



ПРИЙМАЄНО  
Рішенням Вченої ради  
Харківського національного  
університету імені В. Н. Каразіна  
протокол № 5 від 22.04.2019 р.  
В. С.Бакіров

## РІЧНИЙ ЗВІТ ПРО ВИКОНАННЯ КРИТЕРІЇВ НАДАННЯ ТА ПІДТВЕРДЖЕННЯ СТАТУСУ НАЦІОНАЛЬНОГО

Повна назва національного закладу вищої освіти  
*Харківський національний університет імені В. Н. Каразіна*

Код ЄДРПОУ  
*02071205*

Код ЄДЕБО  
*62*

Присвоєння статусу національного (дата та реквізити відповідного акта  
*Указ Президента України №1313/99 від 11 жовтня 1999 року,  
код нормативного акта: 11693/1999*

Адреса офіційного веб-сайту Харківського національного університету  
імені В. Н. Каразіна  
*<http://www.univer.kharkov.ua/>*

Звітний період  
*Річний звіт – 2018 рік*

### **I. Повідомлення про виконання обов'язкових критеріїв надання та підтвердження статусу національного закладу вищої освіти**

1. Харківський національний університет імені В. Н. Каразіна виконує Закони України «Про освіту» та «Про вищу освіту», а також Ліцензійні умови провадження освітньої діяльності закладів освіти (дотримується кадрових вимог щодо забезпечення освітньої діяльності, технологічних вимог щодо матеріально-технічного, інформаційного, навчально-методичного забезпечення освітньої діяльності, соціально-побутової інфраструктури; виконує організаційні вимоги щодо провадження освітньої діяльності у сфері вищої та післядипломної освіти для осіб із вищою освітою).

2. На виконання Законів України «Про освіту» та «Про вищу освіту», ґрунтуючись на принципах, викладених у «Стандартах і рекомендаціях щодо забезпечення якості в Європейському просторі вищої освіти» Європейської асоціації із забезпечення якості вищої освіти і національному стандарті України «Системи управління якістю. Вимоги», з 2014 до 2017 року включно в університеті розроблено 27 документів, які регламентують діяльність університету: Положення про систему забезпечення якості вищої освіти (систему внутрішнього забезпечення якості), Положення про організацію освітнього процесу, Положення про планування роботи, звітування й оцінювання науково-педагогічних працівників, Статут університету, Стратегія розвитку ХНУ імені В. Н.

Каразіна на 2019–2025 роки тощо. Відповідно до міжнародного стандарту ISO 9001:2015, в університеті 14.11.2016 року було створено Управління якості освіти і Навчальний центр менеджменту якості та моніторингу освітнього процесу.

Результатом роботи стали розробка і впровадження системи управління якістю освітньої та наукової діяльності відповідно до вимог міжнародного стандарту ISO 9001:2015 і ДСТУ ISO 9001:2015 IDT «Системи управління якістю. Вимоги» та отримання ХНУ імені В. Н. Каразіна 27 червня 2017 року сертифіката відповідності міжнародному стандарту ISO 9001:2015 «Системи управління якістю. Вимоги» від німецької компанії TÜV Rheinland Cert GmbH.

Університет дотримується основних принципів ISO 9001:2015: орієнтація закладу на досягнення найвищої якості освітніх послуг та максимальне задоволення нормативних вимог і потреб замовників: студентів, їхніх батьків, роботодавців, державних органів та суспільства в цілому; демонстрація прозорості управління діяльністю організації, механізмів постійного поліпшення системи менеджменту якістю та підвищення ефективності роботи співробітників на всіх рівнях.

Система забезпечення якості вищої освіти (систему внутрішнього забезпечення якості) Харківського національного університету імені В. Н. Каразіна передбачає здійснення таких процедур і заходів:

- удосконалення планування освітньої діяльності: затвердження, моніторинг і періодичний перегляд освітніх програм;
- підвищення якості контингенту здобувачів вищої освіти;
- посилення кадрового потенціалу університету;
- забезпечення наявності необхідних ресурсів для організації освітнього процесу та підтримки здобувачів вищої освіти;
- розвиток інформаційних систем із метою підвищення ефективності управління освітнім процесом;
- забезпечення публічності інформації про діяльність університету;
- створення ефективної системи запобігання та виявлення академічного плагіату в наукових працях працівників закладів вищої освіти і здобувачів вищої освіти;
- участь університету в національних та міжнародних рейтингових дослідженнях закладів вищої освіти.

### Стандарти організації

що описують процеси системи управління якістю освітньої і наукової діяльності

№ з/п	Процес управління якістю	Назва документа	Реквізити документа
1	Управління СУЯ, внутрішнім аудитом та розробкою коригувальних дій	Настанова з якості ХНУ імені В. Н. Каразіна	Наказ ректора № 0204-1/344 від 11.09.2017
2		Політика ХНУ імені В. Н. Каразіна у сфері якості на 2017–2020 роки	Наказ ректора № 0204-1/344 від 11.09.2017
3		Стратегічні цілі ХНУ імені В. Н. Каразіна у сфері якості на 2017–2020 роки	Наказ ректора № 0201-1/524 від 14.11.2016
4		Цілі ХНУ імені В. Н. Каразіна у сфері якості на 2018/2019 навчальний рік	Наказ ректора № 0204-1/441 від 26.09.2018
5		Порядок проведення внутрішніх аудитів системи управління якістю та здійснення коригувальних і запобіжних дій у ХНУ імені В. Н. Каразіна	Наказ ректора № 0204-1/344 від 11.09.2017
6		Про систему забезпечення якості вищої освіти (систему внутрішнього забезпечення якості) ХНУ імені В. Н. Каразіна	Наказ ректора № 0501-1/283 від 08.07.2015

7	Управління документами та записами	Інструкція з діловодства в ХНУ імені В. Н. Каразіна	Наказ ректора № 0102-1/134 від 05.07.2012
8	Здійснення прийому студентів	Правила прийому ХНУ імені В. Н. Каразіна	Наказ ректора №0110-1/038 від 01.02.2019
		Положення про приймальну комісію ХНУ імені В. Н. Каразіна	Наказ ректора № 0110-1/537 від 26.12.2017
9	Організація освітнього процесу	Положення про організацію освітнього процесу ХНУ імені В. Н. Каразіна	Наказ ректора № 0202-1/155 від 21.04.2017 (№0211-1/342 від 10.07.2018)
10		Положення про порядок реалізації учасниками освітнього процесу ХНУ імені В. Н. Каразіна права на академічну мобільність	Наказ ректора № 0901-1/519 від 28.12.2015
11		Положення про проведення практики студентів Харківського національного університету імені В. Н. Каразіна	Наказ ректора № 0202-1/145 від 04.04.2018
12		Положення про організацію позаосвітньої діяльності зі студентами ХНУ імені В. Н. Каразіна	Наказ ректора № 0211-1/373 від 02.04.2017 (№0211-1/373 від 02.10.2017)
13	Організація наукової діяльності	Положення про систему запобігання та виявлення академічного плагіату у наукових та навчальних працях працівників і здобувачів вищої освіти ХНУ імені В. Н. Каразіна	Наказ ректора № 0201-1/146 від 18.04.2017
14		Положення про організацію наукової та науково-технічної діяльності у ХНУ імені В. Н. Каразіна	Наказ ректора № 0304-1/101 від 28.03.2017
15	Аналіз ступеня відповідності випускників ОПІ та вимогам роботодавців, Управління послугами невідповідної якості	Положення про порядок створення та організацію роботи Екзаменаційної комісії для атестації здобувачів вищої освіти, які отримують ступінь бакалавра, магістра ХНУ імені В. Н. Каразіна	Наказ ректора № 0202-1/215 від 03.06.2015 (№0204-1/263 від 18.05.2018)
16		Порядок проведення перевірки наукових праць, навчальних видань та дипломних робіт (проектів працівників та здобувачів вищої освіти на наявність запозичень з інших документів	Наказ ректора № 0201-1/145 від 18.04.2017 (№0204-1/263 від 18.05.2018)
17	Здійснення кадрового забезпечення	Положення про порядок обрання та прийняття на роботу науково-педагогічних працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0101-1/497 від 04.12.2017 (№0114-1/517 від 02.11.2018)
18		Положення про планування роботи, звітування науково-педагогічних працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0202-1/334 від 02.07.2018
19		Положення про оцінювання педагогічних працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0501-1/424 від 09.11.2015

20		Положення про оцінювання наукових працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0301-1/508 від 21.12.2015
21		Порядок визначення рейтингів науково-педагогічних працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0501-1/341 від 10.07.2018
22		Положення про визначення рейтингу кафедр ХНУ імені В. Н. Каразіна	Наказ ректора № 0201-1/281 від 06.06.2016
23	Забезпечення інфраструктури та робочого середовища	Положення про систему управління охороною праці в ХНУ імені В. Н. Каразіна	Наказ ректора № 0108-1/164 від 07.11.2008
24		Положення про порядок проведення навчання та перевірку знань із питань охорони праці ХНУ імені В. Н. Каразіна	Наказ ректора № 0108-1/126 від 04.08.2005
25		Порядок супроводу (надання допомоги) осіб з інвалідністю та інших маломобільних груп населення у ХНУ імені В. Н. Каразіна	Наказ ректора №0211-1/290 від 31.05.2018
26	Інформаційно-бібліотечне забезпечення	Положення про формування фондів ЦНБ ХНУ імені В. Н. Каразіна	Наказ ректора № 0305-1/050 від 12.03.2012
27		Положення про електронний архів рідкісних видань і рукописів для науки та освіти (ескрипторіум)	Наказ ректора № 0305-1/72 від 10.04.2012
28		Положення про електронний архів (інституційний репозитарій)	Наказ ректора № 0305-1/572 від 02.12.2016
29		Правила користування ЦНБ	Наказ ректора № 0305-1/124 від 10.05.2015
30		Положення про порядок підготовки матеріалів, призначених для відкритого опублікування ХНУ імені В. Н. Каразіна	Наказ ректора № 0402-1/215 від 24.12.2009
31	Видання наукової, навчальної, навчально-методичної літератури	Положення про порядок підготовки та тиражування навчальних і наукових видань	Наказ ректора №0208-1/115 від 03.04.2017
32	Інформаційно-технічне забезпечення	Положення про інформаційний супровід веб-ресурсів ХНУ імені В. Н. Каразіна	Наказ ректора № 0124-1/123 від 11.06.2012
33		Положення про корпоративну електронну пошту ХНУ імені В. Н. Каразіна	Наказ ректора № 0124-1/037 від 12.02.2013

3. У Харківському національному університеті імені В. Н. Каразіна відсутні виявлені раніше порушення Ліцензійних умов провадження освітньої діяльності закладів освіти.

4. **Наявність єдиного інформаційного середовища Харківського національного університету імені В. Н. Каразіна**, в якому відбувається забезпечення автоматизації основних процесів діяльності.

Єдине інформаційне середовище Харківського національного університету імені В. Н. Каразіна забезпечує автоматизацію основних процесів управлінської, освітньої, наукової та фінансово-господарчої діяльності.

4.1. Для забезпечення управління освітнім процесом використовують програмний комплекс «Єдина Державна Електронна База з питань освіти» (ЄДЕБО), за допомогою якого здійснюються облік абітурієнтів і супровід вступної кампанії, облік контингенту здобувачів вищої освіти та науково-педагогічних працівників, формування документів про освіту, ліцензій на провадження освітньої діяльності.

Окремо використовують: онлайн-систему звітування науково-педагогічних та наукових працівників; електронну форму реєстрації студентів на вибіркові міжфакультетські дисципліни.

У ХНУ імені В. Н. Каразіна електронне дистанційне навчання організовано на базі LMS Moodle. Система управління навчанням (LMS – Learning Management System) дозволяє виконувати такі функції:

- доставка інформації – електронний підручник, презентації, тематики форумів, контрольних та курсових робіт, календарний план вивчення дисципліни, критерії оцінок виконаних завдань, список літератури, оголошення, посилання, в тому числі і на відкриті освітні ресурси;
- комунікації – через форум, електронну пошту, чат;
- організація групової (форум, вікі-сторінки) й індивідуальної (обмін файлами) роботи студентів;
- контроль знань за допомогою тестування (тест-самоперевірка, тест-іспит).

На сьогодні Центр електронного навчання Інституту післядипломної освіти та заочного (дистанційного) навчання має Банк веб-ресурсів, який складається з 1 167 дистанційних курсів, які використано на заочній та денній формах навчання. Здійснюється навчання викладачів роботі з LMS Moodle. На базі LMS Moodle версії 2.8 реалізується система забезпечення моніторингу якості освіти, запуск програми «Ректорський контроль знань на базі платформи MOODLe Каразінського університету».

Центр електронного навчання відкрив та працює на каналі на YouTube Karazin Universarium, на якому розміщено презентаційні відеолекції провідних викладачів Університету, а також власний канал Інституту ELearningOpenKarazin.

4.2. В університеті впроваджено систему запобігання та виявлення академічного плагіату в наукових та навчальних працях співробітників і здобувачів вищої освіти. Для перевірки дипломних і дисертаційних робіт використовують антиплагіатну інтернет-систему Strikeplagiarism.com (власність компанії Plagiat.pl).

4.3. Із метою інформаційно-бібліотечного забезпечення навчальної та наукової роботи у Центральній науковій бібліотеці впроваджено сучасну АІБС Absotheque Unicode на необмежену кількість робочих місць із модулем електронного замовлення AbsOPAC, що дало змогу створити потужну систему автоматизованого обслуговування. Розвивається Електронна бібліотека, до складу якої входять: електронний каталог із посиланнями до повнотекстових документів; електронний архів (репозитарій) публікацій учених університету – eKhNUIR; електронний архів eScriptorium із повнотекстовими ресурсами рідкісних і цінних видань; світові бази даних в онлайн-доступі з усіх комп'ютерів університету: наукометричні – Scopus, Web of Science і повнотекстові бази даних іноземних та вітчизняних видавництв: CUL Online, EBSCO, Cambridge University Press, Institute of Physics Publishing, Royal Society Publ., Oxford University Press, SpringerNature; веб-сайт бібліотеки (<http://www-library.univer.kharkov.ua/ukr/>); колекція на CD і DVD-дисках.

Електронний каталог (понад 1 400 000 прим.) (<http://library.univer.kharkov.ua/OpacUnicode/index.php?lang=ua>) з електронним замовленням документів функціонує з цілодобовим доступом через мережу Інтернет. Щорічно поповнюється більш ніж на 60 000 записів. ЦНБ забезпечує супровід двох великих баз даних – електронного архіву праць учених (репозитарій) університету eKhNUIR (<http://dspace.univer.kharkov.ua/?locale=uk>) та електронного архіву рідкісних видань і рукописів для науки та освіти eScriptorium (<http://escriptorium.univer.kharkov.ua/?locale=uk>), створює Архів оцифрованих періодичних видань із фондів ЦНБ Karazin.Back2News із можливістю пошуку за текстами (<http://karazin.back2news.org>).

#### Електронні бази даних, доступ до яких надавався ЦНБ в онлайн-режимі

Назва	Зміст
SCOPUS	Найбільша у світі наукометрична бібліографічна та реферативна база даних, а також інструмент для відстеження цитованості статей, опублікованих у наукових виданнях.
Web of Science	Одна з найбільших реферативних баз даних, яка пропонує науковцям, викладачам і студентам швидкий доступ до якісної міждисциплінарної релевантної інформації. Охоплює понад 50 млн записів із 12,5 тис. найбільш впливових журналів зі всього світу та 120 тис. матеріалів конференцій у галузі природничих, суспільних, гуманітарних наук та мистецтва.
EBSCO host	12 тематичних баз, що включають повні тексти з понад 10 000 назв англомовних журналів з усіх галузей знань.
База даних компанії East View «Издания по общественным и гуманитарным наукам»	20 провідних періодичних публікацій видавництва «Наука» з історії, соціології, філології, філософії, економіки тощо.
Журнали Королівського хімічного товариства (Royal Society of Chemistry)	Понад 40 назв журналів одного з найвідоміших видавців літератури з хімії.
Журнали Американського фізичного товариства (American Physical Society)	Провідні наукові журнали з фізики з високим рівнем цитування.
CUL Online	Онлайн-бібліотека навчальної літератури – понад 760 українськомовних навчальних посібників та підручників, рекомендованих МОН України, з економічних, гуманітарних та природничих наук.
Журнали Cambridge University Press	384 журнали з прикладних наук, бізнесу, менеджменту, геонаук, гуманітарних та соціальних наук, медицини, фізичних наук, математики.
Журнали Royal Society Publishing	11 наукових видань із природничих наук і математики, серед яких всесвітньо відомі – Philosophical Transactions A&B, що видаються з 1665 року.
Журнали Institute of Physics Publishing	114 журналів – атомна, молекулярна, оптична, математична фізика, біофізика, напівпровідники, надпровідність, експериментальне обладнання тощо.

Журнали <u>SpringerNature</u>	Мультидисциплінарна колекція з 2 211 наукових журналів міжнародного видавництва Springer.
Журнали <u>Oxford University Press</u>	Одна з найбільших й поважних колекцій академічних журналів із різних галузей знань – публікації Оксфордського університетського видавництва. Понад 300 журналів мають високий рейтинг у світовій науці та охоплюють природничі науки, математику, гуманітарні та соціальні науки, економіку та фінанси, юриспруденцію, особливо цінні в колекції видання з біології та медицини.

<b>Віртуальні бази даних бібліотеки Міжнародної інформаційної служби Держдепартаменту США «eLibrary USA» – 9 баз (у Центрі «Вікно в Америку»)</b>	
<u>Academic OneFile</u>	Доступ до повнотекстових статей із майже 8 000 наукових журналів
<u>JSTOR</u>	Повнотекстові статті із соціальних наук, економіки та історії з 850 академічних журналів
<u>ProQuest Dissertations &amp; Theses Database</u>	База даних вміщує понад 1,5 млн дисертацій та рефератів із 700 університетів
<u>Research in Context</u>	Статті за темою дослідження з більш ніж 1 200 журналів і газет
<u>PressReader</u>	Понад 400 американських та міжнародних газет і журналів
<u>Flipster</u>	17 цифрових журналів про поточні події, культуру США та зовнішню політику
<u>Digital Literacy</u>	Пов'язані з Інтернетом теми щодо соціальних мереж, кіберзалякування, конфіденційність, дослідницькі навички та інструменти, а також ігри
<u>Opposing Viewpoints in Context</u>	Статті з понад 1 700 газет і журналів
<u>American History In Video</u>	Колекція з понад 600 відео та документів з історії США з видавництва Alexander Street Press
<b>Тестовий доступ</b>	
<u>POLPRED.com</u>	Моніторинг промисловості та послуг за кордоном, огляд преси та повні тексти повідомлень провідних інформаційних агенцій тощо
<u>Ebrary: Academic Complete Collection</u>	Багатопрофільна база даних, яка містить понад 44 тис. назв цифрових книг
<u>Бази даних EastView</u>	Повнотекстові та реферативні бази даних компанії EastView
<u>Бази даних Китаю</u>	Наукові ресурси від компанії EastView
<u>Annual Reviews Science Collection</u>	Наукові щорічники з біомедицини, наук про життя, фізичних та суспільних наук
<u>Ovid</u>	Ресурси з медицини від компанії Ovid
<u>Euromonitor</u>	Бази даних з аналізу світового ринку
<u>ProQuest</u>	Дисертації та автореферати з різних галузей знань, бази даних із біології та охорони здоров'я
<u>EBSCO eBooks</u>	Електронні книги з різних галузей знань
<u>World eBook Library</u>	Найбільша у світі колекція електронних книжок та документів, яка пропонує понад 2 млн назв та 23 тис. аудіокнижок
<u>Market Research Monitor</u>	Онлайн-колекція з 10 000 звітів про ринкові дослідження спеціалістів Euromonitor International
<u>Електронно-бібліотечна система IPRbooks</u>	Комплексний ресурс, що містить більш ніж 5 000 видань освітнього та наукового характеру з права, економіки, гуманітарних наук

Електронна бібліотека видавничого дому «Гребенников»	25 спеціалізованих журналів із маркетингу, реклами, менеджменту, фінансів, управління персоналом тощо
MathSciNet	База даних оглядів, рефератів та бібліографічної інформації Американського математичного товариства
Multi-Science	29 журналів, що заповнюють пробіли в науковій літературі та відповідають викликам технологічного розвитку на межі виникнення нових дисциплін
Програма TurnItIn	Функції антиплагіату для викладачів та студентів
Oxford Scholarship Online	Бібліотека, яка пропонує майже 7 000 електронних академічних монографій і популярних книг у 18 різних колекціях із різних галузей знань
Encyclopaedia Britannica	Визнаний дослідницький ресурс для студентів, викладачів та наукових співробітників
"БиблиоРоссика"	Електронна бібліотека наукової, навчальної та художньої літератури, що включає майже 2 500 книг переважно гуманітарного профілю
Mary Ann Liebert Publishing	Інтегрована база даних, що містить матеріали з медицини, біології, науки про довкілля
ACM Digital Library	Архів Асоціації обчислювальної техніки (США), який містить повнотекстову та бібліографічну наукову інформацію з обчислювальної техніки, інженерної справи, математики та комп'ютерних наук
Behavioral Science journals	Журнали з психології, біології тощо
SciFinder	Ресурс від CAS (Chemical Abstracts Service), підрозділу Американського хімічного товариства, найпотужніша світова база даних інформації з хімії
Проект «Access to Research for Development (ARDI)»	Наукові журнали та монографії від провідних видавництв світу: American Institute of Physics; Elsevier; Institute of Physics; John Wiley & Sons; Oxford University Press; Nature Publishing Group; Sage; Springer; Cambridge UP, Taylor & Francis
BioOne	Журнали з біології, екології та питань охорони навколишнього середовища
McGraw-Hill eBook Library	База електронних книжок, об'єднаних у тематичні колекції: бізнес, медицина, інженерні та комп'ютерні науки, відкрита університетська преса, посібники для студентів
Електронний ресурс Access Medicine від видавництва McGraw-Hill	Спеціалізовані медичні ресурси (Anesthesiology, Surgery, Pediatrics, Pharmacy, Emergency Medicine, Physiotherapy). База даних включає більше 70 кращих підручників із медицини, а також містить більш ніж 50 тис. зображень, відеоматеріалів, інформацію про інструменти діагностики та лікувальні засоби
New England Journal of Medicine	Щотижневий журнал, який публікує як нові результати медичних досліджень, оглядові статті, звіти, так і редакційну думку з широкого кола питань, важливих для біомедичної науки та клінічної практики
IMF eLibrary	Онлайн-доступ до повної колекції авторитетного світового економічного контенту, опублікованого Міжнародним валютним фондом (МВФ)
Pediatric Neurology Briefs	Провідний щомісячний журнал із питань дитячої неврології



Електронний ресурс Access Medicine від видавництва McGraw-Hill	Спеціалізовані медичні ресурси (Anesthesiology, Surgery, Pediatrics, Pharmacy, Emergency Medicine, Physiotherapy). База даних включає більше 70 кращих підручників із медицини, а також містить більш ніж 50 тис. зображень, відеоматеріалів, інформацію про інструменти діагностики та лікувальні засоби
<u>ProQuest Dissertations &amp; Theses Global (PQDT)</u>	Найповніша повнотекстова колекція докторських (PhD) і магістерських дисертацій у світі. У PQDT відображено 3,5 млн дисертацій, понад 1,5 млн
JSTOR	Цифрова бібліотека провідних наукових журналів (понад 2 500 назв). Доступні міждисциплінарні і профільовані колекції: економіка, екологія, історія, психологія, політологія, соціологія, біологія, охорона здоров'я, математика та статистика, освіта, право, суспільна політика та управління, філософія тощо
<u>Royal Society Publishing</u>	Доступ до міжнародних повнотекстових наукових журналів видавництва Лондонського Королівського товариства: Royal Society Open Science, Open Biology, Biology Letters, Journal of the Royal Society Interface, Interface Focus, Proceedings A, Proceedings B, Philosophical Transactions A and Philosophical Transactions B, Notes and Records
Hein Online	Правнична база даних, що надає доступ до документів з історії права. Вона містить повнотекстовий доступ до більш ніж 2 000 назв наукових юридичних журналів, а також повне зібрання стенограм засідань Конгресу США
SpringerLink від Springer Science+Business Media	Повнотекстовий доступ до більш ніж 2 200 рецензованих наукових журналів із STM (Science, Technology, Medicine), бізнесу та менеджменту, соціальних наук, наук про життя
Wiley Online Library	Wiley – одна з найбільших світових видавничих компаній, що публікує 1 500 рецензованих журналів. Тематично база охоплює 104 категорії, серед яких – бізнес, економіка, фінанси та бухгалтерський облік, інформатика та інформаційні технології, гуманітарні науки, право та кримінологія, математика і статистика, медицина, соціальні науки та ін.
PressReader	Ресурс містить цифрові копії понад 5 000 найменувань газет та журналів. На ресурсі репрезентовано пресу зі 100 країн світу 60 мовами
SAGE	Провідне міжнародне видавництво, що видає понад 650 журналів і 800 книг у галузях: науки про здоров'я, медико-біологічні науки та науки про життя, матеріалознавство та інжиніринг, суспільні та гуманітарні науки
Bibliotech	Підручники з хімії для ЗВО на платформі OUP
OECD iLibrary	Електронна бібліотека Організації економічного співробітництва та розвитку (ОЕСР). Понад 10 000 електронних книг, 46 530 розділів, майже 120 000 таблиць і графіків, 5 000 статей, 5 млн одиниць даних із 42 баз даних, що сягають 1960-х років та охоплюють понад 80 країн
De Gruyter	Колекція електронних книжок німецького наукового видавництва DE GRUYTER – близько 1 600 назв наукових видань із 28 предметних галузей.

4.4. У ХНУ імені В. Н. Каразіна впроваджено автоматизований облік працівників та аналіз руху персоналу, підготовку і реєстрацію кадрових наказів, розробку штатного розпису з використанням комп'ютерної системи «Інформаційна Аналітична Система Управління Фінансовими Ресурсами Міністерства освіти і науки України» (ІАСУ ФР МОНУ).

4.5. Система автоматизації управління фінансово-господарчою діяльністю університету використовує мережевий програмний комплекс АРМ «Базис», який складається з таких підсистем:

1. «Монітор управління»;
2. «Баланс»;
3. «Банк»;
4. «Каса»;
5. «Підзвітні особи»;
6. «Дебітори-кредитори»;
7. «Заробітна плата»;
8. «Стипендія»;
9. «Основні засоби»;
10. «Матеріали»;
11. «Облік податкових накладних»;
12. «Оренда»;
13. «Оплата гуртожитку».

До системи автоматизації управління адміністративно-господарчою діяльністю університету також входять такі програмні продукти:

- веб-портал «ДП Інформаційно-обчислювальний центр Міністерства соціалістики України» (веб-технологія);

- веб-портал «е-звітність» (веб-технологія) – система подання електронної звітності клієнтами ДКСУ;

- «М.Е.Дос» (мережева версія) – система формування та подання до органів державної податкової служби засобами телекомунікаційного зв'язку податкової звітності та інших документів;

- «ЛІГА:ЗАКОН ЕЛІТ» (мережева версія, клієнт-сервер) – нормативна база для бухгалтерів, економістів, юристів, кадровиків;

- ПЗ «Автоматизована система звітності бюджетних установ» або «Форма 7» – автоматизована система звітності бюджетних установ (форма 7, 7.1);

- ІОС ДКСУ «Мережа установ, підприємств та організацій, які отримують кошти з Державного бюджету України» (локальна версія 9.02) – Інформація про мережу підприємств та організацій, які одержують кошти з Державного бюджету України»;

- «Формування зведеного кошторису доходів і видатків у розрізі підвідомчих установ, підприємств та організацій по територіях» – формування зведеного кошторису доходів і видатків у розрізі підвідомчих установ, підприємств та організацій по територіях.

5) У 2018 році університет мав понад 100 сайтів, що репрезентують його діяльність та забезпечують інформаційну підтримку залучення абітурієнтів, освітнього, виховного та наукового процесів.

Серед них – веб-сайти університету, Вченої ради, вступної кампанії, наукової періодики, онлайн-енциклопедії, Центральної наукової бібліотеки, факультетів, кафедр, науково-дослідних інститутів, інших підрозділів і різноманітних проектів.

Веб-сайт Каразінського університету існує в мережі Інтернет з 2008 року. Ресурс пройшов низку етапів розбудови. На сьогодні веб-сайт є повноцінним інформаційним ресурсом, що висвітлює історичні віхи та сучасність університету.

На офіційному веб-сайті університету розміщується вся необхідна обов'язкова інформація, передбачена законодавством. Інформаційне наповнення веб-ресурсів

університету здійснюється відповідно до положень закону «Про вищу освіту». Репрезентовано матеріали, присвячені освітній та науковій роботам, фінансовій (кошторис, звіт про використання та надходження коштів, інформація щодо проведення тендерних процедур), адміністративно-господарчій діяльності та кадровим питанням (штатний розпис, вакантні посади) тощо. Окрім цього, систематичним є проведення моніторингу виконання встановлених вимог у контексті відкритості діяльності університету.

Веб-сайт функціонує у трьох мовних версіях: українська, англійська, російська та відповідає комунікаційній і PR-стратегії університету, що створює комплексний позитивний імідж Каразінського, підвищує впізнаваність та лояльність представників внутрішньої та зовнішньої громадськості до бренду університету, забезпечує розвиток академічних обмінів і партнерства та популяризацію університету шляхом репрезентації його академічного потенціалу у веб-середовищі.

За 2018 рік на веб-сайті оприлюднено майже 2 600 анонсів і новин, підготовлено та розміщено 208 фоторепортажів та 75 відеорепортажів щодо ключових подій у житті університету.

Згідно з даними веб-аналітичних систем, у 2018 році веб-сайт університету відвідали понад 427 тис. користувачів, здійснивши майже 2,6 млн переглядів.

Згідно з останніми результатами рейтингу Webometrics Ranking of World Universities, Харківський національний університет імені В. Н. Каразіна посідає п'яте місце серед більш ніж 300 українських закладів вищої освіти та 2 278 місце – з-поміж майже 22 000 університетів світу.

Для інформаційного супроводу вступної кампанії в інтернет-середовищі функціонує спеціалізований веб-сайт «Абітурієнт Каразінського» (start.karazin.ua), який відвідали за 2018 рік понад 135 000 користувачів, здійснивши майже 2 млн переглядів. На веб-сайті розміщено всю необхідну для вступу інформацію: Правила прийому з усіма додатками, анотації освітніх програм за всіма освітніми рівнями підготовки з переліком вступних випробувань та предметів зовнішнього незалежного оцінювання тощо. Працює веб-сайт «International Applicants» (start.karazin.ua/international), де розміщено необхідну для вступу інформацію для іноземних громадян та осіб без громадянства.

На веб-сайті Вченої ради університету репрезентовано інформацію щодо основних документів, які ухвалюються Вченою радою та регламентують діяльність університету, а також матеріали про постійні комісії Вченої ради, склад Вченої ради, почесних докторів та заслужених працівників університету, перелік ключових подій у межах діяльності Вченої ради.

Результати наукової роботи університету репрезентовано в інтернет-просторі, зокрема за допомогою веб-сайту «Наукова періодика Каразінського університету». На поточний момент на веб-сайті репрезентовано 46 періодичних видань, що містять 538 випусків та майже 10 300 статей.

У 2018 році запроваджено видавничу платформу Open Journal System 3 (використовується веб-сайтом «Наукова періодика Каразінського університету»), що містить вдосконалення і нові функції, розроблені на основі відгуків, різноманітних тестувань зручності використання та нових можливостей програмного забезпечення.

Таблиця 1

**Оприлюднення інформації на офіційному веб-сайті Харківського національного університету імені В. Н. Каразіна**

Назва документа або вид інформації	Нормативний акт, який передбачає оприлюднення документа або інформації	Посилання на документ або інформацію на офіційному веб-сайті закладу вищої освіти
Статут (інші установчі документи)	ч. 3 ст. 79 Закону України «Про вищу освіту», ч. 2 ст.	<a href="http://www.univer.kharkov.ua/docs/statute/uk-statut2018.pdf">http://www.univer.kharkov.ua/docs/statute/uk-statut2018.pdf</a>

	30 Закону України «Про освіту»	
Документи закладу вищої освіти, якими регулюється порядок здійснення освітнього процесу	ч. 3 ст. 79 Закону України «Про вищу освіту»	<a href="http://www.univer.kharkov.ua/ua/general/docs/quality">http://www.univer.kharkov.ua/ua/general/docs/quality</a> <a href="http://www.univer.kharkov.ua/ua/study/study_organization">http://www.univer.kharkov.ua/ua/study/study_organization</a>
Інформація про структуру та склад керівних органів	ч. 3 ст. 79 Закону України «Про вищу освіту», ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/ua/general/rectorat_c">http://www.univer.kharkov.ua/ua/general/rectorat_c</a> <a href="http://www.univer.kharkov.ua/ua/general/structure">http://www.univer.kharkov.ua/ua/general/structure</a>
Кошторис закладу вищої освіти та всі зміни до нього	ч. 4 ст. 79 Закону України «Про вищу освіту»	<a href="http://www.univer.kharkov.ua/ua/general/docs/budget">http://www.univer.kharkov.ua/ua/general/docs/budget</a>
Звіт про використання та надходження коштів	ч. 4 ст. 79 Закону України «Про вищу освіту»	<a href="http://www.univer.kharkov.ua/docs/work/balance-zvit-2019.pdf">http://www.univer.kharkov.ua/docs/work/balance-zvit-2019.pdf</a>
Інформацію щодо проведення тендерних процедур	ч. 4 ст. 79 Закону України «Про вищу освіту»	<a href="http://www.univer.kharkov.ua/docs/work/doporog-zakupivli-org.pdf">http://www.univer.kharkov.ua/docs/work/doporog-zakupivli-org.pdf</a> <a href="http://www.univer.kharkov.ua/docs/work/plan_zakupki2019-7.pdf">http://www.univer.kharkov.ua/docs/work/plan_zakupki2019-7.pdf</a> <a href="http://www.univer.kharkov.ua/ua/general/docs/state_purchase">http://www.univer.kharkov.ua/ua/general/docs/state_purchase</a>
Штатний розпис	ч. 4 ст. 79 Закону України «Про вищу освіту»	<a href="http://www.univer.kharkov.ua/docs/work/staffingtable20180901.pdf">http://www.univer.kharkov.ua/docs/work/staffingtable20180901.pdf</a>
Ліцензія на провадження освітньої діяльності	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/docs/work/license-edbo13112018-7.pdf">http://www.univer.kharkov.ua/docs/work/license-edbo13112018-7.pdf</a>
Сертифікати про акредитацію освітніх програм, сертифікат про інституційну акредитацію (за наявності)	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/ua/general/docs/certificates">http://www.univer.kharkov.ua/ua/general/docs/certificates</a>
Освітні програми, що реалізуються в закладі освіти, та перелік освітніх компонентів, передбачених відповідною освітньою програмою	ч. 2 ст. 30 Закону України «Про освіту», п. 2 Наказу МОН України від 30 жовтня 2017 р. № 1432, зареєстрованого у Міністерстві юстиції України 21 листопада 2017 р. за № 1423/31291.	<a href="http://start.karazin.ua/programs/5">http://start.karazin.ua/programs/5</a> <a href="http://start.karazin.ua/programs/7">http://start.karazin.ua/programs/7</a> <a href="http://start.karazin.ua/programs/8">http://start.karazin.ua/programs/8</a>
Ліцензований обсяг та фактична кількість осіб, які навчаються у закладі освіти	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/docs/work/license-edbo13112018-7.pdf">http://www.univer.kharkov.ua/docs/work/license-edbo13112018-7.pdf</a> <a href="http://www.univer.kharkov.ua/docs/work/zvit_rektora_2018.pdf">http://www.univer.kharkov.ua/docs/work/zvit_rektora_2018.pdf</a> сторінка 29
Мова (мови) освітнього процесу	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/docs/work/zastosuvannya-derzh-movy-0501-1-333.pdf">http://www.univer.kharkov.ua/docs/work/zastosuvannya-derzh-movy-0501-1-333.pdf</a>
Наявність вакантних	ч. 2 ст. 30 Закону України	<a href="http://www.univer.kharkov.ua/ua/gene">http://www.univer.kharkov.ua/ua/gene</a>

посад, порядок і умови проведення конкурсу на їх заміщення (у разі його проведення)	«Про освіту»	<a href="http://www.univer.kharkov.ua/ua/general/vakantni-posady/vsi-posady">ral/vakantni-posady/vsi-posady</a>
Матеріально-технічне забезпечення закладу освіти (згідно з ліцензійними умовами)	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/ua/general/docs/mat-teh-zabezpechennya">http://www.univer.kharkov.ua/ua/general/docs/mat-teh-zabezpechennya</a>
Напрями наукової та/або мистецької діяльності (для закладів вищої освіти)	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/ua/research">http://www.univer.kharkov.ua/ua/research</a>
Наявність гуртожитків та вільних місць у них, розмір плати за проживання	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/ua/student/studhostel">http://www.univer.kharkov.ua/ua/student/studhostel</a> <a href="http://www.univer.kharkov.ua/docs/work/campus-price2017.pdf">http://www.univer.kharkov.ua/docs/work/campus-price2017.pdf</a> <a href="http://profkom.ua/perelik-dokumentiv-neobhidnyh-dlya-poselennya-ta-reyestratsiyi-v-gurtozhytkah-hnu-imeni-v-n-karazina/">http://profkom.ua/perelik-dokumentiv-neobhidnyh-dlya-poselennya-ta-reyestratsiyi-v-gurtozhytkah-hnu-imeni-v-n-karazina/</a>
Результати моніторингу якості освіти	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/ua/study/activity/monitoring">http://www.univer.kharkov.ua/ua/study/activity/monitoring</a>
Річний звіт про діяльність закладу освіти	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/ua/general/docs/files_analitics">http://www.univer.kharkov.ua/ua/general/docs/files_analitics</a>
Правила прийому до закладу освіти у відповідному році	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/images/pravyla-2019-2.pdf">http://www.univer.kharkov.ua/images/pravyla-2019-2.pdf</a>
Умови доступності закладу освіти для навчання осіб з особливими освітніми потребами	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://start.karazin.ua/page/osobam-z-osoblyvymy-potrebamy">http://start.karazin.ua/page/osobam-z-osoblyvymy-potrebamy</a> <a href="http://www.univer.kharkov.ua/docs/work/dostupnist-dlya-osib-z-osoblyvymy-potrebamy.pdf">http://www.univer.kharkov.ua/docs/work/dostupnist-dlya-osib-z-osoblyvymy-potrebamy.pdf</a>
Розмір плати за навчання, підготовку, перепідготовку, підвищення кваліфікації здобувачів освіти	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/images/price-ua2019.pdf">http://www.univer.kharkov.ua/images/price-ua2019.pdf</a> <a href="http://www.univer.kharkov.ua/images/price-fl2019.pdf">http://www.univer.kharkov.ua/images/price-fl2019.pdf</a>
Перелік додаткових освітніх та інших послуг, їхня вартість, порядок надання та оплати	ч. 2 ст. 30 Закону України «Про освіту»	<a href="http://www.univer.kharkov.ua/docs/work/nadannya-platnyh-poslug.pdf">http://www.univer.kharkov.ua/docs/work/nadannya-platnyh-poslug.pdf</a>

**II. Звіт про значення показників порівняльних критеріїв надання та підтвердження статусу національного закладу вищої освіти**

Таблиця 2

**Здобувачі вищої освіти**

Ступінь (ОКР)	Код та спеціальність		Кількість	Проходили стажування в іноземних ЗВО	Здобули призові місця	Іноземних громадян	Громадян із країн членів ОЕСР
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
бакалавр	014.14	Середня освіта (Здоров'я людини)	26		0	1	
бакалавр	032	Історія та археологія	286		1	2	
бакалавр	033	Філософія	59		1		
бакалавр	034	Культурологія	56		0	1	
бакалавр	035.01	Філологія (українська мова та література)	151		5		
бакалавр	035.03	Філологія (слов'янські мови та літератури (переклад включно))	95		3	4	1
бакалавр	035.04	Філологія (германські мови та літератури (переклад включно))	621		7	45	2
бакалавр	035.05	Філологія (романські мови та літератури (переклад включно))	98	20	5		
бакалавр	035.06	Філологія (східні мови та літератури (переклад включно))	132	9	0		
бакалавр	035.08	Філологія (класичні мови та літератури (переклад включно))	22		2		
бакалавр	035.10	Філологія (прикладна лінгвістика)	67		0		
бакалавр	051	Економіка	284		0	16	1
бакалавр	052	Політологія	43		1	1	
бакалавр	053	Психологія	251		12	3	
бакалавр	054	Соціологія	257	3	10		
бакалавр	061	Журналістика	225		0		
бакалавр	071	Облік і оподаткування	82		1	1	
бакалавр	072	Фінанси, банківська справа та страхування	142		1	17	
бакалавр	073	Менеджмент	290		3	9	
бакалавр	075	Маркетинг	157		3	1	
бакалавр	076	Підприємництво, торгівля та біржова діяльність	113		2		
бакалавр	081	Право	340		12	63	16
бакалавр	091	Біологія	270		16	15	
бакалавр	101	Екологія	117		7	1	
бакалавр	102	Хімія	204	10	10		
бакалавр	103	Науки про Землю	117		2	9	
бакалавр	104	Фізика та астрономія	134	4	7	4	
бакалавр	105	Прикладна фізика та наноматеріали	351	4	49	2	
бакалавр	106	Географія	125		2	11	
бакалавр	111	Математика	92		5		
бакалавр	113	Прикладна математика	71		7		
бакалавр	122	Комп'ютерні науки	372		7	2	1
бакалавр	123	Комп'ютерна інженерія	46		1		
бакалавр	125	Кібербезпека	179		1		

бакалавр	151	Автоматизація та комп'ютерно-інтегровані технології	94		0		
бакалавр	153	Мікро- та наносистемна техніка	42	10	0	1	
бакалавр	162	Біотехнології та біоінженерія	57		0		
бакалавр	231	Соціальна робота	41		6		
бакалавр	241	Готельно-ресторанна справа	117		2		
бакалавр	242	Туризм	159	10	3	7	
бакалавр	263	Цивільна безпека	12		1		
бакалавр	281	Публічне управління та адміністрування	59		0		
бакалавр	291	Міжнародні відносини, суспільні комунікації та регіональні студії	375		5		
бакалавр	292	Міжнародні економічні відносини	309	10	5	21	
бакалавр	293	Міжнародне право	137		5	20	8
спеціаліст	222	Медицина	3358	2	15	2856	441
магістр	014.14	Середня освіта (Здоров'я людини)	9		0		
магістр	032	Історія та археологія	80		4		
магістр	033	Філософія	21		1		
магістр	034	Культурологія	17		0		
магістр	035.01	Філологія (українська мова та література)	42		0		
магістр	035.03	Філологія (слов'янські мови та літератури (переклад включно))	13		0	3	
магістр	035.04	Філологія (германські мови та літератури (переклад включно))	124		7	3	
магістр	035.05	Філологія (романські мови та літератури (переклад включно))	25		4		
магістр	035.06	Філологія (східні мови та літератури (переклад включно))	26		0		
магістр	035.08	Філологія (класичні мови та літератури (переклад включно))	8		0		
магістр	035.10	Філологія (прикладна лінгвістика)	25		0		
магістр	051	Економіка	93		0	2	
магістр	052	Політологія	19		1		
магістр	053	Психологія	59		2	1	1
магістр	054	Соціологія	67		2		
магістр	061	Журналістика	76		7		
магістр	071	Облік і оподаткування	24		0	1	
магістр	072	Фінанси, банківська справа та страхування	38		0	2	
магістр	073	Менеджмент	162		2	23	
магістр	075	Маркетинг	27		3		
магістр	076	Підприємництво, торгівля та біржова діяльність	17	8	3		
магістр	081	Право	94	2	0	14	
магістр	091	Біологія	117		2	2	

магістр	101	Екологія	51		7	1	
магістр	102	Хімія	83		4		
магістр	103	Науки про Землю	58	5	0	6	
магістр	104	Фізика та астрономія	92		0		
магістр	105	Прикладна фізика та наноматеріали	214		7	5	
магістр	106	Географія	68		1	2	
магістр	111	Математика	25	9	0		
магістр	113	Прикладна математика	43		0		
магістр	122	Комп'ютерні науки	94		1	2	
магістр	125	Кібербезпека	48		0		
магістр	151	Автоматизація та комп'ютерно-інтегровані технології	22		0		
магістр	153	Мікро- та наносистемна техніка	28		0		
магістр	222	Медицина	923		0	771	252
магістр	242	Туризм	43		0	2	
магістр	291	Міжнародні відносини, суспільні комунікації та регіональні студії	43		0		
магістр	292	Міжнародні економічні відносини	95	10	1	6	
магістр	293	Міжнародне право	33	10	0	1	
аспіранти та докторанти	032	Історія та археологія	9				
аспіранти та докторанти	033	Філософія	12			2	
аспіранти та докторанти	035	Філологія	14			1	
аспіранти та докторанти	051	Економіка	6				
аспіранти та докторанти	052	Політологія	6				
аспіранти та докторанти	053	Психологія	5				
аспіранти та докторанти	054	Соціологія	12				
аспіранти та докторанти	061	Журналістика	5				
аспіранти та докторанти	072	Фінанси, банківська справа та страхування	1				
аспіранти та докторанти	073	Менеджмент	6				
аспіранти та докторанти	081	Право	5			2	
аспіранти та докторанти	091	Біологія	14			2	
аспіранти та докторанти	102	Хімія	11				
аспіранти та докторанти	103	Науки про Землю	10			1	
аспіранти та докторанти	104	Фізика та астрономія	5				
аспіранти та докторанти	105	Прикладна фізика та наноматеріали	18				
аспіранти та докторанти	111	Математика	1				
аспіранти та докторанти	113	Прикладна математика	1	10			
аспіранти та докторанти	122	Комп'ютерні науки	8			1	



докторанти							
аспіранти та докторанти	125	Кібербезпека	5				
аспіранти та докторанти	222	Медицина	1				
аспіранти та докторанти	292	Міжнародні економічні відносини	5			1	
аспіранти та докторанти	01.04.07	Фізика твердого тіла	1				
аспіранти та докторанти	03.00.04	Біохімія	1				
аспіранти та докторанти	07.00.02	Всесвітня історія	1				
аспіранти та докторанти	08.00.01	Економічна теорія та історія економічної думки	1				
аспіранти та докторанти	08.00.02	Світове господарство і міжнародні економічні відносини	1				
аспіранти та докторанти	09.00.04	Філософська антропологія, філософія культури	1				
аспіранти та докторанти	10.02.01	Українська мова	1				
аспіранти та докторанти	10.02.04	Германські мови	1				
аспіранти та докторанти	14.01.02	Внутрішні хвороби	1				
аспіранти та докторанти	19.00.09	Загальна психологія, історія психології	1				
<b>РАЗОМ:</b>			<b>13 951</b>	<b>136</b>	<b>284</b>	<b>3 970</b>	<b>723</b>

Таблиця 3

### Наукові, науково-педагогічні працівники

Факультет (інститут)	Кафедра, відділ тощо	Кількість	Проходили стажування в іноземних ЗВО	Здійснювали наукове керівництво (консультування) не менш ніж п'ятьох здобувачів наукових ступенів, які захистилися в Україні	Науково-педагогічні працівники, науковий ступінь та/або вчене звання	Науково-педагогічні працівники, доктори наук та/або професори
Біологічний	Біохімії	15		1	12	2
	Ботаніки та екології рослин	9			8	1
	Генетики та цитології	10			9	3
	Зоології та екології тварин	12			9	3
	Мікології та фітоімунології	5			3	1
	Фізіології людини та тварин	16		1	8	1
	Фізіології і біохімії рослин та мікроорганізмів	8			5	1
	Молекулярної біології та біотехнології	5			3	1
Факультет геології, географії, рекреації і туризму	Геології	6			5	1
	Гідрогеології	9			8	33
	Мінералогії, петрографії та корисних копалин	5			2	1
	Соціально-економічної географії та регіоназнавства	11		2	10	3

	Фізичної географії та картографії	16		2	13	2
Екологічний	Екології та неоекології	6			3	0
	Екологічної безпеки та екологічної освіти	7			6	4
	Моніторингу довкілля та природокористування	5		1	2	1
Економічний	Економіки та менеджменту	14			13	1
	Економічної кібернетики та прикладної економіки	15			9	3
	Економічної теорії та економічних методів управління	15		4	13	4
	Маркетингу, менеджменту та підприємництва	18			16	1
	Математичних методів в економіці	16			6	1
	Міжнародної економіки та світового господарства	12			9	1
	Статистики, обліку та аудиту	16			15	1
	Фінансів, банківської справи та страхування	15		1	13	3
Іноземних мов	Англійської мови	39	1		15	-
	Англійської філології	33	1	1	18	4
	Ділової іноземної мови та перекладу	25		1	11	1
	Методики та практики викладання іноземної мови	30			14	1
	Німецької та французької мов	23			8	-
	Німецької філології та перекладу	24		2	14	2
	Романської філології і перекладу	32			11	1
	Перекладознавства імені Миколи Лукаша	15		3	10	4
	Східних мов та міжнародної комунікації	14			2	-
Історичний	Історії Східної Європи	5		1	5	33
	Історії стародавнього світу та середніх віків	7			7	2
	Історії України	8		1	8	3
	Історіографії, джерелознавства та археології	10		1	10	4
	Нової та новітньої історії	8	1		8	2
Комп'ютерних наук	Безпеки інформаційних систем і технологій	18		4	15	9
	Електроніки й управляючих систем	8		3	5	2
	Моделювання систем і технологій	14		2	9	2
	Теоретичної та прикладної системотехніки	15		4	11	6
	Штучного інтелекту та програмного забезпечення	11			9	1
Медичний	Акушерства та гінекології	12		1	9	3
	Внутрішньої медицини	28		2	7	1
	Гігієни та соціальної медицини	24		1	10	1

	Загальної практики – сімейної медицини	28			19	1
Медичний	Загальної і клінічної імунології та алергології	22		1	8	1
	Загальної та клінічної патології	16			10	1
	Професійної внутрішньої медицини та фізичної реабілітації	21			5	-
	Клінічної неврології, психіатрії та наркології	4		2	4	3
	Педіатрії 1	15			11	1
	Педіатрії 2	9			8	2
	Психіатрії, наркології, неврології та медичної психології	16			13	3
	Хірургічних хвороб	21		1	10	3
	Хірургічних хвороб, оперативної хірургії та топографічної анатомії	33			14	1
	Анатомії людини	11			5	1
Математики і інформатики	Вищої математики та інформатики	5			3	-
	Фундаментальної математики	23			20	5
	Прикладної математики	15			15	4
	Теоретичної та прикладної інформатики	14			11	3
Міжнародних економічних відносин та туристичного бізнесу	Міжнародного бізнесу та економічної теорії	14			9	5
	Міжнародної електронної комерції та готельно-ресторанної справи	7			6	1
	Міжнародних економічних відносин	28		1	20	4
	Міжнародних відносин, міжнародної інформації та безпеки	11			7	-
	Туристичного бізнесу	21			16	-
Психології	Загальної психології	9			9	2
	Педагогіки	7			5	-
	Прикладної психології	16			13	2
	Психологічного консультування і психотерапії	5		1	3	1
Радіофізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	4		1	4	3
	Космічної радіофізики	5			5	2
	Молекулярної і медичної біофізики	7		1	7	-
	Прикладної електродинаміки	8		2	7	1
	Теоретичної радіофізики	5		2	5	3
	Фізики надвисоких частот	6		1	6	2
	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	7		1	6	2
Соціологічний	Медіа-комунікацій	7			1	1
	Методів соціологічних досліджень	8			4	-
	Політичної соціології	8		2	6	-
	Прикладної соціології та	14			11	2

	соціальних комунікацій					
	Соціології	12			11	3
Соціологічний	Соціології управління та соціальної роботи	10			9	1
Фізико-енергетичний	Охорони праці та безпеки життєдіяльності	1			1	-
	Інформаційних технологій у фізико-енергетичних системах	10			6	1
	Теплофізики та молекулярної фізики	5			5	1
	Фізики нетрадиційних енерготехнологій та екології	3			3	-
Фізико-технічний	Матеріалів реакторобудування та фізичних технологій	11		2	10	5
	Прикладної фізики та фізики плазми	11	1	1	10	3
	Теоретичної ядерної фізики та вищої математики імені О. І. Ахієзера	6		1	5	2
	Ядерної та медичної фізики	8		1	8	3
Фізичний	Астрономії та космічної інформатики	6		1	5	2
	Вищої математики	8			7	2
	Експериментальної фізики	10			8	2
	Загальної фізики	8			6	2
	Теоретичної фізики імені академіка І. М. Ліфшиця	4			4	1
	Фізики кристалів	5			5	1
	Фізики низьких температур	6		1	6	1
	Фізики твердого тіла	6			6	2
Фізичної оптики	4		2	3	-	
Філологічний	Журналістики	16			12	2
	Загального та прикладного мовознавства	9			4	-
	Історії зарубіжної літератури і класичної філології	21		1	10	2
	Історії російської літератури	10		2	10	2
	Історії української літератури	16		3	15	5
	Російської мови	11			8	1
	Української мови	19		6	15	1
Філософський	Валеології	13			10	1
	Політології	20	1	1	18	5
	Теоретичної і практичної філософії	21			21	8
	Теорії культури і філософії науки	17			16	8
	Українознавства	20			17	5
Хімічний	Неорганічної хімії	8		2	6	2
	Органічної хімії	7		5	7	3
	Прикладної хімії	7		1	5	1
	Фізичної хімії	8		1	8	2
	Хімічного матеріалознавства	6		1	6	2
	Хімічної метрології	8			7	1
Юридичний	Державно-правових дисциплін	26		4	22	6
	Конституційного, муніципального права	7		1	6	1
	Кримінально-правових дисциплін	11		3	11	4

	Міжнародного і європейського права	8		1	6	2
Юридичний	Цивільно-правових дисциплін	16		3	13	4
Навчально-науковий інститут міжнародної освіти		90			35	1
Навчально-науковий інститут «Каразінська школа бізнесу»		18		1	17	5
Інститут післядипломної освіти та заочного (дистанційного) навчання		14			1	-
Кафедра фізичного виховання та спорту		30			3	-
Наукові працівники (штатні працівники НДЧ), усього		188			100	18
<b>РАЗОМ:</b>		<b>1 898</b>	<b>5</b>	<b>100</b>	<b>1 249</b>	<b>339</b>

Таблиця 4

## Наукометричні показники

Факультет (інститут)	Кафедра, відділ тощо	Прізвище, ім'я, по батькові наукового, науково-педагогічного працівника	ID Scopus (за наявності)	Індекс Гірша Scopus	ID Web of Science	Індекс Гірша Web of Science
Біологічний	Кафедра мікології і фітоімунології	Акулов Олександр Юрійович	56557989600	6	–	6
Біологічний	Кафедра зоології і екології тварин	Атемасов Андрій Анатолійович	36016038200	2	–	–
Біологічний	Кафедра генетики і цитології	Атраментова Любов Олексіївна	7004037223	9	–	7
Біологічний	Кафедра зоології і екології тварин	Бірюк Ольга Вікторівна	57188821679	1	–	–
Біологічний	Кафедра зоології і екології тварин	Владимирська (Коваленко) Марина Вікторівна	55351599400	2	–	–
Біологічний	Кафедра зоології і екології тварин	Вязовська Ольга Володимирівна	55933540700	2	–	–
Біологічний	Кафедра фізіології людини та тварин	Гарькавенко Володимир Володимирович	57019029900	2	–	–
Біологічний	Кафедра ботаніки та екології рослин	Горбулін Олег Станіславович	14015500400	2	–	–
Біологічний	Кафедра ботаніки та екології рослин	Громакова Алла Борисівна	57195775681	1	–	–
Біологічний	Кафедра зоології і екології тварин	Зіненко Олександр Іванович	36017989300	7	N-4867-2015 orcid.org/0000-0001-5228-9940	8
Біологічний	Кафедра фізіології і біохімії рослин та мікроорганізмів	Колупаєв Юрій Євгенійович	8370565200	8	–	6
Біологічний	Кафедра зоології і екології тварин	Коршунов Олексій Владиславович	26532860800	1	–	–
Біологічний	Кафедра фізіології людини та тварин	Наглов Олександр Володимирович	57190679687	1	–	–
Біологічний	Кафедра біохімії	Охрименко Світлана Миколаївна	12764935200	1	–	–
Біологічний	Кафедра зоології і екології тварин	Полчанінова Ніна Юріївна	55850688600	4	–	1
Біологічний	Кафедра зоології і екології тварин	Ронкін Володимир Ісакович	8714467700	3	–	–

Біологічний	Кафедра зоології і екології тварин	Савченко Галина Олександрівна	7003417388	3	–	–
Біологічний	Кафедра зоології і екології тварин	Токарський Віктор Арсенійович	37091574500	1	–	–
Біологічний	Кафедра генетики і цитології	Утевська Ольга Михайлівна	35390340700	9	–	9
Біологічний	Кафедра зоології і екології тварин	Утевський Андрій Юрійович	16204749800	3	–	–
Біологічний	Кафедра зоології і екології тварин	Утевський Сергій Юрійович	56067435400	9	–	10
Біологічний	Кафедра зоології і екології тварин	Шабанов Дмитро Андрійович	26533348800	4	J-5370-2014 orcid.org/0000-0003-3247-6882	5
Біологічний	Кафедра мікології і фітоімунології	Шамрай Сергій Миколайович	36890924800	3	–	–
Біологічний	Кафедра мікології і фітоімунології	Шкорбатов Юрій Григорович	6602567111	8	–	4
Біологічний	Кафедра мікології і фітоімунології	Яцок Ірина Ігорівна	57200826013	1	–	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Гусева Наталія Володимирівна	56785509500	1	E-9540-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Кобилін Павло Олексійович	56677677700	1	E-9284-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Костріков Сергій Васильович	57192712694	1	–	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Немець Людмила Миколаївна	56786611400	1	E-8259-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Немець Костянтин Аркадійович	56770120900	1	E-9376-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Сегіда Катерина Юріївна	57192715750	1	E-8347-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Телебенева Євгенія Юріївна	57204938923	1	–	–
Екологічний	Моніторингу довкілля та природокористування	Клещ Анастасія Анастоліївна	-	-	I-3165-2018	1
Екологічний	Моніторингу довкілля та природокористування	Максименко Надія Василівна	-	-	I-3796-2018	1
Екологічний	Кафедра екологічної безпеки і екологічної освіти	Некос Алла Наумівна	56437731700	1	I-3606-2018	0
Екологічний	Кафедра екологічної безпеки і екологічної освіти	Пеліхатий Микола Михайлович	-	-	-	1
Економічний	Кафедра економічної кібернетики та прикладної економіки	Біткова Тетяна Вікторівна	57191883783	1	-	-
Економічний	Кафедра фінансів, банківської справи та страхування	Глуценко Ольга Вікторівна	57191747826	0	D-2329-2019	1
Економічний	Кафедра економічної кібернетики та прикладної економіки	Ковпак Ельвіра Олександрівна	57203395831	1	-	-
Економічний	Кафедра економічної кібернетики та	Кононова Катерина Вікторівна	55344746700	1	-	-

	прикладної економіки					
Економічний	Кафедра економічної кібернетики та прикладної економіки	Меркулова Тамара Вікторівна	57190256768	1	-	-
Іноземних мов	Кафедра англійської мови	Скриль Оксана Іванівна	57190008315	1	-	-
Комп'ютерних наук	Кафедра моделювання систем і технологій	Гамзаєв Рустам Олександрович	56667733200	1	-	1
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Горбенко Іван Дмитрович	6603317716	5	-	2
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Гущин Іван Валерійович	36622355800	1	-	1
Комп'ютерних наук	Кафедра теоретичної та прикладної системотехніки	Доля Григорій Миколайович	8590318100	1	-	1
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Єсін Віталій Іванович	57202338524	2	-	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Єсіна Марина Віталіївна	57194034127	1	-	0
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Замула Олександр Андрійович	57194561322	1	-	0
Комп'ютерних наук	Кафедра моделювання систем і технологій	Зінов'єв Дмитро Володимирович	6701379344	1	-	-
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Ісірова Катерина Володимирівна	57194778171	1	-	0
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Карась Ірина В'ячеславівна	6602434293	3	-	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Колованова Євгенія Павлівна	57194029246	2	-	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кошман Сергій Олександрович	56430931600	2	-	1
Комп'ютерних наук	Кафедра електроніки і управляючих систем	Краснобаєв Віктор Анатолійович	51461515000	2	-	1
Комп'ютерних наук	Кафедра електроніки і управляючих систем	Кропотов Олександр Юрійович	6701861714	1	-	1
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кузнецов Олександр Олександрович	55428957200	8	-	4
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Куклін Володимир Михайлович	7005807989	2	-	2
Комп'ютерних наук	Кафедра теоретичної та прикладної системотехніки	Кучук Ніна Георгіївна	57196006131	1	-	-
Комп'ютерних наук	Кафедра моделювання систем і технологій	Лазурик Валентин Тимофійович	6701689921	5	-	1
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Лазурик Валентина Михайлівна	6701689920	3	-	1

Комп'ютерних наук	Кафедра моделювання систем і технологій	Мартінкус Ірина Олегівна	57195071539	2	–	-
Комп'ютерних наук	Кафедра моделювання систем і технологій	Нагорний Костянтин Анатолійович	56667757400	1	–	1
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Нарежний Олексій Павлович	57201777102	1	–	0
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Олешко Олег Іванович	36104523400	1	–	–
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Олійников Роман Васильович	36104503000	4	–	3
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Поклонський Євген Васильович	6602646288	2	–	1
Комп'ютерних наук	Кафедра моделювання систем і технологій	Попов Геннадій Федорович	7103133764-	3	–	1
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Приймак Олексій Вікторович	56826151900	2	–	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Рассомахін Сергій Геннадійович	6602387161	2	–	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Родінко Марія Юріївна	57194032767	2	–	2
Комп'ютерних наук	Кафедра моделювання систем і технологій	Рудичев Дмитро Володимирович	6504488714	1	–	-
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Сватовський Ігор Іванович	6506147517	1	–	1
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Севидов Сергій Михайлович	-	-	–	1
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Споров Олександр Євгенович	6505934301	4	–	1
Комп'ютерних наук	Кафедра моделювання систем і технологій	Ткачук Микола В'ячеславович	56712118300	2	–	1
Комп'ютерних наук	Кафедра теоретичної та прикладної системотехніки	Угрюмов Михайло Леонідович	55819006000	1	–	1
Математики і інформатики	Кафедра прикладної математики	Ігнатович Світлана Юріївна	6603696965	6	У-8438-2018	6
Математики і інформатики	Кафедра вищої математики і інформатики	Анощенко Ольга Олексіївна	6505939758	2	–	2
Математики і інформатики	Кафедра фундаментальної математики	Вишнякова Ганна Марківна	6508012873	3	–	3
Математики і інформатики	Кафедра фундаментальної математики	Гефтер Сергій Леонідович	6506698897	3	–	2
Математики і інформатики	Кафедра фундаментальної математики	Гордевський В'ячеслав Дмитрович	6506402636	5	–	3
Математики і інформатики	Кафедра фундаментальної математики	Дубовий Володимир Кирилович	8722805000	2	–	3
Математики і інформатики	Кафедра теоретичної та	Жолткевич Григорій	55557328000	4	Е-2058-2011	2



інформатики	прикладної інформатики	Миколайович				
Математики і інформатики	Кафедра вищої математики і інформатики	Загороднюк Сергій Михайлович	12807507000	4	–	3
Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Зарецька Ірина Тимофіївна	55557172700	2	–	-
Математики і інформатики	Кафедра фундаментальної математики	Кадець Володимир Михайлович	8327107100	13	–	12
Математики і інформатики	Кафедра фундаментальної математики	Каролінський Євген Олександрович	6506226804	4	–	3
Математики і інформатики	Кафедра прикладної математики	Кізілова Наталія Миколаївна	6602955242	6	–	5
Математики і інформатики	Кафедра прикладної математики	Коробов Валерій Іванович	57197682599	6	–	3
Математики і інформатики	Кафедра вищої математики і інформатики	Кудінцева Ірина Георгіївна	6506783974	7	–	5
Математики і інформатики	Кафедра вищої математики і інформатики	Лисиця Віктор Тимофійович	36792914900	1	–	1
Математики і інформатики	Кафедра прикладної математики	Несвіт Катерина Віталіївна	54389906300	2	–	0
Математики і інформатики	Кафедра прикладної математики	Пацегон Микола Федорович	6603250978	2	–	2
Математики і інформатики	Кафедра прикладної математики	Півень Олексій Леонідович	57195721270	1	–	-
Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Полякова Людмила Юріївна	23028761300	1	–	1
Математики і інформатики	Кафедра прикладної математики	Пославський Сергій Олександрович	36125411600	2	–	2
Математики і інформатики	Кафедра прикладної математики	Ревіна Тетяна Володимирівна	56458385400	1	–	1
Математики і інформатики	Кафедра вищої математики і інформатики	Резуненко В'ячеслав Олексійович	24341733300	3	–	1
Математики і інформатики	Кафедра фундаментальної математики	Резуненко Олександр В'ячеславович	6602980787	11	–	12
Математики і інформатики	Кафедра фундаментальної математики	Фаворов Сергій Юрійович	6603446713	5	–	4
Математики і інформатики	Кафедра фундаментальної математики	Фастовська Тамара Борисівна	16303962900	3	–	3
Математики і інформатики	Кафедра фундаментальної математики	Шугайло Олена Олексіївна	55850416800	1	–	1
Математики і інформатики	Кафедра фундаментальної математики	Щербина Олексій Сергійович	13202992700	2	–	3
Математики і інформатики	Кафедра фундаментальної математики	Ямпольський Олександр Леонідович	6507412115	3	–	3
Медичний	Кафедра загальної та клінічної патології медичного факультету	Айдарова Вікторія Сергіївна	5719067901	1	–	–
Медичний	Кафедра внутрішньої медицини	Аль-Травнех Олена Володимирівна	57201614148	1	–	-
Медичний	Кафедра внутрішньої	Бутова Тетяна	55864484300	4	–	-

	медицини	Сергіївна				
Медичний	Кафедра гігієни та соціальної медицини	В'язовська Ольга Василівна	55933540700	2	-	-
Медичний	Кафедра гігієни та соціальної медицини	Воробйов Сергій Миколайович	56262738500	3	-	-
Медичний	Кафедра загальної та клінічної патології медичного факультету	Козлова Тетяна Владиславівна	5598765440	1	-	-
Медичний	Кафедра гігієни та соціальної медицини	Мартиненко Олександр Віталійович	16203353000	1	-	-
Медичний	Кафедра клінічної неврології, психіатрії та наркології	Міщенко Тамара Сергіївна	57188827806 57191874933	1 2	-	-
Медичний	Кафедра загальної та клінічної патології медичного факультету	Падалко Володимир Ілліч	55968793000 7003677805	3 3	K-7265-2016	3
Медичний	Кафедра загальної та клінічної патології медичного факультету	Проценко Олена Сергіївна	57204074998	1	-	-
Медичний	Кафедра загальної та клінічної патології медичного факультету	Ремньова Наталія Олексіївна	56737017200	1	E-9261-2019	1
Медичний	Кафедра загальної та клінічної патології медичного факультету	Чумак Любов Ігорівна	56539828200	1	-	-
Медичний	Кафедра загальної та клінічної патології медичного факультету	Шатровський Олександр Георгійович	57195557196	1	-	1
Міжнародних економічних відносин та туристичного бізнесу	Кафедра міжнародної електронної комерції та готельно-ресторанної справи	Бабенко Віталіна Олексіївна	56658371300	4	E-6521-2018	7
Міжнародних економічних відносин та туристичного бізнесу	Кафедра міжнародних економічних відносин	Матюшенко Ігор Володимирович	6508128709	-	E-1648-2018	1
Міжнародних економічних відносин та туристичного бізнесу	Кафедра міжнародних відносин, міжнародної інформації та безпеки	Червяцова Аліна Олегівна	55834998400	1	-	-
НДІ астрономії		Ахметов Володимир Сабірджанович	26021682900	6	E-8461-2019	6
НДІ астрономії		Бельська Ірина Миколаївна	6603008943	24	A-7312-2013	20
НДІ астрономії		Величко Ганна Борисівна	36142485000	4	-	1
НДІ астрономії		Величко Сергій Федорович	14831813300	5	F-2999-2019	5
НДІ астрономії		Голубаєв Олександр Володимирович	15019553300	2	F-3149-2019	2
НДІ астрономії		Громакіна Тетяна Андріївна	57194008382	1	F-3191-2019	1
НДІ астрономії		Довгопол Анатолій Миколайович	6602481876	3	F-3119-2019	2
НДІ астрономії		Железняк Олександр Петрович	7004029309	7	F-3112-2019	7
НДІ астрономії		Кайдаш Вадим Григорович	6508209235	16	E-6065-2019	16

НДІ астрономії		Корохін Віктор Валентинович	6508015051	11	-	10
НДІ астрономії		Кочетов Олексій Євгенович	7006026157	3	-	-
НДІ астрономії		Круглий Юрій Миколайович	6602552729	21	O-7164-2018	17
НДІ астрономії		Лупішко Дмитро Федорович	9133138500	12	F-4643-2019	8
НДІ астрономії		Марченко Геннадій Петрович	8522953400	2	F-3112-2019	2
НДІ астрономії		Опанасенко Микола Вікторович	9038793500	12	-	11
НДІ астрономії		Слюсарев Іван Григорович	35070421300	6	-	6
НДІ астрономії		Станкевич Дмитро Геннадійович	6604014398	16	-	16
НДІ астрономії		Федоров Петро Миколайович	26021753800	6	-	10
НДІ астрономії		Чорний Василь Григорович	6507331414	13	F-4963-2019	10
НДІ астрономії		Шевченко Василь Григорович	7401566756	21	-	17
НДІ астрономії		Шкуратов Юрій Григорович	7003941622	37	-	35
НДІ біології		Божков Анатолій Іванович	7004208964	5	-	-
НДІ біології		Голтвянський Анатолій Володимирович	42461374200	1	-	-
НДІ біології		Ковальова Марина Костянтинівна	50761266900	1	-	-
НДІ біології		Кузнецова Юлія Олександрівна	15760146500	2	-	-
НДІ біології		Сидоров Вадим Іванович	36345102000	1	-	-
НДІ хімії	Радіохімії і радіоекології	Єфімова Наталія Віталіївна	24074357200	1	-	1
НДІ хімії	Радіохімії і радіоекології	Краснопьорова Алла Петрівна	6507856156	2	-	1
НДІ хімії	Фізичної хімії і електрохімії розчинів	Ларін Василь Іванович	7101612548	4	-	3
НДІ хімії	Фізичної хімії і електрохімії розчинів	Самойлов Євген Олексійович	9043634600	1	-	1
НДІ хімії	Фізичної хімії і електрохімії розчинів	Цурко Олена Миколаївна	6602160504	6	-	6
НДІ хімії	Фізичної хімії і електрохімії розчинів	Шаповалов Сергій Андрійович	7006531777	8	-	6
НДІ хімії	Радіохімії і радіоекології	Юхно Галина Дмитрівна	24074985600	1	-	1
ННІ «Каразінська школа бізнесу»	Кафедра управління та адміністрування	Третяк Вікторія Павлівна	36069662200	1	-	-
Соціологічний	Кафедра методів соціологічних досліджень	Кізілова Ксенія Олександрівна	55249949100	5	-	-
Соціологічний	Кафедра методів соціологічних досліджень	Коритнікова Надія Володимирівна	36241779700	1	-	-
Соціологічний	Кафедра соціології	Ніколаєвський Валерій Миколайович	57205396083	1	-	-
Соціологічний	Кафедра соціології	Філіппова Ольга Аркадіївна	7004663298	3	-	-

Факультет психології	Кафедра прикладної психології	Кряж Ірина Володимирівна	15058989600	1	Е-9588-2019	1
Факультет психології	Кафедра прикладної психології	Луценко Олена Львівна	56113074300	1	М-3160-2018	-
Факультет психології	Кафедра прикладної психології	Павленко Валентина Миколаївна	7102811365	2	-	-
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Антоненко Євген Олександрович	35217523400	2	-	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Антюфєєва Марія Станіславівна	56061228900	5	-	4
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Аркуша Юрій Васильович	6603759223	3	-	4
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Ахмедов Ролан Джавадович	56414594400	2	-	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Багацька Ольга В'ячеславівна	6601960216	1	-	-
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Баскаков Олег Ігорович	6701818356	10	-	-
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Батраков Дмитро Олегович	8299693500	8	-	5
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Белошенко Костянтин Сергійович	24474020000	2	-	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Бердник Сергій Леонідович	8342564200	7	І-1142-2015	3

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Биков Віктор Миколайович	57200744151	3	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Блінова Наталія Костянтинівна	7003941013	3	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Боцула Олег Вікторович	9433943700	4	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Булгакова Ганна Олексіївна	8379855500	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Бутрим Олександр Юрійович	6505895155	7	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Гармаш Костянтин Петрович	6506285674	2	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Горобець Микола Миколайович	7003374031	5	–	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Горобець Олексій Миколайович	56366972700	1	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра молекулярної і медичної біофізики	Горобченко Ольга Олександрівна	13608385700	3	D-9571-2016	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Гурін Олег Валентинович	6603930915	4	–	3

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Дегтярьов Андрій Вікторович	7007137133	4	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Думін Олександр Миколайович	8356089400	7	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Дюбко Станіслав Пилипович	6701504938	13	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Елисеєва Надія Петрівна	6507075476	5	–	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Карпов Анатолій Іванович	57197027186	1	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Катрич Віктор Олександрович	6602560537	9	Е-8510-2019	5
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Катрич Геннадій Сергійович	6701434656	4	–	5
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Кійко Віктор Іванович	23108967300	4	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Кожешкурт Валентин Олександрович	57192199074	1	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Колчигін Микола Миколайович	6603108722	5	–	3

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Лазоренко Олег Валерійович	8221324700	5	–	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Левченко Олександр Миколайович	8586634700	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Легенький Максим Миколайович	24341144000	5	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Ляховський Анатолій Федорович	8280077000	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізики НВЧ	Майборода Дмитро Володимирович	8275326600	4	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Мартиненко Сергій Ігорович	55893383500	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Маслов В'ячеслав Олександрович	7202893705	4	I-8314-2014	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Медведев Микола Володимирович	45561590800	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Мустицов Микола Петрович	6506788314	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Набока Анатолій Михайлович	6507680027	1	–	1

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Нестеренко Михайло Васильович	7003825175	8	–	4
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра молекулярної і медичної біофізики	Ніколов Олег Тимофійович	57191222627	5	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Овсяннікова Олена Євгеніївна	24342024400	2	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра молекулярної і медичної біофізики	Овсяннікова Тетяна Миколаївна	16646352200	1	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Плахтій Вадим Анатолійович	56784201500	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Полянський Микола Єгорович	8362852000	1	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Приходько Кирило Геннадійович	57206855930	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Пушин Володимир Федорович	8968071000	2	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Пшенична Світлана Вікторівна	24376916200	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Рибін Олег Миколайович	24341654900	7	–	6



Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Розуменко Віктор Тимофійович	6603578904	3	–	4
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Рябих Валерій Миколайович	6506555856	2	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Селютін Андрій Вікторович	55975903800	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Сенюта Владислав Станіславович	53986495200	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Тирнов Олег Федорович	6602956108	5	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Титар Володимир Петрович	8633977600	6	–	4
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Тішко Дмитро Миколайович	8633977700	4	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Федоренко Юрій Петрович	14024064700	2	-	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Хардіков В'ячеслав Володимирович	14024424900	8	–	8
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Цимбал Анатолій Михайлович	6701714450	1	–	–

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Чорногор Леонід Феоктистович	6603410837	12	–	12
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Шепілко Євген Володимирович	6507241970	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізики НВЧ	Шматько Олександр Олександрович	6701472182	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Шпаченко Ольга Володимирівна	8302600700	1	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Шульга Сергій Миколайович	57201193415	4	–	2
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Віхтинська Тетяна Геннадіївна	57190213505	1	–	1
Фізико-енергетичний	Кафедра фізики нетрадиційних енерготехнологій та екології	Кудрявцев Ігор Миколайович	16448071800	1	–	2
Фізико-енергетичний	Кафедра фізики нетрадиційних енерготехнологій та екології	Марущенко Ілля Миколайович	13607827100	3	F-2732-2019	3
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Немченко Костянтин Едуардович	7004032935	12	J-2751-2015	11
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Рогова Світлана Юріївна	54999541600	2	–	2
Фізико-енергетичний	Кафедра фізики нетрадиційних енерготехнологій та екології	Семененко Володимир Єгорович	16424619300	1	–	2
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Сухов Руслан Володимирович	35782334600	5	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Азаренков Микола Олексійович	7005703838	16	–	17
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Афанасьєва Інна Олексіївна	35725250200	2	M545-2018	1
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Бабенко Євгенія Віталіївна	57192714204 36700952500	4	–	1

Фізико-технічний	Кафедра ядерної та медичної фізики	Бараннік Євген Олександрович	6701545027	4	–	5
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Бережній Юрій Анатолійович	6701511921	7	–	7
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Береснев В'ячеслав Мартинович	26530793400	20	–	18
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Бізуков Олександр Анатолійович	6603345699	5	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Бобков Валентин Васильович	35357828100	5	–	5
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Богатиренко Сергій Іванович	6506339023	8	–	7
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Бурмака Геннадій Павлович	55542025400	2	–	2
Фізико-технічний	Кафедра ядерної та медичної фізики	Вус Катерина Олександрівна	55081964400	4	J-8502-2014 F-6003-2017	4
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Галайдич Віктор Кімович	15768592400	1	G-3119-2018	1
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Гамаюнова Любов Олександрівна	36821043800	2	–	1
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Гапон Олександр Вікторович	6602921948	4	–	4
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Гах Андрій Геннадійович	9336098500	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Гірка Ігор Олександрович	7004125956	7	–	8
Фізико-технічний	Кафедра ядерної та медичної фізики	Гірник Сергій Арнольдович	7801629390	3	N-7398-2018	3
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Голубов Олексій Андрійович	55232904100	4	N-6397-2018	4
Фізико-технічний	Кафедра ядерної та медичної фізики	Горбенко Галина Петрівна	7003786313	15	–	16
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Гречко Ярослав Олегович	56449199100	2	–	1
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Грицина Валентина Валентинівна	7006219981	6	–	5
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Грицина Василь Тимофійович	35585090300	18	–	14
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Дахов Олександр	55542209400	1	–	1
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Денисенко Ігор Борисович	6602888962	19	–	18
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Дудін Станіслав Валентинович	6701806106	8	–	6
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Журенко Віталій Павлович	6602495819	4	–	3

Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Заславський Олег Борисович	7004014451	21	–	18
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Зиков Олександр Володимирович	7006841387	5	–	5
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Івко Сергій Вікторович	36622085100	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Калантарян Оганес Ваганович	6506609074	3	–	2
Фізико-технічний	Кафедра ядерної та медичної фізики	Кізім Павло Семенович	6506749758	2	–	–
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Кобяков Володимир Аркадійович	7006814110	5	–	5
Фізико-технічний	Кафедра ядерної та медичної фізики	Ковтун Володимир Євгенович	7006098715	7	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Ковтуненко Юрій Іванович	6506730707	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Кононенко Сергій Ігнатович	7003500101	5	–	5
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Коппе Валерій Тимофійович	6507889891	2	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Литвинов Віктор Олексійович	7201710147	2	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Литовченко Сергій Володимирович	56962782700	5	–	3
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Лісовський Валерій Олександрович	6601959031	17	–	13
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Логачев Юрій Євгенійович	7003790973	2	–	2
Фізико-технічний	Кафедра ядерної та медичної фізики	Малихіна Тетяна Василівна	6508299844	3	–	3
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Мисюра Ілля Миколайович	47061681100	2	–	1
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Міненко Олексій Олександрович	54401461700	6	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Оксенюк Іван Іванович	56312477000	1	–	1
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Олефір Володимир Петрович	56061617100	4	–	5
Фізико-технічний	Кафедра ядерної та медичної фізики	Онищенко Геннадій Михайлович	16020888800	6	–	2
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О. І. Ахієзера	Павленко Іван Вікторович	7005718813	7	–	7
Фізико-технічний	Кафедра ядерної та медичної фізики	Раткевич Сергій Станіславович	6603634096	9	–	7
Фізико-технічний	Кафедра ядерної та медичної фізики	Рижова Ольга Анатоліївна	57041035100	5	–	4
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Ромашенко Олена Володимирівна	35068397700	3	–	3
Фізико-технічний	Кафедра ядерної та медичної фізики	Рудичев Володимир Григорович	6603259786	3	–	2

Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Рябчиков Дмитро Львович	6603602791	4	–	4
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Середа Ігор Миколайович	6602970374	4	–	4
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Середа Костянтин Миколайович	6505849231	4	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Сребнюк Павло Анатолійович	55651386400	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Старовойтов Роман Іванович	6504325779	3	–	0
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О. І. Ахієзера	Танатаров Ігор Володимирович	8668015800	6	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Тищенко Людмила Павлівна	7006831960	2	–	3
Фізико-технічний	Кафедра ядерної та медичної фізики	Трусова Валерія Михайлівна	36897689800	12	–	9
Фізико-технічний	Кафедра ядерної та медичної фізики	Федорець Іван Дмитрович	6602360459	3	–	3
Фізико-технічний	Кафедра ядерної та медичної фізики	Хлапова Ніна Петрівна	6508190521	2	–	2
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О. І. Ахієзера	Ходусов Валерій Дмитрович	6507396903	2	–	3
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Целуйко Олександр Федорович	25642173400	4	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Чишкала Володимир Олексійович	56807017100	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Чібісов Олександр Дмитрович	35067904500	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Чунадра Анатолій Григорович	6503954847	2	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Шевченко Дмитро Іванович	7004662579	5	–	5
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Шишкін Олег Олександрович	6503976394	4	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Юнаков Микола Миколайович	6602518444	4	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Яковін Станіслав Дмитрович	6508256906	6	–	5
Фізичний	Кафедра фізичної оптики	Агєєв Леонід Опанасович	7003644469	8	–	–
Фізичний	Кафедр фізики твердого тіла	Бадян Євген Юхимович	16498615800 24576303600	2	N-3171-2018	–
Фізичний	Кафедра фізики низьких температур	Білецький Володимир Іванович	7004105262 7006348966	5	–	–
Фізичний	Кафедр фізики кристалів	Богданов Валерій Віталійович	7102093161	7	-	-
Фізичний	Кафедр фізики кристалів	Бойко Юрій Іванович	7006614894 5546630400	8	-	-
Фізичний	Кафедра загальної фізики	Ванькевич Олександр Вікторович	6505975972	2	-	-

Фізичний	Кафедра фізики низьких температур	Вовк Руслан Володимирович	6602898343	32	–	–
Фізичний	Кафедра фізичної оптики	Галунов Микола Захарович	6701917877	10	S-2524-2018	10
Фізичний	Кафедр фізики твердого тіла	Гончаренко Антон Володимирович	37018248000	3	–	–
Фізичний	Кафедра фізики низьких температур	Гриб Олександр Миколайович	7004101290	9	–	–
Фізичний	Кафедр експериментальної фізики	Дукаров Сергій Валентинович	6507246857	11	E-8562-2019	8
Фізичний	Кафедр вищої математики	Дюкарев Юрій Михайлович	6504359121	5	-	-
Фізичний	Кафедра експериментальної фізики	Егоренков Володимир Дмитрович	6602475391	14	–	–
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Єзерська Олена Володимирівна	6602585206	3	E-8585-2019	3
Фізичний	Кафедр астрономії та космічної інформатики	Захожай Володимир Анатолійович	18635588900	2	–	–
Фізичний	Кафедра експериментальної фізики	Зетова Тетяна Расимівна	54685596300	1	–	–
Фізичний	Кафедр фізики твердого тіла	Зиман Золтан Золтанович	6601953970	15	–	–
Фізичний	Кафедра фізики низьких температур	Кислиця Максим Валерійович	57190441092	2	–	–
Фізичний	Кафедр фізики кристалів	Коршак Віра Федосіївна	710838713	5	-	-
Фізичний	Кафедра загальної фізики	Кунцевич Станіслав Петрович	6602255715	4	-	-
Фізичний	Кафедра експериментальної фізики	Лебедев Сергій Вікторович	57194783510	3	–	–
Фізичний	Кафедра фізичної оптики	Лимар Валентин Іванович	6507493322	3	E-9468-2019	3
Фізичний	Кафедра теоретичної фізики імені академіка І. М. Ліфшиця	Любімов Олег Іванович	6602215576	2	–	6
Фізичний	Кафедра фізичної оптики	Макаровський Микола Олександрович	8847007000	1	–	–
Фізичний	Кафедра фізичної оптики	Маковецький Євген Дмитрович	6506974198	4	S-6264-2018	3
Фізичний	Кафедра загальної фізики	Мозуль Костянтин Олександрович	54385723000	2	-	-
Фізичний	Кафедр фізики кристалів	Нацик Василь Дмитрович	7005545153	14	-	-
Фізичний	Кафедра фізичної оптики	Овчаренко Олександр Петрович	35853130700	1	–	–
Фізичний	Кафедр експериментальної фізики	Петрушенко Сергій Іванович	56029290300	8	E-8542-2019	6
Фізичний	Кафедра експериментальної фізики	Пойда Володимир Павлович	6505912521	4	H-1224-2017	4
Фізичний	Кафедра теоретичної фізики імені академіка І. М. Лівшиця	Рашба Георгій Ілліч	13005750500	5	-	4
Фізичний	Кафедр фізики твердого тіла	Рохмістров Дмитро Володимирович	14033413500	6	–	–
Фізичний	Кафедра загальної фізики	Савченко Олена Максимівна	8369618100	1	-	-
Фізичний	Кафедр експериментальної фізики	Самсонік Олександр Лукич	6603659584	4	E-9245-2019	4

Фізичний	Кафедр експериментальної фізики	Сухов Володимир Миколайович	7005223244	10	Е-9219-2019	8
Фізичний	Кафедра загальної фізики	Таранова Інна Анатоліївна	6506863145	1	-	-
Фізичний	Кафедр фізики твердого тіла	Ткаченко Микола Васильович	23768425900	5	-	-
Фізичний	Кафедр фізики твердого тіла	Тонкопряд Алла Григорівна	6506622391	2	-	-
Фізичний	Кафедра фізики низьких температур	Хаджай Георгій Ярославович	6506908246	10	-	-
Фізичний	Кафедр вищої математики	Чибісов Дмитро Васильович	6507921519	5	-	-
Фізичний	Кафедр експериментальної фізики	Чурілов Ігор Георгійович	54960972400	3	Е-9266-2019	2
Фізичний	Кафедра експериментальної фізики	Шеховцов Олег Валерійович	7801581442	3	-	-
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Шкловський Валерій Олександрович	7003889157	17	-	15
Фізичний	Кафедр фізики твердого тіла	Шуринов Роман Володимирович	24577883200	2	-	-
Фізичний	Кафедра експериментальної фізики	Шуринова Олена Володимирівна	6505938495	3	-	-
Фізичний	Кафедра фізичної оптики	Юнакова Ольга Миколаївна	6602773575	6	Е-9198-2019	6
Філософський	Кафедр теоретичної і практичної філософії	Перепелиця Олег Миколайович	57194519241	1	-	-
Хімічний	Кафедра фізичної хімії	Бондарев Микола Васильович	7005107580	5	-	-
Хімічний	Кафедра неорганічної хімії	В'юник Іван Миколайович	6603161378	2	-	-
Хімічний	Кафедра прикладної хімії	Вітушкіна Світлана Василівна	6507331488	4	-	-
Хімічний	Кафедра фізичної хімії	Водолазька Наталія Олександрівна	8041569600	15	-	14
Хімічний	Кафедра фізичної хімії	Гога Сергій Тарасович	8731865000	3	-	-
Хімічний	Кафедра органічної хімії	Дорошенко Андрій Олегович	7005978594	18	А-1569-2017	18
Хімічний	Кафедра фізичної хімії	Сльцов Сергій Віталійович	24824081900	2	-	-
Хімічний	Кафедра хімічного матеріалознавства	Захаров Антон Борисович	53864282200	3	Р-5532-2016	3
Хімічний	Кафедра хімічного матеріалознавства	Іванов Володимир Венедиктович	55647112600	11	-	12
Хімічний	Кафедра неорганічної хімії	Калугін Олег Миколайович	6603782503	15	-	16
Хімічний	Кафедра фізичної хімії	Камнева Ніка Миколаївна	56373379200	6	-	5
Хімічний	Кафедра органічної хімії	Кириченко Олександр Васильович	6603879776	24	Ф-1286-2011	22
Хімічний	Кафедра неорганічної хімії	Кійко Сергій Михайлович	6507638844	2	-	-
Хімічний	Кафедра органічної хімії	Коваленко Сергій Миколайович	7101988068	13	-	12
Хімічний	Кафедра неорганічної хімії	Колесник Ярослав Валентинович	7003798656	4	-	-
Хімічний	Кафедра органічної хімії	Колос Надія Миколаївна	56063456900	9	-	9
Хімічний	Кафедра органічної хімії	Колосов Максим Олександрович	23035045800	7	Ф-3601-2019	6

Хімічний	Кафедра хімічної метрології	Коновалова Ольга Юріївна	24773554100	2	–	–
Хімічний	Кафедра хімічного матеріалознавства	Коробов Олександр Ісаакович	57190867919	8	–	7
Хімічний	Кафедра неорганічної хімії	Корсун Олександр Миколайович	56040039000	4	В-9572-2019	4
Хімічний	Кафедра хімічного матеріалознавства	Котляр Володимир Миколайович	36144098500	1	–	–
Хімічний	Кафедра прикладної хімії	Кравченко Андрій Васильович	9335679700	9	–	9
Хімічний	Кафедра прикладної хімії	Кравченко Олексій Андрійович	37050770000	1	–	–
Хімічний	Кафедра прикладної хімії	Красноперова Алла Петрівна	6701719047	2	–	–
Хімічний	Кафедра фізичної хімії	Лагута Анна Миколаївна	56461333900	2	–	–
Хімічний	Кафедра фізичної хімії	Лебідь Олександр Валентинович	14525033900	5	–	–
Хімічний	Кафедра фізичної хімії	Мчедлов-Петросян Микола Отарович	6602888346	23	–	–
Хімічний	Кафедра хімічної метрології	Нікітіна Наталія Олександрівна	7101860119	4	–	–
Хімічний	Кафедра хімічного матеріалознавства	Пантелеймонов Антон Віталійович	7801330387	5	J-8893-2014	–
Хімічний	Кафедра неорганічної хімії	Панченко Валентина Григорівна	57189287790	2	U-4367-2017	2
Хімічний	Кафедра хімічної метрології	Решетняк Олена Олександрівна	6603383572	4	–	–
Хімічний	Кафедра хімічного матеріалознавства	Рошаль Олександр Давидович	6603678520	12	H-2067-2016	10
Хімічний	Кафедра неорганічної хімії	Рябчунова Анастасія Валеріївна	55749894400	1	–	–
Хімічний	Кафедра органічної хімії	Сидоренко Дмитро Юрійович	36923110700	3	R-9069-2016	–
Хімічний	Кафедра прикладної хімії	Ткаченко Володимир Володимирович	55777396100	3	–	–
Хімічний	Кафедра хімічного матеріалознавства	Ткаченко Олег Сергійович	55809109100	2	–	–
Хімічний	Кафедра фізичної хімії	Фарафонов Володимир Сергійович	56717430500	5	–	–
Хімічний	Кафедра фізичної хімії	Харченко Анастасія Юріївна	56374059600	3	–	–
Хімічний	Кафедра хімічного матеріалознавства	Хрістенко Інна Василівна	7004063527	4	–	–
Хімічний	Кафедра фізичної хімії	Чейпеш Тетяна Олександрівна	55217731100	4	–	–
Хімічний	Кафедра органічної хімії	Чепелева Людмила Володимирівна	6506932412	7	–	6
Хімічний	Кафедра прикладної хімії	Черановський Владислав Олегович	56058438500	7	–	6
Хімічний	Кафедра фізичної хімії	Шеховцов Сергій Вікторович	36776651800	6	–	–
Хімічний	Кафедра хімічної метрології	Юрченко Олег Іванович	7003279390	2	–	–
<b>РАЗОМ</b>					<b>1 787</b>	<b>1 125</b>



Таблиця 5

**Наукові, науково-педагогічні працівники, які мають не менше п'яти публікацій у періодичних виданнях, що на час публікації було включено до наукометричних баз Scopus або Web of Science**

Факультет (Інститут)	Кафедра, відділ тощо	Прізвище, ім'я, по батькові наукового, науково- педагогічног о працівника	Кіл- ть публі кацій Scopus	Назва та реквізити публікацій Scopus (прирівняні відзнаки)	Кіл-сть публіка цій Web of Science	Назва та реквізити публікацій Web of Science (прирівняні відзнаки)
Біологіч- ний	Генетики і цитології	Атраментова Любов Олексіївна	18	<ol style="list-style-type: none"> <li>1. Impact of migration on the expression of aggression and empathy in urban populations. Atramentova, L., Luchko, E., Filiptsova, O. 2018. Egyptian Journal of Medical Human Genetics. 19(2), pp. 83-86.</li> <li>2. Genomic analyses inform on migration events during the peopling of Eurasia. Pagani, L., Lawson, D. J., Jagoda, E., (...), Kivisild, T., Metspalu, M. 2016. Nature. 538(7624), pp. 238-242.</li> <li>3. Aggression and empathy as genetic differentiation factors of urban population. Atramentova, L. A., Luchko, E. N. 2016. Genetika. 52(6), pp. 705-712.</li> <li>4. Aggression and empathy as genetic differentiation factors of urban population. Atramentova, L. A., Luchko, E. N. 2016. Russian Journal of Genetics. 52(6), pp. 615-621.</li> <li>5. Genetic heritage of the balto-slavic speaking populations: A synthesis of autosomal, mitochondrial and Y-chromosomal data. Kushniarevich, A., Utevska, O., Chuhryaeva, M., (...), Owings, A. C., Schurr, T. G. 2015. PLoS ONE. 10(9), e0135820.</li> <li>6. Gene pool similarities and differences between Ukrainians and Russians of Slobozhanshchina based on Y-chromosome data. Utevska, O. M., Pshenichnov, A. S., Dibirova, K. D., (...), Atramentova, L. A., Balanovsky, O. P. 2015. Cytology and Genetics. 49(4), pp. 245-253.</li> <li>7. GENE POOL SIMILARITIES AND DIFFERENCES BETWEEN UKRAINIANS AND RUSSIANS OF SLOBOZHANSCHINA ON Y-CHROMOSOME DATA. Utevska, O. M., Pshenichnov, A. S., Dibirova, Kh. D., (...), Atramentova, L. A., Balanovsky, O. P. 2015. TSitologii i genetika. 49(4), pp. 40-50.</li> <li>8. A recent bottleneck of Y chromosome diversity coincides with a global change in culture. Karmin, M., Saag, L., Vicente, M., (...), Villems, R., Kivisild, T. 2015. Genome Research. 25(4), pp. 459-466.</li> <li>9. [Characteristics of migration in the population of Yevpatoria (Crimea)]. Atramentova, L. A., Meshcheryakova, I. P., Filiptsova, O. V. 2014. Genetika. 50(9), pp. 1124-1132.</li> <li>10. Characteristics of migration in the population of Yevpatoria (Crimea). Atramentova, L. A., Meshcheryakova, I. P., Filiptsova, O. V. 2014. Russian Journal of Genetics. 50(9), pp. 994-1002.</li> <li>11. Heritability of fear: Ukrainian experience. Filiptsova, O. V., Atramentova,</li> </ol>	11	<ol style="list-style-type: none"> <li>1. Genomic analyses inform on migration events during the peopling of Eurasia. Pagani, Luca; Lawson, Daniel John; Jagoda, Evelyn; з співавторами. NATURE. 538. 7624. 238-+. OCT 13 2016.</li> <li>2. Aggression and empathy as genetic differentiation factors of urban population. Atramentova, L. A.; Luchko, E. N. RUSSIAN JOURNAL OF GENETICS. 52. 6. 615-621. JUN 2016.</li> <li>3. Genetic Heritage of the Balto-Slavic Speaking Populations: A Synthesis of Autosomal, Mitochondrial and Y-Chromosomal Data. Kushniarevich, Alena; Utevska, Olga; Chuhryaeva, Marina; з співавторами. PLOS ONE. 10. 9. e0135820. SEP 2 2015.</li> <li>4. Gene pool similarities and differences between Ukrainians and Russians of Slobozhanshchina based on Y-chromosome data. Utevska, O. M.; Pshenichnov, A. S.; Dibirova, Kh. D.; з співавторами. CYTOLOGY AND GENETICS. 49. 4. 245-253. JUL 2015.</li> <li>5. A recent bottleneck of Y chromosome diversity coincides with a global change in culture. Karmin, Monika; Saag, Lauri; Vicente, Mario; з співавторами. GENOME RESEARCH. 25. 4. 459-466. APR 2015.</li> <li>6. Populations of Transcarpathia and Bukovina on the genetic landscape of surrounding regions. Utevska, O. M.; Chukhraeva, M. I.; Agdzhojan, A. T.; з співавторами. VISNYK OF DNIPROPETROVSK UNIVERSITY-BIOLOGY MEDICINE. 6. 2. 133-140. 2015.</li> <li>7. Population distribution and ancestry of the cancer protective MDM2 SNP285 (rs117039649). Knappskog, Stian; Gansmo, Liv B.; Dibirova, Khadizha; з співавторами. ONCOTARGET. 5. 18. 8223-8234. SEP 30 2014.</li> <li>8. Characteristics of migration in the population of Yevpatoria (Crimea). Atramentova, L. A.; Meshcheryakova, I. P.; Filiptsova, O. V. RUSSIAN JOURNAL OF GENETICS. 50. 9. 994-1002. SEP 2014.</li> <li>9. Reproduction characteristics and crow's index in different groups of yevpatoria population. Atramentova, L. A.; Meshcheryakova, I. P.; Filiptsova, O. V. RUSSIAN JOURNAL OF GENETICS. 49. 12. 1219-1226. DEC 2013.</li> <li>10. Genetic Affinities of Ukrainians From the Maternal Perspective. Pshenichnov, Andrey; Balanovsky, Oleg; Utevska, Olga; з співавторами. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. 152. 4. 543-550. DEC 2013.</li> <li>11. Genetic demography of populations of three megalopolises in relation to</li> </ol>

				<p>L. A., Kobets, Y. 2014. Egyptian Journal of Medical Human Genetics. 15(4), pp. 347-353.</p> <p>12. Population distribution and ancestry of the cancer protective MDM2 SNP285 (rs117039649). Knappskog, S., Gansmo, L. B., Dibirova, K., (...), Balanovsky, O., Lønning, P. E. 2014. Oncotarget. 5(18), pp. 8223-8234.</p> <p>13. [Reproduction characteristics and Crow's index in different groups of Yevpatoria population]. Atramentova, L. A., Meshcheryakova, I. P., Filipsova, O. V. 2013. Genetika. 49(12), pp. 1398-1406.</p> <p>14. Reproduction characteristics and crow's index in different groups of yevpatoria population. Atramentova, L. A., Meshcheryakova, I. P., Filiptsova, O. V. 2013. Russian Journal of Genetics. 49(12), pp. 1219-1226.</p> <p>15. Genetic affinities of Ukrainians from the maternal perspective. Pshenichnov, A., Balanovsky, O., Utevska, O., (...), Atramentova, L., Balanovska, E. 2013. American Journal of Physical Anthropology. 152(4), pp. 543-550.</p> <p>16. Genetic demography of populations of three megalopolises in relation to the problem of creating genetic databases. Kurbatova, O. L., Pobedonostseva, E. Y., Veremeichyk, V. M., (...), Tsybovsky, I. S., Udina, I. G. 2013. Russian Journal of Genetics. 49(4), pp. 448-456.</p> <p>17. [Genetic demography of populations of three megalopolises in relation to the problem of creating genetic databases]. Kurbatova, O. L., Pobedonostseva, E. I., Veremeichik, V. M., (...), Tsybovskii, I. S., Udina, I. G. 2013. Genetika. 49(4), pp. 513-522.</p> <p>18. Q192R polymorphism of PON-1 gene in type 2 diabetes patients. Gorshunskaya, M. Yu., Karachentsev, Yu. I., Atramentova, L. A., (...), Pochernyaev, A. K., Poltorak, V. V. 2011. Cytology and Genetics. 45(1), pp. 38-40.</p>		<p>the problem of creating genetic databases. Kurbatova, O. L.; Pobedonostseva, E. Yu; Veremeichyk, V. M.; з співавторами. RUSSIAN JOURNAL OF GENETICS. 49. 4. 448-456. APR 2013.</p>
Біологічний	Генетики і цитології	Утевська Ольга Михайлівна	17	<p>1. Genetic differentiation between upland and lowland populations shapes the Y-chromosomal landscape of West Asia. Balanovsky, O., Chukhryaeva, M., Zaporozhchenko, V., (...), Tyler-Smith, C., Balanovska, E. 2017. Human Genetics. 136(4), pp. 437-450.</p> <p>2. Is there a Finno-Ugric component in the gene pool of Russians from Yaroslavl oblast? Evidence from Y-chromosome. Chukhryaeva, M. I., Pavlova, E. S., Napolskich, V. V., (...), Balanovsky, O. P., Balanovska, E. V. 2017. Russian Journal of Genetics. 53(3), pp. 388-399.</p> <p>3. Population biobanks: Organizational models and prospects of application in gene geography and personalized medicine. Balanovska, E. V., Zhabagin, M. K., Agdzhoian, A. T., (...), Pocheshkhova, E. A., Balanovsky, O. P. 2016. Russian Journal of Genetics. 52(12), pp. 1227-1243.</p> <p>4. Coloration pattern in populations of the eastern medicinal leech, <i>Hirudo orientalis</i> Utevsky &amp; Trontelj, 2005 (Clitellata, Hirudinida): geographical distribution and life history. Darabi-Darestani, K., Sari, A., Utevska, O., Utevsky, S. Y. 2016. Zoomorphology. 135(3), pp. 291-303.</p> <p>5. Human Y Chromosome Haplogroup N: A Non-trivial Time-Resolved Phylogeography that Cuts across Language Families. Ilumäe, A. -M., Reidla, M., Chukhryaeva, M., (...), Villems, R., Rootsi, S. 2016. American Journal of Human Genetics. 99(1), pp. 163-173.</p> <p>6. Genomic analyses inform on migration events during the peopling of Eurasia. Pagani, L., Lawson, D. J., Jagoda, E., (...), Kivisild, T., Metspalu, M.</p>	15	<p>1. Genetic differentiation between upland and lowland populations shapes the Y-chromosomal landscape of West Asia. Balanovsky, O.; Chukhryaeva, M.; Zaporozhchenko, V.; з співавторами. HUMAN GENETICS. 136. 4. 437-450. APR 2017.</p> <p>2. Is there a Finno-Ugric component in the gene pool of Russians from Yaroslavl oblast? Evidence from Y-chromosome. Chukhryaeva, M. I.; Pavlova, E. S.; Napolskich, V. V.; з співавторами. RUSSIAN JOURNAL OF GENETICS. 53. 3. 388-399. MAR 2017.</p> <p>3. Population Biobanks: Organizational Models and Prospects of Application in Gene Geography and Personalized Medicine. Balanovska, E. V.; Zhabagin, M. K.; Agdzhoian, A. T.; з співавторами. RUSSIAN JOURNAL OF GENETICS. 52. 12. 1227-1243. DEC 2016.</p> <p>4. Genomic analyses inform on migration events during the peopling of Eurasia. Pagani, Luca; Lawson, Daniel John; Jagoda, Evelyn; з співавторами. NATURE. 538. 7624. 238-+. OCT 13 2016.</p> <p>5. Coloration pattern in populations of the eastern medicinal leech, <i>Hirudo orientalis</i> Utevsky &amp; Trontelj, 2005 (Clitellata, Hirudinida): geographical distribution and life history. Darabi-Darestani, Kaveh; Sari, Alireza; Utevska, Olga; з співавторами. ZOOMORPHOLOGY. 135. 3. 291-303. SEP 2016.</p> <p>6. Human Y Chromosome Haplogroup N: A Non-trivial Time-Resolved Phylogeography that Cuts across Language Families. Ilumäe, Anne-Mai; Reidla, Maere; Chukhryaeva, Marina; з співавторами. AMERICAN JOURNAL OF</p>

				<p>2016. <i>Nature</i>. 538(7624), pp. 238-242.</p> <p>7. The haplomatch program for comparing Y-chromosome STR-haplotypes and its application to the analysis of the origin of Don Cossacks. Chukhryaeva, M. I., Ivanov, I. O., Frolova, S. A., (...), Balanovska, E. V., Balanovsky, O. P. 2016. <i>Genetika</i>. 52(5), pp. 595-604.</p> <p>8. The haplomatch program for comparing Y-chromosome STR-haplotypes and its application to the analysis of the origin of Don Cossacks. Chukhryaeva, M. I., Ivanov, I. O., Frolova, S. A., (...), Balanovska, E. V., Balanovsky, O. P. 2016. <i>Russian Journal of Genetics</i>. 52(5), pp. 521-529.</p> <p>9. Genetic heritage of the balto-slavic speaking populations: A synthesis of autosomal, mitochondrial and Y-chromosomal data. Kushniarevich, A., Utevska, O., Chuhryaeva, M., (...), Owings, A. C., Schurr, T. G. 2015. <i>PLoS ONE</i>. 10(9), e0135820.</p> <p>10. Gene pool similarities and differences between Ukrainians and Russians of Slobozhanshchina based on Y-chromosome data. Utevska, O. M., Pshenichnov, A. S., Dibirova, K. D., (...), Atramentova, L. A., Balanovsky, O. P. 2015. <i>Cytology and Genetics</i>. 49(4), pp. 245-253.</p> <p>11. GENE POOL SIMILARITIES AND DIFFERENCES BETWEEN UKRAINIANS AND RUSSIANS OF SLOBOZHANSHINA ON Y-CHROMOSOME DATA. Utevska, O. M., Pshenichnov, A. S., Dibirova, Kh. D., (...), Atramentova, L. A., Balanovsky, O. P. 2015. <i>TSitologija i genetika</i>. 49(4), pp. 40-50.</p> <p>12. Deep phylogenetic analysis of haplogroup G1 provides estimates of SNP and STR mutation rates on the human Y-chromosome and reveals migrations of iranic speakers. Balanovsky, O., Zhabagin, M., Agdzhoyan, A., (...), Tyler-Smith, C., Balanovska, E. 2015. <i>PLoS ONE</i>. 10(4), e0122968.</p> <p>13. A recent bottleneck of Y chromosome diversity coincides with a global change in culture. Karmin, M., Saag, L., Vicente, M., (...), Villems, R., Kivisild, T. 2015. <i>Genome Research</i>. 25(4), pp. 459-466.</p> <p>14. Ancient human genomes suggest three ancestral populations for present-day Europeans. Lazaridis, I., Patterson, N., Mittnik, A., (...), Reich, D., Krause, J. 2014. <i>Nature</i>. 513(7518), pp. 409-413.</p> <p>15. Analysis of genetic diversity of Russian regional populations based on common STR markers used in DNA identification. Pesik, V. Y., Fedunin, A. A., Agdzhoyan, A. T., (...), Orekhov, V. A., Balanovsky, O. P. 2014. <i>Genetika</i>. 50(6), pp. 715-723.</p> <p>16. Analysis of genetic diversity of Russian regional populations based on STR markers used in DNA identification. Pesik, V. Y., Fedunin, A. A., Agdzhoyan, A. T., (...), Orekhov, V. A., Balanovsky, O. P. 2014. <i>Russian Journal of Genetics</i>. 50(6), pp. 626-633.</p> <p>17. Genetic affinities of Ukrainians from the maternal perspective. Pshenichnov, A., Balanovsky, O., Utevska, O., (...), Atramentova, L., Balanovska, E. 2013. <i>American Journal of Physical Anthropology</i>. 152(4), pp. 543-550.</p>		
Біологічний	Зоології і екології тварин	Утевській Сергій Юрійович	14	<p>1. Entrapped by the uneven central and Middle Eastern terrains: Genetic status of populations of <i>Hirudo orientalis</i> (Annelida, Clitellata, Hirudinida) with a phylogenetic review of the genus <i>Hirudo</i>. Darabi-Darestani, K., Sari, A., Sarafrazi, A., Utevska, S. 2018. <i>Molecular Phylogenetics and Evolution</i>. 121, pp. 52-60.</p> <p>2. On the distribution of <i>Dina stschegolewi</i> (Hirudinida: Erpobdellidae) in the</p>	11	<p>HUMAN GENETICS. 99. 1. 163-173. JUL 7 2016.</p> <p>7. The haplomatch program for comparing Y-chromosome STR-haplotypes and its application to the analysis of the origin of Don Cossacks. Chukhryaeva, M. I.; Ivanov, I. O.; Frolova, S. A.; з співавторами. <i>RUSSIAN JOURNAL OF GENETICS</i>. 52. 5. 521-529. MAY 2016.</p> <p>8. Genetic Heritage of the Balto-Slavic Speaking Populations: A Synthesis of Autosomal, Mitochondrial and Y-Chromosomal Data. Kushniarevich, Alena; Utevska, Olga; Chuhryaeva, Marina; з співавторами. <i>PLOS ONE</i>. 10. 9. e0135820. SEP 2 2015.</p> <p>9. Gene pool similarities and differences between Ukrainians and Russians of Slobozhanshchina based on Y-chromosome data. Utevska, O. M.; Pshenichnov, A. S.; Dibirova, Kh. D.; з співавторами. <i>CYTOLOGY AND GENETICS</i>. 49. 4. 245-253. JUL 2015.</p> <p>10. Deep Phylogenetic Analysis of Haplogroup G1 Provides Estimates of SNP and STR Mutation Rates on the Human Y-Chromosome and Reveals Migrations of Iranic Speakers. Balanovsky, Oleg; Zhabagin, Maxat; Agdzhoyan, Anastasiya; з співавторами. <i>PLOS ONE</i>. 10. 4. e0122968. APR 7 2015.</p> <p>11. A recent bottleneck of Y chromosome diversity coincides with a global change in culture. Karmin, Monika; Saag, Lauri; Vicente, Mario; з співавторами. <i>GENOME RESEARCH</i>. 25. 4. 459-466. APR 2015.</p> <p>12. Populations of Transcarpathia and Bukovina on the genetic landscape of surrounding regions. Utevska, O. M.; Chukhraeva, M. I.; Agdzhoyan, A. T.; з співавторами. <i>VISNYK OF DNIPROPETROVSK UNIVERSITY-BIOLOGY MEDICINE</i>. 6. 2. 133-140. 2015.</p> <p>13. Ancient human genomes suggest three ancestral populations for present-day Europeans. Lazaridis, Iosif; Patterson, Nick; Mittnik, Alissa; з співавторами. <i>NATURE</i>. 513. 7518. 409-+. SEP 18 2014.</p> <p>14. Analysis of genetic diversity of Russian regional populations based on STR markers used in DNA identification. Pesik, V. Yu.; Fedunin, A. A.; Agdzhoyan, A. T.; з співавторами. <i>RUSSIAN JOURNAL OF GENETICS</i>. 50. 6. 626-633. JUN 2014.</p> <p>15. Genetic Affinities of Ukrainians From the Maternal Perspective. Pshenichnov, Andrey; Balanovsky, Oleg; Utevska, Olga; з співавторами. <i>AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY</i>. 152. 4. 543-550. DEC 2013.</p>

				<p>South Caucasus. Khomenko, A., Utevsky, S., Palatov, D., (...), Darabi-Darestani, K., Utevsky, A. 2018. Zoology in the Middle East. 64(1), pp. 88-90.</p> <p>3. New antarctic deep-sea weird leech (Hirudinida: Piscicolidae): Morphological features and phylogenetic relationships. Utevsky, A., Utevsky, S. 2018. Systematic Parasitology. 95(8-9), pp. 849-861.</p> <p>4. Coloration pattern in populations of the eastern medicinal leech, <i>Hirudo orientalis</i> Utevsky &amp; Trontelj, 2005 (Clitellata, Hirudinida): geographical distribution and life history. Darabi-Darestani, K., Sari, A., Utevska, O., Utevsky, S. Y. 2016. Zoomorphology. 135(3), pp. 291-303.</p> <p>5. Phylogeography of the southern medicinal leech, <i>Hirudo verbana</i>: a response to Živić et al. (2015). Utevsky, S., Trontelj, P. 2016. Aquatic Ecology. 50(1), pp. 97-100.</p> <p>6. First russian record of erpobdella monostrata: DNA barcoding and geographical distribution: (Annelida, hirudinida, erpobdellidae). Utevsky, S., Dubov, P. G., Prokin, A. A. 2015. Spixiana. 38(2), pp. 161-168.</p> <p>7. Comparative structural analysis of jaws of selected blood-feeding and predacious arhynchobdellid leeches (Annelida: Clitellata: Hirudinida). Kovalenko, M. V., Utevsky, S. Y. 2014. Zoomorphology. 134(1), pp. 33-43.</p> <p>8. Transitional morphology in hybrids of <i>Hirudo verbana</i> and <i>H. orientalis</i> (clitellata, hirudinida). Kovalenko, M. V., Utevsky, S. Yu. 2013. Vestnik Zoologii. 47(6), pp. e32-e36.</p> <p>9. A new genus and species of fish leeches <i>Dolichobdella rubra</i>, gen. n., sp. n., (Clitellata, Hirudinida, Piscicolidae) from the northern Sea of Japan. Utevsky, S. Y., Chernyshev, A. V. 2013. Deep-Sea Research Part II: Topical Studies in Oceanography. 86-87, pp. 221-224.</p> <p>10. New records of the chaetiferous leech-like annelid <i>Paracanthobdella livanowi</i> (Epshtein, 1966) (Annelida: Clitellata: Acanthobdellida) from Kamchatka, Russia. Utevsky, S. Y., Sokolov, S. G., Shedko, M. B. 2013. Systematic Parasitology. 84(1), pp. 71-79.</p> <p>11. Size structures and comparative phenology of syntopic populations of <i>Hirudo verbana</i> and <i>Hirudo medicinalis</i> in eastern Ukraine. Kovalenko, M. V., Utevsky, S. Y. 2012. Biologia. 67(5), pp. 934-938.</p> <p>12. Phylogeny and phylogeography of medicinal leeches (genus <i>Hirudo</i>): Fast dispersal and shallow genetic structure. Trontelj, P., Utevsky, S. Y. 2012. Molecular Phylogenetics and Evolution. 63(2), pp. 475-485.</p> <p>13. The first record of <i>Helobdella nuda</i> (Hirudinida, Glossiphoniidae) in Lake Baikal. Kaygorodova, I. A., Utevsky, S. Yu. 2012. Vestnik Zoologii. 46(5), pp. e40-e41.</p> <p>14. First record of the boreal-arctic marine leech <i>Mysidobdella borealis</i> (Hirudinida, Piscicolidae) from the southern Bay of Biscay. Utevsky, S., Sorbe, J. 2012. Vestnik Zoologii. 46(2), pp. e35-e38.</p>	<p>phylogenetic review of the genus <i>Hirudo</i>. Darabi-Darestani, Kaveh; Sari, Alireza; Sarafrazi, Alimorad; з співавторами. MOLECULAR PHYLOGENETICS AND EVOLUTION. 121. 52-60. APR 2018.</p> <p>3. On the distribution of <i>Dina stschegolewi</i> (Hirudinida: Erpobdellidae) in the South Caucasus. Khomenko, Andrii; Utevsky, Serge; Palatov, Dmitry; з співавторами. ZOOLOGY IN THE MIDDLE EAST. 64. 1. 88-90. 2018.</p> <p>4. Coloration pattern in populations of the eastern medicinal leech, <i>Hirudo orientalis</i> Utevsky &amp; Trontelj, 2005 (Clitellata, Hirudinida): geographical distribution and life history. Darabi-Darestani, Kaveh; Sari, Alireza; Utevska, Olga; з співавторами. ZOOMORPHOLOGY. 135. 3. 291-303. SEP 2016.</p> <p>5. Phylogeography of the southern medicinal leech, <i>Hirudo verbana</i>: a response to Zivic et al. (2015). Utevsky, Serge; Trontelj, Peter. AQUATIC ECOLOGY. 50. 1. 97-100. MAR 2016.</p> <p>6. First Russian record of <i>Erpobdella monostrata</i>: DNA barcoding and geographical distribution (Annelida, Hirudinida, Erpobdellidae). Utevsky, Serge; Dubov, Pavel G.; Prokin, Alexander A. SPIXIANA. 38. 2. 161-168. DEC 2015.</p> <p>7. Comparative structural analysis of jaws of selected blood-feeding and predacious arhynchobdellid leeches (Annelida: Clitellata: Hirudinida). Kovalenko, M. V.; Utevsky, S. Y. ZOOMORPHOLOGY. 134. 1. 33-43. MAR 2015.</p> <p>8. A new genus and species of fish leeches <i>Dolichobdella rubra</i>, gen. n., sp. n., (Clitellata, Hirudinida, Piscicolidae) from the northern Sea of Japan. Utevsky, Serge Y.; Chernyshev, Alexei V. DEEP-SEA RESEARCH PART II-TOPICAL STUDIES IN OCEANOGRAPHY. 86-87. SI. 221-224. FEB-MAR 2013.</p> <p>9. New records of the chaetiferous leech-like annelid <i>Paracanthobdella livanowi</i> (Epshtein, 1966) (Annelida: Clitellata: Acanthobdellida) from Kamchatka, Russia. Utevsky, Serge Y.; Sokolov, Sergei G.; Shedko, Marina B. SYSTEMATIC PARASITOLOGY. 84. 1. 71-79. JAN 2013.</p> <p>10. Size structures and comparative phenology of syntopic populations of <i>Hirudo verbana</i> and <i>Hirudo medicinalis</i> in eastern Ukraine. Kovalenko, Marina V.; Utevsky, Serge Yu. BIOLOGIA. 67. 5. 934-938. OCT 2012.</p> <p>11. Phylogeny and phylogeography of medicinal leeches (genus <i>Hirudo</i>): Fast dispersal and shallow genetic structure. Trontelj, Peter; Utevsky, Serge Y. MOLECULAR PHYLOGENETICS AND EVOLUTION. 63. 2. 475-485. MAY 2012.</p>	
Біологічний	Мікологія і фітоімунологія	Шкорбатов Юрій Григорович	19	<p>1. The Application of Pulsed Electric Fields and Other Types of Electromagnetic Radiation in Therapy of Cancer. Shckorbatov, Y. 2018. UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings. 8520259, pp. 69-73.</p> <p>2. Changes in puffing pattern of <i>drosophila melanogaster</i> (Diptera: Drosophilidae) polytene chromosomes after egg exposure to microwave radiation and magnetic field. Shakina, L. A., Kolchigin, N. N., Shckorbatov, Y. G. 2018.</p>	4	<p>1. Changes in Puffing Pattern of <i>Drosophila melanogaster</i> (Diptera: Drosophilidae) Polytene Chromosomes after Egg Exposure to Microwave Radiation and Magnetic Field. Shakina, Lyubov A.; Kolchigin, Nicolay N.; Shckorbatov, Yuriy G. JOURNAL OF ENTOMOLOGICAL SCIENCE. 53. 3. 295-306. JUL 2018.</p> <p>2. Effects of 36.6 GHz and static magnetic field on degree of endoreduplication in <i>Drosophila melanogaster</i> polytene chromosomes. Dyka,</p>

			<p>Journal of Entomological Science. 53(3), pp. 295-306.</p> <p>3. Device for the formation of a signal to study the influence of low-frequency field on biological objects. Shkliarskiy, V., Matiieshyn, Y., Grytsay, V., Smarkutskiy, T., Shckorbatov, Y. 2018. 14th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2018 - Proceedings. 2018-April, pp. 728-731.</p> <p>4. Response to doxorubicin of exfoliated human buccal epithelium cells: Comparison of three methods of cell staining and calcium assessment. Shckorbatov, Y., Miroshnik, D., Kovalenko, I. 2018. Current Drug Discovery Technologies. 15(2), pp. 142-148.</p> <p>5. IMPACT OF SMOKING HABITS ON THE STATE OF CHROMATIN AND MORPHOLOGY OF BUCCAL EPITHELIAL CELLS AMONG MEDICAL STUDENTS. Volkova, O., Ryabokon, E., Magda, I., Shckorbatov, Y. 2017. Georgian medical news. (262), pp. 111-115.</p> <p>6. Impact of electromagnetic radiation on human and animal cells: Approaches, results, perspectives. Shckorbatov, Y. G. 2016. 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016. 7724149, pp. 54-57.</p> <p>7. Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields. Kuznetsov, K. A., Shckorbatov, Y. G., Kolchigin, N. N., Nikolov, O. T. 2016. 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016. 7724179, pp. 167-170.</p> <p>8. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field. Kuznetsov, K. A., Miroshnik, D. B., Shckorbatov, Y. G., Nikolov, O. T., Kolchigin, N. N. 2016. 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016. 7538012.</p> <p>9. Effects of 36.6 GHz and static magnetic field on degree of endoreduplication in Drosophila melanogaster polytene chromosomes. Dyka, L. D., Shakina, L. A., Strashnyuk, V. Y., Shckorbatov, Y. G. 2016. International Journal of Radiation Biology. 92(4), pp. 222-227.</p> <p>10. Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field. Chernov, A. I., Dumin, O. M., Miroshnik, D. B., (...), Katrich, V. A., Kolchigin, N. N. 2015. Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED. 2015-November, 7324286, pp. 162-164.</p> <p>11. Calculation of experimental apparatus for biological object irradiation by impulse electromagnetic field. Dumin, O. M., Shckorbatov, Y. G., Chernov, A. I., Katrich, V. A. 2015. 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings. 7136890.</p> <p>12. Effect of some triterpene glycosides applied in vitro on chromatin state in human cells. Salnitskaya, M. A., Pasiuga, V. N., Magda, I. Y., (...), Grishkovets, V. I., Shckorbatov, Y. G. 2014. Current Bioactive Compounds. 10(1), pp. 37-43.</p> <p>13. Interceptor effect of c60 fullerene on the in vitro action of aromatic drug molecules. Skamrova, G. B., Laponogov, I., Buchelnikov, A. S., (...), Prylutskiy, Y. I., Evstigneev, M. P. 2014. European Biophysics Journal. 43(6-7), pp. 265-276.</p>	<p>Lilia D.; Shakina, Lyubov A.; Strashnyuk, Volodymyr Yu.; з співавторами. INTERNATIONAL JOURNAL OF RADIATION BIOLOGY. 92. 4. 222-227. APR 2 2016.</p> <p>3. Impact of Electromagnetic Radiation on Human and Animal Cells: Approaches, Results, Perspectives. Shckorbatov, Yuriy G. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS). 54-57. 2016.</p> <p>4. Interceptor effect of C-60 fullerene on the in vitro action of aromatic drug molecules. Skamrova, Galyna B.; Laponogov, Ivan; Buchelnikov, Anatoly S.; з співавторами. EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS. 43. 6-7. 265-276. JUL 2014.</p>
--	--	--	---	---

				<p>14. Effect of microwave irradiation of low intensity and magnetic fields on the Ca<sup>2+</sup> contents in pea root cells. Shckorbatov, Y. G., Pasiuga, O. S., Kovalenko, I. F., Ryabukha, S. S., Kolchigin, N. N. 2013. CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. 6652679, pp. 1101-1102.</p> <p>15. Cell response to electromagnetic field: Nuclear and membrane mechanisms (Book). Shckorbatov, Y. G., Katrich, V. A., Pasiuga, V. A., Rudenko, A. O. 2013. Cell Response to Electromagnetic Field: Nuclear and Membrane Mechanisms. pp. 1-131.</p> <p>16. Effects of ultra-wideband radiation on viability of human cells. Shckorbatov, Y. G., Kolchigin, N. N., Kazansky, O. V., Pasiuga, V. N. 2012. 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings. 379758, pp. 137-139.</p> <p>17. Method of fluorescent probes to monitor the changes in human erythrocyte membranes under the influence of magnetic or electromagnetic fields. Posokhov, Y. O., Pasiuga, V. N., Shckorbatov, Y. G. 2012. CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. 6336264, pp. 956-957.</p> <p>18. The state of chromatin as an integrative indicator of cell stress (Book Chapter). Shckorbatov, Y. 2012. New Developments in Chromatin Research. pp. 123-144.</p> <p>19. The state of chromatin as an integrative indicator of cell stress (Book Chapter). Shckorbatov, Y. 2012. New Developments in Chromatin Research. pp. 125-146.</p>		
Біологічний	Фізіології і біохімії рослин та мікроорганізмів	Колупаєв Юрій Євгенійович	40	<p>1. Methyl Jasmonate and Nitric Oxide in Regulation of the Stomatal Apparatus of Arabidopsis thaliana. Yastreb, T. O., Kolupaev, Y. E., Kokorev, A. I., Horielova, E. I., Dmitriev, A. P. 2018. Cytology and Genetics. 52(6), pp. 400-405.</p> <p>2. Effects of Nitrate and L-Arginine on Content of Nitric Oxide and Activities of Antioxidant Enzymes in Roots of Wheat Seedlings and Their Heat Resistance. Karpets, Y. V., Kolupaev, Y. E., Lugovaya, A. A., Shvidenko, N. V., Yastreb, T. O. 2018. Russian Journal of Plant Physiology. 65(6), pp. 908-915.</p> <p>3. Action of methyl jasmonate and salt stress on antioxidant system of arabidopsis plants defective in jasmonate signaling genes. Yastreb, T. O., Kolupaev, Y. E., Shvidenko, N. V., Dmitriev, A. P. 2018. Ukrainian Biochemical Journal. 90(5), pp. 50-59.</p> <p>4. Combined Effect of Salicylic Acid and Nitrogen Oxide Donor on Stress-Protective System of Wheat Plants under Drought Conditions. Kolupaev, Y. E., Karpets, Y. V., Yastreb, T. O., Lugovaya, A. A. 2018. Applied Biochemistry and Microbiology. 54(4), pp. 418-424.</p> <p>5. Participation of Nitric Oxide in 24-Epibrassinolide-Induced Heat Resistance of Wheat Coleoptiles: Functional Interactions of Nitric Oxide with Reactive Oxygen Species and Ca Ions. Karpets, Y. V., Kolupaev, Y. E. 2018. Russian Journal of Plant Physiology. 65(2), pp. 177-185.</p> <p>6. Phenylalanine ammonia-lyase activity and content of flavonoid compounds in wheat seedlings at the action of hypothermia and hydrogen sulfide donor. Kolupaev, Y. E., Horielova, E. I., Yastreb, T. O., Popov, Y. V., Ryabchun, N. I. 2018. Ukrainian Biochemical Journal. 90(6), pp. 12-20.</p>	44	<p>1. Methyl Jasmonate and Nitric Oxide in Regulation of the Stomatal Apparatus of Arabidopsis thaliana. Yastreb, T. O.; Kolupaev, Yu. E.; Kokorev, A. I.; з співавторами. CYTOLOGY AND GENETICS. 52. 6. 400-405. NOV 2018.</p> <p>2. Effects of Nitrate and L-Arginine on Content of Nitric Oxide and Activities of Antioxidant Enzymes in Roots of Wheat Seedlings and Their Heat Resistance. Karpets, Yu. V.; Kolupaev, Yu. E.; Lugovaya, A. A.; з співавторами. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 65. 6. 908-915. NOV 2018.</p> <p>3. Combined Effect of Salicylic Acid and Nitrogen Oxide Donor on Stress-Protective System of Wheat Plants under Drought Conditions. Kolupaev, Yu. E.; Karpets, Yu. V.; Yastreb, T. O.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 54. 4. 418-424. JUL 2018.</p> <p>4. Influence of Sodium Nitroprusside as a NO-Donor on the Productivity and Resistance of Barley to Adverse Factors. Karpets, Yu. V.; Kolupaev, Yu. E.; Kolomojets, B. A.; з співавторами. Agrokhimiya. 6. 53-62. 2018.</p> <p>5. Participation of Nitric Oxide in 24-Epibrassinolide-Induced Heat Resistance of Wheat Coleoptiles: Functional Interactions of Nitric Oxide with Reactive Oxygen Species and Ca Ions. Karpets, Yu. V.; Kolupaev, Yu. E. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 65. 2. 177-185. MAR 2018.</p> <p>6. Combined Effect of Salicylic Acid and Nitrogen Oxide Donor on Stress-Protective System of Wheat Plants Under Drought Conditions. Kolupaev, Yu. E.; Karpets, Yu. V.; Yastreb, T. O.; з співавторами. Prikladnaya biokhimiya i mikrobiologiya. 54. 4. 400-407. 2018.</p> <p>7. Hydrogen peroxide-induced salt tolerance in the Arabidopsis salicylate-deficient transformants NahG. Yastreb, T. O.; Kolupaev, Yu. E.; Lugovaya, A.</p>

			<p>7. Hydrogen peroxide-induced salt tolerance in the Arabidopsis salicylate-deficient transformants NahG. Yastreb, T. O., Kolupaev, Y. E., Lugovaya, A. A., Dmitriev, A. P. 2017. Applied Biochemistry and Microbiology. 53(6), pp. 719-724.</p> <p>8. Formation of adaptive reactions in Arabidopsis thaliana wild-type and mutant jin1 plants under action of abscisic acid and salt stress. Yastreb, T. O., Kolupaev, Y. E., Lugovaya, A. A., Dmitriev, A. P. 2017. Cytology and Genetics. 51(5), pp. 325-330.</p> <p>9. The Participation of calcium ions and reactive oxygen species in the induction of antioxidant enzymes and heat resistance in plant cells by hydrogen sulfide donor. Kolupaev, Y. E., Firsova, E. N., Yastreb, T. O., Lugovaya, A. A. 2017. Applied Biochemistry and Microbiology. 53(5), pp. 573-579.</p> <p>10. ROS compartmentalization in plant cells under abiotic stress condition ( Book Chapter). Gautam, V., Kaur, R., Kohli, S. K., (...), Kolupaev, Y. E., Bhardwaj, R. 2017. Reactive Oxygen Species and Antioxidant Systems in Plants: Role and Regulation under Abiotic Stress. pp. 89-114.</p> <p>11. ROS signaling in plants under heavy metal stress ( Book Chapter). Kohli, S. K., Handa, N., Gautam, V., (...), Kolupaev, Y. E., Bhardwaj, R. 2017. Reactive Oxygen Species and Antioxidant Systems in Plants: Role and Regulation under Abiotic Stress. pp. 185-214.</p> <p>12. Protective effect of inhibitors of succinate dehydrogenase on wheat seedlings during osmotic stress. Kolupaev, Y. E., Karpets, Y. V., Yastreb, T. O., Firsova, E. N. 2017. Applied Biochemistry and Microbiology. 53(3), pp. 353-358.</p> <p>13. Induction of salt tolerance in salicylate-deficient NahG Arabidopsis transformants using the nitric oxide donor. Yastreb, T. O., Karpets, Y. V., Kolupaev, Y. E., Dmitriev, A. P. 2017. Cytology and Genetics. 51(2), pp. 134-141.</p> <p>14. Effect of nitric oxide donor on salt resistance of Arabidopsis jin1 mutants and wild-type plants. Yastreb, T. O., Kolupaev, Y. E., Karpets, Y. V., Dmitriev, A. P. 2017. Russian Journal of Plant Physiology. 64(2), pp. 207-214.</p> <p>15. Induction of plant cells heat resistance by hydrogen sulfide donor is mediated by H<sub>2</sub>O<sub>2</sub> generation with participation of NADPH oxidase and superoxide dismutase. Kolupaev, Y. E., Firsova, E. N., Yastreb, T. O. 2017. Ukrainian Biochemical Journal. 89(4), pp. 34-42.</p> <p>16. Induction of heat resistance in wheat seedlings by exogenous calcium, hydrogen peroxide, and nitric oxide donor: functional interaction of signal mediators. Karpets, Y. V., Kolupaev, Y. E., Yastreb, T. O., Oboznyi, A. I. 2016. Russian Journal of Plant Physiology. 63(4), pp. 490-498.</p> <p>17. Constitutive and cold-induced resistance of rye and wheat seedlings to oxidative stress. Kolupaev, Y. E., Yastreb, T. O., Oboznyi, A. I., Ryabchun, N. I., Kirichenko, V. V. 2016. Russian Journal of Plant Physiology. 63(3), pp. 326-337.</p> <p>18. Content of Osmolytes and Flavonoids under Salt Stress in Arabidopsis thaliana Plants Defective in Jasmonate Signaling. Yastreb, T. O., Kolupaev, Y. E., Lugovaya, A. A., Dmitriev, A. P. 2016. Prikladnaia biokhimiia i mikrobiologiya. 52(2), pp. 223-229.</p> <p>19. Content of Osmolytes and Flavonoids under Salt Stress in Arabidopsis thaliana Plants Defective in Jasmonate Signaling. Yastreb, T. O., Kolupaev, Y. E., Lugovaya, A. A., Dmitriev, A. P. 2016. Applied Biochemistry and Microbiology. 52(2), pp. 210-215.</p>	<p>A.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 53. 6. 719-724. NOV 2017.</p> <p>8. Formation of adaptive reactions in Arabidopsis thaliana wild-type and mutant jin1 plants under action of abscisic acid and salt stress. Yastreb, T. O.; Kolupaev, Yu. E.; Lugovaya, A. A.; з співавторами. CYTOLOGY AND GENETICS. 51. 5. 325-330. SEP 2017.</p> <p>9. The Participation of Calcium Ions and Reactive Oxygen Species in the Induction of Antioxidant Enzymes and Heat Resistance in Plant Cells by Hydrogen Sulfide Donor. Kolupaev, Yu. E.; Firsova, E. N.; Yastreb, T. O.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 53. 5. 573-579. SEP 2017.</p> <p>10. Protective effect of inhibitors of succinate dehydrogenase on wheat seedlings during osmotic stress. Kolupaev, Yu. E.; Karpets, Yu. V.; Yastreb, T. O.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 53. 3. 353-358. MAY 2017.</p> <p>11. Effect of nitric oxide donor on salt resistance of Arabidopsis jin1 mutants and wild-type plants. Yastreb, T. O.; Kolupaev, Yu. E.; Karpets, Yu. V.; з співавторами. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 64. 2. 207-214. MAR 2017.</p> <p>12. Induction of Salt Tolerance in Salicylate-Deficient NahG Arabidopsis Transformants Using the Nitric Oxide Donor. Yastreb, T. O.; Karpets, Yu. V.; Kolupaev, Yu. E.; з співавторами. CYTOLOGY AND GENETICS. 51. 2. 134-141. MAR 2017.</p> <p>13. Induction of salt resistance of arabidopsis salicylatedeficient transformants NahG by influence of nitric oxide donor. Yastreb, T O; Karpets, Yu V; Kolupaev, Yu E; з співавторами. TSitologiya i genetika. 51. 2. 79-88. 2017 Mar-Apr.</p> <p>14. Hydrogen Peroxide-Induced Salt Tolerance in the Salicylate-Deficient Transformants of NahG Arabidopsis. Yastreb, T. O.; Kolupaev, Yu. E.; Lugovaya, A. A.; з співавторами. Prikladnaya biokhimiya i mikrobiologiya. 53. 6. 635-641. 2017.</p> <p>15. The Participation of Calcium Ions and Reactive Oxygen Species in the Induction of Antioxidant Enzymes and Heat Resistance in Plant Cells by Hydrogen Sulfide Donor. Kolupaev, Yu. E.; Firsova, E. N.; Yastreb, T. O.; з співавторами. Prikladnaya biokhimiya i mikrobiologiya. 53. 5. 502-509. 2017.</p> <p>16. Protective Effect of Inhibitors of Succinate Dehydrogenase on Wheat Seedlings during Osmotic Stress. Kolupaev, Yu. E.; Karpets, Yu. V.; Yastreb, T. O.; з співавторами. Prikladnaya biokhimiya i mikrobiologiya. 53. 3. 316-322. 2017.</p> <p>17. Induction of heat resistance in wheat seedlings by exogenous calcium, hydrogen peroxide, and nitric oxide donor: functional interaction of signal mediators. Karpets, Yu. V.; Kolupaev, Yu. E.; Yastreb, T. O.; з співавторами. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 63. 4. 490-498. JUL 2016.</p> <p>8. Constitutive and cold-induced resistance of rye and wheat seedlings to oxidative stress. Kolupaev, Yu. E.; Yastreb, T. O.; Oboznyi, A. I.; з співавторами. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 63. 3. 326-337. MAY 2016.</p> <p>19. Synthesis and Stress-Protective Action on Plants of Brassinosteroid Conjugates with Salicylic Acid. Litvinovskaya, R. P.; Vayner, A. A.; Zhylitskaya,</p>
--	--	--	--	--

			<p>20. Synthesis and Stress-Protective Action on Plants of Brassinosteroid Conjugates with Salicylic Acid. Litvinovskaya, R. P., Vayner, A. A., Zhylitskaya, H. A., (...), Savachka, A. P., Khripach, V. A. 2016. Chemistry of Natural Compounds. 52(3), pp. 452-457.</p> <p>21. Signal mediators at induction of heat resistance of wheat plantlets by short-term heating. Karpets, Y. V., Kolupaev, Y. E., Yastreb, T. O. 2015. Ukrainian Biochemical Journal. 87(6), pp. 104-112.</p> <p>22. SIGNAL MEDIATORS IN PLANTS RESPONSES AGAINST ABIOTIC STRESSORS: CALCIUM, REACTIVE OXYGEN AND NITROGEN SPECIES. Kolupaev, Y. E., Karpets, Y. V., Dmitriev, O. P. 2015. TSitologiya i genetika. 49(5), pp. 73-86.</p> <p>23. Signal mediators in plants in response to abiotic stress: Calcium, reactive oxygen and nitrogen species. Kolupaev, Y. E., Karpets, Y. V., Dmitriev, A. P. 2015. Cytology and Genetics. 49(5), pp. 338-348.</p> <p>24. Salt stress response in Arabidopsis thaliana plants with defective jasmonate signaling. Yastreb, T. O., Kolupaev, Y. E., Shvidenko, N. V., Lugovaya, A. A., Dmitriev, A. P. 2015. Applied Biochemistry and Microbiology. 51(4), pp. 451-454.</p> <p>25. Antioxidant enzyme activity and osmolyte content in winter cereal seedlings under hardening and cryostress. Kolupaev, Y. E., Ryabchun, N. I., Vayner, A. A., Yastreb, T. O., Oboznyi, A. I. 2015. Russian Journal of Plant Physiology. 62(4), pp. 499-506.</p> <p>26. Effects of NO-Status modification, heat hardening, and hydrogen peroxide on the activity of antioxidant enzymes in wheat seedlings. Karpets, Y. V., Kolupaev, Y. E., Yastreb, T. O., Oboznyi, A. I. 2015. Russian Journal of Plant Physiology. 62(3), pp. 292-298.</p> <p>27. Functional interaction between nitric oxide and hydrogen peroxide during formation of wheat seedling induced heat resistance. Karpets, Y. V., Kolupaev, Y. E., Vayner, A. A. 2015. Russian Journal of Plant Physiology. 62(1), pp. 65-70.</p> <p>28. Role of Ca ions in the induction of heat-resistance of wheat coleoptiles by brassinosteroids. Kolupaev, Y. E., Vayner, A. A., Yastreb, T. O., Oboznyi, A. I., Khripach, V. A. 2015. Ukrainian Biochemical Journal. 87(1), pp. 127-133.</p> <p>29. [The role of reactive oxygen species and calcium ions in the implementation of the stress-protective effect of brassinosteroids on plant cells]. Kolupaev, Iu. E., Vaïner, A. A., Iastreb, T. O., Oboznyi, A. I., Khripach, V. A. 2014. Prikladnaia biokhimiia i mikrobiologiya. 50(6), pp. 593-598.</p> <p>30. The role of reactive oxygen species and calcium ions in the implementation of the stress-protective effect of brassinosteroids on plant cells. Kolupaev, Y. E., Vayner, A. A., Yastreb, T. O., Oboznyi, A. I., Khripach, V. A. 2014. Applied Biochemistry and Microbiology. 50(6), pp. 658-663.</p> <p>31. Reactive oxygen species and stress signaling in plants. Kolupaev, Y. E., Karpets, Y. V. 2014. Ukrainian Biochemical Journal. 86(4), pp. 18-35.</p> <p>32. Effect of jasmonic acid on the pro-/antioxidant system of wheat coleoptiles as related to hyperthermia tolerance. Karpets, Y. V., Kolupaev, Y. E., Lugovaya, A. A., Oboznyi, A. I. 2014. Russian Journal of Plant Physiology. 61(3), pp. 339-346.</p> <p>33. [Reactive oxygen forms and Ca ions as possible intermediaries under the induction of heat resistance of plant cells by jasmonic acid]. Karpets, I. V., Kolupaev, I. E., Iastreb, T. O., (...), Lugovaia, A. A., Vaïner, A. A. 2013.</p>	<p>H. A.; з співавторами. CHEMISTRY OF NATURAL COMPOUNDS. 52. 3. 452-457. MAY 2016.</p> <p>20. [Content of Osmolytes and Flavonoids under Salt Stress in Arabidopsis thaliana Plants Defective in Jasmonate Signaling]. Yastreb, T O; Kolupaev, Yu E; Lugovaya, A A; з співавторами. Prikladnaia biokhimiia i mikrobiologiya. 52. 2. 223-9. 2016 Mar-Apr.</p> <p>21. Content of Osmolytes and Flavonoids under Salt Stress in Arabidopsis thaliana Plants Defective in Jasmonate Signaling. Yastreb, T. O.; Kolupaev, Yu E.; Lugovaya, A. A.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 52. 2. 210-215. MAR 2016.</p> <p>22. Plant Cell Antioxidants and Their Role in ROS Signaling and Plant Resistance. Kolupaev, Yu. E. Biology Bulletin Reviews. 136. 2. 181-198. 2016.</p> <p>23. SIGNAL MEDIATORS AT INDUCTION OF HEAT RESISTANCE OF WHEAT PLANTLETS BY SHORT-TERM HEATING. Karpets, Yu V; Kolupaev, Yu E; Yastreb, T O. Ukrainian biochemical journal. 87. 6. 104-12. 2015 Nov-Dec.</p> <p>24. [SIGNAL MEDIATORS IN PLANTS RESPONSES AGAINST ABIOTIC STRESSORS: CALCIUM, REACTIVE OXYGEN AND NITROGEN SPECIES]. Kolupaev, Yu E; Karpets, Yu V; Dmitriev, O P. TSitologiya i genetika. 49. 5. 73-86. 2015 Sep-Oct.</p> <p>25. Signal mediators in plants in response to abiotic stress: Calcium, reactive oxygen and nitrogen species. Kolupaev, Yu. E.; Karpets, Yu. V.; Dmitriev, A. P. CYTOLOGY AND GENETICS. 49. 5. 338-348. SEP 2015.</p> <p>26. [Salt Stress Response in Arabidopsis thaliana Plants with Defective Jasmonate Signaling]. Yastreb, T O; Kolupayev, Yu E; Shvidenko, A A; з співавторами. Prikladnaia biokhimiia i mikrobiologiya. 51. 4. 412-6. 2015 Jul-Aug.</p> <p>27. Salt stress response in Arabidopsis thaliana plants with defective jasmonate signaling. Yastreb, T. O.; Kolupaev, Yu. E.; Shvidenko, N. V.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 51. 4. 451-454. JUL 2015.</p> <p>28. Antioxidant enzyme activity and osmolyte content in winter cereal seedlings under hardening and cryostress. Kolupaev, Yu. E.; Ryabchun, N. I.; Vayner, A. A.; з співавторами. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 62. 4. 499-506. JUL 2015.</p> <p>29. Effects of NO-Status modification, heat hardening, and hydrogen peroxide on the activity of antioxidant enzymes in wheat seedlings. Karpets, Yu. V.; Kolupaev, Yu. E.; Yastreb, T. O.; з співавторами. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 62. 3. 292-298. MAY 2015.</p> <p>30. The Influence of jasmonic acid on productivity and resistance of millet plants to unfavorable abiotic factors. Vayner, A. A.; Lugovaya, A. A.; E Kolupaev, Yu.; з співавторами. Agrokhimiya. 4. 62-67. 2015.</p> <p>31. Antioxidant system components of winter wheat seedling genotypes varying in resistance to frost. Ryabchoun, N. I.; Kolupaev, Yu. E.; Vayner, A. A.; з співавторами. Agrokhimiya. 1. 73-81. 2015.</p> <p>32. [Role of Ca ions in the induction of heat-resistance of wheat coleoptiles by brassinosteroids]. Kolupaev, Yu E; Vayner, A A; Yastreb, T O; з співавторами. Ukrainian biochemical journal. 87. 1. 127-33. 2015 Jan-Feb.</p> <p>33. Functional interaction between nitric oxide and hydrogen peroxide during</p>
--	--	--	---	--



				<p>Ukrainskii biokhimičeskii žurnal. 85(3), pp. 62-68.</p> <p>34. Role of hydrogen peroxide in generation of a signal inducing heat tolerance of wheat seedlings. Kolupaev, Y. E., Oboznyi, A. I., Shvidenko, N. V. 2013. Russian Journal of Plant Physiology. 60(2), pp. 227-234.</p> <p>35. Participation of reactive oxygen species in formation of induced resistances of plants to abiotic stressors ( Book Chapter). Kolupaev, Y. E., Karpets, Y. V. 2013. Handbook on Reactive Oxygen Species (ROS): Formation Mechanisms, Physiological Roles and Common Harmful Effects. pp. 109-135.</p> <p>36. Participation of the active oxygen forms in the induction of ascorbate peroxidase and guaiacol peroxidase under heat hardening of wheat seedlings. Kolupaev, Yu. E., Oboznyi, O. I. 2012. Ukrain'skyi Biokhimičnyi Zhurnal. 84(6), pp. 131-138.</p> <p>37. Possible pathways of heat resistance induction in plant cells by exogenous nitrogen oxide. Karpets, Y. V., Kolupaev, Y. E., Yastreb, T. O., Dmitriev, O. P. 2012. Cytology and Genetics. 46(6), pp. 354-359.</p> <p>38. [Possible pathways of heat resistance induction in plant cells by exogenous nitrogen oxide]. Karpets, I. V., Kolupaev, I. E., Iastreb, T. O., Dmitriev, A. P. 2012. T{combining double inverted breve}Sitologii{combining double inverted breve}a i genetika. 46(6), pp. 28-35.</p> <p>39. [Induction of heat resistance in wheat coleoptiles by salicylic and succinic acids: connection of the effect with the generation and neutralization of active oxygen forms]. Kolupaev, I. E., Iastreb, T. O., Shvidenko, N. V., Karpets, I. V. 2012. Prikladnaia biokhimiia i mikrobiologii. 48(5), pp. 550-556.</p> <p>40. Induction of heat resistance of wheat coleoptiles by salicylic and succinic acids: Connection of the effect with the generation and neutralization of reactive oxygen species. Kolupaev, Y. E., Yastreb, T. O., Shvidenko, N. V., Karpets, Y. V. 2012. Applied Biochemistry and Microbiology. 48(5), pp. 500-505.</p>		<p>formation of wheat seedling induced heat resistance. Karpets, Yu. V.; Kolupaev, Yu. E.; Vayner, A. A. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 62. 1. 65-70. JAN 2015.</p> <p>34. The Role of Reactive Oxygen Species and Calcium Ions in the Implementation of the Stress-Protective Effect of Brassinosteroids on Plant Cells. Kolupaev, Yu. E.; Vayner, A. A.; Yastreb, T. O.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 50. 6. 658-663. NOV 2014.</p> <p>35. Mechanisms of the stress-protective effect of brassinosteroids on plants. Kolupaev, Yu. E.; Vayner, A. A. Agrokhimiya. 7. 69-84. 2014.</p> <p>36. Effect of jasmonic acid on the pro-/antioxidant system of wheat coleoptiles as related to hyperthermia tolerance. Karpets, Yu V.; Kolupaev, Yu E.; Lugovaya, A. A.; з співавторами. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 61. 3. 339-346. MAY 2014.</p> <p>37. Stress-protective effect of jasmonic and succinic acids on barley plants under soil drought conditions. Lugovaya, A. A.; Karpets, Yu. V.; Oboznyi, A. I.; з співавторами. Agrokhimiya. 4. 48-55. 2014.</p> <p>38. Superoxide dismutase activity and the contents of low-molecular-weight protective compounds at the formation of cross-resistance of wheat seedlings to heat and osmotic stresses. Oboznyi, A. I.; Kolupaev, Yu. E.; Yastreb, T. O. Agrokhimiya. 8. 59-67. 2013.</p> <p>39. Role of hydrogen peroxide in generation of a signal inducing heat tolerance of wheat seedlings. Kolupaev, Yu. E.; Oboznyi, A. I.; Shvidenko, N. V. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 60. 2. 227-234. MAR 2013.</p> <p>40. The Role of Superoxide Dismutase in Inducing of Wheat Seedlings Tolerance to Osmotic Shock. Oboznyi, A. I.; Kolupaev, Yu. E.; Vayner, A. A.; з співавторами. Journal of Stress Physiology &amp; Biochemistry. 9. 3. 251-261. 2013.</p> <p>41. Possible pathways of heat resistance induction in plant cells by exogenous nitrogen oxide. Karpets, Yu. V.; Kolupaev, Yu. E.; Yastreb, T. O.; з співавторами. CYTOLOGY AND GENETICS. 46. 6. 354-359. NOV 2012.</p> <p>42. Induction of heat resistance of wheat coleoptiles by salicylic and succinic acids: Connection of the effect with the generation and neutralization of reactive oxygen species. Kolupaev, Yu E.; Yastreb, T. O.; Shvidenko, N. V.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 48. 5. 500-505. SEP 2012.</p> <p>43. Effect of Aromatic and Dicarboxylic Aliphatic Acids on the Heat Resistance of Cucumber Cotyledons: Possible Correlation with Hydrogen Peroxide Metabolism. Kolupaev, Yu. E.; Yastreb, T. O. Agrokhimiya. 7. 32-38. 2012.</p> <p>44. The Adaptive Effect of Reakom Microfertilizer and Salicylic and Succinic Acids on Millet Plants. Yastreb, T. O.; Miroshnichenko, N. N.; Kolupaev, Yu. E.; з співавторами. Agrokhimiya. 4. 60-67. 2012.</p>
Біологічний	Зоології і екології тварин	Зіненко Олександр Іванович	10	<p>1. The distribution of meadow and steppe vipers (<i>Vipera graeca</i>, <i>V. renardi</i> and <i>v. ursinii</i>): A revision of the new atlas of amphibians and reptiles of Europe. Mizsei, E., Zinenko, O., Sillero, N., (...), Roussos, S. A., Szabolcs, M. 2018. Basic and Applied Herpetology. 32, pp. 77-83.</p> <p>2. Pleistocene extinctions and recent expansions in an anguid lizard of the genus <i>Pseudopus</i>. Jandzik, D., Jablonski, D., Zinenko, O., (...), Moravec, J., Gvoždík, V. 2018. Zoologica Scripta. 47(1), pp. 21-32.</p>	10	<p>1. Pleistocene extinctions and recent expansions in an anguid lizard of the genus <i>Pseudopus</i>. Jandzik, David; Jablonski, Daniel; Zinenko, Oleksandr; з співавторами. ZOOLOGICA SCRIPTA. 47. 1. 21-32. JAN 2018.</p> <p>2. Evolutionary melting pots: a biodiversity hotspot shaped by ring diversifications around the Black Sea in the Eastern tree frog (<i>Hyla orientalis</i>). Dufresnes, Christophe; Litvinchuk, Spartak N.; Leuenberger, Julien; з співавторами. MOLECULAR ECOLOGY. 25. 17. 4285-4300. SEP 2016.</p>

				<p>3. Evolutionary melting pots: a biodiversity hotspot shaped by ring diversifications around the Black Sea in the Eastern tree frog (<i>Hyla orientalis</i>). Dufresnes, C., Litvinchuk, S. N., Leuenberger, J., (...), Stöck, M., Perrin, N. 2016. <i>Molecular Ecology</i>. 25(17), pp. 4285-4300.</p> <p>4. Hybrid origin of European Vipers (<i>Vipera magnifica</i> and <i>Vipera orlovi</i>) from the Caucasus determined using genomic scale DNA markers. Zinenko, O., Sovic, M., Joger, U., Gibbs, H. L. 2016. <i>BMC Evolutionary Biology</i>. 16(1),76.</p> <p>5. Individual growth rates of Nikolsky's Viper, <i>Vipera berus nikolskii</i> (Squamata, Viperidae). Bondarenko, Z. S., Zinenko, O. I. 2016. <i>Vestnik Zoologii</i>. 50(1), pp. 65-70.</p> <p>6. Mitochondrial phylogeny shows multiple independent ecological transitions and northern dispersion despite of Pleistocene glaciations in meadow and steppe vipers (<i>Vipera ursinii</i> and <i>Vipera renardi</i>). Zinenko, O., Stümpel, N., Mazanaeva, L., (...), Murphy, R. W., Joger, U. 2015. <i>Molecular Phylogenetics and Evolution</i>. 84, pp. 85-100.</p> <p>7. Geographic variation of life-history traits in the sand lizard, <i>Lacerta agilis</i>: Testing Darwin's fecundity-advantage hypothesis. Roitberg, E. S., Eplanova, G. V., Kotenko, T. I., (...), Zinenko, O. I., Yakovlev, V. A. 2015. <i>Journal of Evolutionary Biology</i>. 28(3), pp. 613-629.</p> <p>8. Variation of Reproductive Traits and Female Body Size in the Most Widely-Ranging Terrestrial Reptile: Testing the Effects of Reproductive Mode, Lineage, and Climate. Roitberg, E. S., Kuranova, V. N., Bulakhova, N. A., (...), Hofmann, S., Yakovlev, V. A. 2013. <i>Evolutionary Biology</i>. 40(3), pp. 420-438.</p> <p>9. Additions to the distribution of <i>Vipera eriwanensis</i> (Serpentes: Viperidae) in Transcaucasia, with comments on the identity of vipers in northeastern Azerbaijan. Kukushkin, O., Iskenderov, T., Axmedov, S., Bunyatova, S., Zinenko, O. 2012. <i>Herpetology Notes</i>. 5, pp. 423-427.</p> <p>10. Molecular data confirm recent fluctuations of northern border of dice snake (<i>Natrix tessellata</i>) range in eastern Europe. Marosi, B., Zinenko, O. I., Ghira, I. V., (...), Sos, T., Popescu, O. 2012. <i>North-Western Journal of Zoology</i>. 8(2), pp. 374-377.</p>	<p>3. Hybrid origin of European Vipers (<i>Vipera magnifica</i> and <i>Vipera orlovi</i>) from the Caucasus determined using genomic scale DNA markers. Zinenko, Oleksandr; Sovic, Michael; Joger, Ulrich; з співавторами. <i>BMC EVOLUTIONARY BIOLOGY</i>. 16. 76. APR 12 2016.</p> <p>4. Rediscovered and critically endangered: <i>Vipera anatolica</i> EISELT &amp; BARAN, 1970, of the western Taurus Mountains (Turkey), with remarks on its ecology. Zinenko, Oleksandr; Avci, Aziz; Spitzenberger, Friederike; з співавторами. <i>HERPETOZOA</i>. 28. 3-4. 141-148. JAN 30 2016.</p> <p>5. Geographic variation of life-history traits in the sand lizard, <i>Lacerta agilis</i>: testing Darwin's fecundity-advantage hypothesis. Roitberg, E. S.; Eplanova, G. V.; Kotenko, T. I.; з співавторами. <i>JOURNAL OF EVOLUTIONARY BIOLOGY</i>. 28. 3. 613-629. MAR 2015.</p> <p>6. Mitochondrial phylogeny shows multiple independent ecological transitions and northern dispersion despite of Pleistocene glaciations in meadow and steppe vipers (<i>Vipera ursinii</i> and <i>Vipera renardi</i>). Zinenko, Oleksandr; Stümpel, Nikolaus; Mazanaeva, Lyudmila; з співавторами. <i>MOLECULAR PHYLOGENETICS AND EVOLUTION</i>. 84. 85-100. MAR 2015.</p> <p>7. Distribution of the Dione snake <i>Elaphe dione</i> (Reptilia, Colubridae) in Ukraine: Historical aspect and the current state. Tupikov, A. I.; Zinenko, O. I. <i>VISNYK OF DNIPROPETROVSK UNIVERSITY-BIOLOGY ECOLOGY</i>. 23. 2. 91-99. 2015.</p> <p>8. Distribution of the steppe viper <i>Vipera renardi</i> (Reptilia, Viperidae) in Kharkiv region. Tupikov, A. I.; Zinenko, O. I. <i>VISNYK OF DNIPROPETROVSK UNIVERSITY-BIOLOGY ECOLOGY</i>. 23. 2. 172-176. 2015.</p> <p>9. Variation of Reproductive Traits and Female Body Size in the Most Widely-Ranging Terrestrial Reptile: Testing the Effects of Reproductive Mode, Lineage, and Climate. Roitberg, Evgeny S.; Kuranova, Valentina N.; Bulakhova, Nina A.; з співавторами. <i>EVOLUTIONARY BIOLOGY</i>. 40. 3. 420-438. SEP 2013.</p> <p>10. Molecular data confirm recent fluctuations of northern border of dice snake (<i>Natrix tessellata</i>) range in Eastern Europe. Marosi, Bela; Zinenko, Oleksandr I.; Ghira, Ioan V.; з співавторами. <i>NORTH-WESTERN JOURNAL OF ZOOLOGY</i>. 8. 2. 374-377. 121209. DEC 2012.</p>	
Біологічний	Мікології і фітоімунології	Акулов Олександр Юрійович	5	<p>1. Do plant-based biogeographical regions shape aphylloroid fungal communities in Europe?. Ordynets, A., Heilmann-Clausen, J., Savchenko, A., (...), Langer, E., Abrego, N. 2018. <i>Journal of Biogeography</i>. 45(5), pp. 1182-1195.</p> <p>2. Fungi and fungus-like organisms of homilsha forests national park, Ukraine. Prylutskyi, O. V., Akulov, O. Yu., Leontyev, D. V., (...), Usichenko, A. S., Savchenko, A. O. 2017. <i>Mycotaxon</i>. 132(3), pp. 1-56.</p> <p>3. Aphylloroid fungi in insular woodlands of eastern Ukraine. Ordynets, A., Savchenko, A., Akulov, A., (...), Larsson, K. -H., Langer, E. 2017. <i>Biodiversity Data Journal</i>. 5,e22426.</p> <p>4. Reassessment of <i>Allantonectria</i>, phylogenetic position of <i>Thyronectroidea</i>, and <i>Thyronectria caraganae</i> sp. nov. Voglmayr, H., Akulov, O. Y., Jaklitsch, W. M. 2016. <i>Mycological Progress</i>. 15(9), pp. 921-937.</p> <p>5. The rare representatives of the genus <i>tremella</i> (Tremellales, Basidiomycota): Intrahymenial fungicolous fungi. Malysheva, V. F., Akulov, A.</p>	3	<p>1. Do plant-based biogeographical regions shape aphylloroid fungal communities in Europe?. Ordynets, Alexander; Heilmann-Clausen, Jacob; Savchenko, Anton; з співавторами. <i>JOURNAL OF BIOGEOGRAPHY</i>. 45. 5. 1182-1195. MAY 2018.</p> <p>2. Aphylloroid fungi in insular woodlands of eastern Ukraine. Ordynets, Alexander; Savchenko, Anton; Akulov, Alexander; з співавторами. <i>BIODIVERSITY DATA JOURNAL</i>. 5. UNSP e22426. DEC 22 2017.</p> <p>3. Reassessment of <i>Allantonectria</i>, phylogenetic position of <i>Thyronectroidea</i>, and <i>Thyronectria caraganae</i> sp. nov. Voglmayr, Hermann; Akulov, Olexander Yu.; Jaklitsch, Walter M. <i>MYCOLOGICAL PROGRESS</i>. 15. 9. 921-937. SEP 2016.</p>

				Yu. 2012. Mikologiya I Fitopatologiya. 46(4), pp. 243-246.		
Біологічний	Зоології і екології тварин	Шабанов Дмитро Андрійович	6	<p>1. Mutual maintenance of di- and triploid Pelophylax esculentus hybrids in R-E systems: Results from artificial crossings experiments. Dedukh, D., Litvinchuk, S., Rosanov, J., Shabanov, D., Krasikova, A. 2017. BMC Evolutionary Biology. 17(1), 220.</p> <p>2. The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine. Polchaninova, N., Savchenko, G., Droghvalenko, A., Ronkin, V., Shabanov, D. 2016. Agriculture, Ecosystems and Environment. 234, pp. 65-71.</p> <p>3. Gamete production patterns and mating systems in water frogs of the hybridogenetic Pelophylax esculentus complex in north-eastern Ukraine. Biriuk, O. V., Shabanov, D. A., Korshunov, A. V., (...), Rosanov, J. M., Litvinchuk, S. N. 2016. Journal of Zoological Systematics and Evolutionary Research. 54(3), pp. 215-225.</p> <p>4. Optional endoreplication and selective elimination of parental genomes during oogenesis in diploid and triploid hybrid European water frogs. Dedukh, D., Litvinchuk, S., Rosanov, J., (...), Shabanov, D., Krasikova, A. 2015. PLoS ONE. 10(4), e0123304.</p> <p>5. Genetic diversity and distribution patterns of diploid and polyploid hybrid water frog populations (Pelophylax esculentus complex) across Europe. Hoffmann, A., Plötner, J., Pruvost, N. B. M., (...), Morozov-Leonov, S., Reyer, H.-U. 2015. Molecular Ecology. 24(17), pp. 4371-4391.</p> <p>6. Cytological maps of lampbrush chromosomes of European water frogs (Pelophylax esculentus complex) from the Eastern Ukraine. Dedukh, D., Mazepa, G., Shabanov, D., (...), Saifitdinova, A., Krasikova, A. 2013. BMC Genetics. 14, 26.</p>	8	<p>1. Cytological maps of lampbrush chromosomes of European water frogs (Pelophylax esculentus complex) from the Eastern Ukraine. Dedukh, Dmitry; Mazepa, Glib; Shabanov, Dmitry; з співавторами. BMC GENETICS. 14. 26. APR 16 2013.</p> <p>2. Optional Endoreplication and Selective Elimination of Parental Genomes during Oogenesis in Diploid and Triploid Hybrid European Water Frogs. Dedukh, Dmitry; Litvinchuk, Spartak; Rosanov, Juriy; з співавторами. PLOS ONE. 10. 4. UNSP e0123304. APR 20 2015.</p> <p>3. Crossing experiments reveal gamete contribution into appearance of di- and triploid hybrid frogs in Pelophylax esculentus population systems. Dedukh, D. , V; Litvinchuk, S. N.; Rosanov, J. M.; з співавторами. 20th International Chromosome Conference (ICC) CHROMOSOME RESEARCH. 23. 2. 380-381. P2. JUN 2015.</p> <p>4. Genetic diversity and distribution patterns of diploid and polyploid hybrid water frog populations (Pelophylax esculentus complex) across Europe. Hoffmann, Alexandra; Ploetner, Joerg; Pruvost, Nicolas B. M.; з співавторами. MOLECULAR ECOLOGY. 24. 17. 4371-4391. SEP 2015.</p> <p>5. Stability of spermatogenesis and displays of natural selection at the cellular and individual level in immature representatives of the Pelophylax esculentus complex. Biriuk, O.; Usova, O.; Meleshko, O.; з співавторами. VISNYK OF DNIPROPETROVSK UNIVERSITY-BIOLOGY ECOLOGY. 24. 1. 193-202. 2016.</p> <p>6. Gamete production patterns and mating systems in water frogs of the hybridogenetic Pelophylax esculentus complex in north-eastern Ukraine. Biriuk, Olha V.; Shabanov, Dmitriy A.; Korshunov, Alexey V.; з співавторами. JOURNAL OF ZOOLOGICAL SYSTEMATICS AND EVOLUTIONARY RESEARCH. 54. 3. 215-225. AUG 2016.</p> <p>7. The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine. Polchaninova, Nina; Savchenko, Galina; Droghvalenko, Alexander; з співавторами. AGRICULTURE ECOSYSTEMS &amp; ENVIRONMENT. SI. 65-71. OCT 16 2016.</p> <p>8. Mutual maintenance of di- and triploid Pelophylax esculentus hybrids in R-E systems: results from artificial crossings experiments. Dedukh, Dmitry; Litvinchuk, Spartak; Rosanov, Juriy; з співавторами. BMC EVOLUTIONARY BIOLOGY. 17. 220. OCT 17 2017.</p>
Біологічний	Зоології і екології тварин	Полчанінова Ніна Юрївна	9	<p>1. New data on the spider fauna (Araneae) of Navarre, Spain: Results from the 7th EDGG Field Workshop. Polchaninova, N., García-Mijangos, I., Berastegi, A., Dengler, J., Biurrun, I. 2018. Arachnologische Mitteilungen. 56(1), pp. 17-23.</p> <p>2. An annotated checklist of spiders (Arachnida: Aranei) of the National Nature Park 'Buzkyi Hard' (Mykolaiv Area, Ukraine). Polchaninova, N. Y., Gnelitsa, V. A., Evtushenko, K. V., Singaevsky, E. N. 2017. Arthropoda Selecta. 26(3), pp. 253-272.</p> <p>3. Effect of summer fire on cursorial spider (Aranei) and beetle (Coleoptera) assemblages in meadow steppes of Central European Russia. Polchaninova, N., Tsurikov, M., Atebasov, A. 2016. Hacquetia. 15(2), pp. 113-132.</p> <p>4. The impact of cattle grazing on cursorial spiders (Aranei) and true bugs</p>	5	<p>1. An annotated checklist of spiders (Arachnida: Aranei) of the National Nature Park 'Buzkyi Hard' (Mykolaiv Area, Ukraine). Polchaninova, N. Yu.; Gnelitsa, V. A.; Evtushenko, K. V.; з співавторами. ARTHROPODA SELECTA. 26. 3. 253-272. SEP 2017.</p> <p>2. The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine. Polchaninova, Nina; Savchenko, Galina; Droghvalenko, Alexander; з співавторами. AGRICULTURE ECOSYSTEMS &amp; ENVIRONMENT. SI. 65-71. OCT 16 2016.</p> <p>3. A new species of the genus Pulchellodromus Wunderlich, 2012 (Aranei: Philodromidae) from Spain. Kastrygina, Zoya A.; Kovblyuk, Mykola M.; Polchaninova, Nina Yu. ARTHROPODA SELECTA. 25. 3. 293-296. SEP 2016..</p>

				<p>(Heteroptera) in steppe gullies of northeastern Ukraine. Polchaninova, N., Savchenko, G., Drovalenko, A., Ronkin, V., Shabanov, D. 2016. <i>griculture, Ecosystems and Environment</i>. 234, pp. 65-71.</p> <p>5. A new species of the genus <i>Pulchellodromus</i> Wunderlich, 2012 (Aranei: Philodromidae) from Spain. Kastrygina, Z. A., Kovblyuk, M. M., Polchaninova, N. Yu. 2016. <i>Arthropoda Selecta</i>. 25(3), pp. 293-296.</p> <p>6. Recovery of Spider Communities After a Spontaneous Summer Fire in the Forb-Bunchgrass Steppe of Eastern Ukraine. Polchaninova, N. 2015. <i>Hacquetia</i>. 14(1), pp. 79-96.</p> <p>7. Distribution of the Spider <i>Zelotes Azsheganovae</i> (Aranei, Gnaphosidae) on the East European Plain. Evtushenko, K. V., Polchaninova, N. Y., Esyunin, S. L. 2015. <i>Vestnik Zoologii</i>. 49(4), pp. 305-310.</p> <p>8. Catalogue of the spiders (Arachnida, Aranei) of Left-Bank Ukraine. Polchaninova, N. Y., Prokopenko, E. V. 2014. <i>Arthropoda Selecta</i>. 23, pp. 1-268.</p> <p>9. Assemblages of herb-dwelling spiders (Araneae) of various steppe types in Ukraine and the Central Chernozem region of Russia. Polchaninova, N. Y. 2012. <i>Arachnologische Mitteilungen</i>. (43), pp. 66-78.</p>		<p>4. PRELIMINARY SURVEY OF THE GROUND-DWELLING ARTHROPODS OF THE FLOOD-PLAIN MEADOWS IN THE SOUTHEAST OF POLTAVA REGION (UKRAINE). Zhuravel, N.; Polchaninova, N.; Lezhenina, I.; з співавторами. <i>BIOLOGICAL BULLETIN OF BOGDAN CHMELNITSKIY MELITOPOL STATE PEDAGOGICAL UNIVERSITY</i>. 6. 3. 4-17. 2016.</p> <p>5. MATERIALS TO THE SPIDER FAUNA (ARANEI) OF THE BYKOVA SHEYA SITE OF THE "GALICH'YA GORA" NATURE RESERVE (LIPETSK REGION, RUSSIA). Polchaninova, N. Yu. <i>BIOLOGICAL BULLETIN OF BOGDAN CHMELNITSKIY MELITOPOL STATE PEDAGOGICAL UNIVERSITY</i>. 6. 3. 25-32. 2016.</p>
Біологічний	Зоології і екології тварин	Вязовська Ольга Володимирівна	5	<p>1. Correction to: Effects of Intrahippocampal Injections of Melipramin on EEG, Brain Self-Stimulation, and Behavioral Indices of Rats under Conditions of Neurogenic Stress (<i>Neurophysiology</i>, (2018), 50, 1, (23-32), 10. 1007/s11062-018-9713-7). Shevereva, V. M. 2018. <i>Neurophysiology</i>. 50(2), pp. 149.</p> <p>2. Effects of Intrahippocampal Injections of Melipramin on EEG, Brain Self-Stimulation, and Behavioral Indices of Rats under Conditions of Neurogenic Stress. Shevereva, V. M. 2018. <i>Neurophysiology</i>. 50(1), pp. 23-32.</p> <p>3. Changes in the Sphingolipid Content in Tissues and Behavioral Modifications of Rats Subjected to Neurogenic Stress: Role of Sphingomyelinases. Babenko, N. A., Shevereva, V. M., Gar'kavenko, V. V. 2016. <i>Neurophysiology</i>. 48(6), pp. 390-398.</p> <p>4. Effects of Chronic Neurogenic Stress on Behavior of Rats and Contents of Sphingolipids in Their Brain and Peripheral Tissues. Babenko, N. A., Shevereva, V. M., Gar'kavenko, V. V. 2016. <i>Neurophysiology</i>. 48(5), pp. 346-353.</p> <p>5. Peculiarities of Behavior and Emotional Reactions of Old Rats under Conditions of Brain Self-Stimulation Combined with Injections of Melatonin. Shevereva, V. M. 2014. <i>Neurophysiology</i>. 46(6), pp. 471-477.</p>		
Екологічний	Моніторингу довкілля та природокористування	Максименко Надія Василівна			5	<p>1. Directions for optimization of natural resource use in environmental management for local areas Maksymenko, N. V.; Klieshch, A. A. <i>DNIPROPETROVSK UNIVERSITY BULLETIN SERIES-GEOLOGY GEOGRAPHY</i> Том: 25 Выпуск: 2 Стр.: 81-88 Опубликовано: 2017</p> <p>2. CONCEPT OF ENVIRONMENTALLY PROTECTIVE FARMING FOR THE FOREST-STEPPE ZONE Sonko, Sergiy; Maksymenko, Nadiya; Peresadko, Vilina; <i>VISNYK OF V N KARAZIN KHARKIV NATIONAL UNIVERSITY-SERIES GEOLOGY GEOGRAPHY ECOLOGY</i> Выпуск: 48 Стр.: 161-172 Опубликовано: 2018</p> <p>3. Dynamics of the temperature regime of the North Atlantic coastal zone as an indicator of changes in the system of thermohaline circulation Maksymenko, N., V; Medvedeva, Yu, V; Cherkashyna, N., I <i>JOURNAL OF GEOLOGY GEOGRAPHY AND GEOECOLOGY</i> Том: 27 Выпуск: 3 Стр.: 478-484 Опубликовано: 2018</p>

					<p>4. Geochemical aspect of landscape planning in forestry Maksymenko, N. V.; Voronin, V. O.; Cherkashyna, N. I.; с соавторами. JOURNAL OF GEOLOGY GEOGRAPHY AND GEOECOLOGY Том: 27 Выпуск: 1 Стр.: 81-87 Опубликовано: 2018</p> <p>5. Directions for optimization of natural resource use in environmental management for local areas Maksymenko, N. V.; Klieshch, A. A. JOURNAL OF GEOLOGY GEOGRAPHY AND GEOECOLOGY Том: 25 Выпуск: 2 Стр.: 81-88 Опубликовано: 2017</p>
Економічний	Кафедра економічної кібернетики та прикладної економіки	Кононова Катерина Юріївна	9	<ol style="list-style-type: none"> <li>1. Merkulova, T., Kononova, K., Titimir, O. Development trends of circular economy: Case study of Ukraine 2017 Rivista di StudisullaSostenibilita (2), с. 51-66.</li> <li>2. Kononova, K., Dek, A., Shpakovych, M. Modeling of posting behavior in social media 2017 CEUR Workshop Proceedings 2030, с. 837-849.</li> <li>3. Merkulova, T., Kononova, K. Environmental management: Emission control instruments 2016 Quality - Access to Success 17, с. 497-503.</li> <li>4. Kononova, K., Kovpak, E. Green ICTs: Impact on the environmental sustainability 2016 International Journal of Sustainable Agricultural Management and Informatics 2(2-4), с. 95-109.</li> <li>5. Merkulova, T., Bitkova, T., Kononova, K. Tax factors of sustainable development: System dynamics approach towards tax evasion analyses 2016 Rivista di StudisullaSostenibilita.</li> <li>6. Kononova, K. Some aspects of ICT measurement: Comparative analysis of e-indexes 2015 CEUR Workshop Proceedings 1498, с. 938-945.</li> <li>7. De Angelis, M.C., Kononova, K. Anthropocentric approach, food lifestyles and well-being sustainability 2015 Rivista di StudisullaSostenibilita (2), с. 31-44.</li> <li>8. Kononova, K., Lopez-Sanchez, M. Evolutionary processes in economics: Multi-agent model of macrogenerations dynamics 2013 Frontiers in Artificial Intelligence and Applications 256, с. 311-315.</li> <li>9. Kononova, K. Information society: Statistical profiles and development stages 2013 Contributions to Economics.</li> </ol>	
Економічний	Кафедра фінансів, банківської справи та страхування	Глущенко Ольга Вікторівна	7	<ol style="list-style-type: none"> <li>1. Hlushchenko O. Well-being funding: essence and estimation method / O. Hlushchenko // RIVISTA DI STUDI SULLA SOSTENIBILITA' – 2016. – № 2. – pp. 45-55, DOI:10.3280/RISS2016-002005.</li> <li>2. Glushchenko O.V. Financial System: in Search of a New Paradigm / O.V. Glushchenko // Actual Problems of Economics. – 2015. – № 9(171), – P. 21-30.</li> <li>3. Глущенко О.В. Добробут як імператив суспільного розвитку України / О.В. Глущенко // Економічний часопис-XXI – 2016. – № 156(1-2). – С. 31-36.</li> <li>4. Глущенко О.В. Фінансові чинники формування національного добробуту на рівні централізованих фінансів / О.В. Глущенко // Актуальні проблеми економіки. – 2016. – № 9(183). – С. 273–284.</li> <li>5. Глущенко О.В. Фінансова архітектура в умовах біфуркації / О.В. Глущенко // Актуальні проблеми економіки. – 2016. – № 5(179). – С. 8–19.</li> <li>6. Глущенко О.В. Сталий розвиток України: можливості та загрози / О. В. Глущенко // Фінансово-кредитна діяльність: проблеми теорії та практики. – 2017. – №2(23). – С. 372-378.</li> </ol>	

				7. Глушенко О. В. Застосування акселератору сталого розвитку у форсайті національного добробуту України / О.В. Глушенко // Маркетинг і менеджмент інновацій. – 2018. – №1(16). – С. 391-405 DOI:10.21272/mmi.2018.1-31.		
Іноземних мов	кафедра англійської мови	Черкашина Надія Іванівна			6	<p>1. Geochemical aspect of landscape planning in forestry (Maksymenko N.V., Voronin V.O., Cherkashyna N.I. Journal of Geology Geography and Geoecology; том:27, випуск:1, стр. 81-87, 2018)</p> <p>2. Dynamics of the temperature regime of the North Atlantic coastal zone as an indicator of changes in the system of thermohaline circulation (Maksymenko N.V., Medvedeva Yu.V., Cherkashyna N.I. Journal of Geology Geography and Geoecology; том:27, випуск:3, стр. 478-484, 2018)</p> <p>3. Physical and geographical principles of tourist cluster's formation in Kharkiv region (Reshetchenko S.I., Cherkashyna N.I., Babaieva O.V. Visnyk of V.N. Karazin Kharkiv National University-Series Geology Geography Ecology, Випуск: 47, стр. 149-152, 2017)</p> <p>4. Assessment of water quality in the river Lopan within the boundaries of Kharkiv region (Klymenko V.H., Cherkashyna N.I. Visnyk of V.N. Karazin Kharkiv National University-Series Geology Geography Ecology, Випуск: 44, стр. 172-177, 2016)</p> <p>5. Spatial distribution of climatic indexes on the territory of forest-steppe and steppe of the left-bank Ukraine (Reshetchenko S.I., Klymenko V.H., Cherkashyna N.I. Visnyk of V.N. Karazin Kharkiv National University-Series Geology Geography Ecology, Випуск: 45, стр. 129-133, 2016)</p> <p>6. History of sustainable development strategies creation and their classification (Peresadko V.A., Popovych N.V., Cherkashyna N.I. Visnyk of V.N. Karazin Kharkiv National University-Series Geology Geography Ecology, Випуск: 43, стр. 148-152, 2015)</p>
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Рассомакін Сергій Геннадійович	6	<p>1. Mathematical Model for the Probabilistic Minutia Distribution in Biometric Fingerprint Images Rassomakhin, S., Kuznetsov, A., Shlokin, V., Belozertsev, I., Serhienko, R. Proceedings of the 2018 IEEE 2nd International Conference on Data Stream Mining and Processing, DSMP 2018 8478496, с. 514-518.</p> <p>2. The method of pseudorandom codes decoding on the basis of the modified method of branches and boundaries Lavrovska, T., Rassomakhin, S. 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, с. 305-310.</p> <p>3. Ensuring database security with the universal basis of relations Yesin, V.I., Yesina, M.V., Rassomakhin, S.G., Karpinski, M. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 11127 LNCS, с. 510-522.</p> <p>4. Mathematical and physical nature of the channel capacity Rassomakhin, S.G. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 76(16), с. 1423-1451.</p> <p>5. Data security mechanisms implemented in the database with universal model Grachev, V.M., Esin, V.I., Polukhina, N.G., Rassomakhin, S.G. Bulletin of the Lebedev Physics Institute 41(5), с. 123-126.</p> <p>6. Technology for developing databases of information systems Grachev,</p>		

				V.M., Esin, V.I., Polukhina, N.G., Rassomakhin, S.G. Bulletin of the Lebedev Physics Institute 41(5), с. 119-122.		
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кузнецов Олександр Олександрович	19	<ol style="list-style-type: none"> <li>1. Rassomakhin, S., Kuznetsov, A., Shlokin, V., Belozertsev, I., Serhiienko, R. Mathematical Model for the Probabilistic Minutia Distribution in Biometric Fingerprint Images, 2018 Proceedings of the 2018 IEEE 2nd International Conference on Data Stream Mining and Processing, DSMP 2018 8478496, с. 514-518.</li> <li>2. Kuznetsov, A., Pushkar'ov, A., Kiyani, N., Kuznetsova, T. Code-based electronic digital signature, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 331-336.</li> <li>3. Kuznetsov, A., Frolenko, V., Eremin, E., Zavgorodnia, O. Research of cross-platform stream symmetric ciphers implementation, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018 с. 300-305.</li> <li>4. Kuznetsov, A., Serhiienko, R., Prokopovych-Tkachenko, D., Tarasenko, Y. Evaluation of Algebraic Immunity of modern block ciphers, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 288-293.</li> <li>5. Kuznetsov, A., Kiiian, A., Lutsenko, M., Chepurko, I., Kavun, S. Code-based cryptosystems from NIST PQC, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 282-287.</li> <li>6. Kuznetsov, A., Shekhanin, K., Kolhatin, A., Mikheev, I., Belozertsev, I. Hiding data in the structure of the FAT family file system, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 337-342.</li> <li>7. Kuznetsov, A., Lutsenko, M., Kiiian, N., Makushenko, T., Kuznetsova, T. Code-based key encapsulation mechanisms for post-quantum standardization, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 276-281.</li> <li>8. Gorbenko, I., Kuznetsov, O., Gorbenko, Y., Alekseychuk, A., Tymchenko, V. Strumok keystream generator, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 294-299.</li> <li>9. Kuznetsov, A., Kolovanova, I., Kuznetsova, T. Periodic characteristics of output feedback encryption mode, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, с. 193-198.</li> <li>10. Kuznetsov, A., Serhiienko, R., Prokopovych-Tkachenko, D. Construction of cascade codes in the frequency domain, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, с. 131-136.</li> <li>11. Gorbenko, I., Kuznetsov, A., Lutsenko, M., Ivanenko, D. The research of modern stream ciphers, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, с. 207-210.</li> </ol>	10	<ol style="list-style-type: none"> <li>1. The Research of Modern Stream Ciphers Gorbenko, Ivan; Kuznetsov, Alexandr; Lutsenko, Maria; с соавторами. 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017 Стр.: 207-210.</li> <li>2. Code-Based Public-Key Cryptosystems for the Post-Quantum Period Kuznetsov, Alexandr; Svatovskij, Igor; Kiyani, Nastya; с соавторами. 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017 Стр.: 125-130.</li> <li>3. Periodic Characteristics of Output Feedback Encryption Mode Kuznetsov, Alexandr; Kolovanova, Ievgeniia; Kuznetsova, Tetiana. 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017 Стр.: 193-198</li> <li>4. Analysis of Block Symmetric Algorithms from International Standard of Lightweight Cryptography ISO/IEC 29192-2 Kuznetsov, Alexandr; Gorbenko, Yurii; Andrushkevych, Alina; с соавторами. 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017Стр.: 203-206</li> <li>5. Construction of Cascade Codes in the Frequency Domain Kuznetsov, Alexandr; Serhiienko, Roman; Prokopovych-Tkachenko, Dmytro. 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017Стр.: 131-136</li> <li>6. New Code Based Fuzzy Extractor for Biometric Cryptography Kuznetsov, Alexandr; Kiyani, Anastasia; Uvarova, Anna; с соавторами. International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018Стр.: 119-124</li> <li>7. Experimental Studies Of The Modern Symmetric Stream Ciphers Gorbenko, Ivan; Kuznetsov, Alexandr; Tymchenko, Vladyslav; с соавторами. International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018Стр.: 125-128</li> <li>8. Periodic Properties of Cryptographically Strong Pseudorandom Sequences Kuznetsov, Alexandr; Kavun, Sergii; Panchenko, Volodymyr; с соавторами. International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018Стр.: 129-134</li> <li>9. Heuristic Methods of Hill Climbing of Cryptographic Boolean Functions Moskovchenko, Illarion; Pastukhov, Mykola; Kuznetsov, Alexandr; с соавторами. International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018Стр.: 503-508</li> <li>10. Mathematical Model for the Probabilistic Minutia Distribution in Biometric Fingerprint Images Rassomakhin, Sergey; Kuznetsov,</li> </ol>

				<p>12. Kuznetsov, A., Svatovskij, I., Kiyani, N., Pushkar'ov, A. Code-based public-key cryptosystems for the post-quantum period, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, c. 125-130.</p> <p>13. Kuznetsov, A., Gorbenko, Y., Andrushkevych, A., Belozhersev, I. Analysis of block symmetric algorithms from international standard of lightweight cryptography ISO/IEC 29192-2, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, c. 203-206.</p> <p>14. Kuznetsov, O.O., Gorbenko, Y.I., Bilozertsev, I.M., Andrushkevych, A.V., Narizhnyi, O.P. Algebraic immunity of non-linear blocks of symmetric ciphers, 2018 Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 77(4), c. 309-325.</p> <p>15. Kuznetsov, O., Lutsenko, M., Ivanenko, D. Strumok stream cipher: Specification and basic properties, 2017 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 – Proceedings 7905335, c. 59-62.</p> <p>16. Kuznetsov, O., Gorbenko, Y., Kolovanova, I. Combinatorial properties of block symmetric ciphers key schedule, 2017 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 – Proceedings 7905334, c. 55-58.</p> <p>17. Kuznetsov, A.A., Smirnov, A.A., Danilenko, D.A., Berezovsky, A. The statistical analysis of a network traffic for the intrusion detection and prevention systems, 2015 Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 74(1), c. 61-78.</p> <p>18. Makarov, L.B., Bitchenko, A.M., Tsopa, A.I., Kuznetsov, A.A. Entropic estimation of immunity in communication systems, 2014 Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 73(17), c. 1561-1573.</p> <p>19. Stasev, Yu., Kuznetsov, A., Sai, V., Karpenko, O. Discrete signals with multi-level correlation function, 2012 Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 71(1), c. 91-98.</p>		<p>Alexandr; Shlokin, Vladimir; с соавторами. 2nd IEEE International Conference on Data Stream Mining and Processing (DSMP). Lviv, UKRAINE публ.: AUG 21-25, 2018Стр.: 514-518</p>
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Горбенко Іван Дмитрович	16	<p>1. Gorbenko, I., Kachko, O., Yesina, M., Akolzhina, O. Post-quantum algorithm of asymmetric encryption and its basic properties, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, c. 265-270.</p> <p>2. Gorbenko, I., Kuznetsov, O., Gorbenko, Y., Alekseychuk, A., Tymchenko, V. Strumok keystream generator, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, c. 294-299.</p> <p>3. Gorbenko, I., Zamula, A., Morozov, V. Methods for implementing communications in info-communication systems based on signal structures with specified properties, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, c. 101-104.</p> <p>4. Gorbenko, I., Nariezhnii, O., Kudryashov, I. Construction method and</p>	6	<p>1. <b>Anonymous Electronic Signature Method</b> Gorbenko, Ivan; Yesina, Maryna; Ponomar, Volodymyr. 3rd International Scientific-Practical Conference on Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 04-06, 2016Стр.: 47-50</p> <p>2. <b>The Research of Modern Stream Ciphers</b> Gorbenko, Ivan; Kuznetsov, Alexandr; Lutsenko, Maria; с соавторами. 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017Стр.: 207-210</p> <p>3. <b>Experimental Studies Of The Modern Symmetric Stream Ciphers</b> Gorbenko, Ivan; Kuznetsov, Alexandr; Tymchenko, Vladyslav; с соавторами. International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018Стр.: 125-128</p> <p>4. <b>Comparative Analysis of Candidates for a Post-Quantum CPU Based</b></p>



			<p>features of one class of cryptographic discrete signals, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, c. 156-160.</p> <p>5. Gorbenko, I., Kuznetsov, A., Lutsenko, M., Ivanenko, D. The research of modern stream ciphers, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, c. 207-210.</p> <p>6. Gorbenko, I.D., Kachko, O.G., Yesina, M.V. Analysis of asymmetric NTRU prime IIT Ukraine encryption algorithm with regards to known attacks, 2018 Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>) 77(9), c. 799-816.</p> <p>7. Gorbenko, I., Yesina, M., Ponomar, V. Anonymous electronic signature method, 2017 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 – Proceedings 7905332, c. 47-50.</p> <p>8. Gorbenko, I.D., Zamula, A.A. Cryptographic signals: Requirements, methods of synthesis, properties, application in telecommunication systems, 2017 Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>) 76(12), c. 1079-1100.</p> <p>9. Gorbenko, I., Hanzia, R. Examination and implementation of the fast method for computing the order of elliptic curve, 2017 Eastern-European Journal of Enterprise Technologies 2(9-86), c. 11-21.</p> <p>10. Gorbenko, I., Ponomar, V. Examining a possibility to use and the benefits of post-quantum algorithms dependent on the conditions of their application, 2017 Eastern-European Journal of Enterprise Technologies 2(9-86), c. 21-32.</p> <p>11. Gorbenko, I.D., Zamula, A.A., Morozov, V.L. Information security and noise immunity of telecommunication systems under conditions of various internal and external impacts, 2017 Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>) 76(19), c. 1705-1717.</p> <p>12. Grinenko, T.O., Narezhnyi, O.P., Gorbenko, I.D. Methods for measuring the noise power spectral density of the random number generator quantum radio optical system, 2017 Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>) 76(7), c. 635-651.</p> <p>13. Gorbenko, I.D., Zamula, A.A., Semenko, A.E., Morozov, V.L. Method for complex improvement of characteristics of orthogonal ensembles based on multiplicative combining of signals of different classes, 2017 Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>) 76(18), c. 1581-1594.</p> <p>14. Gorbenko, I.D., Zamula, A.A., Semenko, A.E., Morozov, V.L. Method for synthesis of performed signals systems based on cryptographic discrete sequences of symbols, 2017 Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>) 76(17), c. 1523-1533.</p> <p>15. Gorbenko, I.D., Kachko, A.G., Pogrebnyak, K.A., Makutonina, L.V. Analysis, assessment and proposals regarding the method for generation of system parameters in NTRU-like asymmetric systems, 2017 Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>) 76(6), c. 511-520.</p> <p>16. Gorbenko, I.D., Zamula, A.A., Semenko, Ye.A. Ensemble and correlation properties of cryptographic signals for telecommunication system and network</p>	<p><b>on MQ Cryptographic Transformation</b> Gorbenko, Ivan; Kudryashov, Ivan; Malieieva, Hanna International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018Стр.: 442-446</p> <p><b>5. Methods for Implementing Communications in Info-Communication Systems Based on Signal Structures with Specified Properties</b> Gorbenko, Ivan; Zamula, Alexandr; Morozov, Vladislav 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017Стр.: 101-104</p> <p><b>6. Construction Method and Features of One Class of Cryptographic Discrete Signals</b> Gorbenko, Ivan; Nariezhnii, Oleksii; Kudryashov, Ivan 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017Стр.: 156-160</p>
--	--	--	---	---

				applications, 2016 Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i> ) 75(2), c. 169-178.		
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Родінко Марія Юрїївна	6	<p>1. Rodinko, M., Oliynykov, R., Eliseev, R. Search for one-round differential characteristics of lightweight block cipher Cypress-256, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, c. 312-315.</p> <p>1. Kovalchuk, L., Kaidalov, D., Nastenko, A., (...), Rodinko, M., Oliynykov, R. Number of confirmation blocks for Bitcoin and GHOST consensus protocols on networks with delayed message delivery, 2018 CRYBLOCK 2018 - Proceedings of the 1st Workshop on Cryptocurrencies and Blockchains for Distributed Systems, Part of mobisys 2018, c. 42-47.</p> <p>2. Rodinko, M., Oliynykov, R. Open problems of proving security of ARX-based ciphers to differential cryptanalysis, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, c. 228-231.</p> <p>3. Kovalchuk, L., Kaidalov, D., Shevtsov, O., (...), Rodinko, M., Oliynykov, R. Analysis of splitting attacks on Bitcoin and GHOST consensus protocols, 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017, 2,8095233, c. 978-982.</p> <p>4. Rodinko, M., Oliynykov, R., Gorbenko, Y. Optimization of the High Nonlinear S-Boxes Generation Method, 2017 Tatra Mountains Mathematical Publications 70(1), c. 93-105.</p> <p>5. Rodinko, M., Oliynykov, R., Gorbenko, Y. Improvement of the high nonlinear S-boxes generation method, 2017 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 – Proceedings 7905336, c. 63-66.</p>		
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Олійников Роман Васильович	9	<p>1. Rodinko, M., Oliynykov, R., Eliseev, R. Search for one-round differential characteristics of lightweight block cipher Cypress-256, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, c. 312-315.</p> <p>2. Kovalchuk, L., Kaidalov, D., Nastenko, A., (...), Rodinko, M., Oliynykov, R. Number of confirmation blocks for Bitcoin and GHOST consensus protocols on networks with delayed message delivery, 2018 CRYBLOCK 2018 - Proceedings of the 1st Workshop on Cryptocurrencies and Blockchains for Distributed Systems, Part of mobisys 2018, c. 42-47.</p> <p>3. Rodinko, M., Oliynykov, R. Open problems of proving security of ARX-based ciphers to differential cryptanalysis, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, c. 228-231.</p> <p>4. Kovalchuk, L., Kaidalov, D., Shevtsov, O., (...), Rodinko, M., Oliynykov, R. Analysis of splitting attacks on Bitcoin and GHOST consensus protocols, 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017, 2,8095233, c. 978-982.</p> <p>5. Rodinko, M., Oliynykov, R., Gorbenko, Y. Optimization of the High Nonlinear S-Boxes Generation Method, 2017 Tatra Mountains Mathematical Publications 70(1), c. 93-105.</p>	7	<p>1. <b>Influence of addition modulo 2(n) on algebraic attacks</b> Kazymyrov, Oleksandr; Oliynykov, Roman; Raddum, Havard International Workshop on Boolean Functions and their Applications (BFA). Rosendal, NORWAY публ.: SEP, 2014 Том: 8 Выпуск: 2 Специальный выпуск: SI Стр.: 277-289</p> <p>2. <b>Ouroboros: A Provably Secure Proof-of-Stake Blockchain Protocol</b> Kiayias, Aggelos; Russell, Alexander; David, Bernardo; Roman Oliynykov. 37th Annual International Cryptology Conference (Crypto). Univ Calif, Santa Barbara, CA публ.: AUG 20-24, 2017 Серия книг: Lecture Notes in Computer Science Том: 10401 Стр.: 357-388</p> <p>3. <b>Improvement of the High Nonlinear S-Boxes Generation Method</b> Rodinko, Mariia; Oliynykov, Roman; Gorbenko, Yurii 3rd International Scientific-Practical Conference on Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 04-06, 2016 Стр.: 63-66</p> <p>4. <b>Open Problems of Proving Security of ARX-based Ciphers to Differential Cryptanalysis</b> Rodinko, Mariia; Oliynykov, Roman 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017 Стр.: 228-231</p> <p>5. <b>Comparison of Modern Network Attacks on TLS Protocol</b> Ivanov,</p>

				<p>6. Ródingo, M., Oliynykov, R., Gorbenko, Y. Improvement of the high nonlinear S-boxes generation method, 2017 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 – Proceedings 7905336, c. 63-66.</p> <p>7. Kiayias, A., Russell, A., David, B., Oliynykov, R. Ouroboros: A provably secure proof-of-stake blockchain protocol, 2017 Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 10401 LNCS, c. 357-388.</p> <p>8. Kazymyrov, O., Oliynykov, R., Raddum, H. Influence of addition modulo <math>2^n</math> on algebraic attacks, 2016 Cryptography and Communications 8(2), c. 277-289.</p> <p>9. Kaidalov, D., Oliynykov, R., Kazymyrov, O. A method for security estimation of the SPN-based block cipher against related-key attacks, 2014 Tatra Mountains Mathematical Publications 60(1), c. 25-45.</p>	<p>Oleksandr; Ruzhentsev, Victor; Oliynykov, Roman International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018 Стр.: 565-570</p> <p><b>6. An Approach to Search for Multi-Round Differential Characteristics of Cypress-256</b> Rodinko, Mariia; Oliynykov, Roman International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&amp;T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018 Стр.: 659-662</p> <p><b>7. Analysis of Splitting Attacks on Bitcoin and GHOST Consensus Protocols</b> Kovalchuk, Lyudmila; Kaidalov, Dmytro; Shevtsov, Oleksiy; c соавторами. 9th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems - Technology and Applications (IDAACS). Bucharest, ROMANIA публ.: SEP 21-23, 2017 Стр.: 978-982</p>
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Замула Олександр Андрійович	6	<p>1. I. D. Gorbenko, A. A. Zamula, A. E. Semenko, V. L. Morozov Method for synthesis of performed signals systems based on cryptographic discrete sequences of symbols // Telecommunications and Radio Engineering Volume 76, 2017 Issue 17, pages 1523-1533. DOI: 10.1615/telecomradeng.v76.i17.40.</p> <p>2. I. D. Gorbenko, A. A. Zamula, A. E. Semenko, V. L. Morozov Method for complex improvement of characteristics of orthogonal ensembles based on multiplicative combining of signals of different classes// Telecommunications and Radio Engineering Volume 76, 2017 Issue 18, pages 1581-1594 . DOI: 10.1615/telecomradeng.v76.i18.10.</p> <p>3. I. D. Gorbenko, A. A. Zamula, V. L. Morozov Information security and noise immunity of telecommunication systems under conditions of various internal and external impacts // Telecommunications and Radio Engineering Volume 76, 2017 Issue 19, pages 1705-1717 DOI: 10.1615/telecomradeng.v76.i19.30.</p> <p>4. I. D. Gorbenko, A. A. Zamula Cryptographic signals: requirements, methods of synthesis, properties, application in telecommunication systems // Telecommunications and Radio Engineering Volume 76, 2017. Issue 12, pages 1079-1100. DOI: 10.1615/telecomradeng.v76.i12.50.</p> <p>5. Gorbenko I.D., Zamula A.A., Semenko Ye.A. Ensemble and correlation properties of cryptographic signals for telecommunication system and network applications // Telecommunications and Radio Engineering. - Volume 75, 2016 Issue 2. Pages 169-178. DOI: 10.1615/telecomradeng.v75.i2.60.</p> <p>6. Methods for implementing communications in info-communication systems based on signal structures with specified properties Gorbenko, I., Zamula, A., Morozov, V. 2017 4th International Scientific-Practical Conference Problems of Info communications Science and Technology, PIC S and T 2017 – Proceedings. DOI: 10.1109/INFOCOMMST.2017.8246359.</p>	
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кошман Сергій Олександрович	5	<p>1. A method for increasing the reliability of verification of data represented in a residue number system. Cybernetics and systems analysis,2014, vol. 50, issue 6. P. 969-976</p> <p>2. A method for arithmetic comparison of data represented in a residue number system. Cybernetics and systems analysis,2016, vol. 52, issue 1. P. 145-150</p> <p>3. Algorithms of data processing in the residual classes system.2017 4th</p>	

				<p>international scientific-practical conference problems of infocommunications science and technology, pic s and t 2017 – proceedings.,2017, p. 117-121</p> <p>4. A method for operational diagnosis of data represented in a residue number system. Cybernetics and systems analysis,2018, vol. 54, issue 2. P. 336-344</p> <p>5. Improved method of determining the alternative set of numbers in residue number system. Advances in intelligent systems and computing. ,2018, p. 319-328</p>		
Комп'ютерних наук	Кафедра моделювання систем і технологій	Гамзаєв Рустам Олександрович	6	<p>1. Towards requirements variability in agile software product line development(2018) CEUR Workshop Proceedings, 2122, pp. 87-95.</p> <p>2. Architecting for adaptive resource management in mobile augmented reality systems: Models, metrics and prototype software solutions(2017) Communications in Computer and Information Science, 783, pp. 17-35.</p> <p>3. A model-based framework for adaptive resource management in mobile augmented reality system(2016) CEUR Workshop Proceedings, 1614, pp. 41-56.</p> <p>4. Models, methods and tools for effectiveness estimation of post object-oriented technologies in software maintenance(2016) Communications in Computer and Information Science, 594, pp. 20-37.</p> <p>5. An integrated approach to evaluation of domain modeling methods and tools for improvement of code reusability in software development(2016) Lecture Notes in Informatics (LNI).</p> <p>6. Proceedings - Series of the Knowledge-based approach to effectiveness estimation of post object-oriented technologies in software maintenance(2015) CEUR Workshop Proceedings, 1356, pp. 62-77.</p>		
Комп'ютерних наук	Кафедра моделювання систем і технологій	Ткачук Микола В'ячеславович	8	<p>1. Architecting for adaptive resource management in mobile augmented reality systems: Models, metrics and prototype software solutions(2017) Communications in Computer and Information Science, 783, pp. 17-35.</p> <p>2. A model-based framework for adaptive resource management in mobile augmented reality system(2016) CEUR Workshop Proceedings, 1614, pp. 41-56.</p> <p>3. Models, methods and tools for effectiveness estimation of post object-oriented technologies in software maintenance(2016) Communications in Computer and Information Science, 594, pp. 20-37.</p> <p>4. An integrated approach to evaluation of domain modeling methods and tools for improvement of code reusability in software development(2016) Lecture Notes in Informatics (LNI), Proceedings - Series of the Gesellschaft fur Informatik (GI), P-259, pp. 143-156.</p> <p>5. Communication, management and teambuilding issues in Austrian-Ukrainian outsourcing project: 10 years of experience and future challenges(2016) Lecture Notes in Informatics (LNI), Proceedings - Series of the Gesellschaft fur Informatik (GI), P-259, pp. 103-109.</p> <p>6. Knowledge-based approach to effectiveness estimation of post object-oriented technologies in software maintenance(2015) CEUR Workshop Proceedings, 1356, pp. 62-77.</p> <p>7. Model and tools for multi-dimensional approach to requirements behavior analysis (2013) Lecture Notes in Business Information Processing, 137, pp. 191-198.</p> <p>8. Knowledge-oriented approach to requirements engineering in ambient-assisted living domain(2013) Lecture Notes in Business Information Processing, 137, pp. 205-207.</p>	5	<p>1. The maximal advance path constraint for the homogenization of materials with random network microstructure.PHILOSOPHICAL MAGAZINE,92,2012,92, c. 2779-2808.</p> <p>2. Models, Methods and Tools for Effectiveness Estimation of Post Object-Oriented Technologies in Software Maintenance.INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION, RESEARCH, AND INDUSTRIAL APPLICATIONS,594,2016,594, c. 20-37.</p> <p>3. Model and Tools for Multi-dimensional Approach to Requirements Behavior Analysis.INFORMATION SYSTEMS: METHODS, MODELS, AND APPLICATIONS, UNISCON 2012,137,2013,137, c. 191-198.</p> <p>4. Knowledge-Oriented Approach to Requirements Engineering in Ambient-Assisted Living Domain.INFORMATION SYSTEMS: METHODS, MODELS, AND APPLICATIONS, UNISCON 2012,137,2013,137, c. 205-207.</p> <p>5. Towards Effectiveness Assessment of Domain Modelling Methods and Tools in SPL Development.ENTERPRISE MODELLING AND INFORMATION SYSTEMS ARCHITECTURES-AN INTERNATIONAL JOURNAL,13,2018,13, c. 190-206.</p>

Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Куклін Володимир Михайлович	17	<ol style="list-style-type: none"> <li>1. The consequences of the modulation instabilities (2018) Problems of Atomic Science and Technology, 116 (4), pp. 225-229.</li> <li>2. Structural phase transitions in thin convection at dependence of viscosity on temperature (2018) Problems of Atomic Science and Technology, 116 (4), pp. 256-258.</li> <li>3. Superradiance of stationary oscillators (2018) Problems of Atomic Science and Technology, 116 (4), pp. 217-220.</li> <li>4. The superradiance of a bunch of rotating electrons (2018) Problems of Atomic Science and Technology, 116 (4), pp. 221-224.</li> <li>5. On pulsating radiation in weakly inverted media (2018) Problems of Atomic Science and Technology, 116 (4), pp. 268-272.</li> <li>6. Superradiant emission regimes of the system of stationary oscillators (2017) Problems of Atomic Science and Technology, 112 (6), pp. 101-104.</li> <li>7. Dissipative generation regime of a system of stationary oscillators (2017) Problems of Atomic Science and Technology, 112 (6), pp. 88-90.</li> <li>8. One-dimensional modulational instability models of intense Langmuir plasma oscillations using the Silin-Zakharov equations (2016) Physics-USpekhi, 59 (7), pp. 669-688.</li> <li>9. Ion heating, burnout of the high-frequency field, and ion sound generation under the development of a modulation instability of an intense Langmuir wave in a plasma (2015) Physics of Plasmas, 22 (9), стаття № 092118,</li> <li>10. On the nature of sources of pulsating radiation in weakly inverted media (2015) Problems of Atomic Science and Technology, 98 (4), pp. 9-11.</li> <li>11. Structural-phase transitions and state function in unstable convective medium (2015) Problems of Atomic Science and Technology, 98 (4), pp. 252-254.</li> <li>12. Ion kinetics and ion sound generation under the development of modulation instability of an intense langmuir wave in a plasma (2015) Problems of Atomic Science and Technology, 98 (4), pp. 258-263.</li> <li>13. Modelling of superradiation processes driven by an ultra-short bunch of charged particles moving through a plasma 14. Pattern formation in unstable viscous convective medium (2013) Problems of Atomic Science and Technology, (4), pp. 251-255.</li> <li>15. On the emission spectrum of oscillator trapped in a potential well (2013) Problems of Atomic Science and Technology, (4), pp. 256-259.</li> <li>16. Dynamics of ions during development of parametric instability of Langmuir waves (2013) Problems of Atomic Science and Technology, (4), pp. 260-266.</li> <li>17. On the formation of pulses of Coherent radiation in weakly inverted media (2013) Problems of Atomic Science and Technology, (4), pp. 267-271.</li> </ol>	21	<ol style="list-style-type: none"> <li>1. DYNAMICS OF IONS DURING DEVELOPMENT OF PARAMETRIC INSTABILITY OF LANGMUIR WAVES.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 260-266.</li> <li>2. SIMULATION OF SYNCHRONIZATION OF NONLINEAR OSCILLATORS BY THE EXTERNAL FIELD.EAST EUROPEAN JOURNAL OF PHYSICS,4,2017,4, c. 75-84.</li> <li>3. Ion heating, burnout of the high-frequency field, and ion sound generation under the development of a modulation instability of an intense Langmuir wave in a plasma.PHYSICS OF PLASMAS,22,2015,22,c.</li> <li>4. MODELLING OF SUPERRADIATION PROCESSES DRIVEN BY AN ULTRA-SHORT BUNCH OF CHARGED PARTICLES MOVING THROUGH A PLASMA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 255-257.</li> <li>5. PATTERN FORMATION IN UNSTABLE VISCOUS CONVECTIVE MEDIUM.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 251-255.</li> <li>6. ON THE FORMATION OF PULSES OF COHERENT RADIATION IN WEAKLY INVERTED MEDIA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 267-271.</li> <li>7. DISSIPATIVE GENERATION REGIME OF A SYSTEM OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017, c. 88-90.</li> <li>8. SUPERRADIANT EMISSION REGIMES OF THE SYSTEM OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017, c. 101-104.</li> <li>9. One-dimensional modulational instability models of intense Langmuir plasma oscillations using the Silin-Zakharov equations.PHYSICS-USPEKHI,59,2016,59, c. 669-688.</li> <li>10. ON THE NATURE OF SOURCES OF PULSATING RADIATION IN WEAKLY INVERTED MEDIA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 9-11.</li> <li>11. STRUCTURAL-PHASE TRANSITIONS AND STATE FUNCTION IN UNSTABLE CONVECTIVE MEDIUM.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 252-254.</li> <li>12. SUPERRADIANCE OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 217-220.</li> <li>13. THE SUPERRADIANCE OF A BUNCH OF ROTATING ELECTRONS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 221-224.</li> <li>14. THE CONSEQUENCES OF THE MODULATION INSTABILITIES.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 225-229.</li> <li>15. STRUCTURAL PHASE TRANSITIONS IN THIN CONVECTION AT DEPENDENCE OF VISCOSITY ON TEMPERATURE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 256-258.</li> <li>16. ON PULSATING RADIATION IN WEAKLY INVERTED MEDIA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 268-272.</li> <li>17. Yuriy Anatolievich Berezhnoy (80-th birthday), has works published,</li> </ol>
-------------------	--	-----------------------------	----	--	----	---

					<p>Professor.EAST EUROPEAN JOURNAL OF PHYSICS,3,2016,3, c. 70-72.</p> <p>18. ESSENTIAL FEATURES OF MODELS FOR DESCRIPTION OF MODULATION INSTABILITY OF LANGMUIR WAVES IN PLASMA.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2, c.4-19.</p> <p>19. STATE FUNCTION IN UNSTABLE CONVECTIVE MEDIUM.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2, c. 32-35.</p> <p>20. ION KINETICS AND ION SOUND GENERATION UNDER THE DEVELOPMENT OF MODULATION INSTABILITY OF AN INTENSE LANGMUIR WAVE IN A PLASMA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 258-263.</p> <p>21. ON THE EMISSION SPECTRUM OF OSCILLATOR TRAPPED IN A POTENTIAL WELL.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 256-259.</p>	
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Споров Олександр Євгенович	13	<ol style="list-style-type: none"> <li>1. Electromagnetic model of gas discharge in long tube of slightly varying radius (2018) Problems of Atomic Science and Technology, 118 (6), pp. 113-116.</li> <li>2. Superradiance of stationary oscillators (2018) Problems of Atomic Science and Technology, 116 (4), pp. 217-220.</li> <li>3. The superradiance of a bunch of rotating electrons (2018) Problems of Atomic Science and Technology, 116 (4), pp. 221-224.</li> <li>4. Modelling of the electromagnetic surface waves propagation on the interface between the left-handed metamaterial and the dissipative dielectric (2018) Problems of Atomic Science and Technology, 118 (6), pp. 109-112.</li> <li>5. Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field (2017) Contributions to Plasma Physics, 57 (5), pp. 196-208.</li> <li>6. Superradiant emission regimes of the system of stationary oscillators (2017) Problems of Atomic Science and Technology, 112 (6), pp. 101-104.</li> <li>7. Dissipative generation regime of a system of stationary oscillators (2017) Problems of Atomic Science and Technology, 112 (6), pp. 88-90.</li> <li>8. Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain (2017) Problems of Atomic Science and Technology, 107 (1), pp. 96-99.</li> <li>9. Slow and fast surface electromagnetic waves in planar structures contained left-handed material (2015) Problems of Atomic Science and Technology, 98 (4), pp. 306-309.</li> <li>10. Eigen dipolar electromagnetic waves of coaxial non-uniform plasma-metall waveguide with external azimuth magnetic field (2015) Problems of Atomic Science and Technology, 95 (1), pp. 77-80.</li> <li>11. Surface electromagnetic waves in left-handed material slab embedded in plasmalike media (2014) Problems of Atomic Science and Technology, 94 (6), pp. 112-115.</li> <li>12. Eigen dipolar electromagnetic waves of coaxial plasma-metall waveguide structure with azimuth magnetic field (2013) Problems of Atomic Science and Technology, (1), pp. 93-95.</li> <li>13. Phase and group velocities of electromagnetic eigen waves of left-hand material slab (2012) Problems of Atomic Science and Technology, (6), pp. 87-89.</li> </ol>	14	<ol style="list-style-type: none"> <li>1. SIMULATION OF SYNCHRONIZATION OF NONLINEAR OSCILLATORS BY THE EXTERNAL FIELD.EAST EUROPEAN JOURNAL OF PHYSICS,4,2017,4, c.75-84.</li> <li>2. DISSIPATIVE GENERATION REGIME OF A SYSTEM OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017,c. 88-90.</li> <li>3. SUPERRADIANT EMISSION REGIMES OF THE SYSTEM OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017, c. 101-104.</li> <li>4. SURFACE ELECTROMAGNETIC WAVES ON BOUNDARY BETWEEN LOSSY DIELECTRIC AND LEFT-HANDED MATERIAL WITH GAIN.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017, c. 96-99</li> <li>5. SURFACE ELECTROMAGNETIC WAVES IN LEFT-HANDED MATERIAL SLAB EMBEDDED IN PLASMALIKE MEDIA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2014, c. 112-115.</li> <li>6. PHASE AND GROUP VELOCITIES OF ELECTROMAGNETIC EIGEN WAVES OF LEFT-HAND MATERIAL SLAB.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012, c. 87-89.</li> <li>7. MODELLING OF THE ELECTROMAGNETIC SURFACE WAVES PROPAGATION ON THE INTERFACE BETWEEN THE LEFT-HANDED METAMATERIAL AND THE DISSIPATIVE DIELECTRIC.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 109-112.</li> <li>8. ELECTROMAGNETIC MODEL OF GAS DISCHARGE IN LONG TUBE OF SLIGHTLY VARYING RADIUS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 113-116.</li> <li>9. SUPERRADIANCE OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY, 2018, c. 217-220.</li> <li>10. THE SUPERRADIANCE OF A BUNCH OF ROTATING ELECTRONS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 221-224.</li> <li>11. Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field.CONTRIBUTIONS TO PLASMA PHYSICS,57,2017,57, c. 196-208.</li> <li>12. EIGEN DIPOLAR ELECTROMAGNETIC WAVES OF COAXIAL</li> </ol>

					NON-UNIFORM PLASMA-METALL WAVEGUIDE WITH EXTERNAL AZIMUTH MAGNETIC FIELD.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 77-80. 13. SLOW AND FAST SURFACE ELECTROMAGNETIC WAVES IN PLANAR STRUCTURES CONTAINED LEFT-HANDED MATERIAL.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 306-309. 14. EIGEN DIPOLAR ELECTROMAGNETIC WAVES OF COAXIAL PLASMA-METALL WAVEGUIDE STRUCTURE WITH AZIMUTH MAGNETIC FIELD.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 93-95.
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Гушин Іван Валерійович			5 1. STRUCTURAL TRANSITIONS IN THE MODEL OF PROCTOR-SIVASHINSKY.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2010, c. 296-298. 2. PATTERN FORMATION IN UNSTABLE VISCOUS CONVECTIVE MEDIUM.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 251-255. 3. STRUCTURAL-PHASE TRANSITIONS AND STATE FUNCTION IN UNSTABLE CONVECTIVE MEDIUM.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 252-254. 4. STRUCTURAL PHASE TRANSITIONS IN THIN CONVECTION AT DEPENDENCE OF VISCOSITY ON TEMPERATURE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 256-258. 5. STATE FUNCTION IN UNSTABLE CONVECTIVE MEDIUM.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2, c. 32-35.
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Карась Ірина В'ячеславівна	6	1. Heating of plasmas by microwave radiation with stochastic jumpphase (2018) Problems of Atomic Science and Technology, 116 (4), pp. 235-240. 2. Electromagnetic modes of a coaxial plasma waveguide in an external magnetic field (2015) Problems of Atomic Science and Technology, 98 (4), pp. 36-42. 3. Special features of low-pressure discharge initiated by microwave radiation with stochastic jumping phase(2013) IEEE Transactions on Plasma Science, 41 (9), стаття № 6587607, pp. 2458-2463. 4. Optical radiation special features from plasma of low pressure discharge initiated by microwave radiation with stochastic jumping phase(2013) Problems of Atomic Science and Technology, (4), pp. 183-188. 5. Low pressure discharge induced by microwave with stochastically jumping phase(2012) 39th EPS Conference on Plasma Physics 2012, EPS 2012 and the 16th International Congress on Plasma Physics, 2, pp. 1034-1037. 6. Low pressure discharge induced by microwaves with stochastically jumping phase(2012) Problems of Atomic Science and Technology, (1), pp. 342-345.	7 1. OPTICAL RADIATION SPECIAL FEATURES FROM PLASMA OF LOW PRESSURE DISCHARGE INITIATED BY MICROWAVE RADIATION WITH STOCHASTIC JUMPING PHASE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 183-188. 2. LOW PRESSURE DISCHARGE INITIATED BY MICROWAVE RADIATION WITH STOCHASTICALLY JUMPING PHASE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012, c. 142-145. 3. STUDIES OF MICROWAVE CHARACTERISTICS AND PLASMA PARAMETERS IN LOW PRESSURE DISCHARGE INITIATED IN COAXIAL WAVEGUIDE BY STOCHASTIC RADIATION.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 197-201. 4. ELECTROMAGNETIC MODES OF A COAXIAL PLASMA WAVEGUIDE IN AN EXTERNAL MAGNETIC FIELD.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015, c. 36-42. 5. HEATING OF PLASMAS BY MICROWAVE RADIATION WITH STOCHASTIC JUMPPHASE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018, c. 235-240. 6. STUDIES OF PLASMA PARAMETERS IN LOW PRESSURE DISCHARGE INITIATED IN COAXIAL WAVEGUIDE BY MICROWAVE STOCHASTIC RADIATION.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2016, c.148-151. 7. LOW PRESSURE DISCHARGE INDUCED BY MICROWAVES WITH STOCHASTICALLY JUMPING PHASE.PROBLEMS OF ATOMIC SCIENCE

						AND TECHNOLOGY,2012, c. 342-345.
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Лазурик Валентина Михайлівна	4	<ol style="list-style-type: none"> <li>1. Dosimetry method based on a two-parametric model of electrons beam for radiation processing(2017) Problems of Atomic Science and Technology, 112 (6), pp. 137-141.</li> <li>2. Two-parametric model of electron beam in computational dosimetry for radiation processing(2016) Radiation Physics and Chemistry, 124, pp. 230-234.</li> <li>3. Impact of energy spread of electron beam on absorbed dose distribution (2013) Problems of Atomic Science and Technology, (4), pp. 308-310.</li> <li>4. Comparison of product irradiation technology on industrial X-ray radiation facility(2012) Problems of Atomic Science and Technology, (4), pp. 216-220.</li> </ol>	5	<ol style="list-style-type: none"> <li>1. Two-parametric model of electron beam in computational dosimetry for radiation processing.RADIATION PHYSICS AND CHEMISTRY,124,2016,124, c. 230-234.</li> <li>2. DOSIMETRY METHOD BASED ON A TWO-PARAMETRIC MODEL OF ELECTRONS BEAM FOR RADIATION PROCESSING.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017, c. 137-141.</li> <li>3. DETERMINATION OF THE STANDARD CHARACTERISTICS OF DEPTH-DOSE DISTRIBUTIONS ON THE BASE OF SEMIEMPIRICAL MODEL OF ELECTRONS ENERGY DEPOSITION.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2, c. 45-51.</li> <li>4. IMPACT OF ENERGY SPREAD OF ELECTRON BEAM ON ABSORBED DOSE DISTRIBUTION.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 308-310.</li> <li>5. COMPARISON OF PRODUCT IRRADIATION TECHNOLOGY ON INDUSTRIAL X-RAY RADIATION FACILITY.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012, c. 216-220.</li> </ol>
Комп'ютерних наук	Кафедра моделювання систем і технологій	Лазурик Валентин Тимофійович	7	<ol style="list-style-type: none"> <li>1. Dosimetry method based on a two-parametric model of electrons beam for radiation processing(2017) Problems of Atomic Science and Technology, 112 (6), pp. 137-141.</li> <li>2. Two-parametric model of electron beam in computational dosimetry for radiation processing(2016) Radiation Physics and Chemistry, 124, pp. 230-234.</li> <li>3. Impact of energy spread of electron beam on absorbed dose distribution(2013) Problems of Atomic Science and Technology, (4), pp. 308-310.</li> <li>4. Use of neural networks for monitoring beam spectrum of industrial electron accelerators(2013) CEUR Workshop Proceedings, 1000, pp. 118-129.</li> <li>5. Comparison of product irradiation technology on industrial X-ray radiation facility(2012) Problems of Atomic Science and Technology, (4), pp. 216-220.</li> <li>6. Research of deceleration radiation yield on high-current accelerators of relativistic electron beams of Ipenma(2012) Problems of Atomic Science and Technology, (4), pp. 163-166.</li> <li>7. Advantages of neural networks for deriving an electrons spectrum from depth-charge curve(2012) IEEE Nuclear Science Symposium Conference Record, стаття № 6154625, pp. 1395-1397.</li> </ol>	5	<ol style="list-style-type: none"> <li>1. Two-parametric model of electron beam in computational dosimetry for radiation processing.RADIATION PHYSICS AND CHEMISTRY,124,2016,124, c. 230-234.</li> <li>2. DOSIMETRY METHOD BASED ON A TWO-PARAMETRIC MODEL OF ELECTRONS BEAM FOR RADIATION PROCESSING.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017, c. 137-141.</li> <li>3. DETERMINATION OF THE STANDARD CHARACTERISTICS OF DEPTH-DOSE DISTRIBUTIONS ON THE BASE OF SEMIEMPIRICAL MODEL OF ELECTRONS ENERGY DEPOSITION.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2, c. 45-51.</li> <li>4. IMPACT OF ENERGY SPREAD OF ELECTRON BEAM ON ABSORBED DOSE DISTRIBUTION.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013, c. 308-310.</li> <li>5. COMPARISON OF PRODUCT IRRADIATION TECHNOLOGY ON INDUSTRIAL X-RAY RADIATION FACILITY.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012, c. 216-220.</li> </ol>
Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Жолткевич Григорій Миколайович	33	<ol style="list-style-type: none"> <li>1. Descriptive Modeling of the Dynamical Systems and Determination of Feedback Homeostasis at Different Levels of Life Organization // Acta Biotheoretica, 2018, p. 1-13.</li> <li>2. Two approaches to modelling logical time in cyber-physical systems // Communications in Computer and Information Science, 2018, 826, c. 21-40.</li> <li>3. Preface // Communications in Computer and Information Science, 2018, 826, c. V-VII.</li> <li>4. Toward synthesis of event-pattern detectors for event complex processing with using machine learning // CEUR Workshop Proceedings 2018, V. 2104, c. 707-715.</li> <li>5. Category methods for analysis of two approaches to modelling logical time based on concept of clocks // CEUR Workshop Proceedings 2018, V. 2104, c.</li> </ol>	7	<ol style="list-style-type: none"> <li>1. Descriptive Modeling of the Dynamical Systems and Determination of Feedback Homeostasis at Different Levels of Life Organization // Acta Biotheoretica, 2018, p. 1-13.</li> <li>2. Two approaches to modelling logical time in cyber-physical systems // Communications in Computer and Information Science, 2018, 826, c. 21-40.</li> <li>3. Realization of synchronous and asynchronous black boxes using machines // Communications in Computer and Information Science, 2016, 594, c. 124-139.</li> <li>4. Unmasking the soil cover's disruption by modeling the dynamics of ground vegetation parameters // Visnyk NTUU KPI Seria-Radiotekhnika Radioaparaturbuduvannia, 2016, 64, c. 101-109.</li> <li>5. Coalgebraic semantic model for the clock constraint specification language // Communications in Computer and Information Science, 2015, 476, c.</li> </ol>



			<p>696-706.</p> <p>6. Logical time models to study cyber-physical systems // CEUR Workshop Proceedings, V.1844, 2017, P. 488-503.</p> <p>7. Preface // CEUR Workshop Proceedings, V.1851, 2017.</p> <p>8. Development of the descriptive binary model and its application for identification of clumps of toxic cyanobacteria // Eastern European Journal of Enterprise Technologies, V. 4, Issue 4-88, 2017, P. 4-11.</p> <p>9. Descriptive models of system dynamics // Communications in Computer and Information Science, V. 783, 2017, P. 97-114.</p> <p>10. Preface // Communications in Computer and Information Science, V. 783, 2017, P. V-VI.</p> <p>11. Realization of synchronous and asynchronous black boxes using machines // Communications in Computer and Information Science, 2016, 594, c. 124-139.</p> <p>12. Preface // Communications in Computer and Information Science, 2016, 594, c. V-VI.</p> <p>13. Descriptive models of system dynamics // CEUR Workshop Proceedings, 2016, 1614, c. 57-72.</p> <p>14. Preface // CEUR Workshop Proceedings, 2016, 1614, c. i-ii.</p> <p>15. Realization of "black boxes" using machines // CEUR Workshop Proceedings, 2015, 1356, c. 326-337.</p> <p>16. Coalgebraic semantic model for the clock constraint specification language // Communications in Computer and Information Science, 2015, 476, c. 174-188.</p> <p>17. Preface // CEUR Workshop Proceedings, 2015, 1356</p> <p>18. Decomposition of Directed Graphs and the Turán Problem // Ukrainian Mathematical Journal, 2014, 66(7), c. 1070-1084.</p> <p>19. Pre-automata and complex event processing // Communications in Computer and Information Science, 2014, 469, c. 100-116.</p> <p>20. Information and communication technologies in education, research, and industrial application: 10th International Conference, ICTERI 2014 Kherson, Ukraine, June 9–12, 2014 revised selected papers // Communications in Computer and Information Science, 2014, 469.</p> <p>21. Preface // Communications in Computer and Information Science, 2014, 469, c. V-VII.</p> <p>22. Discrete Modeling of Dynamics of Zooplankton Community at the Different Stages of an Antropogeneus Eutrophication // Acta Biotheoretica, 2013, 61(4), c. 449-465</p> <p>23. Asymptotical information bound of consecutive qubit binary testing // CEUR Workshop Proceedings, 2013, 1000, c. 163-177.</p> <p>24. Protoautomata as models of systems with data accumulation // CEUR Workshop Proceedings, 2013, 1000, c. 582-589.</p> <p>25. Wireframe model for simulating quantum information processing systems // CEUR Workshop Proceedings, 2013, 1000, c. 18-29.</p> <p>26. Abstract quantum automata as formal models of quantum information processing systems // Communications in Computer and Information Science, 2013, 347 CCIS, c. 19-38.</p> <p>27. Clocks model for specification and analysis of timing in real-time embedded systems // CEUR Workshop Proceedings, 2013, 1000, c. 475-489</p>	<p>174-188.</p> <p>6. Decomposition of Directed Graphs and the Turán Problem // Ukrainian Mathematical Journal, 2014, 66(7), c. 1070-1084.</p> <p>7. Discrete Modeling of Dynamics of Zooplankton Community at the Different Stages of an Antropogeneus Eutrophication // Acta Biotheoretica, 2013, 61(4), c. 449-465.</p>
--	--	--	---	--

				<p>28. Two Semantic Models for Clock Relations in the Clock Constraint Specification Language // Communications in Computer and Information Science, 2013, 412 CCIS, c. 190-209.</p> <p>29. Information and Communication Technologies in Education, Research, and Industrial Applications: 9th International Conference, ICTERI 2013, Kherson, Ukraine, June 19-22, 2013, Revised Selected Papers // Communications in Computer and Information Science, 2013, 412 CCIS.</p> <p>30. Preface // Communications in Computer and Information Science, 2013, 347 CCIS, c. V-VII.</p> <p>31. Preface // CEUR Workshop Proceedings, 2013, 1000, c. I-II.</p> <p>32. Towards the notion of an abstract quantum automaton // CEUR Workshop Proceedings, 2012, 848, c. 17-32.</p> <p>33. Preface // CEUR Workshop Proceedings, 2012, 848, c. 3-4.</p>		
Математики і інформатики	Кафедра фундаментальної математики	Кадець Володимир Михайлович	30	<ol style="list-style-type: none"> <li>1. Nonexpansive bijections to the unit ball of the <math>\ell_1</math>-sum of strictly convex Banach spaces//Bulletin of the Australian Mathematical Society, 2018, 97(2), p. 285-292.</li> <li>2. Some geometric properties of Read's space// Journal of Functional Analysis, 2018, 274(3), c. 889-899.</li> <li>3. <math>\Gamma</math>-flatness and Bishop–Phelps–Bollobás type theorems for operators// Journal of Functional Analysis, 2018, 274(3), c. 863-888.</li> <li>4. Some stability results// Lecture Notes in Mathematics, 2018, V. 2205, c. 115-150.</li> <li>5. Some examples in classical banach spaces// Lecture Notes in Mathematics, 2018, V. 2205, c. 67-82.</li> <li>6. Preface// Lecture Notes in Mathematics, 2018, V. 2205, c. vii-xii.</li> <li>7. Further results// Lecture Notes in Mathematics, 2018, V. 2205, c. 83-95</li> <li>8. Spear operators between banach spaces// Lecture Notes in Mathematics, 2018, V. 2205, c. 153-161.</li> <li>9. Open problems// Lecture Notes in Mathematics, 2018, V. 2205, c. 151-152.</li> <li>10. Spear vectors and spear sets // Lecture Notes in Mathematics, 2018, V. 2205, c. 37-47.</li> <li>11. Lipschitz spear operators// Lecture Notes in Mathematics, 2018, V. 2205, c. 103-113.</li> <li>12. Historical introduction: A walk on the results for banach spaces with numerical index 1 // Lecture Notes in Mathematics, 2018, V. 2205, c. 1-36.</li> <li>13. Isometric and isomorphic consequences // Lecture Notes in Mathematics, 2018, V. 2205, c. 97-102.</li> <li>14. Three definitions for operators: Spearness, the alternative daugavet property, and lushness// Lecture Notes in Mathematics, 2018, V. 2205, c. 49-66</li> <li>15. Baire theorem for ideals of sets// Journal of Mathematical Analysis and Applications, 2017, 445(2), c. 1221-1231.</li> <li>16. Quantitative version of the Bishop–Phelps–Bollobás theorem for operators with values in a space with the property <math>\beta</math>//Matematychni Studii, 2017, 47(1), c. 71-90.</li> <li>1. Further Properties of the Bishop–Phelps–Bollobás Moduli // Mediterranean Journal of Mathematics, 2016, V. 13, Issue 5, p 3173–3183.</li> <li>2. Plasticity of the unit ball of a strictly convex Banach space // Revista de</li> </ol>	30	<ol style="list-style-type: none"> <li>1. Chebyshev Centers that are Not Farthest Points // Indian Journal of Pure and Applied Mathematics, 2018, 49(2), c. 189-204.</li> <li>2. Nonexpansive bijections to the unit ball of the <math>\ell_1</math>-sum of strictly convex Banach spaces//Bulletin of the Australian Mathematical Society, 2018, 97(2), p. 285-292.</li> <li>3. Some geometric properties of Read's space// Journal of Functional Analysis, 2018, 274(3), c. 889-899.</li> <li>4. <math>\Gamma</math>-flatness and Bishop–Phelps–Bollobás type theorems for operators// Journal of Functional Analysis, 2018, 274(3), c. 863-888.</li> <li>5. Some stability results// Lecture Notes in Mathematics, 2018, V. 2205, c. 115-150.</li> <li>6. Some examples in classical banach spaces// Lecture Notes in Mathematics, 2018, V. 2205, c. 67-82.</li> <li>7. Preface// Lecture Notes in Mathematics, 2018, V. 2205, c. vii-xii.</li> <li>8. Further results// Lecture Notes in Mathematics, 2018, V. 2205, c. 83-95</li> <li>9. Spear operators between banach spaces// Lecture Notes in Mathematics, 2018, V. 2205, c. 153-161.</li> <li>10. Open problems// Lecture Notes in Mathematics, 2018, V. 2205, c. 151-152.</li> <li>11. Spear vectors and spear sets // Lecture Notes in Mathematics, 2018, V. 2205, c. 37-47.</li> <li>12. Lipschitz spear operators// Lecture Notes in Mathematics, 2018, V. 2205, c. 103-113.</li> <li>13. Historical introduction: A walk on the results for banach spaces with numerical index 1 // Lecture Notes in Mathematics, 2018, V. 2205, c. 1-36.</li> <li>14. Isometric and isomorphic consequences // Lecture Notes in Mathematics, 2018, V. 2205, c. 97-102.</li> <li>15. Three definitions for operators: Spearness, the alternative daugavet property, and lushness// Lecture Notes in Mathematics, 2018, V. 2205, c. 49-66.</li> <li>16. Operations with slicely countably determined sets // Funct. Approx. Comment. Math., 2018, 59, 1 p. 77-98.</li> <li>17. Baire theorem for ideals of sets// Journal of Mathematical Analysis and Applications, 2017, 445(2), c. 1221-1231.</li> <li>18. Further Properties of the Bishop–Phelps–Bollobás Moduli // Mediterranean Journal of Mathematics, 2016, V. 13, Issue 5, p 3173–3183.</li> </ol>

				<p>la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matematicas, 2016, 110(2), c. 723-727.</p> <p>3. Norm-attaining Lipschitz functionals // Banach Journal of Mathematical Analysis, 2016, 10(3), c. 621-637.</p> <p>4. Hypercyclic operators are subspace hypercyclic // Journal of Mathematical Analysis and Applications, 2016, 435(2), c. 1812-1815.</p> <p>5. Lipschitz slices and the daugavet equation for Lipschitz operators // Proceedings of the American Mathematical Society, 2015, 143(12) c. 5281-5292</p> <p>6. Description of the limit set of Henstock-Kurzweil integral sums of vector-valued functions // Journal of Mathematical Analysis and Applications, 2015, 421(2), c. 1151-1162.</p> <p>7. Two refinements of the Bishop-Phelps-Bollobás modulus // Banach Journal of Mathematical Analysis, 2015, 9(4), c. 296-315.</p> <p>8. Bishop-Phelps-Bollobás moduli of a Banach space // Journal of Mathematical Analysis and Applications, 2014, 412(2), c. 697-719.</p> <p>9. Radon-Nikodým theorems for multimeasures in non-separable spaces // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(1), c. 7-24.</p> <p>10. A Bishop-Phelps-Bollobás type theorem for uniform algebras // Advances in Mathematics, 2013, 240, c. 370-382.</p> <p>11. Lushness, numerical index 1 and the daugavet property in rearrangement invariant spaces // Canadian Journal of Mathematics, 2013, 65(2), c. 331-348.</p> <p>12. Extension of isometries between unit spheres of finite-dimensional polyhedral Banach spaces // Journal of Mathematical Analysis and Applications, 2012, 396(2), c. 441-447</p> <p>13. Pointwise absolutely convergent series of operators and related classes of Banach spaces // Central European Journal of Mathematics, 2012, 10(2), c. 603-608.</p>		<p>19. Plasticity of the unit ball of a strictly convex Banach space // Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matematicas, 2016, 110(2), c. 723-727.</p> <p>20. Norm-attaining Lipschitz functionals // Banach Journal of Mathematical Analysis, 2016, 10(3), c. 621-637.</p> <p>21. Hypercyclic operators are subspace hypercyclic // Journal of Mathematical Analysis and Applications, 2016, 435(2), c. 1812-1815.</p> <p>22. Lipschitz slices and the daugavet equation for Lipschitz operators // Proceedings of the American Mathematical Society, 2015, 143(12) c. 5281-5292.</p> <p>23. Description of the limit set of Henstock-Kurzweil integral sums of vector-valued functions // Journal of Mathematical Analysis and Applications, 2015, 421(2), c. 1151-1162.</p> <p>24. Two refinements of the Bishop-Phelps-Bollobás modulus // Banach Journal of Mathematical Analysis, 2015, 9(4), c. 296-315.</p> <p>25. Bishop-Phelps-Bollobás moduli of a Banach space // Journal of Mathematical Analysis and Applications, 2014, 412(2), c. 697-719.</p> <p>26. Radon-Nikodým theorems for multimeasures in non-separable spaces // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(1), c. 7-24.</p> <p>27. A Bishop-Phelps-Bollobás type theorem for uniform algebras // Advances in Mathematics, 2013, 240, c. 370-382.</p> <p>28. Lushness, numerical index 1 and the daugavet property in rearrangement invariant spaces // Canadian Journal of Mathematics, 2013, 65(2), c. 331-348.</p> <p>29. Extension of isometries between unit spheres of finite-dimensional polyhedral Banach spaces // Journal of Mathematical Analysis and Applications, 2012, 396(2), c. 441-447.</p> <p>30. Pointwise absolutely convergent series of operators and related classes of Banach spaces // Central European Journal of Mathematics, 2012, 10(2), c. 603-608.</p>
Математики і інформатики	Кафедра прикладної математики	Кізілова Наталія Миколаївна	14	<p>1. Validation of numerical models for flow simulation and wave propagation along human aorta // Journal of Physics: Conference Series, 2018, 1101(1), 012014.</p> <p>2. A mechanical model of heart valves with chordae for in silico real-time computations and cardiac surgery planning // Engineering Transactions, 2018, 66(4), c. 391-412.</p> <p>3. Investigation of antiradiation and anticancer efficiency of nanodiamonds on rat erythrocytes // Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017 2017-January, 8190335.</p> <p>4. Complex flows of immiscible microfluids and nanofluids with velocity slip boundary conditions // Springer Proceedings in Physics, 2017, 195, c. 207-228.</p> <p>5. Numerical elastoplastic analysis of trabeculae in lumbar vertebral body // Engineering Transactions, 2017, 65(1), c. 83-88.</p> <p>6. Three-chamber model of human vascular system for explanation the quasi-regular and chaotic dynamics of the blood pressure and flow oscillations // Springer Proceedings in Mathematics and Statistics, 2016, 181, c. 209-220.</p> <p>7. Biomechanical analysis of asymmetric mesio-distal molar positions</p>	6	<p>1. Investigation of antiradiation and anticancer efficiency of nanodiamonds on rat erythrocytes // Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017 2017-January, 8190335.</p> <p>2. Complex flows of immiscible microfluids and nanofluids with velocity slip boundary conditions Springer Proceedings in Physics, 2017, 195, c. 207-228.</p> <p>3. Diagnostics of coronary stenoses: Analysis of arterial blood pressure signals and mathematical modeling // BIOSIGNALS 2014 - 7th Int. Conference on Bio-Inspired Systems and Signal Processing, Proceedings; Part of 7th Int. Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2014, c. 76-83.</p> <p>4. Quasi-regular and chaotic dynamics of postural sway in human // Springer Proceedings in Mathematics and Statistics, 2014, 93, c. 103-114.</p> <p>5. Mathematical models of biofluid flows in compliant ducts // Archives of Mechanics, 2012, 64(1), c. 65-94.</p> <p>6. Mathematical modeling of transport-growth processes in multiphase biological continua // Fluid Dynamics, 2012, 47(1), c. 1-9.</p>

				<p>loaded by a symmetric cervical headgear // Acta of Bioengineering and Biomechanics, 2016, 18(4), c. 97-106.</p> <p>8. Nature inspired optimal design of heat conveying networks for advanced fiber-reinforced composites // Journal of Thermal Engineering, 2015, 1(7), c. 636-646.</p> <p>9. Diagnostics of coronary stenosis: Analysis of arterial blood pressure and mathematical modeling // Communications in Computer and Information Science, 2015, 511, c. 299-312.</p> <p>10. Biomimetic composites reinforced by branched nanofibers // Springer Proceedings in Physics, 2015, 167, c. 7-23.</p> <p>11. Diagnostics of coronary stenoses: Analysis of arterial blood pressure signals and mathematical modeling // BIOSIGNALS 2014 - 7th Int. Conference on Bio-Inspired Systems and Signal Processing, Proceedings; Part of 7th Int. Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2014, c. 76-83.</p> <p>12. Quasi-regular and chaotic dynamics of postural sway in human // Springer Proceedings in Mathematics and Statistics, 2014, 93, c. 103-114</p> <p>13. Mathematical models of biofluid flows in compliant ducts // Archives of Mechanics, 2012, 64(1), c. 65-94.</p> <p>14. Mathematical modeling of transport-growth processes in multiphase biological continua // Fluid Dynamics, 2012, 47(1), c. 1-9.</p>		
Математики і інформатики	Кафедра вищої математики і інформатики	Загороднюк Сергій Михайлович	14	<p>1. Difference equations related to Jacobi-type pencils // Journal of Difference Equations and Applications, 2018, 24(10), c. 1664-1684.</p> <p>2. On the truncated two-dimensional moment problem // Advances in Operator Theory, 2018, 3(2), c. 388-399.</p> <p>3. The inverse spectral problem for jacobi-type pencils // Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2017, 13, 085, (16 pages).</p> <p>4. Unitary extensions of Pairs of commuting isometric operators and their generalized resolvents // New York Journal of Mathematics, 2017, 23, c. 555-582.</p> <p>5. Orthogonal polynomials associated with some Jacobi-type pencils // Ukrainian Mathematical Journal, 2017, 68(9), c. 1353-1365.</p> <p>6. On extensions of J-skew-symmetric and J-isometric operators // Operators and Matrices, 2015, 9(4), c. 847-851.</p> <p>7. Truncated moment problems for J-self-adjoint, J-skew-self-adjoint and J-unitary operators // Annals of Functional Analysis, 2015, 6(2), c. 91-103.</p> <p>8. Invertible extensions of symmetric operators and the corresponding generalized resolvents // International Journal of Mathematical Analysis, 2014, 8(53-56), c. 2639-2649.</p> <p>9. On the density of polynomials in some spaces <math>L^2(M)</math> // Mathematical Notes, 2014, 95(1-2), c. 53-66.</p> <p>10. An algorithm for the truncated matrix hausdorff moment problem // Communications in Mathematical Analysis, 2014, 17(2), c. 108-130.</p> <p>11. Nevanlinna formula for the truncated matrix trigonometric moment problem // Ukrainian Mathematical Journal, 2013, 64(8), c. 1199-1214.</p> <p>12. Generalized resolvents of symmetric and isometric operators: The</p>	14	<p>1. Difference equations related to Jacobi-type pencils // Journal of Difference Equations and Applications, 2018, 24(10), c. 1664-1684.</p> <p>2. On the truncated two-dimensional moment problem // Advances in Operator Theory, 2018, 3(2), c. 388-399.</p> <p>3. The inverse spectral problem for jacobi-type pencils // Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2017, 13, 085, (16 pages).</p> <p>4. Unitary extensions of Pairs of commuting isometric operators and their generalized resolvents // New York Journal of Mathematics, 2017, 23, c. 555-582.</p> <p>5. Orthogonal polynomials associated with some Jacobi-type pencils // Ukrainian Mathematical Journal, 2017, 68(9), c. 1353-1365.</p> <p>6. On extensions of J-skew-symmetric and J-isometric operators // Operators and Matrices, 2015, 9(4), c. 847-851.</p> <p>7. Truncated moment problems for J-self-adjoint, J-skew-self-adjoint and J-unitary operators // Annals of Functional Analysis, 2015, 6(2), c. 91-103.</p> <p>8. The truncated matrix trigonometric moment problem with an open gap // Concrete Operators, 2015, 2(1), c. 17-26.</p> <p>9. On the truncated operator trigonometric moment problem // Concrete Operators, 2015, 2(1), c. 37-46.</p> <p>10. On the density of polynomials in some spaces <math>L^2(M)</math> // Mathematical Notes, 2014, 95(1-2), c. 53-66.</p> <p>11. Nevanlinna formula for the truncated matrix trigonometric moment problem // Ukrainian Mathematical Journal, 2013, 64(8), c. 1199-1214.</p> <p>12. Generalized resolvents of symmetric and isometric operators: The shtraus approach // Annals of Functional Analysis, 2013, 4(1), c. 175-285.</p> <p>13. Devinatz's moment problem: A description of all solutions // Journal of</p>

				shtraus approach // Annals of Functional Analysis, 2013, 4(1), c. 175-285. 13. Devinatz's moment problem: A description of all solutions // Journal of Operator Theory, 2012, 68(2), c. 515-541. 14. The matrix Stieltjes moment problem: A description of all solutions // New York Journal of Mathematics, 2012, 18, c. 479-497.		Operator Theory, 2012, 68(2), c. 515-541. 14. The matrix Stieltjes moment problem: A description of all solutions // New York Journal of Mathematics, 2012, 18, c. 479-497.
Математики і інформатики	Кафедра прикладної математики	Коробов Валерій Іванович	12	1. On the Robust Stabilization of One Class of Nonlinear Discrete Systems // Journal of Mathematical Sciences, 2017, 220(4), c. 483-497. 2. On robust feedback for systems with multidimensional control // Journal of Mathematical Physics, Analysis, Geometry, 2017 13(1), c. 35-56. 3. Stabilization of one class of nonlinear systems // Automation and Remote Control, 2017, 78(1), c. 1-15. 4. Robust Feedback Synthesis for the Canonical System // Ukrainian Mathematical Journal, 2016, 68(3), c. 380-398. 5. Stepwise synthesis of constrained controls for single input nonlinear systems of special form // Nonlinear Differential Equations and Applications, 2016, 23(3),31. 6. Almost power sum systems // Mathematics of Computation, 2016, 85(298), c. 717-736. 7. On stabilization problem for nonlinear systems with power principal part // Journal of Mathematical Physics, Analysis, Geometry, 2016, 12(2), c. 113-133 8. Construction of a Set of Restricted Inertial Controls for $C^{(1)}$ -Smooth Affine Systems with Multidimensional Control // Journal of Dynamical and Control Systems, 2015, 21(4), c. 513-538. 9. Construction of restricted controls for a non-equilibrium point in global sense // Vietnam Journal of Mathematics, 2015, 43(2), c. 459-469. 10. Robust feedback synthesis problem for systems with a single perturbation // Communications in Mathematical Analysis, 2014, 17(2), c. 217-230. 11. Robust stabilization of one class of nonlinear systems // Automation and Remote Control, 2014, 75(8), c. 1433-1444. 12. Global positional synthesis and stabilization in finite time of MIMO generalized triangular systems by means of the controllability function method // Journal of Mathematical Sciences, 2013, 189(5), c. 795-80.	9	1. On robust feedback for systems with multidimensional control // Journal of Mathematical Physics, Analysis, Geometry, 2017 13(1), c. 35-56. 2. Stabilization of one class of nonlinear systems // Automation and Remote Control, 2017, 78(1), c. 1-15. 3. Robust Feedback Synthesis for the Canonical System // Ukrainian Mathematical Journal, 2016, 68(3), c. 380-398. 4. Stepwise synthesis of constrained controls for single input nonlinear systems of special form // Nonlinear Differential Equations and Applications, 2016, 23(3),31. 5. Almost power sum systems // Mathematics of Computation, 2016, 85(298), c. 717-736. 6. On stabilization problem for nonlinear systems with power principal part // Journal of Mathematical Physics, Analysis, Geometry, 2016, 12(2), c. 113-133. 7. Construction of a Set of Restricted Inertial Controls for $C^{(1)}$ -Smooth Affine Systems with Multidimensional Control // Journal of Dynamical and Control Systems, 2015, 21(4), c. 513-538. 8. Construction of restricted controls for a non-equilibrium point in global sense // Vietnam Journal of Mathematics, 2015, 43(2), c. 459-469. 9. Robust stabilization of one class of nonlinear systems // Automation and Remote Control, 2014, 75(8), c. 1433-1444.
Математики і інформатики	Кафедра фундаментальної математики	Гефтер Сергій Леонідович	11	1. Application of the p-Adic Topology on $\mathbb{Z}$ to the Problem of Finding Solutions in Integers of an Implicit Linear Difference Equation // Journal of Mathematical Sciences, 2018, 235(3), c. 256-261. 2. Linear Operator-Differential Equation with Generalized Quasipolynomial on the Right-Hand Side // Journal of Mathematical Sciences, 2018, 231(3), c. 338-346. 3. The Hurwitz Product, p-Adic Topology on $\mathbb{Z}$ , and Fundamental Solution to Linear Differential Equation in the Ring $\mathbb{Z}[[x]]$ // Journal of Mathematical Sciences, 2018, 228(6), c. 633-638. 4. Generalized backward shift operators on the ring $\mathbb{Z}[[x]]$ , Cramer's rule for infinite linear systems, and p-adic integers // Operator Theory: Advances and Applications, 2018, 268, c. 247-259. 5. Operator Bruwier Series and Initial Problem for a Linear Differential-Difference Equation in a Banach Space // Journal of Mathematical Sciences, 2017, 226(4), c. 335-343.		

				<p>6. Fundamental Solution of an Implicit Linear Inhomogeneous First Order Differential Equation Over an Arbitrary Ring // Journal of Mathematical Sciences, 2016, 219(6), c. 922-935.</p> <p>7. Fundamental solution of the simplest implicit linear differential equation in a vector space // Journal of Mathematical Sciences, 2015, 207(2), c. 166-175.</p> <p>8. On some vector differential operators of infinite order // Operator Theory: Advances and Applications, 2014, 236, c. 193-203.</p> <p>9. On Entire Solutions of Exponential Type for Some Implicit Linear Differential-Difference Equation in a Banach Space // Journal of Mathematical Sciences, 2014, 202(4), c. 541-545.</p> <p>10. Vector differential-difference operators of infinite order in spaces of entire functions of exponential type // Journal of Mathematical Sciences, 2014, 196(4), c. 515-523.</p> <p>11. On solutions of zero exponential type for some inhomogeneous differential-difference equations in a Banach space // Springer Proceedings in Mathematics and Statistics, 2013, 54, c. 253-263.</p>		
Математики і інформатики	Кафедра прикладної математики	Несвіт Катерина Віталіївна	9	<p>1. Discrete Mathematical Model of the Problem of Diffraction for E -Polarized Waves on Slots in the Impedance Plane // Journal of Mathematical Sciences, 2016, 212(2), c. 142-155.</p> <p>2. Importance of diameter-to-length ratio in selecting dental implants: A methodological finite element study // Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17(4), c. 443-449.</p> <p>3. Mathematical and computational modeling of the diffraction problems by discrete singularities method // AIP Conference Proceedings, 2014, 1629, c. 102-109.</p> <p>4. Scattering and propagation of the TE/TM waves on pre-fractal impedance grating in numerical results // 8th European Conference on Antennas and Propagation, EuCAP 2014, 6902400, c. 2773-2777.</p> <p>5. Discrete mathematical model of wave diffraction on pre-fractal impedance strips. TM mode case // AIP Conference Proceedings, 2013, 1561, c. 219-223.</p> <p>6. Scattering and diffraction of TM modes on a grating consisting of a finite number of pre-fractal thin impedance strips // European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, 06686864, c. 1143-1146.</p> <p>7. Discrete mathematical model of diffraction on pre-cantor set of slits in impedance plane and numerical experiment // International Journal of Mathematical Models and Methods in Applied Sciences, 2013, 7(11), c. 897-906.</p> <p>8. The diffraction problem of e polarized wave on the pre-cantor periodic grating with reflector and its discrete mathematical model // 7th European Conference on Antennas and Propagation, EuCAP 2013, 6546448, c. 1072-1078.</p> <p>9. Hypersingular integral equation of wave diffraction problem on pre-Cantor grating and its discrete mathematical models // Proceedings of the International Conference Days on Diffraction, DD 2012, 6402775, c. 183-187.</p>	6	<p>1. Mathematical and computational modeling of the diffraction problems by discrete singularities method // AIP Conference Proceedings, 2014, 1629, c. 102-109.</p> <p>2. Scattering and propagation of the TE/TM waves on pre-fractal impedance grating in numerical results // 8th European Conference on Antennas and Propagation, EuCAP 2014, 6902400, c. 2773-2777.</p> <p>3. Discrete mathematical model of wave diffraction on pre-fractal impedance strips. TM mode case // AIP Conference Proceedings, 2013, 1561, c. 219-223.</p> <p>4. Scattering and diffraction of TM modes on a grating consisting of a finite number of pre-fractal thin impedance strips // European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, 06686864, c. 1143-1146.</p> <p>5. The diffraction problem of e polarized wave on the pre-cantor periodic grating with reflector and its discrete mathematical model // 7th European Conference on Antennas and Propagation, EuCAP 2013, 6546448, c. 1072-1078.</p> <p>6. Hypersingular integral equation of wave diffraction problem on pre-Cantor grating and its discrete mathematical models // Proceedings of the International Conference Days on Diffraction, DD 2012, 6402775, c. 183-187.</p>
Математики і інформатики	Кафедра фундаментальної математики	Резуненко Олександр Вячеславович	9	<p>1. Viral infection model with diffusion and state-dependent delay: Stability of classical solution // Discrete and Continuous Dynamical Systems - Series B, 2018, 23(3), c. 1091-1105.</p> <p>2. Stability of a viral infection model with state-dependent delay, CTL and antibody immune responses // Discrete and Continuous Dynamical Systems -</p>	10	<p>1. Viral infection model with diffusion and state-dependent delay: Stability of classical solution // Discrete and Continuous Dynamical Systems - Series B, 2018, 23(3), c. 1091-1105.</p> <p>2. Viral infection model with diffusion and state-dependent delay: Stability of classical solution // Proceedings of Equadiff 2017 Conference.</p>

				<p>Series B, 2017, 22(4), c. 1547-1563.</p> <p>3. Parabolic partial differential equations with discrete state-dependent delay: Classical solutions and solution manifold // Journal of Differential Equations, 2016, 260(5), c. 4454-4472.</p> <p>4. Continuous solutions to a viral infection model with general incidence rate, discrete state-dependent delay, CTL and antibody immune responses // Electronic Journal of Qualitative Theory of Differential Equations, 2016, 79.</p> <p>5. Dynamics of second order in time evolution equations with state-dependent delay // Nonlinear Analysis, Theory, Methods and Applications, 2015, 123-124, c. 126-149.</p> <p>6. Finite-dimensional global attractors for parabolic nonlinear equations with state-dependent delay // Communications on Pure and Applied Analysis, 2015, 14(5), c. 1685-1704.</p> <p>7. On time transformations for differential equations with state-dependent delay // Central European Journal of Mathematics, 2014, 12(2), c. 298-307.</p> <p>8. With discrete state-dependent delays: well-posedness in a metric space // Discrete and Continuous Dynamical Systems- Series A, 2013, 33(2), c. 819-835.</p> <p>9. A condition on delay for differential equations with discrete state-dependent delay // Journal of Mathematical Analysis and Applications, 2012, 385(1), c. 506-516.</p>		<p>3. Stability of a viral infection model with state-dependent delay, CTL and antibody immune responses // Discrete and Continuous Dynamical Systems - Series B, 2017, 22(4), c. 1547-1563.</p> <p>4. Parabolic partial differential equations with discrete state-dependent delay: Classical solutions and solution manifold // Journal of Differential Equations, 2016, 260(5), c. 4454-4472.</p> <p>5. Continuous solutions to a viral infection model with general incidence rate, discrete state-dependent delay, CTL and antibody immune responses // Electronic Journal of Qualitative Theory of Differential Equations, 2016, 79.</p> <p>6. Dynamics of second order in time evolution equations with state-dependent delay // Nonlinear Analysis, Theory, Methods and Applications, 2015, 123-124, c. 126-149.</p> <p>7. Finite-dimensional global attractors for parabolic nonlinear equations with state-dependent delay // Communications on Pure and Applied Analysis, 2015, 14(5), c. 1685-1704.</p> <p>8. On time transformations for differential equations with state-dependent delay // Central European Journal of Mathematics, 2014, 12(2), c. 298-307.</p> <p>9. With discrete state-dependent delays: well-posedness in a metric space // Discrete and Continuous Dynamical Systems- Series A, 2013, 33(2), c. 819-835.</p> <p>10. A condition on delay for differential equations with discrete state-dependent delay // Journal of Mathematical Analysis and Applications, 2012, 385(1), c. 506-516.</p>
Математики і інформатики	Кафедра фундаментальної математики	Фаворов Сергій Юрійович	7	<p>1. Fourier quasicrystals and Lagarias' conjecture // Proceedings of the American Mathematical Society, 2016, 144(8), c. 3527-3536.</p> <p>2. Various definitions of spectrum of almost periodic functions // Ufa Mathematical Journal, 2015, 7(4), c. 58-70.</p> <p>3. Blaschke-type conditions on unbounded domains, generalized convexity, and applications in perturbation theory // Revista Matematica Iberoamericana, 2015, 31(1), c. 1-32.</p> <p>4. On analytic and subharmonic functions in unit disc growing near a part of the boundary // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(3), c. 304-315.</p> <p>5. Discrete unbounded sets in a finite dimensional space and beyond // Electronic Notes in Discrete Mathematics, 2013, 43, c. 389-395.</p> <p>6. Bohr and besicovitch almost periodic discrete sets and quasicrystals // Proceedings of the American Mathematical Society, 2012, 140(5), c. 1761-1767.</p> <p>7. Blaschke-type conditions for analytic and subharmonic functions in the unit disk: Local analogs and inverse problems // Computational Methods and Function Theory, 2012, 12(1), c. 151-166.</p>	6	<p>1. Fourier quasicrystals and Lagarias' conjecture // Proceedings of the American Mathematical Society, 2016, 144(8), c. 3527-3536.</p> <p>2. Various definitions of spectrum of almost periodic functions // Ufa Mathematical Journal, 2015, 7(4), c. 58-70.</p> <p>3. Blaschke-type conditions on unbounded domains, generalized convexity, and applications in perturbation theory // Revista Matematica Iberoamericana, 2015, 31(1), c. 1-32.</p> <p>4. On analytic and subharmonic functions in unit disc growing near a part of the boundary // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(3), c. 304-315.</p> <p>5. Bohr and besicovitch almost periodic discrete sets and quasicrystals // Proceedings of the American Mathematical Society, 2012, 140(5), c. 1761-1767.</p> <p>6. Blaschke-type conditions for analytic and subharmonic functions in the unit disk: Local analogs and inverse problems // Computational Methods and Function Theory, 2012, 12(1), c. 151-166.</p>
Математики і інформатики	Кафедра фундаментальної математики	Вишнякова Ганна Марківна	6	<p>1. Linear finite difference operators preserving the Laguerre-Pólya class // Complex Variables and Elliptic Equations, 2018, 63(11), c. 1604-1619.</p> <p>2. On the entire functions from the Laguerre-Pólya class having the decreasing second quotients of Taylor coefficients // Journal of Mathematical Analysis and Applications, 2018, 465(1), c. 348-358.</p> <p>3. On sufficient conditions for a polynomial to be sign-independently hyperbolic or to have real separated zeros // Mathematical Inequalities and</p>	6	<p>1. Linear finite difference operators preserving the Laguerre-Pólya class // Complex Variables and Elliptic Equations, 2018, 63(11), c. 1604-1619.</p> <p>2. On the entire functions from the Laguerre-Pólya class having the decreasing second quotients of Taylor coefficients // Journal of Mathematical Analysis and Applications, 2018, 465(1), c. 348-358.</p> <p>3. On sufficient conditions for a polynomial to be sign-independently hyperbolic or to have real separated zeros // Mathematical Inequalities and</p>

				<p>Applications, 2017, 20(1), c. 237-245.</p> <p>4. On the conditions for entire functions related to the partial theta function to belong to the Laguerre-Pólya class // Journal of Mathematical Analysis and Applications, 2016, 434(2), c. 1740-1752.</p> <p>5. The cone of nonnegative polynomials with nonnegative coefficients and linear operators preserving this cone // Central European Journal of Mathematics, 2014, 12(5), c. 752-760.</p> <p>6. The generalized Laguerre inequalities and functions in the Laguerre-Pólya class // Central European Journal of Mathematics, 2013, 11(9), c. 1643-1650.</p>		<p>Applications, 2017, 20(1), c. 237-245.</p> <p>4. On the conditions for entire functions related to the partial theta function to belong to the Laguerre-Pólya class // Journal of Mathematical Analysis and Applications, 2016, 434(2), c. 1740-1752.</p> <p>5. The cone of nonnegative polynomials with nonnegative coefficients and linear operators preserving this cone // Central European Journal of Mathematics, 2014, 12(5), c. 752-760.</p> <p>6. The generalized Laguerre inequalities and functions in the Laguerre-Pólya class // Central European Journal of Mathematics, 2013, 11(9), c. 1643-1650.</p>
Математики і інформатики	Кафедра прикладної математики	Ігнатович Світлана Юріївна	6	<p>1. Linearizability of Multi-Control Systems of the Class <math>C^1</math> by Additive Change of Controls // Operator Theory: Advances and Applications, 2018, 267, c. 359-370.</p> <p>2. Verification of feedback linearizability conditions for control systems of the class <math>C^1</math> // 2017 25th Mediterranean Conference on Control and Automation, MED 2017 7984112, c. 163-168.</p> <p>3. Linearizability of systems of the class <math>C^1</math> with multi-dimensional control // Systems and Control Letters, 2016, 94, c. 92-96.</p> <p>4. Time-Optimal Control Problem for a Special Class of Control Systems: Optimal Controls and Approximation in the Sense of Time Optimality // Journal of Optimization Theory and Applications, 2015, 165(1), c. 62-77.</p> <p>5. Free algebras and noncommutative power series in the analysis of nonlinear control systems: An application to approximation problems // Dissertationes Mathematicae, 2014, 504.</p> <p>6. Conditions of linearizability for multi-control systems of the class <math>C^1</math> // Communications in Mathematical Analysis, 2014, 17(2), c. 359-365.</p>		
Математики і інформатики	Кафедра вищої математики і інформатики	Кудінцева Ірина Георгіївна	6	<p>1. Modifications of Middle Atmosphere Conductivity During Sudden Ionospheric Disturbances Deduced From Changes of Schumann Resonance Peak Frequencies // Radio Science, 2018, 53(5), c. 670-682.</p> <p>2. Modifications of mesospheric conductivity in sudden ionosphere disturbances and changes of the schumann resonance frequencies // Telecommunications and Radio Engineering, 2018, 77(8), c. 727-746.</p> <p>3. Schumann resonance background signal synthesized in time // Telecommunications and Radio Engineering, 2017, 76(9), c. 807-825.</p> <p>4. AC and DC global electric circuit and the height profile of atmospheric conductivity // 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538030.</p> <p>5. AC and DC global electric circuit properties and the height profile of atmospheric conductivity // Annals of Geophysics, 2016, 59(5), A0545.</p> <p>6. The effect of a gamma ray flare on Schumann resonances // Annales Geophysicae, 2012, 30(9), c. 1321-1329.</p>		
Математики і інформатики	Кафедра фундаментальної математики	Гордевський В'ячеслав Дмитрович	5	<p>1. The interaction of the Maxwell flows of general form for the Bryan-Pidduck model // Journal of Mathematical Physics, Analysis, Geometry, 2018, 14(1), c. 54-66.</p> <p>2. Infinite-modal approximate solutions of the Bryan-Pidduck equation // Matematychni Studii, 2018, 49(1), c. 95-108.</p> <p>3. Approximate Solutions of the Boltzmann Equation with Infinitely Many</p>		



				Modes // Ukrainian Mathematical Journal, 2017, 69(3), c. 361-375. 4. Interaction of locally Maxwellian flows in the model of rough spheres // Theoretical and Mathematical Physics, 2013, 176(2), c. 1100-1113. 5. Continuum analogue of bimodal distributions // Theoretical and Mathematical Physics, 2012, 171(3), c. 839-847.		
Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Зарецька Ірина Тимофіївна	5	1. Cross-diagram UML design verification // Communications in Computer and Information Science_2013, 347 CCIS, c. 165-176. 2. Clocks model for specification and analysis of timing in real-time embedded systems // CEUR Workshop Proceedings, 2013, 1000, c. 475-489. 3. Two Semantic Models for Clock Relations in the Clock Constraint Specification Language // Communications in Computer and Information Science, 2013, 412 CCIS, c. 190-209. 4. Maintainability metrics of UML design // CEUR Workshop Proceedings, 2012, 848, c. 96-101. 5. Checking inconsistencies in UML design // CEUR Workshop Proceedings, 2012, 848, c. 33-43.		
Математики і інформатики	Кафедра фундаментальної математики	Каролінський Євген Олександрович	5	1. Classification of quantum groups and Belavin-Drinfeld cohomologies for orthogonal and symplectic Lie algebras // Journal of Mathematical Physics, 2016, 57(5),051707. 2. Classification of Quantum Groups and Belavin-Drinfeld Cohomologies // Communications in Mathematical Physics, 2016, 344(1). 3. Quantum Groups: From the Kulish-Reshetikhin Discovery to Classification // Journal of Mathematical Sciences, 2016, 213(5), c. 743-749. 4. Equivariant quantization of Poisson homogeneous spaces and Kostant's problem // Journal of Algebra, 2014, 409, c. 362-381. 5. Quantized reduced fusion elements and Kostant's problem // Springer Proceedings in Mathematics and Statistics, 2014, 85, c. 27-36.		
Математики і інформатики	Кафедра фундаментальної математики	Фастовська Тамара Борисівна	5	1. Long-time behaviour of a radially symmetric fluid-shell interaction system // Discrete and Continuous Dynamical Systems- Series A, 2018, 38(3), c. 1315-1348. 2. On interaction of circular cylindrical shells with a poiseuille type flow // Evolution Equations and Control Theory, 2016, 5(4), c. 605-629. 3. Global attractor for thermoelasticity in shape memory alloys without viscosity // Mathematical Methods in the Applied Sciences, 2016, 39(13), c. 3669-3690. 4. Decay rates for Kirchhoff-timoshenko transmission problems // Communications on Pure and Applied Analysis, 2013, 12(6), c. 2645-2667. 5. On the long-time behavior of the thermoelastic plates with second sound // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(2), c. 191-206.	5	1. Long-time behaviour of a radially symmetric fluid-shell interaction system // Discrete and Continuous Dynamical Systems- Series A, 2018, 38(3), c. 1315-1348. 2. On interaction of circular cylindrical shells with a poiseuille type flow // Evolution Equations and Control Theory, 2016, 5(4), c. 605-629. 3. Global attractor for thermoelasticity in shape memory alloys without viscosity // Mathematical Methods in the Applied Sciences, 2016, 39(13), c. 3669-3690. 4. Decay rates for Kirchhoff-timoshenko transmission problems // Communications on Pure and Applied Analysis, 2013, 12(6), c. 2645-2667. 5. On the long-time behavior of the thermoelastic plates with second sound // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(2), c. 191-206.
Медичний	Загальної практики – сімейної медицини	Ніколенко Євгеній Якович			7	1. Occupational health and working conditions of workers in engineering industry (clinical and epidemiological characteristics)/ News of science and education/ Vol. 5. -2015. – P.12-20. 2. Modern Approaches of the Treatment of Caused by Hypertension Emergency Conditions /American Journal of Science and Technologies/2018.- №1 (28).- P. 487-494. 3. Аналіз визначення показників біліарної системи в практиці сімейного

						<p>лікаря, як пре диктора захворювання/Materials of XI international research and practice conference. – Sheffield/ 2015.Vol.8. —P.31-42.</p> <p>4. Фактори, які детермінують стан здоров'я студентської популяції /Massachusetts Review of Science and Technologies/№ 1 (13), January-June, 2016. – V.VII. – P.891-898.</p> <p>5. Use of atorvastatin in the family doctor's practice/ Family Practice/ Oxford University Press 2017, I 6(2). – V. 34.- P. 1497-1503.</p> <p>6. Evaluation of gallbladder in patients with chronic noncalculous cholecystitis with ultrasonography/ Medicine and Science in Sports and Exercise Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V. 49.- 2843-2849.</p> <p>7. State regulation of investment and public health in the context of human rights/ Medical Education Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V.51. - 1531-1538.</p>
Медич-ний	Загальної практики – сімейної медицини	Вовк Кіра Віталіївна.			6	<p>1. Аналіз визначення показників біліарної системи в практиці сімейного лікаря, як пре диктора захворювання/Materials of XI international research and practice conference. – Sheffield/ 2015.Vol.8. – P.31-42.</p> <p>2. Фактори, які детермінують стан здоров'я студентської популяції /Massachusetts Review of Science and Technologies/№ 1 (13), January-June, 2016. – V.VII. – P.891-898.</p> <p>3. Use of atorvastatin in the family doctor's practice/ Family Practice/ Oxford University Press 2017, I 6(2). – V. 34.- P. 1497-1503.</p> <p>4. Evaluation of gallbladder in patients with chronic noncalculous cholecystitis with ultrasonography/ Medicine and Science in Sports and Exercise Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V. 49.- 2843-2849.</p> <p>5. State regulation of investment and public health in the context of human rights/ Medical Education Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V.51.- 1531-1538.</p> <p>6. Dynamic monitoring of the patients with nonalcoholic fatty liver disease in combination with cardiovascular risk. British Medical Bulletin. – 2017. - V. 124-I(2).- P. 782-792.</p>
Медич-ний	Загальної практики – сімейної медицини	Сокруто Оксана Володимирівна			5	<p>1. State regulation of investment and public health in the context of human rights / Medical Education Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V.51. - 1531-1538.</p> <p>2. Evaluation of gallbladder in patients with chronic noncalculous cholecystitis with ultrasonography/ Medicine and Science in Sports and Exercise Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V. 49.- 2843-2849.</p> <p>3. Use of atorvastatin in the family doctor's practice/ Family Practice/ Oxford University Press 2017, I 6(2). – V. 34.- P. 1497-1503.</p> <p>4. Фактори, які детермінують стан здоров'я студентської популяції /Massachusetts Review of Science and Technologies/№ 1 (13), January-June, 2016. – V.VII. – P.891-898.</p> <p>5. Аналіз визначення показників біліарної системи в практиці сімейного лікаря, як пре диктора захворювання/Materials of XI international research and practice conference. – Sheffield/ 2015.Vol.8. —P.31-42.</p>
Медич-ний	Загальної практики –	Корж Олексій			5	<p>1.Рациональная фармакотерапия больных с ишемической болезнью сердца в сочетании с тревожными расстройствами// Лікарська справа.-2012.-</p>

	сімейної медицини	Миколайович				№ 8. - С.101-107. 2.Effects of the lercanidipine–enalapril combination vs. the corresponding monotherapies on home blood pressure in hypertension: evidence from a large database // Journal of Hypertension (2016) 34 (1): 139-148, doi: 10.1097/HJH.0000000000000767. 3.The prevalence of comorbidities in COPD patients, and their impact on health status and COPD symptoms in primary care patients: a protocol for an UNLOCK study from the IPCRG // npj Primary Care Respiratory Medicine (2016) 26, 16069; doi:10.1038. 4.Significance of education and self-management support for patients with chronic heart failure in family physician practice. Fam Med Prim Care Rev 2016; 18(4): 432–436, doi: 10.5114/fmper.2016.63697. 5.Evolocumab and Clinical Outcomes in Patients with Cardiovascular Disease // N Engl J Med 2017; 376:1713-1722; DOI: 10.1056/NEJMoa1615664.
Медичний	Загальної практики – сімейної медицини	В'язовська Ольга Василівна	6	<ol style="list-style-type: none"> <li>1. Cryoprotective efficiency of media combining oxyethylated methylcellosolve and dimethyl acetamide during freeze-thawing of human erythrocytes, 2013, Problems of Cryobiology and Cryomedicine, 23(4), с. 297-308.</li> <li>2. The relation between cryoprotective and physico-chemical properties of oxyethylated methyl cellosolve-based media, 2013, Cryo-Letters, 34(5), с. 527-534.</li> <li>3. Attentional tradeoffs in the pigeon 2014, Journal of the Experimental Analysis of Behavior, 101(3), с. 337-354.</li> <li>4. Selective attention and pigeons' multiple necessary cues discrimination learning, 2015, Behavioural Processes, 112, с. 61-71.</li> <li>5. Stagewise multidimensional visual discrimination by pigeons. 2016, Journal of the Experimental Analysis of Behavior, 106(1), с. 58-74.</li> <li>6. Pigeons deploy selective attention to efficiently learn a stagewise multidimensional visual discrimination task 2018 Journal of Experimental Psychology: Animal Learning and Cognition, 44(2), с. 162-167.</li> </ol>		
Медичний	Загальної та клінічної імунології та алергології	Попов Миколайович	6	<ol style="list-style-type: none"> <li>1. Formation of neutrophil extracellular traps under the influence of monochromatic light-emitting diode // British Journal of Science, Education and Culture. 2014. №1 (5)р. 314-318.</li> <li>2. Cytokine production peculiarities in different forms of Epstein-Barr virus infection// Georgian Medical News. 2017. P. 55-59.</li> <li>3. Случай врожденного миелобластного лейкоза у ребенка раннего возраста // International Health. 2017. № 6 (2), Vol. 9. С. 1466-1475.</li> <li>4. Hidrotic ectodermal dysphasia – clinical case // Medical Education. 2017. Issue 12 (2), Vol. 51. P. 1538-1542.</li> <li>5. Цитокиновый профиль при хронической Эпштейна-Барр вирусной инфекции // The Journal of Medicine and Philosophy. 2017. № 6(2), Том 42. P. 1375-1382.</li> <li>6. Therapeutic effectiveness of Abiflox in the complex therapy of patients with non-hospital pneumonia// The Journal of Medicine and Philosophy. 2017. № 6(2), Том 42. P. 1383-1391.</li> </ol>	1	Вплив поліморфізму гена інтерлейкіна-28 на перебіг хронічної Епштейна-Барр вірусної інфекції О. Г. Сорокіна, М. М. Попов, Т. І. Лядова // World of medicine and biology: світ медицини та біології. – 2017. – № 3 (61). – С. 68-72.
Медичний	Загальної та клінічної	Лядова Тетяна	5	1.Cytokine production peculiarities in different forms of Epstein-Barr virus infection// Georgian Medical News. 2017. P. 55-59.	1	Вплив поліморфізму гена інтерлейкіна-28 на перебіг хронічної Епштейна-Барр вірусної інфекції О. Г. Сорокіна, М. М. Попов, Т. І. Лядова // World of

	імунології та алергології	Іванівна		<p>2. Research of level specific autoantibodies in different forms of EBV-infection // <i>Family Practice</i>. 2017. № 6(2), Vol. 34. P. 1521-1531.</p> <p>3. Цитокиновий профіль при хронічній Епштейна-Барр вірусній інфекції // <i>The Journal of Medicine and Philosophy</i>. 2017. № 6(2), Т. 42. P. 1375-1382.</p> <p>4. Therapeutic effectiveness of Abiflox in the complex therapy of patients with non-hospital pneumonia // <i>The Journal of Medicine and Philosophy</i>. 2017. № 6(2), Т. 42. P. 1383-1391.</p> <p>5. Polymorphism prevalence of TLR 9 type gene in patients with chronic forms of Epstein-Barr virus-infection // <i>Georgian medical news</i>. №3(276). P. 112-116.</p>		medicine and biology: світ медицини та біології. – 2017. – № 3 (61) . – С. 68-72.
Міжнародних економічних відносин та туристичного бізнесу	Міжнародних економічних відносин	Матюшенко Ігор Володимирович	1	<p>1. Matyushenko, I., Shtal, T., Piddubny, I., Piddubna, L., &amp; Kvitka, Yu. (2018). Development prospects of Ukraine's foreign trade in agricultural products in the context of European integration and Global challenges. <i>Journal of Advanced Research in Law and Economics</i>, Vol. IX, issue 4(34): 1343 – 1361. DOI:10.14505/jarle.v9.4(34).2</p>	5	<p>1. Modern Approaches to Classification of Biotechnology as a Part of NBIC-Technologies for Bioeconomy <i>British Journal of Economics, Management &amp; Trade</i>, ISSN: 2278-098X, Vol.: 14, Issue.: 4 DOI : 10.9734/BJEMT/2016/28151.</p> <p>2. Prospects for Information Economy in Ukraine Using Grid-computations Based on Nbic-technologies. <i>British Journal of Economics, Management &amp; Trade</i>, 12 (3), 1-18. [Electronic resource]. – Access mode : <a href="http://sciencedomain.org/issue/1573">http://sciencedomain.org/issue/1573</a>. (ISI Web of Science; DOI: 10.9734/BJEMT/2016/24151) (2016).</p> <p>3. Benchmarking study of the Global and Ukrainian trends in nanotechnologies' scientific research for the future NBIC-society <i>British Journal of Economics, Management &amp; Trade</i>, 13 (2), 1-24 [Electronic resource]. – Access mode: <a href="http://sciencedomain.org/issue/1758">http://sciencedomain.org/issue/1758</a>. (ISI Web of Science, DOI:10.9734/BJEMT /2016/24812) (2016).</p> <p>4. Results of Foresight-Research of Development Nanotechnology Industry for the Next Economy in Ukraine. <i>British Journal of Economics, Management &amp; Trade</i>, 11 (1), 1-15. [Electronic resource]. – Access mode : <a href="http://sciencedomain.org/issue/1464">http://sciencedomain.org/issue/1464</a>. (ISI Web of Science; DOI: 10.9734/BJEMT/2016/20562) (2016).</p> <p>5. Matyushenko, I., Khaustova, V., &amp; Knjazev, S. (2017). INSTITUTIONAL SUPPORT OF INNOVATIVE R&amp;D IN THE FORMATION OF SINGLE RESEARCH AREA IN THE EU AND UKRAINE. <i>Nauka innov.</i>, 13 (2): 5-26. DOI: 15407/scin13.02.005.</p>
Міжнародних економічних відносин та туристичного бізнесу	Міжнародної електронної комерції та готельно-ресторанної справи	Бабенко Віталіна Олексіївна	7	<p>1. Babenko, V., Nazarenko, O., Nazarenko, I., Mandych, O. (2018). Aspects of program control over technological innovations with consideration of risks. <i>Eastern-European Journal of Enterprise Technologies</i>, Vol. 3/4 (93), pp. 6-14. DOI: 10.15587/1729-4061.2018.133603.</p> <p>2. Babenko, V., Chebanova, N., Ryzhikova, N., Rudenko, S., Birchenko, N. (2018). Research into the process of multi-level management of enterprise production activities with taking risks into consideration. <i>Eastern-European Journal of Enterprise Technologies</i>, Vol. 1, No 3 (91), pp. 4-12. DOI: 10.15587/1729-4061.2018.123461.</p> <p>3. Babenko, V., Romanenkov, Yu., Yakymova, L., Nakisko, A. (2017). Development of the model of minimax adaptive management of innovative processes at an enterprise with consideration of risks. <i>Eastern-European Journal of Enterprise Technologies</i>, Vol. 5, No. 4 (89), pp. 49-56. DOI: <a href="https://doi.org/10.15587/1729-4061.2017.112076">https://doi.org/10.15587/1729-4061.2017.112076</a>.</p> <p>4. Malyarets, L., Draskovic, M., Babenko, V., Kochuyeva, Z., Dorokhov,</p>	2	<p>1. Babenko, V. O. (2017). Modeling of factors influencing innovation activities of agricultural enterprises of Ukraine. <i>Scientific Bulletin of Polissia</i>, No. 1 (9), p. 2, pp. 115-121. DOI: 10.25140/2410-9576-2017-2-2(10).</p> <p>2. Babenko, V. O., Petuhova, V. O., Perepelitsia, A. S. (2017). Forming of informatization strategic prospects for Ukraine in conditions of world economy globalization. <i>Scientific Bulletin of Polissia</i>, Vol. 1, No. 2 (10), pp. 24-34. DOI: 10.25140/2410-9576-2017-1-2(10)-24-34.</p>

				<p>O. (2017). Theory and practice of controlling at enterprises in international business Theory and practice of controlling at enterprises in international business Economic Annals-XXI, Vol. 165, Iss. 5-6, 90-96. DOI: 10.21003/ea.V165-19.</p> <p>5. Babenko, V., Pasmor, M., Pankova, Ju., Sidorov, M. (2017). The place and perspectives of Ukraine in international integration space. Problems and Perspectives in Management, Vol. 15, Issue 1, pp. 80-92. DOI 10.21511/ppm.15(1).2017.08.</p> <p>6. Shorikov, A.F., Babenko, V.A. (2014). Optimization of assured result in dynamical model of management of innovation process in the enterprise of agricultural production complex. Economy of Region, Issue 1, pp. 196-202. DOI: 10.17059/2014-1-18.</p> <p>7. Babenko, V.A. (2013). Formation of economic-mathematical model for process dynamics of innovative technologies management at agroindustrial enterprises. Actual Problems of Economics, Vol. 139, Issue 1, pp. 182-186.</p>		
НДІ астрономії	Кайдаш Вадим Григорович	24	<p>1. Using LROC WAC data for Lunar surface photogrammetry Korokhin, V., Velikodsky, Y., Shkuratov, Y., (...), Mall, U., Videen, G. 2018 Planetary and Space Science 160, c. 120-135 .</p> <p>2. The lunar surface around extremely fresh craters Kaydash, V., Shkuratov, Y., Korokhin, V., Velichko, S., Videen, G. 2018 Icarus 311, c. 258-270.</p> <p>3. Characterizing dark mantle deposits in the lunar crater Alphonsus Shkuratov, Y.G., Ivanov, M.A., Korokhin, V.V., (...), Velikodsky, Y.I., Marchenko, G.P. 2018 Planetary and Space Science 153, c. 22-38.</p> <p>4. A photometric function of planetary surfaces for gourmets Shkuratov, Y., Korokhin, V., Shevchenko, V., (...), Zubko, E., Velikodsky, Y. 2018 Icarus 302, c. 213-236.</p> <p>5. Surface erosion and sedimentation caused by ejecta from the lunar crater Tycho Shkuratov, Y., Basilevsky, A., Kaydash, V., (...), Korokhin, V., Videen, G. 2018 Planetary and Space Science 151, c. 130-140.</p> <p>6. Phase-ratio imaging as applied to desert sands for tracking human presence Yuffa, A.J., Kaydash, V., Korokhin, V., (...), Zubko, E., Videen, G. 2017 Applied Optics 56(3), c. B184-B190.</p> <p>7. Opposition effect of the Moon from LROC WAC data Velikodsky, Y., Korokhin, V.V., Shkuratov, Y., Kaydash, V.G., Videen, G. 2016 Icarus 275, c. 1-15.</p> <p>8. Comparison of lunar red spots including the crater copernicus Shkuratov, Y., Kaydash, V., Rohacheva, L., (...), Velikodsky, Y., Videen, G. 2016 Icarus 272, c. 125-139.</p> <p>9. Characterization of a photometric anomaly in lunar Mare Nubium Korokhin, V., Shkuratov, Y., Kaydash, V., (...), Stankevich, D., Kaluhina, O. 2016 Planetary and Space Science 122, c. 70-87.</p> <p>10. Comet C/2012 S1 (ISON) coma composition at ~4 au from HST observations Zubko, E., Videen, G., Hines, D.C., (...), Li, J.-Y., Kobayashi, H. 2015 Planetary and Space Science 118, c. 138-163.</p> <p>11. Terrestrial planets ( Book Chapter) Kaydash, V., Shkuratov, Y., Wolff, M., Videen, G. 2015 Polarimetry of Stars and Planetary Systems c. 289-302.</p> <p>12. In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 2. Photometric properties of the regolith Jin, W., Zhang, H., Yuan, Y.,</p>	28	<p>1. Using LROC WAC data for Lunar surface photogrammetry By: Korokhin, Viktor; Velikodsky, Yuri; Shkuratov, Yuriy; et al. PLANETARY AND SPACE SCIENCE Volume: 160 Pages: 120-135 Published: OCT 1 2018.</p> <p>2. The lunar surface around extremely fresh craters By: Kaydash, Vadym; Shkuratov, Yuriy; Korokhin, Viktor; et al. ICARUS Volume: 311 Pages: 258-270 Published: SEP 1 2018.</p> <p>3. Characterizing dark mantle deposits in the lunar crater Alphonsus By: Shkuratov, Y. G.; Ivanov, M. A.; Korokhin, V. V.; et al. PLANETARY AND SPACE SCIENCE Volume: 153 Pages: 22-38 Published: APR 2018.</p> <p>4. A photometric function of planetary surfaces for gourmets By: Shkuratov, Yuriy; Korokhin, Viktor; Shevchenko, Vasilij; et al. ICARUS Volume: 302 Pages: 213-236 Published: MAR 1 2018.</p> <p>5. Surface erosion and sedimentation caused by ejecta from the lunar crater Tycho By: Shkuratov, Y.; Basilevsky, A.; Kaydash, V.; et al. PLANETARY AND SPACE SCIENCE Volume: 151 Pages: 130-140 Published: FEB 2018.</p> <p>6. UKRAINIAN MISSION TO THE MOON: HOW TO AND WITH WHAT By: Shkuratov, Y. G.; Konovalenko, A. A.; Zakharenko, V. V.; et al. SPACE SCIENCE AND TECHNOLOGY-KOSMICHNA NAUKA I TEHNOLOGIA Volume: 24 Issue: 1 Pages: 3-30 Published: 2018.</p> <p>7. Phase-ratio imaging as applied to desert sands for tracking human presence By: Yuffa, Alex J.; Kaydash, Vadym; Korokhin, Viktor; et al. APPLIED OPTICS Volume: 56 Issue: 3 Pages: B184-B190 Published: JAN 20 2017.</p> <p>8. Opposition effect of the Moon from LROC WAC data By: Velikodsky, Yu. I.; Korokhin, V. V.; Shkuratov, Yu. G.; et al. ICARUS Volume: 275 Pages: 1-15 Published: SEP 1 2016.</p> <p>9. Comparison of lunar red spots including the crater Copernicus By: Shkuratov, Y.; Kaydash, V.; Rohacheva, L.; et al. ICARUS Volume: 272 Pages: 125-139 Published: JUL 1 2016.</p> <p>10. Characterization of of a photometric anomaly in lunar Mare Nubium By: Korokhin, Viktor; Shkuratov, Yuriy; Kaydash, Vadym; et al. PLANETARY AND SPACE SCIENCE Volume: 122 Pages: 70-87 Published: MAR 2016.</p> <p>11. Absorption of Microwave Radiation in a Thin Conducting Fibers and Protective Screens Creation By: Kokodii, N. G.; Kaydash, M. V.; Timaniuk, V.</p>	

			<p>(...), Xiao, L., Wang, Z. 2015 Geophysical Research Letters 42(20), c. 8312-8319.</p> <p>13. In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 1. Mineral abundances inferred from spectral reflectance Zhang, H., Yang, Y., Yuan, Y., (...), Wang, Z., Xue, B. 2015 Geophysical Research Letters 42(17), c. 6945-6950.</p> <p>14. Dark halos and rays of young lunar craters: A new insight into interpretation Kaydash, V., Shkuratov, Y., Videen, G. 2014 Icarus 231, c. 22-33.</p> <p>15. Hubble space telescope pre-perihelion ACS/WFC imaging polarimetry of comet ison (C/2012 S1) at 3.81 AU.</p> <p>16. Hines, D.C., Videen, G., Zubko, E., (...), Hammer, D., Yanamandra-Fisher, P.A. 2014 Astrophysical Journal Letters.</p> <p>17. 780(2), L32.</p> <p>18. Structural disturbances of the lunar surface near the Lunokhod-1 spacecraft landing site Kaydash, V.G., Shkuratov, Y.G. 2014 Solar System Research 48(3), c. 167-175.</p> <p>19. Retrieving lunar topography from multispectral LROC images Korokhin, V.V., Velikodsky, Y.I., Shalygin, E.V., (...), Kaydash, V.G., Videen, G. 2014 Planetary and Space Science 92, c. 65-76.</p> <p>20. Lunar opposition effect as inferred from Chandrayaan-1 M3 data Kaydash, V., Pieters, C., Shkuratov, Y., Korokhin, V. 2013 Journal of Geophysical Research E: Planets 118(6), c. 1221-1232.</p> <p>21. Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" Shkuratov, Y., Kaydash, V., Korokhin, V., (...), Stankevich, D., Videen, G. 2013 Journal of Quantitative Spectroscopy and Radiative Transfer 116, c. 191-195.</p> <p>22. Landing of the probes Luna 23 and Luna 24 remains an enigma Kaydash, V., Shkuratov, Y., Videen, G. 2013 Planetary and Space Science 89, c. 172-182.</p> <p>23. Lunar surface traces of engine jets of Soviet sample return probes: The enigma of the Luna-23 and Luna-24 landing sites Shkuratov, Y., Kaydash, V., Sysolyatina, X., Razim, A., Videen, G. 2013 Planetary and Space Science 75(1), c. 28-36.</p> <p>24. Phase-ratio imagery as a planetary remote-sensing tool Kaydash, V., Shkuratov, Y., Videen, G. 2012 Journal of Quantitative Spectroscopy and Radiative Transfer 113(18), c. 2601-2607.</p> <p>25. A critical assessment of the Hapke photometric model Shkuratov, Y., Kaydash, V., Korokhin, V., (...), Stankevich, D., Videen, G. 2012 Journal of Quantitative Spectroscopy and Radiative Transfer 113(18), c. 2431-2456.</p> <p>26. Structural disturbances of the lunar surface caused by spacecraft Kaydash, V.G., Shkuratov, Y.G. 2012 Solar System Research 46(2), c. 108-118.</p> <p>27. The lunar crater Giordano Bruno as seen with optical roughness imagery Shkuratov, Y., Kaydash, V., Videen, G. 2012 Icarus 218(1), c. 525-533.</p>	<p>A.; et al. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) Published: 2016.</p> <p>12. InBN and GaBN Graded Gap Gunn Diodes at Different BN Distribution By: Storozhenko, I. P.; Kaydash, M. V.; Yaroshenko, A. N.; et al. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) Published: 2016.</p> <p>13. Comet C/2012 S1 (ISON) coma composition at similar to 4 au from HST observations By: Zubko, Evgenij; Videen, Gorden; Hines, Dean C.; et al. PLANETARY AND SPACE SCIENCE Volume: 118 Special Issue: SI Pages: 138-163 Published: DEC 1 2015.</p> <p>14. In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 2. Photometric properties of the regolith By: Jin, Weidong; Zhang, Hao; Yuan, Ye; et al. GEOPHYSICAL RESEARCH LETTERS Volume: 42 Issue: 20 Pages: 8312-8319 Published: OCT 28 2015.</p> <p>15. In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 1. Mineral abundances inferred from spectral reflectance By: Zhang, Hao; Yang, Yazhou; Yuan, Ye; et al. GEOPHYSICAL RESEARCH LETTERS Volume: 42 Issue: 17 Pages: 6945-6950 Published: SEP 16 2015.</p> <p>16. HIGH RESOLUTION SPACE PHOTOMETRY AS A METHOD TO REVEAL STRUCTURE ANOMALIES OF THE LUNAR SURFACE By: Kaydash, V. G.; Shkuratov, Yu. G.; Korokhin, V. V. SPACE SCIENCE AND TECHNOLOGY-KOSMICHNA NAUKA I TEHNOLOGIA Volume: 21 Issue: 5 Pages: 75-89 Published: 2015.</p> <p>17. Structural disturbances of the lunar surface near the Lunokhod-1 spacecraft landing site By: Kaydash, V. G.; Shkuratov, Yu. G. SOLAR SYSTEM RESEARCH Volume: 48 Issue: 3 Pages: 167-175 Published: MAY 2014.</p> <p>18. Retrieving lunar topography from multispectral LROC images By: Korokhin, Viktor V.; Velikodsky, Yuri I.; Shalygin, Eugene V.; et al. PLANETARY AND SPACE SCIENCE Volume: 92 Pages: 65-76 Published: MAR 2014.</p> <p>19. Dark halos and rays of young lunar craters: A new insight into interpretation By: Kaydash, Vadym; Shkuratov, Yuriy; Videen, Gorden ICARUS Volume: 231 Pages: 22-33 Published: MAR 1 2014.</p> <p>20. Landing of the probes Luna 23 and Luna 24 remains an enigma By: Kaydash, Vadym; Shkuratov, Yuriy; Videen, Gorden PLANETARY AND SPACE SCIENCE Volume: 89 Pages: 172-182 Published: DEC 2013.</p> <p>21. An optical method for measuring nanoparticle size By: Kokodii, N. G.; Kaydash, M. V.; Timaniuk, V. A. OPTICS AND SPECTROSCOPY Volume: 115 Issue: 5 Pages: 675-678 Published: NOV 2013.</p> <p>22. Lunar opposition effect as inferred from Chandrayaan-1 M-3 data By: Kaydash, Vadym; Pieters, Carle; Shkuratov, Yuriy; et al. JOURNAL OF GEOPHYSICAL RESEARCH-PLANETS Volume: 118 Issue: 6 Pages: 1221-1232 Published: JUN 2013.</p> <p>23. Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" By: Shkuratov, Y.; Kaydash, V.; Korokhin, V.; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 116 Pages: 191-195 Published: FEB 2013.</p>
--	--	--	---	--

					<p>24. Lunar surface traces of engine jets of Soviet sample return probes: The enigma of the Luna-23 and Luna-24 landing sites By: Shkuratov, Yuriy; Kaydash, Vadym; Sysolyatina, Xenija; et al. PLANETARY AND SPACE SCIENCE Volume: 75 Pages: 28-36 Published: JAN 2013.</p> <p>25. A critical assessment of the Hapke photometric model By: Shkuratov, Y.; Kaydash, V.; Korokhin, V.; et al. Conference: 13th Conference on Electromagnetic and Light Scattering (ELS) Location: Taormina, ITALY Date: SEP 26-30, 2011 JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 113 Issue: 18 Special Issue: SI P. 161-186 Published: DEC 2012.</p> <p>26. Phase-ratio imagery as a planetary remote-sensing tool By: Kaydash, Vadym; Shkuratov, Yuriy; Videen, Gorden Conference: 13th Conference on Electromagnetic and Light Scattering (ELS) Location: Taormina, ITALY Date: SEP 26-30, 2011 JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 113 Issue: 18 Special Issue: SI Pages: 331-337 Published: DEC 2012.</p> <p>27. Structural disturbances of the lunar surface caused by spacecraft By: Kaydash, V. G.; Shkuratov, Yu. G. SOLAR SYSTEM RESEARCH Volume: 46 Issue: 2 Pages: 108-118 Published: APR 2012.</p> <p>28. The lunar crater Giordano Bruno as seen with optical roughness imagery By: Shkuratov, Yuriy; Kaydash, Vadim; Videen, Gorden ICARUS Volume: 218 Issue: 1 Pages: 525-533 Published: MAR 2012.</p>
НДІ астрономії	Ахметов Володимир Сабірджанович	8	<p>1. Machine-learning identification of extragalactic objects in the optical-infrared all-sky surveys Khramtsov, V., Akhmetov, V. 2018 IEEE 13th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2018 – Proceedings 1,8526686, c. 72-75.</p> <p>2. Fast coordinate cross-match tool for large astronomical catalogue Akhmetov, V., Khlamov, S., Dmytrenko, A. 2018 IEEE 13th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2018 – Proceedings 1,8526759, c. 266-269.</p> <p>3. Testing stellar proper motions of TGAS stars using data from the HSOY, UCAC5 and PMA catalogues Fedorov, P.N., Akhmetov, V.S., Velichko, A.B. 2018 Monthly Notices of the Royal Astronomical Society 476(2), c. 2743-2750.</p> <p>4. The PMA Catalogue as a realization of the extragalactic reference system in optical and near infrared wavelengths Akhmetov, V.S., Fedorov, P.N., Velichko, A.B. 2018 Proceedings of the International Astronomical Union 12(S330), c. 81-82.</p> <p>5. Kinematics of our Galaxy from the PMA and TGAS catalogues Velichko, A.B., Akhmetov, V.S., Fedorov, P.N. 2018 Proceedings of the International Astronomical Union 12(S330), c. 100-103.</p> <p>6. The PMA Catalogue: 420 million positions and absolute proper motions Akhmetov, V.S., Fedorov, P.N., Velichko, A.B., Shulga, V.M. 2017 Monthly Notices of the Royal Astronomical Society 469(1), c. 763-773.</p> <p>7. The reference frame for the XPM2 Fedorov, P.N., Akhmetov, V.S., Shulga, V.M. 2014 Monthly Notices of the Royal Astronomical Society 440(1), c. 624-630.</p> <p>8. Astroinformation resource of the Ukrainian virtual observatory: Joint</p>	<p>1. Astroinformation resource of the Ukrainian virtual observatory: Joint observational data archive, scientific tasks, and software By: Vavilova, I. B.; Pakulyak, L. K.; Shlyapnikov, A. A.; et al. KINEMATICS AND PHYSICS OF CELESTIAL BODIES Volume: 28 Issue: 2 Pages: 85-102 Published: APR 2012.</p> <p>2. The PMA Catalogue: 420 million positions and absolute proper motions By: Akhmetov, V. S.; Fedorov, P. N.; Velichko, A. B.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Vol. 469 Issue: 1 P. 763-773 Published: JUL 2017.</p> <p>3. Testing stellar proper motions of TGAS stars using data from the HSOY, UCAC5 and PMA catalogues By: Fedorov, P. N.; Akhmetov, V. S.; Velichko, A. B. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 476 Issue: 2 Pages: 2743-2750 Published: MAY 2018.</p> <p>4. The reference frame for the XPM2 By: Fedorov, P. N.; Akhmetov, V. S.; Shulga, V. M. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 440 Issue: 1 Pages: 624-630 Published: MAY 2014.</p> <p>5. The PMA Catalogue as a realization of the extragalactic reference system in optical and near infrared wavelengths By: Akhmetov, Volodymyr S.; Fedorov, Peter N.; Velichko, Anna B. INSU CNRS ASTROMETRY AND ASTROPHYSICS IN THE GAIA SKY Book Series: IAU Symposium Proceedings Series Volume: 12 Issue: S330 Pages: 81-82 Published: 2018.</p> <p>6. Machine-learning identification of extragalactic objects in the optical-infrared all-sky surveys By: Khramtsov, Vladislav; Akhmetov, Vladimir 2018 IEEE 13TH INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE ON COMPUTER SCIENCES AND INFORMATION TECHNOLOGIES (CSIT), VOL 1 Pages: 72-75 Published: 2018.</p>	

				<p>observational data archive, scientific tasks, and software Vavilova, I.B., Pakulyak, L.K., Shlyapnikov, A.A., (...), Kudashkina, L.S., Epishev, V.P. 2012 Kinematics and Physics of Celestial Bodies 28(2), c. 85-102.</p>		<p>7. Fast coordinate cross-match tool for large astronomical catalogue By: Akhmetov, Volodymyr; Khlamov, Sergii; Dmytrenko, Artem 2018 IEEE 13TH INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE ON COMPUTER SCIENCES AND INFORMATION TECHNOLOGIES (CSIT), VOL 1 Pages: 266-269 Published: 2018.</p> <p>8. Kinematics of our Galaxy from the PMA and TGAS catalogues By: Velichko, Anna B.; Akhmetov, Volodymyr S.; Fedorov, Peter N. ASTROMETRY AND ASTROPHYSICS IN THE GAIA SKY Book Series: IAU Symposium Proceedings Series Volume: 12 Issue: S330 Pages: 100-103 Published: 2018.</p> <p>9. THE KINEMATICS OF THE GALAXY BY PROPER MOTIONS OF STARS By: Fedorov, P. N.; Akhmetov, V. S.; Velichko, A. B.; et al. SPACE SCIENCE AND TECHNOLOGY-KOSMICNA NAUKA I TEHNOLOGIA Volume: 21 Issue: 6 Pages: 62-67 Published: 2015.</p>
НДІ астро-номії	Шкуратов Юрій Григорович	52	<p>1. Multi-band Polarimetry of the Lunar Surface. II. Grain Size Evolutionary Pathway Jeong, M., Choi, Y.-J., Kim, S.S., (...), Shkuratov, Y.G., Yang, H. 2018 Astrophysical Journal 869(1),67.</p> <p>2. Using LROC WAC data for Lunar surface photoclinometry Korokhin, V., Velikodsky, Y., Shkuratov, Y., (...), Mall, U., Videen, G. 2018 Planetary and Space Science 160, c. 120-135.</p> <p>3. The lunar surface around extremely fresh craters Kaydash, V., Shkuratov, Y., Korokhin, V., Velichko, S., Videen, G. 2018 Icarus 311, c. 258-270.</p> <p>4. Interpolating light-scattering properties of irregularly shaped, absorbing particles Zubko, E., Videen, G., Arnold, J.A., (...), Weinberger, A.J., Shkuratov, Y. 2018 Optics Letters 43(17), c. 4308-4311.</p> <p>5. Intensity surge and negative polarization of light from compact irregular particles Grynko, Y., Shkuratov, Y., Förstner, J. 2018 Optics Letters 43(15), c. 3562-3565.</p> <p>6. Solar bursts as can be observed from the lunar farside with a single antenna at very low frequencies Stanislavsky, A.A., Konovalenko, A.A., Yerin, S.N., (...), Rucker, H.O., Zarka, P. 2018 Astronomische Nachrichten 339(7-8), c. 559-570.</p> <p>7. The Umov effect in application to an optically thin two-component cloud of cosmic dust Zubko, E., Videen, G., Zubko, N., Shkuratov, Y. 2018 Monthly Notices of the Royal Astronomical Society 477(4), c. 4866-4873.</p> <p>8. On the interpolation of light-scattering responses from irregularly shaped particles Videen, G., Zubko, E., Arnold, J.A., (...), Shkuratov, Y., Muñoz, O. 2018 Journal of Quantitative Spectroscopy and Radiative Transfer 211, c. 123-128.</p> <p>9. Characterizing dark mantle deposits in the lunar crater Alphonsus Shkuratov, Y.G., Ivanov, M.A., Korokhin, V.V., (...), Velikodsky, Y.I., Marchenko, G.P. 2018 Planetary and Space Science 153, c. 22-38.</p> <p>10. A photometric function of planetary surfaces for gourmets Shkuratov, Y., Korokhin, V., Shevchenko, V., (...), Zubko, E., Velikodsky, Y. 2018 Icarus 302, c. 213-236.</p> <p>11. Laboratory simulations of planetary surfaces: Understanding regolith physical properties from remote photopolarimetric observations Nelson, R.M., Boryta, M.D., Hapke, B.W., (...), Vides, C.L., Quiñones, J. 2018 Icarus 302, c. 483-498.</p>	46	<p>1. Multi-band Polarimetry of the Lunar Surface. II. Grain Size Evolutionary Pathway By: Jeong, Minsup; Choi, Young-Jun; Kim, Sungsoo S.; et al. ASTROPHYSICAL JOURNAL Volume: 869 Issue: 1 Article Number: 67 Published: DEC 10 2018.</p> <p>2. Using LROC WAC data for Lunar surface photoclinometry By: Korokhin, Viktor; Velikodsky, Yuri; Shkuratov, Yuriy; et al. PLANETARY AND SPACE SCIENCE Volume: 160 Pages: 120-135 Published: OCT 1 2018.</p> <p>3. Interpolating light-scattering properties of irregularly shaped, absorbing particles By: Zubko, Evgenij; Videen, Gorden; Arnold, Jessica A.; et al. OPTICS LETTERS Volume: 43 Issue: 17 Pages: 4308-4311 Published: SEP 1 2018.</p> <p>4. The lunar surface around extremely fresh craters By: Kaydash, Vadym; Shkuratov, Yuriy; Korokhin, Viktor; et al. ICARUS Volume: 311 Pages: 258-270 Published: SEP 1 2018.</p> <p>5. Solar bursts as can be observed from the lunar farside with a single antenna at very low frequencies By: Stanislavsky, A. A.; Konovalenko, A. A.; Yerin, S. N.; et al. ASTRONOMISCHE NACHRICHTEN Volume: 339 Issue: 7-8 Pages: 559-570 Published: AUG-OCT 2018.</p> <p>6. Intensity surge and negative polarization of light from compact irregular particles By: Grynko, Yevgen; Shkuratov, Yuriy; Foerstner, Jens OPTICS LETTERS Volume: 43 Issue: 15 Pages: 3562-3565 Published: AUG 1 2018.</p> <p>7. The Umov effect in application to an optically thin two-component cloud of cosmic dust By: Zubko, Evgenij; Videen, Gorden; Zubko, Nataliya; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 477 Issue: 4 Pages: 4866-4873 Published: JUL 2018.</p> <p>8. On the interpolation of light-scattering responses from irregularly shaped particles By: Videen, Gorden; Zubko, Evgenij; Arnold, Jessica A.; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 211 Pages: 123-128 Published: MAY 2018.</p> <p>9. Characterizing dark mantle deposits in the lunar crater Alphonsus By: Shkuratov, Y. G.; Ivanov, M. A.; Korokhin, V. V.; et al. PLANETARY AND SPACE SCIENCE Volume: 153 Pages: 22-38 Published: APR 2018.</p> <p>10. A photometric function of planetary surfaces for gourmets By: Shkuratov, Yuriy; Korokhin, Viktor; Shevchenko, Vasilij; et al. ICARUS Volume: 302 Pages: 213-236 Published: MAR 1 2018.</p>	



			<p>12. Surface erosion and sedimentation caused by ejecta from the lunar crater Tycho Shkuratov, Y., Basilevsky, A., Kaydash, V., (...), Korokhin, V., Videen, G. 2018 Planetary and Space Science 151, c. 130-140.</p> <p>13. Interpreting lunar polarimetric anomalies at large phase angles Shkuratov, Y., Zubko, E., Videen, G. 2017 Icarus 296, c. 117-122.</p> <p>14. On the reflectance of dust in comets Zubko, E., Videen, G., Shkuratov, Y., Hines, D.C. 2017 Journal of Quantitative Spectroscopy and Radiative Transfer 202, c. 104-113.</p> <p>15. Umov effect in single-scattering dust particles: Effect of irregular shape Zubko, E., Weinberger, A.J., Zubko, N., Shkuratov, Y., Videen, G. 2017 Optics Letters 42(10), c. 1962-1965.</p> <p>16. Reflectance of micron-sized dust particles retrieved with the Umov law Zubko, E., Videen, G., Zubko, N., Shkuratov, Y. 2017 Journal of Quantitative Spectroscopy and Radiative Transfer 190, c. 1-6.</p> <p>17. Phase-ratio imaging as applied to desert sands for tracking human presence.</p> <p>18. Yuffa, A.J., Kaydash, V., Korokhin, V., (...), Zubko, E., Videen, G. 2017 Applied Optics 56(3), c. B184-B190.</p> <p>19. On spectral dependence of polarization of asteroids Lupishko, D.F., Shkuratov, Y.G. 2016 Solar System Research 50(5), c. 329-336.</p> <p>20. Opposition effect of the Moon from LROC WAC data Velikodsky, Y., Korokhin, V.V., Shkuratov, Y., Kaydash, V.G., Videen, G. 2016 Icarus 275, c. 1-15.</p> <p>21. Light scattering by irregular particles much larger than the wavelength with wavelength-scale surface roughness Grynko, Y., Shkuratov, Y., Förstner, J. 2016 Optics Letters 41(15), c. 3491-3494.</p> <p>22. Comparison of lunar red spots including the crater copernicus Shkuratov, Y., Kaydash, V., Rohacheva, L., (...), Velikodsky, Y., Videen, G. 2016 Icarus 272, c. 125-139.</p> <p>23. The positive-polarization of cometary comae Zubko, E., Videen, G., Hines, D.C., Shkuratov, Y. 2016 Planetary and Space Science 123, c. 63-76.</p> <p>24. Characterization of a photometric anomaly in lunar Mare Nubium Korokhin, V., Shkuratov, Y., Kaydash, V., (...), Stankevich, D., Kaluhina, O. 2016 Planetary and Space Science 122, c. 70-87.</p> <p>25. Comet C/2012 S1 (ISON) coma composition at ~4 au from HST observations Zubko, E., Videen, G., Hines, D.C., (...), Li, J.-Y., Kobayashi, H. 2015 Planetary and Space Science 118, c. 138-163.</p> <p>26. Retrieval of dust-particle refractive index using the phenomenon of negative polarization Zubko, E., Videen, G., Shkuratov, Y. 2015 Journal of Quantitative Spectroscopy and Radiative Transfer 151, c. 38-42.</p> <p>27. Effect of morphology on light scattering by agglomerates Zubko, E., Shkuratov, Y., Videen, G. 2015 Journal of Quantitative Spectroscopy and Radiative Transfer 150, c. 42-54.</p> <p>28. Terrestrial planets ( Book Chapter) Kaydash, V., Shkuratov, Y., Wolff, M., Videen, G. 2015 Polarimetry of Stars and Planetary Systems c. 289-302.</p> <p>29. The moon ( Book Chapter) Shkuratov, Y., Opanasenko, N., Korokhin, V., Videen, G. 2015 Polarimetry of Stars and Planetary Systems c. 303-319.</p> <p>30. Laboratory studies ( Book Chapter) L'Amour, A.-C.,</p>	<p>11. Surface erosion and sedimentation caused by ejecta from the lunar crater Tycho By: Shkuratov, Y.; Basilevsky, A.; Kaydash, V.; et al. PLANETARY AND SPACE SCIENCE Volume: 151 Pages: 130-140 Published: FEB 2018.</p> <p>12. UKRAINIAN MISSION TO THE MOON: HOW TO AND WITH WHAT By: Shkuratov, Y. G.; Konovalenko, A. A.; Zakharenko, V. V.; et al. SPACE SCIENCE AND TECHNOLOGY-KOSMICNA NAUKA I TEHNOLOGIA Volume: 24 Issue: 1 Pages: 3-30 Published: 2018.</p> <p>13. On the reflectance of dust in comets By: Zubko, Evgenij; Videen, Gorden; Shkuratov, Yuriy; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 202 Pages: 104-113 Published: NOV 2017.</p> <p>14. Interpreting lunar polarimetric anomalies at large phase angles By: Shkuratov, Yuriy; Zubko, Evgenij; Videen, Gorden ICARUS Volume: 296 Pages: 117-122 Published: NOV 1 2017.</p> <p>15. Umov effect in single-scattering dust particles: effect of irregular shape By: Zubko, Evgenij; Weinberger, Alycia J.; Zubko, Nataliya; et al. OPTICS LETTERS Volume: 42 Issue: 10 Pages: 1962-1965 Published: MAY 15 2017.</p> <p>16 Reflectance of micron-sized dust particles retrieved with the Umov law By: Zubko, Evgenij; Videen, Gorden; Zubko, Nataliya; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 190 Pages: 1-6 Published: MAR 2017.</p> <p>17. Phase-ratio imaging as applied to desert sands for tracking human presence By: Yuffa, Alex J.; Kaydash, Vadym; Korokhin, Viktor; et al. APPLIED OPTICS Volume: 56 Issue: 3 Pages: B184-B190 Published: JAN 20 2017.</p> <p>18. On spectral dependence of polarization of asteroids By: Lupishko, D. F.; Shkuratov, Yu. G. SOLAR SYSTEM RESEARCH Volume: 50 Issue: 5 Pages: 329-336 Published: SEP 2016.</p> <p>19. Opposition effect of the Moon from LROC WAC data By: Velikodsky, Yu. I.; Korokhin, V. V.; Shkuratov, Yu. G.; et al. ICARUS Volume: 275 Pages: 1-15 Published: SEP 1 2016.</p> <p>20. Light scattering by irregular particles much larger than the wavelength with wavelength-scale surface roughness By: Grynko, Yevgen; Shkuratov, Yuriy; Foerstner, Jens OPTICS LETTERS Volume: 41 Issue: 15 Pages: 3491-3494 Published: AUG 1 2016.</p> <p>21. Comparison of lunar red spots including the crater Copernicus By: Shkuratov, Y.; Kaydash, V.; Rohacheva, L.; et al. ICARUS Volume: 272 Pages: 125-139 Published: JUL 1 2016.</p> <p>22. The positive-polarization of cometary comae By: Zubko, Evgenij; Videen, Gorden; Hines, Dean C.; et al. PLANETARY AND SPACE SCIENCE Volume: 123 Special Issue: SI Pages: 63-76 Published: APR 2016.</p> <p>23. Characterization of of a photometric anomaly in lunar Mare Nubium By: Korokhin, Viktor; Shkuratov, Yuriy; Kaydash, Vadym; et al. PLANETARY AND SPACE SCIENCE Volume: 122 Pages: 70-87 Published: MAR 2016.</p> <p>24. Comet C/2012 S1 (ISON) coma composition at similar to 4 au from HST observations By: Zubko, Evgenij; Videen, Gorden; Hines, Dean C.; et al. PLANETARY AND SPACE SCIENCE Volume: 118 Special Issue: SI Pages: 138-163 Published: DEC 1 2015.</p>
--	--	--	---	--

			<p>Renard, J.-B., Shkuratov, Y., Hadamcik, E. 2015 Polarimetry of Stars and Planetary Systems c. 62-80.</p> <p>31. Asteroid polarimetry ( Book Chapter) Belskaya, I., Cellino, A., Gil-Hutton, R., Muinonen, K., Shkuratov, Y. 2015 Asteroids IV c. 151-163.</p> <p>32. Mixing rules and morphology dependence of the scatterer Videen, G., Zubko, E., Sun, W., Shkuratov, Y., Yuffa, A. 2015 Journal of Quantitative Spectroscopy and Radiative Transfer 150, c. 68-75.</p> <p>33. In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 2. Photometric properties of the regolith Jin, W., Zhang, H., Yuan, Y., (...), Xiao, L., Wang, Z. 2015 Geophysical Research Letters 42(20), c. 8312-8319.</p> <p>34. In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 1. Mineral abundances inferred from spectral reflectance Zhang, H., Yang, Y., Yuan, Y., (...), Wang, Z., Xue, B. 2015 Geophysical Research Letters 42(17), c. 6945-6950.</p> <p>35. Dark halos and rays of young lunar craters: A new insight into interpretation Kaydash, V., Shkuratov, Y., Videen, G. 2014 Icarus 231, c. 22-33.</p> <p>36. Hubble space telescope pre-perihelion ACS/WFC imaging polarimetry of comet 103P/Hartley 2 at 3.81 AU Hines, D.C., Videen, G., Zubko, E., (...), Hammer, D., Yanamandra-Fisher, P.A. 2014 Astrophysical Journal Letters 780(2), L32.</p> <p>37. Structural disturbances of the lunar surface near the Lunokhod-1 spacecraft landing site Kaydash, V.G., Shkuratov, Y.G. 2014 Solar System Research 48(3), c. 167-175.</p> <p>38. Retrieving lunar topography from multispectral LROC images Korokhin, V.V., Velikodsky, Y.I., Shalygin, E.V., (...), Kaydash, V.G., Videen, G. 2014 Planetary and Space Science 92, c. 65-76.</p> <p>39. Light scattering by randomly irregular dielectric particles larger than the wavelength Grynko, Y., Shkuratov, Y., Förstner, J. 2013 Optics Letters 38(23), c. 5153-5156.</p> <p>40. Light scattering by feldspar particles: Comparison of model agglomerate debris particles with laboratory samples Zubko, E., Muinonen, K., Muñoz, O., (...), Sun, W., Videen, G. 2013 Journal of Quantitative Spectroscopy and Radiative Transfer 131, c. 175-187.</p> <p>41. Lunar opposition effect as inferred from Chandrayaan-1 M3 data Kaydash, V., Pieters, C., Shkuratov, Y., Korokhin, V. 2013 Journal of Geophysical Research E: Planets 118(6), c. 1221-1232.</p> <p>42. Characteristics of cometary dust in the innermost coma derived from polarimetry by Giotto Zubko, E., Muinonen, K., Shkuratov, Y., Videen, G. 2013 Monthly Notices of the Royal Astronomical Society 430(2), c. 1118-1124.</p> <p>43. Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" Shkuratov, Y., Kaydash, V., Korokhin, V., (...), Stankevich, D., Videen, G. 2013 Journal of Quantitative Spectroscopy and Radiative Transfer 116, c. 191-195.</p> <p>44. Landing of the probes Luna 23 and Luna 24 remains an enigma Kaydash, V., Shkuratov, Y., Videen, G. 2013 Planetary and Space Science 89, c. 172-182.</p> <p>45. Lunar surface traces of engine jets of Soviet sample return probes: The enigma of the Luna-23 and Luna-24 landing sites Shkuratov, Y., Kaydash, V.,</p>	<p>25. In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 2. Photometric properties of the regolith By: Jin, Weidong; Zhang, Hao; Yuan, Ye; et al. GEOPHYSICAL RESEARCH LETTERS Volume: 42 Issue: 20 Pages: 8312-8319 Published: OCT 28 2015.</p> <p>26. In situ optical measurements of Chang'E-3 landing site in Mare Imbrium: 1. Mineral abundances inferred from spectral reflectance By: Zhang, Hao; Yang, Yazhou; Yuan, Ye; et al. GEOPHYSICAL RESEARCH LETTERS Volume: 42 Issue: 17 Pages: 6945-6950 Published: SEP 16 2015.</p> <p>27. Retrieval of dust-particle refractive index using the phenomenon of negative polarization By: Zubko, Evgenij; Videen, Gorden; Shkuratov, Yuriy JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 151 Pages: 38-42 Published: JAN 2015.</p> <p>28. HIGH RESOLUTION SPACE PHOTOMETRY AS A METHOD TO REVEAL STRUCTURE ANOMALIES OF THE LUNAR SURFACE By: Kaydash, V. G.; Shkuratov, Yu. G.; Korokhin, V. V. SPACE SCIENCE AND TECHNOLOGY-KOSMICHNA NAUKA I TEHNOLOGIA Volume: 21 Issue: 5 Pages: 75-89 Published: 2015.</p> <p>29. Effect of morphology on light scattering by agglomerates By: Zubko, Evgenij; Shkuratov, Yuriy; Videen, Gorden JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 150 Special Issue: SI Pages: 42-54 Published: JAN 2015.</p> <p>30. Mixing rules and morphology dependence of the scatterer By: Videen, Gorden; Zubko, Evgenij; Sun, Wenbo; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 150 Special Issue: SI Pages: 68-75 Published: JAN 2015.</p> <p>31. Structural disturbances of the lunar surface near the Lunokhod-1 spacecraft landing site By: Kaydash, V. G.; Shkuratov, Yu. G. SOLAR SYSTEM RESEARCH Volume: 48 Issue: 3 Pages: 167-175 Published: MAY 2014.</p> <p>32. Retrieving lunar topography from multispectral LROC images By: Korokhin, Viktor V.; Velikodsky, Yuri I.; Shalygin, Eugene V.; et al. PLANETARY AND SPACE SCIENCE Volume: 92 Pages: 65-76 Published: MAR 2014.</p> <p>33. Dark halos and rays of young lunar craters: A new insight into interpretation By: Kaydash, Vadym; Shkuratov, Yuriy; Videen, Gorden ICARUS Volume: 231 Pages: 22-33 Published: MAR 1 2014.</p> <p>34. Landing of the probes Luna 23 and Luna 24 remains an enigma By: Kaydash, Vadym; Shkuratov, Yuriy; Videen, Gorden PLANETARY AND SPACE SCIENCE Volume: 89 Pages: 172-182 Published: DEC 2013.</p> <p>35. Light scattering by randomly irregular dielectric particles larger than the wavelength By: Grynko, Yevgen; Shkuratov, Yuriy; Foerstner, Jens. OPTICS LETTERS Volume: 38 Issue: 23 Pages: 5153-5156 Published: DEC 1 2013.</p> <p>36. Light scattering by feldspar particles: Comparison of model agglomerate debris particles with laboratory samples By: Zubko, Evgenij; Muinonen, Karri; Munoz, Olga; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 131 Special Issue: SI Pages: 175-187 Published: DEC 2013.</p> <p>37. Lunar opposition effect as inferred from Chandrayaan-1 M-3 data By:</p>
--	--	--	---	---

			<p>Sysolyatina, X., Razim, A., Videen, G. 2013 Planetary and Space Science 75(1), c. 28-36.</p> <p>46. Light scattering by arbitrary shaped particles with rough surfaces: Sh-matrices approach Petrov, D., Shkuratov, Y., Videen, G. 2012 Journal of Quantitative Spectroscopy and Radiative Transfer 113(18), c. 2406-2418.</p> <p>47. Phase-ratio imagery as a planetary remote-sensing tool Kaydash, V., Shkuratov, Y., Videen, G. 2012 Journal of Quantitative Spectroscopy and Radiative Transfer 113(18), c. 2601-2607.</p> <p>48. A critical assessment of the Hapke photometric model Shkuratov, Y., Kaydash, V., Korokhin, V., (...), Stankevich, D., Videen, G. 2012 Journal of Quantitative Spectroscopy and Radiative Transfer 113(18), c. 2431-2456.</p> <p>49. Polarimetry of trans-neptunian objects (136472) Makemake and (90482) Orcus Belskaya, I.N., Bagnulo, S., Stinson, A., (...), Barucci, M.A., Fornasier, S. 2012 Astronomy and Astrophysics 547,A101.</p> <p>50. Evaluating the carbon depletion found by the Stardust mission in Comet 81P/Wild 2 Zubko, E., Muinonen, K., Shkuratov, Y., (...), Levasseur-Regourd, A.-C., Videen, G. 2012 Astronomy and Astrophysics 544, L8.</p> <p>51. Structural disturbances of the lunar surface caused by spacecraft Kaydash, V.G., Shkuratov, Y.G. 2012 Solar System Research 46(2), c. 108-118.</p> <p>52. The lunar crater Giordano Bruno as seen with optical roughness imagery Shkuratov, Y., Kaydash, V., Videen, G. 2012 Icarus 218(1), c. 525-533.</p>		<p>Kaydash, Vadym; Pieters, Carle; Shkuratov, Yuriy; et al. JOURNAL OF GEOPHYSICAL RESEARCH-PLANETS Volume: 118 Issue: 6 Pages: 1221-1232 Published: JUN 2013.</p> <p>38. Characteristics of cometary dust in the innermost coma derived from polarimetry by Giotto By: Zubko, Evgenij; Muinonen, Karri; Shkuratov, Yuriy; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 430 Issue: 2 Pages: 1118-1124 Published: APR 2013.</p> <p>39. Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" By: Shkuratov, Y.; Kaydash, V.; Korokhin, V.; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 116 Pages: 191-195 Published: FEB 2013.</p> <p>40. Lunar surface traces of engine jets of Soviet sample return probes: The enigma of the Luna-23 and Luna-24 landing sites By: Shkuratov, Yuriy; Kaydash, Vadym; Sysolyatina, Xenija; et al. PLANETARY AND SPACE SCIENCE Volume: 75 Pages: 28-36 Published: JAN 2013.</p> <p>41. Light scattering by arbitrary shaped particles with rough surfaces: Sh-matrices approach By: Petrov, Dmitry; Shkuratov, Yuriy; Videen, Gorden JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 113 Issue: 18 Special Issue: SI Pages: 136-148 Published: DEC 2012.</p> <p>42. A critical assessment of the Hapke photometric model By: Shkuratov, Y.; Kaydash, V.; Korokhin, V.; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 113 Issue: 18 Special Issue: SI Pages: 161-186 Published: DEC 2012.</p> <p>43. Phase-ratio imagery as a planetary remote-sensing tool By: Kaydash, Vadym; Shkuratov, Yuriy; Videen, Gorden JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 113 Issue: 18 Special Issue: SI Pages: 331-337 Published: DEC 2012.</p> <p>44. Polarimetry of trans-Neptunian objects (136472) Makemake and (90482) Orcus By: Belskaya, I. N.; Bagnulo, S.; Stinson, A.; et al. ASTRONOMY &amp; ASTROPHYSICS Volume: 547 Article Number: A101 Published: NOV 2012.</p> <p>45. Evaluating the carbon depletion found by the Stardust mission in Comet 81P/Wild 2 By: Zubko, E.; Muinonen, K.; Shkuratov, Y.; et al. ASTRONOMY &amp; ASTROPHYSICS Volume: 544 Article Number: L8 Published: AUG 2012.</p> <p>46. Structural disturbances of the lunar surface caused by spacecraft By: Kaydash, V. G.; Shkuratov, Yu. G. SOLAR SYSTEM RESEARCH Volume: 46 Issue: 2 Pages: 108-118 Published: APR 2012.</p> <p>47. The lunar crater Giordano Bruno as seen with optical roughness imagery By: Shkuratov, Yuriy; Kaydash, Vadim; Videen, Gorden ICARUS Volume: 218 Issue: 1 Pages: 525-533 Published: MAR 2012.</p>
НДІ астрономії		Станкевич Дмитро Геннадійович		5	<p>1. UKRAINIAN MISSION TO THE MOON: HOW TO AND WITH WHAT By: Shkuratov, Y. G.; Konovalenko, A. A.; Zakharenko, V. V.; et al. SPACE SCIENCE AND TECHNOLOGY-KOSMICNA NAUKA I TEHNOLOGIA Volume: 24 Issue: 1 Pages: 3-30 Published: 2018.</p> <p>2. A Fast Estimation Method for the Phase Difference Between Two Quasi-harmonic Signals for Real-Time Systems By: Ignatjev, Vyacheslav; Stankevich, Dmitry CIRCUITS SYSTEMS AND SIGNAL PROCESSING</p>

					<p>Volume: 36 Issue: 9 Pages: 3854-3863 Published: SEP 2017.</p> <p>3. Characterization of a photometric anomaly in lunar Mare Nubium By: Korokhin, Viktor; Shkuratov, Yuriy; Kaydash, Vadym; et al. PLANETARY AND SPACE SCIENCE Volume: 122 Pages: 70-87 Published: MAR 2016.</p> <p>4. Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" By: Shkuratov, Y.; Kaydash, V.; Korokhin, V.; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 116 Pages: 191-195 Published: FEB 2013.</p> <p>5. A critical assessment of the Hapke photometric model By: Shkuratov, Y.; Kaydash, V.; Korokhin, V.; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 113 Issue: 18 Special Issue: SI Pages: 161-186 Published: DEC 2012.</p>
НДІ астрономії		Корохін Віктор Валентинович	15	<ol style="list-style-type: none"> <li>1. Using LROC WAC data for Lunar surface photoclinometry Korokhin, V., Velikodsky, Y., Shkuratov, Y., (...), Mall, U., Videen, G. 2018 Planetary and Space Science 160, c. 120-135.</li> <li>2. The lunar surface around extremely fresh craters Kaydash, V., Shkuratov, Y., Korokhin, V., Velichko, S., Videen, G. 2018 Icarus 311, c. 258-270.</li> <li>3. Characterizing dark mantle deposits in the lunar crater Alphonsus Shkuratov, Y.G., Ivanov, M.A., Korokhin, V.V., (...), Velikodsky, Y.I., Marchenko, G.P. 2018 Planetary and Space Science 153, c. 22-38.</li> <li>4. A photometric function of planetary surfaces for gourmets Shkuratov, Y., Korokhin, V., Shevchenko, V., (...), Zubko, E., Velikodsky, Y. 2018 Icarus 302, c. 213-236.</li> <li>5. Surface erosion and sedimentation caused by ejecta from the lunar crater Tycho Shkuratov, Y., Basilevsky, A., Kaydash, V., (...), Korokhin, V., Videen, G. 2018 Planetary and Space Science 151, c. 130-140.</li> <li>6. Phase-ratio imaging as applied to desert sands for tracking human presence</li> <li>7. Yuffa, A.J., Kaydash, V., Korokhin, V., (...), Zubko, E., Videen, G. 2017 Applied Optics 56(3), c. B184-B190.</li> <li>8. Opposition effect of the Moon from LROC WAC data Velikodsky, Y., Korokhin, V.V., Shkuratov, Y., Kaydash, V.G., Videen, G. 2016 Icarus 275, c. 1-15.</li> <li>9. Comparison of lunar red spots including the crater copernicus Shkuratov, Y., Kaydash, V., Rohacheva, L., (...), Velikodsky, Y., Videen, G. 2016 Icarus 272, c. 125-139.</li> <li>11. Characterization of a photometric anomaly in lunar Mare Nubium Korokhin, V., Shkuratov, Y., Kaydash, V., (...), Stankevich, D., Kaluhina, O. 2016 Planetary and Space Science 122, c. 70-87.</li> <li>12. Gas giant planets, saturn's rings, and titan ( Book Chapter) West, R.A., Yanamandra-Fisher, P.A., Korokhin, V. 2015 Polarimetry of Stars and Planetary Systems c. 320-339.</li> <li>13. The moon ( Book Chapter) Shkuratov, Y., Opanasenko, N., Korokhin, V., Videen, G. 2015 Polarimetry of Stars and Planetary Systems c. 303-319.</li> <li>14. Retrieving lunar topography from multispectral LROC images Korokhin, V.V., Velikodsky, Y.I., Shalygin, E.V., (...), Kaydash, V.G., Videen, G. 2014 Planetary and Space Science 92, c. 65-76.</li> <li>15. Lunar opposition effect as inferred from Chandrayaan-1 M3 data Kaydash, V., Pieters, C., Shkuratov, Y., Korokhin, V. 2013 Journal of</li> </ol>	<p>15</p> <ol style="list-style-type: none"> <li>1. Using LROC WAC data for Lunar surface photoclinometry By: Korokhin, Viktor; Velikodsky, Yuri; Shkuratov, Yuriy; et al. PLANETARY AND SPACE SCIENCE Volume: 160 Pages: 120-135 Published: OCT 1 2018.</li> <li>2. The lunar surface around extremely fresh craters By: Kaydash, Vadym; Shkuratov, Yuriy; Korokhin, Viktor; et al. ICARUS Volume: 311 Pages: 258-270 Published: SEP 1 2018.</li> <li>3. Characterizing dark mantle deposits in the lunar crater Alphonsus By: Shkuratov, Y. G.; Ivanov, M. A.; Korokhin, V. V.; et al. PLANETARY AND SPACE SCIENCE Volume: 153 Pages: 22-38 Published: APR 2018.</li> <li>4. A photometric function of planetary surfaces for gourmets By: Shkuratov, Yuriy; Korokhin, Viktor; Shevchenko, Vasiliy; et al. ICARUS Volume: 302 Pages: 213-236 Published: MAR 1 2018.</li> <li>5. Surface erosion and sedimentation caused by ejecta from the lunar crater Tycho By: Shkuratov, Y.; Basilevsky, A.; Kaydash, V.; et al. PLANETARY AND SPACE SCIENCE Volume: 151 Pages: 130-140 Published: FEB 2018.</li> <li>6. UKRAINIAN MISSION TO THE MOON: HOW TO AND WITH WHAT By: Shkuratov, Y. G.; Konovalenko, A. A.; Zakharenko, V. V.; et al. SPACE SCIENCE AND TECHNOLOGY-KOSMICNA NAUKA I TEHNOLOGIA Volume: 24 Issue: 1 Pages: 3-30 Published: 2018.</li> <li>7. Phase-ratio imaging as applied to desert sands for tracking human presence By: Yuffa, Alex J.; Kaydash, Vadym; Korokhin, Viktor; et al. APPLIED OPTICS Volume: 56 Issue: 3 Pages: B184-B190 Published: JAN 20 2017.</li> <li>8. Opposition effect of the Moon from LROC WAC data By: Velikodsky, Yu. I.; Korokhin, V. V.; Shkuratov, Yu. G.; et al. ICARUS Volume: 275 Pages: 1-15 Published: SEP 1 2016.</li> <li>9. Comparison of lunar red spots including the crater Copernicus By: Shkuratov, Y.; Kaydash, V.; Rohacheva, L.; et al. ICARUS Volume: 272 Pages: 125-139 Published: JUL 1 2016.</li> <li>10. Characterization of of a photometric anomaly in lunar Mare Nubium By: Korokhin, Viktor; Shkuratov, Yuriy; Kaydash, Vadym; et al. PLANETARY AND SPACE SCIENCE Volume: 122 Pages: 70-87 Published: MAR 2016.</li> </ol>

				<p>Geophysical Research E: Planets 118(6), c. 1221-1232.</p> <p>16. Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" Shkuratov, Y., Kaydash, V., Korokhin, V., (...), Stankevich, D., Videen, G. 2013 Journal of Quantitative Spectroscopy and Radiative Transfer 116, c. 191-195.</p> <p>17. A critical assessment of the Hapke photometric model Shkuratov, Y., Kaydash, V., Korokhin, V., (...), Stankevich, D., Videen, G. 2012 Journal of Quantitative Spectroscopy and Radiative Transfer 113(18), c. 2431-2456.</p>		<p>11. HIGH RESOLUTION SPACE PHOTOMETRY AS A METHOD TO REVEAL STRUCTURE ANOMALIES OF THE LUNAR SURFACE By: Kaydash, V. G.; Shkuratov, Yu. G.; Korokhin, V. V. SPACE SCIENCE AND TECHNOLOGY-KOSMICHNA NAUKA I TEHNOLOGIA Volume: 21 Issue: 5 Pages: 75-89 Published: 2015.</p> <p>12. Retrieving lunar topography from multispectral LROC images By: Korokhin, Viktor V.; Velikodsky, Yuri I.; Shalygin, Eugene V.; et al. PLANETARY AND SPACE SCIENCE Volume: 92 Pages: 65-76 Published: MAR 2014.</p> <p>13. Lunar opposition effect as inferred from Chandrayaan-1 M-3 data By: Kaydash, Vadym; Pieters, Carle; Shkuratov, Yuriy; et al. JOURNAL OF GEOPHYSICAL RESEARCH-PLANETS Volume: 118 Issue: 6 Pages: 1221-1232 Published: JUN 2013.</p> <p>14. Response to the comment by B. Hapke on "A critical assessment of the Hapke photometric model" By: Shkuratov, Y.; Kaydash, V.; Korokhin, V.; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 116 Pages: 191-195 Published: FEB 2013.</p> <p>15. A critical assessment of the Hapke photometric model By: Shkuratov, Y.; Kaydash, V.; Korokhin, V.; et al. JOURNAL OF QUANTITATIVE SPECTROSCOPY &amp; RADIATIVE TRANSFER Volume: 113 Issue: 18 Special Issue: SI Pages: 161-186 Published: DEC 2012.</p>
НДІ астрономії		Величко Сергій Федорович	7	<p>1. Transit timing analysis of the exoplanet TrES-5 b. Possible existence of the exoplanet TrES-5 c Sokov, E.N., Sokova, I.A., Dyachenko, V.V., (...), Alonso, D., Velichko, S.F. 2018 Monthly Notices of the Royal Astronomical Society 480(1), c. 291-301.</p> <p>2. The lunar surface around extremely fresh craters Kaydash, V., Shkuratov, Y., Korokhin, V., Velichko, S., Videen, G. 2018 Icarus 311, c. 258-270.</p> <p>3. Physical activity of the selected nearly isotropic comets with perihelia at large heliocentric distance Kulyk, I., Rousselot, P., Korsun, P.P., (...), Sergeev, A.V., Velichko, S.F. 2018 Astronomy and Astrophysics 611, A32.</p> <p>4. Characteristics of small-sized space debris objects detected at the Terskol observatory in 2016-2017 Levkina, P., Bakhtigaraev, N., Martynyuk-Lototsky, K., (...), Khorunzhiy, P., Chazov, V. 2018 Open Astronomy 27(1), c. 310-313.</p> <p>5. Optical spectrophotometric monitoring of comet C/2006 W3 (Christensen) before perihelion Korsun, P.P., Kulyk, I., Ivanova, O.V., (...), Sergeev, A.V., Velichko, S.F. 2016 Astronomy and Astrophysics 596, A48.</p> <p>6. Monitoring of the cometary activity of distant comet C/2006 S3 (LONEOS) Rousselot, P., Korsun, P.P., Kulyk, I.V., (...), Sergeev, A.V., Velichko, S.F. 2014 Astronomy and Astrophysics 571, 73.</p> <p>7. The spectrum of comet C/2009 R1 (McNaught) in 41405240 Å wavelength region Korsun, P., Kulyk, I., Velichko, S. 2012 Planetary and Space Science 60(1), c. 255-260.</p>		
НДІ астрономії		Бельська Ірина Миколаївна	29	<p>1. Unusual polarimetric properties of (101955) Bennu: Similarities with F-class asteroids and cometary bodies Cellino, A., Bagnulo, S., Belskaya, I.N., Christou, A.A. 2018 Monthly Notices of the Royal Astronomical Society: Letters 481(1), c. L49-L53.</p> <p>2. The phase-polarization curve of asteroid (3200) phaeon Devogèle, M., Cellino, A., Borisov, G., (...), Bonev, T., Krugly, Y.U.N. 2018 Monthly</p>	22	<p>1. Unusual polarimetric properties of (101955) Bennu: similarities with F-class asteroids and cometary bodies By: Cellino, A.; Bagnulo, S.; Belskaya, I. N.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 481 Issue: 1 Pages: L49-L53 Published: NOV 2018.</p> <p>2. Rotational variation of the linear polarization of the asteroid (3200)</p>

			<p>Notices of the Royal Astronomical Society 479(3), c. 3498-3508.</p> <p>3. Dust Phenomena Relating to Airless Bodies Szalay, J.R., Poppe, A.R., Agarwal, J., (...), Sachse, M., Spahn, F. 2018 Space Science Reviews 214(5),98.</p> <p>4. A spectroscopic survey of the small near-Earth asteroid population: Peculiar taxonomic distribution and phase reddening Perna, D., Barucci, M.A., Fulchignoni, M., (...), Lantz, C., Merlin, F. 2018 Planetary and Space Science 157, c. 82-95.</p> <p>5. Olivine-rich asteroids in the near-Earth space Popescu, M., Perna, D., Barucci, M.A., (...), Belskaya, I.N., Fulchignoni, M. 2018 Monthly Notices of the Royal Astronomical Society 477(2), c. 2786-2795.</p> <p>6. A photometric function of planetary surfaces for gourmets Shkuratov, Y., Korokhin, V., Shevchenko, V., (...), Zubko, E., Velikodsky, Y. 2018 Icarus 302, c. 213-236.</p> <p>7. Photometric observations of nine Transneptunian objects and Centaurs Hromakina, T., Perna, D., Belskaya, I., (...), Rossi, A., Bisi, F. 2018 Monthly Notices of the Royal Astronomical Society 474(2), c. 2536-2543.</p> <p>8. Rotational variation of the linear polarization of the asteroid (3200) Phaethon as evidence for inhomogeneity in its surface properties Borisov, G., Devogèle, M., Cellino, A., (...), Cutter, R., Dyer, M. 2018 Monthly Notices of the Royal Astronomical Society: Letters 480(1), c. L131-L135.</p> <p>9. Polarimetry of small bodies and satellites of our Solar System Bagnulo, S., Belskaya, I., Cellino, A., Kolokolova, L. 2017 European Physical Journal Plus 132(9),405.</p> <p>10. Refining the asteroid taxonomy by polarimetric observations Belskaya, I.N., Fornasier, S., Tozzi, G.P., (...), Dovgopol, A.N., Faggi, S. 2017 Icarus 284, c. 30-42.</p> <p>11. The very homogeneous surface of the dwarf planet Makemake Perna, D., Hromakina, T., Merlin, F., (...), Belskaya, I., Mazzotta Epifani, E. 2017 Monthly Notices of the Royal Astronomical Society 466(3), c. 3594-3599.</p> <p>12. Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations Feller, C., Fornasier, S., Hasselmann, P.H., (...), Tubiana, C., Vincent, J.-B. 2016 Monthly Notices of the Royal Astronomical Society 462, c. S287-S303.</p> <p>13. Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system Shevchenko, V.G., Belskaya, I.N., Muinonen, K., (...), Gaftonyuk, N.M., Tereschenko, I.A. 2016 Planetary and Space Science 123, c. 101-116.</p> <p>14. Broadband linear polarization of Jupiter Trojans Bagnulo, S., Belskaya, I., Stinson, A., Christou, A., Borisov, G.B. 2016 Astronomy and Astrophysics 585,A122.</p> <p>15. Recent advances in asteroid polarimetry Cellino, A., Ammannito, E., Bagnulo, S., (...), Tanga, P., Tedesco, E.F. 2016 Memorie della Societa Astronomica Italiana - Journal of the Italian Astronomical Society 87(1), c. 93-96.</p> <p>16. The dawn exploration of (4) Vesta as the 'ground truth' to interpret asteroid polarimetry Cellino, A., Ammannito, E., Magni, G., (...), Preusker, F., Manara, A. 2016 Monthly Notices of the Royal Astronomical Society 456(1), c. 248-262.</p> <p>17. Division F commission 15: Physical study of comets and minor planets Bocqué-Morvan, D., Gil-Hutton, R., Hestroffer, D., (...), Wooden, D.H., Yano,</p>	<p>Phaethon as evidence for inhomogeneity in its surface properties By: Borisov, G.; Devogele, M.; Cellino, A.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 480 Issue: 1 Pages: L131-L135 Published: OCT 2018.</p> <p>3. The phase-polarization curve of asteroid (3200) Phaethon By: Devogele, M.; Cellino, A.; Borisov, G.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 479 Issue: 3 Pages: 3498-3508 Published: SEP 2018.</p> <p>4. Dust Phenomena Relating to Airless Bodies By: Szalay, J. R.; Poppe, A. R.; Agarwal, J.; et al. SPACE SCIENCE REVIEWS Volume: 214 Issue: 5 Article Number: UNSP 98 Published: AUG 2018.</p> <p>5. A spectroscopic survey of the small near-Earth asteroid population: Peculiar taxonomic distribution and phase reddening By: Perna, D.; Barucci, M. A.; Fulchignoni, M.; et al. PLANETARY AND SPACE SCIENCE Volume: 157 Pages: 82-95 Published: AUG 2018.</p> <p>6. Olivine-rich asteroids in the near-Earth space By: Popescu, Marcel; Perna, D.; Barucci, M. A.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 477 Issue: 2 Pages: 2786-2795 Published: JUN 2018.</p> <p>7. A photometric function of planetary surfaces for gourmets By: Shkuratov, Yuriy; Korokhin, Viktor; Shevchenko, Vasilij; et al. ICARUS Volume: 302 Pages: 213-236 Published: MAR 1 2018.</p> <p>8. Photometric observations of nine Transneptunian objects and Centaurs By: Hromakina, T.; Perna, D.; Belskaya, I.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 474 Issue: 2 Pages: 2536-2543 Published: FEB 2018.</p> <p>9. Polarimetry of small bodies and satellites of our Solar System By: Bagnulo, S.; Belskaya, I.; Cellino, A.; et al. EUROPEAN PHYSICAL JOURNAL PLUS Volume: 132 Issue: 9 Article Number: 405 Published: SEP 29 2017.</p> <p>10. The very homogeneous surface of the dwarf planet Makemake By: Perna, D.; Hromakina, T.; Merlin, F.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 466 Issue: 3 Pages: 3594-3599 Published: APR 2017.</p> <p>11. Refining the asteroid taxonomy by polarimetric observations By: Belskaya, I. N.; Fornasier, S.; Tozzi, G. P.; et al. ICARUS Volume: 284 Pages: 30-42 Published: MAR 1 2017.</p> <p>12. Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations By: Feller, C.; Fornasier, S.; Hasselmann, P. H.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 462 Supplement: 1 Pages: S287-S303 Published: NOV 2016.</p> <p>13. Asteroid observations at low phase angles. IV. Average parameters for the new H, G(1), G(2) magnitude system By: Shevchenko, Vasilij G.; Belskaya, Irina N.; Muinonen, Karri; et al. PLANETARY AND SPACE SCIENCE Volume: 123 Special Issue: SI Pages: 101-116 Published: APR 2016.</p> <p>14. The Dawn exploration of (4) Vesta as the 'ground truth' to interpret asteroid polarimetry By: Cellino, A.; Ammannito, E.; Magni, G.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 456 Issue: 1 Pages: 248-262 Published: FEB 11 2016.</p>
--	--	--	---	--

			<p>H. 2015 Proceedings of the International Astronomical Union 11(T29A), c. 316-329.</p> <p>18. The potentially hazardous Asteroid (214869) 2007 PA8: An unweathered L chondrite analog surface Fornasier, S., Belskaya, I.N., Perna, D. 2015 Icarus 250, c. 280-286.</p> <p>19. Updated taxonomy of trans-neptunian objects and centaurs: Influence of albedo Belskaya, I.N., Barucci, M.A., Fulchignoni, M., Dovgopoi, A.N. 2015 Icarus 250, c. 482-491.</p> <p>20. Transneptunian objects and centaurs ( Book Chapter) Belskaya, I., Bagnulo, S. 2015 Polarimetry of Stars and Planetary Systems c. 405-418.</p> <p>21. Asteroids ( Book Chapter) Cellino, A., Gil-Hutton, R., Belskaya, I. 2015 Polarimetry of Stars and Planetary Systems c. 360-378.</p> <p>22. Asteroid polarimetry ( Book Chapter) Belskaya, I., Cellino, A., Gil-Hutton, R., Muinonen, K., Shkuratov, Y. 2015 Asteroids IV c. 151-163.</p> <p>23. DIVISION III: COMMISSION 15: PHYSICAL STUDIES of COMETS and MINOR PLANETS Bockelée-Morvan, D., Gil-Hutton, R., Cellino, A., (...), Yano, H., Montmerle, T. 2015 Proceedings of the International Astronomical Union 10(T28B), c. 115-119.</p> <p>24. Jupiter's Trojans: Physical properties and origin Slyusarev, I.G., Belskaya, I.N. 2014 Solar System Research 48(2), c. 139-157.</p> <p>25. Revised albedos of Trojan asteroids (911) Agamemnon and (4709) Ennomos Shevchenko, V.G., Slyusarev, I.G., Belskaya, I.N. 2014 Meteoritics and Planetary Science 49(1), c. 103-108.</p> <p>26. UV to far-IR reflectance spectra of carbonaceous chondrites - I. Implications for remote characterization of dark primitive asteroids targeted by sample-return missions Trigo-Rodríguez, J.M., Moyano-Camero, C.E., Llorca, J., (...), Madiedo, J.M., Alonso-Azcárate, J. 2013 Monthly Notices of the Royal Astronomical Society 437(1),stt1873, c. 227-240.</p> <p>27. Polarimetry of trans-neptunian objects (136472) Makemake and (90482) Orcus Belskaya, I.N., Bagnulo, S., Stinson, A., (...), Barucci, M.A., Fornasier, S. 2012 Astronomy and Astrophysics 547,A101.</p> <p>28. Opposition effect of Trojan asteroids Shevchenko, V.G., Belskaya, I.N., Slyusarev, I.G., (...), Ehgamberdiev, S., Molotov, I.E. 2012 Icarus 217(1), c. 202-208.</p> <p>29. Overview of Lutetia's surface composition Barucci, M.A., Belskaya, I.N., Fornasier, S., (...), Thomas, N., Vincent, J.B. 2012 Planetary and Space Science 66(1), c. 23-30.</p>	<p>15. Broadband linear polarization of Jupiter Trojans By: Bagnulo, S.; Belskaya, I.; Stinson, A.; et al. ASTRONOMY &amp; ASTROPHYSICS Volume: 585 Article Number: A122 Published: JAN 2016.</p> <p>16. The potentially hazardous Asteroid (214869) 2007 PA8: An unweathered L chondrite analog surface By: Fornasier, S.; Belskaya, I. N.; Perna, D. ICARUS Volume: 250 Pages: 280-286 Published: APR 2015.</p> <p>17. Updated taxonomy of trans-neptunian objects and centaurs: Influence of albedo By: Belskaya, Irina N.; Barucci, Maria A.; Fulchignoni, Marcello; et al. ICARUS Volume: 250 Pages: 482-491 Published: APR 2015.</p> <p>18. Jupiter's Trojans: Physical Properties and Origin By: Slyusarev, I. G.; Belskaya, I. N. SOLAR SYSTEM RESEARCH Volume: 48 Issue: 2 Pages: 139-157 Published: MAR 2014.</p> <p>19. Revised albedos of Trojan asteroids (911) Agamemnon and (4709) Ennomos By: Shevchenko, V. G.; Slyusarev, I. G.; Belskaya, I. N. METEORITICS &amp; PLANETARY SCIENCE Volume: 49 Issue: 1 Pages: 103-108 Published: JAN 2014.</p> <p>20. Polarimetry of trans-Neptunian objects (136472) Makemake and (90482) Orcus By: Belskaya, I. N.; Bagnulo, S.; Stinson, A.; et al. ASTRONOMY &amp; ASTROPHYSICS Volume: 547 Article Number: A101 Published: NOV 2012.</p> <p>21. Overview of Lutetia's surface composition By: Barucci, M. A.; Belskaya, I. N.; Fornasier, S.; et al. PLANETARY AND SPACE SCIENCE Volume: 66 Issue: 1 Special Issue: SI Pages: 23-30 Published: JUN 2012.</p> <p>22. Opposition effect of Trojan asteroids By: Shevchenko, V. G.; Belskaya, I. N.; Slyusarev, I. G.; et al. ICARUS Volume: 217 Issue: 1 Pages: 202-208 Published: JAN 2012.</p>	
НДІ астрономії	Круглий Юрій Миколайович	24	<p>1. The phase-polarization curve of asteroid (3200) phaethon Devogèle, M., Cellino, A., Borisov, G., (...), Bonev, T., Krugly, Y.U.N. 2018 Monthly Notices of the Royal Astronomical Society 479(3), c. 3498-3508.</p> <p>2. Asteroid clusters similar to asteroid pairs Pravec, P., Fatka, P., Vokrouhlický, D., (...), Romyantsev, V.V., Molotov, I.E. 2018 Icarus 304, c. 110-126.</p> <p>3. YORP and yarkovsky effects in asteroids (1685) Toro, (2100) rashalom, (3103) eger, and (161989) cacus Ďurech, J., Vokrouhlický, D., Pravec, P., (...), Vraštil, J., Warner, B.D. 2018 Astronomy and Astrophysics 609,A86.</p> <p>4. Rotational variation of the linear polarization of the asteroid (3200) Phaethon as evidence for inhomogeneity in its surface properties Borisov, G.,</p>	23	<p>1. Rotational variation of the linear polarization of the asteroid (3200) Phaethon as evidence for inhomogeneity in its surface properties By: Borisov, G.; Devogele, M.; Cellino, A.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 480 Issue: 1 Pages: L131-L135 Published: OCT 2018.</p> <p>2. The phase-polarization curve of asteroid (3200) Phaethon By: Devogele, M.; Cellino, A.; Borisov, G.; et al. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 479 Issue: 3 Pages: 3498-3508 Published: SEP 2018.</p> <p>3. Asteroid clusters similar to asteroid pairs By: Pravec, P.; Fatka, P.; Vokrouhlicky, D.; et al. ICARUS Volume: 304 Pages: 110-126 Published:</p>

			<p>Devogèle, M., Cellino, A., (...), Cutter, R., Dyer, M. 2018 Monthly Notices of the Royal Astronomical Society: Letters 480(1), c. L131-L135.</p> <p>5. Multicolour modelling of SN 2013dx associated with GRB 130702A Volnova, A.A., Pruzhinskaya, M.V., Pozanenko, A.S., (...), Rummyantsev, V.V., Volvach, A.E. 2017 Monthly Notices of the Royal Astronomical Society 467(3), c. 3500-3512.</p> <p>6. Detailed Analysis of the Asteroid Pair (6070) Rheinland and (54827) 2001 NQ8 Vokrouhlický, D., Pravec, P., Durech, J., (...), Molotov, I.E., Colazo, C.A. 2017 Astronomical Journal 153(6),270.</p> <p>7. Refining the asteroid taxonomy by polarimetric observations Belskaya, I.N., Fornasier, S., Tozzi, G.P., (...), Dovgopoul, A.N., Faggi, S. 2017 Icarus 284, c. 30-42.</p> <p>8. Obliquity dependence of the tangential YORP Ševeček, P., Golubov, O., Scheeres, D.J., Krugly, Y.N. 2016 Astronomy and Astrophysics 592,A115.</p> <p>9. Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system Shevchenko, V.G., Belskaya, I.N., Muinonen, K., (...), Gaftonyuk, N.M., Tereschenko, I.A. 2016 Planetary and Space Science 123, c. 101-116.</p> <p>10. Physical models for the normal YORP and diurnal Yarkovsky effects Golubov, O., Kravets, Y., Krugly, Y.N., Scheeres, D.J. 2016 Monthly Notices of the Royal Astronomical Society 458(4), c. 3977-3989.</p> <p>11. Binary asteroid population. 3. Secondary rotations and elongations Pravec, P., Scheirich, P., Kušnirák, P., (...), Haislip, J., LaCluyze, A. 2016 Icarus 267, c. 267-295.</p> <p>12. THE SCHULHOF FAMILY: SOLVING the AGE PUZZLE Vokrouhlický, D., Durech, J., Pravec, P., (...), Pollock, J.T., Nesvorný, D. 2016 Astronomical Journal 151(3),56.</p> <p>13. New and updated convex shape models of asteroids based on optical data from a large collaboration network Hanuš, J., Durech, J., Oszkiewicz, D.A., (...), Winiarski, M., Wolf, M. 2016 Astronomy and Astrophysics 586,A108.</p> <p>14. The astrometric Gaia-FUN-SSO observation campaign of 99942 Apophis Thuillot, W., Bancelin, D., Ivantsov, A., (...), Vovk, V., Zhang, X.-L. 2015 Astronomy and Astrophysics 583,A59.</p> <p>15. Physical modeling of triple near-Earth Asteroid (153591) 2001 SN263 from radar and optical light curve observations Becker, T.M., Howell, E.S., Nolan, M.C., (...), Marchis, F., Pollock, J.T. 2015 Icarus 248, c. 499-515.</p> <p>16. The binary near-Earth Asteroid (175706) 1996 FG 3 - An observational constraint on its orbital evolution Scheirich, P., Pravec, P., Jacobson, S.A., (...), Brinsfield, J., Molotov, I.E. 2015 Icarus 245, c. 56-63.</p> <p>17. A three-dimensional model of tangential yorp Golubov, O., Scheeres, D.J., Krugly, Yu.N. 2014 Astrophysical Journal 794(1),22 (9pp).</p> <p>18. A trio of gamma-ray burst supernovae: GRB 120729A, GRB 130215A/SN 2013ez, and GRB 130831A/SN 2013fu Cano, Z., De Ugarte Postigo, A., Pozanenko, A., (...), Xu, D., Yuan, F. 2014 Astronomy and Astrophysics 568,A19.</p> <p>19. Gamma-ray burst observations with ISON network Pozanenko, A., Elenin, L., Litvinenko, E., (...), Kouprianov, V., Molotov, I. 2013 EAS Publications Series 61, c. 259-261.</p> <p>20. Tangential component of the YORP effect Golubov, O., Krugly, Y.N.</p>	<p>APR 2018.</p> <p>4. YORP and Yarkovsky effects in asteroids (1685) Toro, (2100) Ra-Shalom, (3103) Eger, and (161989) CacusBy: Durech, J.; Vokrouhlicky, D.; Pravec, P.; et al.</p> <p>5. ASTRONOMY &amp; ASTROPHYSICS Volume: 609 Article Number: A86 Published: JAN 18 2018.</p> <p>6. Physical models for the normal YORP and diurnal Yarkovsky effects (vol 458, pg 3977, 2016)By: Golubov, O.; Kravets, Y.; Krugly, Yu. N.; et al.MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 473 Issue: 2 Pages: 1784-1784 Published: JAN 2018.</p> <p>7. Detailed Analysis of the Asteroid Pair (6070) Rheinland and (54827) 2001 NQ8By: Vokrouhlicky, David; Pravec, Petr; Durech, Josef; et al.ASTRONOMICAL JOURNAL Volume: 153 Issue: 6 Article Number: 270 Published: JUN 2017.</p> <p>8. Multicolour modelling of SN 2013dx associated with GRB 130702ABY: Volnova, A. A.; Pruzhinskaya, M. V.; Pozanenko, A. S.; et al.MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 467 Issue: 3 Pages: 3500-3512 Published: JUN 2017.</p> <p>9. Refining the asteroid taxonomy by polarimetric observationsBy: Belskaya, I. N.; Fornasier, S.; Tozzi, G. P.; et al.ICARUS Volume: 284 Pages: 30-42 Published: MAR 1 2017.</p> <p>10. Obliquity dependence of the tangential YORPBy: Sevecek, P.; Golubov, O.; Scheeres, D. J.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 592 Article Number: A115 Published: AUG 2016.</p> <p>11. Physical models for the normal YORP and diurnal Yarkovsky effectsBy: Golubov, O.; Kravets, Y.; Krugly, Yu N.; et al.MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 458 Issue: 4 Pages: 3977-3989 Published: JUN 1 2016.</p> <p>12. Asteroid observations at low phase angles. IV. Average parameters for the new H, G(1), G(2) magnitude systemBy: Shevchenko, Vasilij G.; Belskaya, Irina N.; Muinonen, Karri; et al.PLANETARY AND SPACE SCIENCE Volume: 123 Special Issue: SI Pages: 101-116 Published: APR 2016.</p> <p>13. Binary asteroid population. 3. Secondary rotations and elongationsBy: Pravec, P.; Scheirich, P.; Kusnirak, P.; et al.ICARUS Volume: 267 Pages: 267-295 Published: MAR 15 2016.</p> <p>14. THE SCHULHOF FAMILY: SOLVING THE AGE PUZZLEBy: Vokrouhlicky, David; Durech, Josef; Pravec, Petr; et al.ASTRONOMIC JOURNAL Volume: 151 Issue: 3 Article Number: 56 Published: MAR 2016.</p> <p>15. New and updated convex shape models of asteroids based on optical data from a large collaboration networkBy: Hanus, J.; Durech, J.; Oszkiewicz, D. A.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 586 Article Number: A108 Published: FEB 2016.</p> <p>16. The astrometric Gaia-FUN-SSO observation campaign of 99 942 ApophisBy: Thuillot, W.; Bancelin, D.; Ivantsov, A.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 583 Article Number: A59 Published: NOV 2015.</p> <p>17. Physical modeling of triple near-Earth Asteroid (153591) 2001 SN263 from radar and optical light curve observationsBy: Becker, Tracy M.; Howell,</p>
--	--	--	--	---



			<p>2012 Astrophysical Journal Letters 752(1),L11.</p> <p>21. Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries Pravec, P., Scheirich, P., Vokrouhlický, D., (...), Molotov, I., Marchis, F. 2012 Icarus 218(1), c. 125-143.</p> <p>22. Influence of thermal models on the YORP effect Golubov, O., Krugly, Y.N. 2012 Proceedings of the International Astronomical Union 10(H16), c. 173.</p> <p>23. Opposition effect of Trojan asteroids Shevchenko, V.G., Belskaya, I.N., Slyusarev, I.G., (...), Ehgamberdiev, S., Molotov, I.E. 2012 Icarus 217(1), c. 202-208.</p> <p>24. Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger-search for the YORP effect Ďurech, J., Vokrouhlický, D., Baransky, A.R., (...), Viikinkoski, M., Warner, B.D. 2012 Astronomy and Astrophysics 547,A10.</p>	<p>Ellen S.; Nolan, Michael C.; et al.ICARUS Volume: 248 Pages: 499-515 Published: MAR 1 2015.</p> <p>18. The binary near-Earth Asteroid (175706) 1996 FG(3) - An observational constraint on its orbital evolutionBy: Scheirich, P.; Pravec, P.; Jacobson, S. A.; et al.ICARUS Volume: 245 Pages: 56-63 Published: JAN 1 2015.</p> <p>19. A THREE-DIMENSIONAL MODEL OF TANGENTIAL YORPBy: Golubov, O.; Scheeres, D. J.; Krugly, Yu. N.ASTROPHYSICAL JOURNAL Volume: 794 Issue: 1 Article Number: 22 Published: OCT 10 2014.</p> <p>20. A trio of gamma-ray burst supernovae: GRB 120729A, GRB 130215A/SN 2013ez, and GRB 130831A/SN 2013fuBy: Cano, Z.; de Ugarte Postigo, A.; Pozanenko, A.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 568 Article Number: A19 Published: AUG 2014.</p> <p>21. Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger - search for the YORP effectBy: Ďurech, J.; Vokrouhlicky, D.; Baransky, A. R.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 547 Article Number: A10 Published: NOV 2012.</p> <p>22. TANGENTIAL COMPONENT OF THE YORP EFFECTBy: Golubov, Oleksiy; Krugly, Yuriy N.ASTROPHYSICAL JOURNAL LETTERS Volume: 752 Issue: 1 Article Number: L11 Published: JUN 10 2012.</p> <p>23. Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binariesBy: Pravec, P.; Scheirich, P.; Vokrouhlicky, D.; et al.ICARUS Volume: 218 Issue: 1 Pages: 125-143 Published: MAR 2012.</p> <p>24. Opposition effect of Trojan asteroidsBy: Sheychenko, V. G.; Belskaya, I. N.; Slyusarev, I. G.; et al.ICARUS Volume: 217 Issue: 1 Pages: 202-208 Published: JAN 2012.</p>
НДІ астрономії	Чорний Василь Григорович	5	<p>1. YORP and yarkovsky effects in asteroids (1685) Toro, (2100) Ra-shalom, (3103) eger, and (161989) cacus Ďurech, J., Vokrouhlický, D., Pravec, P., (...), Vraštil, J., Warner, B.D. 2018 Astronomy and Astrophysics 609,A86.</p> <p>2. Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system Shevchenko, V.G., Belskaya, I.N., Muinonen, K., (...), Gaftonyuk, N.M., Tereschenko, I.A. 2016 Planetary and Space Science 123, c. 101-116.</p> <p>3. Binary asteroid population. 3. Secondary rotations and elongations Pravec, P., Scheirich, P., Kušnirák, P., (...), Haislip, J., LaCluyze, A. 2016 Icarus 267, c. 267-295.</p> <p>4. Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries Pravec, P., Scheirich, P., Vokrouhlický, D., (...), Molotov, I., Marchis, F. 2012 Icarus 218(1), c. 125-143.</p> <p>5. Opposition effect of Trojan asteroids Shevchenko, V.G., Belskaya, I.N., Slyusarev, I.G., (...), Ehgamberdiev, S., Molotov, I.E. 2012 Icarus 217(1), c. 202-208.</p>	<p>5</p> <p>1. YORP and Yarkovsky effects in asteroids (1685) Toro, (2100) Ra-Shalom, (3103) Eger, and (161989) CacusBy: Ďurech, J.; Vokrouhlicky, D.; Pravec, P.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 609 Article Number: A86 Published: JAN 18 2018.</p> <p>2. Asteroid observations at low phase angles. IV. Average parameters for the new H, G(1), G(2) magnitude systemBy: Shevchenko, Vasilij G.; Belskaya, Irina N.; Muinonen, Karri; et al.PLANETARY AND SPACE SCIENCE Volume: 123 Special Issue: SI Pages: 101-116 Published: APR 2016.</p> <p>3. Binary asteroid population. 3. Secondary rotations and elongationsBy: Pravec, P.; Scheirich, P.; Kusnirak, P.; et al.ICARUS Volume: 267 Pages: 267-295 Published: MAR 15 2016.</p> <p>4. Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binariesBy: Pravec, P.; Scheirich, P.; Vokrouhlicky, D.; et al.ICARUS Volume: 218 Issue: 1 Pages: 125-143 Published: MAR 2012.</p> <p>5. Opposition effect of Trojan asteroidsBy: Sheychenko, V. G.; Belskaya, I. N.; Slyusarev, I. G.; et al.ICARUS Volume: 217 Issue: 1 Pages: 202-208 Published: JAN 2012.</p>
НДІ астрономії	Слюсарев Іван Григорович	6	<p>1. Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system Shevchenko, V.G., Belskaya, I.N., Muinonen, K., (...), Gaftonyuk, N.M., Tereschenko, I.A. 2016 Planetary and Space Science 123, c. 101-116.</p> <p>2. The binary near-Earth Asteroid (175706) 1996 FG 3 - An observational</p>	<p>6</p> <p>1. Asteroid observations at low phase angles. IV. Average parameters for the new H, G(1), G(2) magnitude systemBy: Shevchenko, Vasilij G.; Belskaya, Irina N.; Muinonen, Karri; et al.PLANETARY AND SPACE SCIENCE Volume: 123 Special Issue: SI Pages: 101-116 Published: APR 2016.</p> <p>2. The binary near-Earth Asteroid (175706) 1996 FG(3) - An</p>

				<p>constraint on its orbital evolution Scheirich, P., Pravec, P., Jacobson, S.A., (...), Brinsfield, J., Molotov, I.E. 2015 Icarus245, c. 56-63.</p> <p>3. Jupiter's Trojans: Physical properties and origin Slyusarev, I.G., Belskaya, I.N. 2014 Solar System Research 48(2), c. 139-157.</p> <p>4. Revised albedos of Trojan asteroids (911) Agamemnon and (4709) Ennomos Shevchenko, V.G., Slyusarev, I.G., Belskaya, I.N. 2014 Meteoritics and Planetary Science 49(1), c. 103-108.</p> <p>5. Opposition effect of Trojan asteroids Shevchenko, V.G., Belskaya, I.N., Slyusarev, I.G., (...), Ehgamberdiev, S., Molotov, I.E. 2012 Icarus 217(1), c. 202-208.</p> <p>6. Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger-search for the YORP effect Durech, J., Vokrouhlický, D., Baransky, A.R., (...), Viikinkoski, M., Warner, B.D. 2012 Astronomy and Astrophysics 547,A10.</p>		<p>observational constraint on its orbital evolution By: Scheirich, P.; Pravec, P.; Jacobson, S. A.; et al.ICARUS Volume: 245 Pages: 56-63 Published: JAN 1 2015.</p> <p>3. Jupiter's Trojans: Physical Properties and OriginBy: Slyusarev, I. G.; Belskaya, I. N.SOLAR SYSTEM RESEARCH Volume: 48 Issue: 2 Pages: 139-157 Published: MAR 2014.</p> <p>4. Revised albedos of Trojan asteroids (911) Agamemnon and (4709) EnnomosBy: Shevchenko, V. G.; Slyusarev, I. G.; Belskaya, I. N.METEORITICS &amp; PLANETARY SCIENCE Volume: 49 Issue: 1 Pages: 103-108 Published: JAN 2014.</p> <p>5. Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger - search for the YORP effectBy: Durech, J.; Vokrouhlicky, D.; Baransky, A. R.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 547 Article Number: A10 Published: NOV 2012.</p> <p>6. Opposition effect of Trojan asteroidsBy: Sheychenko, V. G.; Belskaya, I. N.; Slyusarev, I. G.; et al.ICARUS Volume: 217 Issue: 1 Pages: 202-208 Published: JAN 2012.</p>
НДІ астрономії		Шевченко Василь Григорович	8	<p>1. A photometric function of planetary surfaces for gourmets. 2018.Icarus302, pp. 213-236.</p> <p>2. YORP and Yarkovsky effects in asteroids (1685) Toro, (2100) Ra-shalom, (3103) eger, and (161989) Cacus. 2018.Astronomy and Astrophysics 609, A86.</p> <p>3. H, G1, G2 photometric phase function extended to low-accuracy data. 2016. Planetary and Space Science 123, pp. 117-125.</p> <p>4. Asteroid observations at low phase angles. IV. Average parameters for the new H, G1, G2 magnitude system. 2016. Planetary and Space Science 123, pp. 101-116.</p> <p>5. Revised albedos of Trojan asteroids (911) Agamemnon and (4709) Ennomos. 2014 Meteoritics and Planetary Science 49(1), pp. 103-108.</p> <p>6. Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries. 2012 Icarus218(1), pp. 125-143.</p> <p>7. Opposition effect of Trojan asteroids. 2012 Icarus 217(1), pp. 202-208.</p> <p>8. Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger-search for the YORP effect. 2012 Astronomy and Astrophysics 547, A10.</p>	7	<p>1. A photometric function of planetary surfaces for gourmetsBy: Shkuratov, Yuriy; Korokhin, Viktor; Shevchenko, Vasilij; et al.ICARUS Volume: 302 Pages: 213-236 Published: MAR 1 2018.</p> <p>2. YORP and Yarkovsky effects in asteroids (1685) Toro, (2100) Ra-Shalom, (3103) Eger, and (161989) CacusBy: Durech, J.; Vokrouhlicky, D.; Pravec, P.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 609 Article Number: A86 Published: JAN 18 2018.</p> <p>3. Asteroid observations at low phase angles. IV. Average parameters for the new H, G(1), G(2) magnitude systemBy: Shevchenko, Vasilij G.; Belskaya, Irina N.; Muinonen, Karri; et al.PLANETARY AND SPACE SCIENCE Volume: 123 Special Issue: SI Pages: 101-116 Published: APR 2016.</p> <p>4. H, G(1), G(2) photometric phase function extended to low-accuracy dataBy: Penttila, A.; Shevchenko, V. G.; Wilkman, O.; et al.PLANETARY AND SPACE SCIENCE Volume: 123 Special Issue: SI Pages: 117-125 Published: APR 2016.</p> <p>5. Revised albedos of Trojan asteroids (911) Agamemnon and (4709) EnnomosBy: Shevchenko, V. G.; Slyusarev, I. G.; Belskaya, I. N.METEORITICS &amp; PLANETARY SCIENCE Volume: 49 Issue: 1 Pages: 103-108 Published: JAN 2014.</p> <p>6. Analysis of the rotation period of asteroids (1865) Cerberus, (2100) Ra-Shalom, and (3103) Eger - search for the YORP effectBy: Durech, J.; Vokrouhlicky, D.; Baransky, A. R.; et al.ASTRONOMY &amp; ASTROPHYSICS Volume: 547 Article Number: A10 Published: NOV 2012.</p> <p>7. Binary asteroid population. 2. Anisotropic distribution of orbit poles of small, inner main-belt binaries By: Pravec, P.; Scheirich, P.; Vokrouhlicky, D.; et al.ICARUS Volume: 218 Issue: 1 Pages: 125-143 Published: MAR 2012.</p>
НДІ астрономії		Федоров Петро Миколайович	6	<p>1. Testing stellar proper motions of TGAS stars using data from the HSOY, UCAC5 and PMA catalogues Fedorov, P.N., Akhmetov, V.S., Velichko, A.B. 2018 Monthly Notices of the Royal Astronomical Society 476(2), c. 2743-2750.</p>	7	<p>1. Testing stellar proper motions of TGAS stars using data from the HSOY, UCAC5 and PMA cataloguesBy: Fedorov, P. N.; Akhmetov, V. S.; Velichko, A. B.MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 476 Issue: 2 Pages: 2743-2750 Published: MAY 2018</p>

				<p>2. The PMA Catalogue as a realization of the extragalactic reference system in optical and near infrared wavelengths Akhmetov, V.S., Fedorov, P.N., Velichko, A.B. 2018 Proceedings of the International Astronomical Union 12(S330), c. 81-82.</p> <p>3. Kinematics of our Galaxy from the PMA and TGAS catalogues Velichko, A.B., Akhmetov, V.S., Fedorov, P.N. 2018 Proceedings of the International Astronomical Union 12(S330), c. 100-103</p> <p>4. The PMA Catalogue: 420 million positions and absolute proper motions Akhmetov, V.S., Fedorov, P.N., Velichko, A.B., Shulga, V.M. 2017 Monthly Notices of the Royal Astronomical Society 469(1), c. 763-773</p> <p>5. The reference frame for the XPM2 Fedorov, P.N., Akhmetov, V.S., Shulga, V.M. 2014 Monthly Notices of the Royal Astronomical Society 440(1), c. 624-630</p> <p>6. Astroinformation resource of the Ukrainian virtual observatory: Joint observational data archive, scientific tasks, and software Vavilova, I.B., Pakulyak, L.K., Shlyapnikov, A.A., (...), Kudashkina, L.S., Epishev, V.P. 2012 Kinematics and Physics of Celestial Bodies28(2), c. 85-102</p>		<p>2. The PMA Catalogue as a realization of the extragalactic reference system in optical and near infrared wavelengthsBy: Akhmetov, Volodymyr S.; Fedorov, Peter N.; Velichko, Anna B.ASTROMETRY AND ASTROPHYSICS IN THE GAIA SKY Book Series: IAU Symposium Proceedings Series Volume: 12 Issue: S330 Pages: 81-82 Published: 2018</p> <p>3. Kinematics of our Galaxy from the PMA and TGAS cataloguesBy: Velichko, Anna B.; Akhmetov, Volodymyr S.; Fedorov, Peter N.ASTROMETRY AND ASTROPHYSICS IN THE GAIA SKY Book Series: IAU Symposium Proceedings Series Volume: 12 Issue: S330 Pages: 100-103 Published: 2018</p> <p>4. The PMA Catalogue: 420 million positions and absolute proper motionsBy: Akhmetov, V. S.; Fedorov, P. N.; Velichko, A. B.; et al.MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 469 Issue: 1 Pages: 763-773 Published: JUL 2017</p> <p>5. THE KINEMATICS OF THE GALAXY BY PROPER MOTIONS OF STARS</p> <p>6. By: Fedorov, P. N.; Akhmetov, V. S.; Velichko, A. B.; et al.SPACE SCIENCE AND TECHNOLOGY-KOSMICNA NAUKA I TEHNOLOGIA Volume: 21 Issue: 6 Pages: 62-67 Published: 2015</p> <p>7. The reference frame for the XPM2By: Fedorov, P. N.; Akhmetov, V. S.; Shulga, V. M.MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 440 Issue: 1 Pages: 624-630 Published: MAY 2014</p> <p>8. Astroinformation resource of the Ukrainian virtual observatory: Joint observational data archive, scientific tasks, and softwareBy: Vavilova, I. B.; Pakulyak, L. K.; Shlyapnikov, A. A.; et al.KINEMATICS AND PHYSICS OF CELESTIAL BODIES Volume: 28 Issue: 2 Pages: 85-102 Published: APR 2012</p>
НДІ біології		Божков Анатолій Іванович	14	<p>1. Klimova, E. M., Bozhkov, A. I., Kovalenko, T. I., Minukhin, V. V., &amp; Belozerv, I. V. (2018). Young and Old Animals Use Different Strategies for Forming an Immune Response to Infectious Agents (<i>Pseudomonas aeruginosa</i> and <i>Escherichia coli</i>). <i>Advances in Gerontology</i>, 8(4), 284-291.</p> <p>2. Kuznetsova, Y. A., Bozhkov, A. I., &amp; Menzyanova, N. G. (2018). Planting density and culture time of wheat seedlings affect their growth rate and exometabolite production. <i>Indian Journal of Plant Physiology</i>, 23(3), 557-563.</p> <p>3. Ielchishcheva, I., Stachowiak, B., Szwengiel, A., &amp; Bozhkov, A. (2017). Growth and carotenogenesis in <i>Rhodosporidium diobovatum</i> IMB Y-5023: effects of culture medium and illumination intensity. <i>FEMS microbiology letters</i>, 365(1), fnx261.</p> <p>4. Bozhkov, A. I., Ohiienko, S. L., Kuznetsova, Y. A., Bondar, A. Y., Marchenko, V. P., &amp; Gumennaya, M. S. (2017). Donor Age Affects Behavior and Sensibility of Bone Marrow Cells to Copper Ions in Primary Culture. <i>Advances in Gerontology</i>, 7(4), 336-344.</p> <p>5. Bozhkov, A. I., Ivanov, E. G., Kuznetsova, Y. A., Ohiienko, S. L., &amp; Bondar, A. Y. (2017). Copper-induced liver fibrosis affects the behavior of bone marrow cells in primary culture. <i>Frontiers in Biology</i>, 12(4), 271-279.</p> <p>6. Bozhkov, A. I., Nikitchenko, Y. V., Klimova, E. M., Linkevych, O. S., Lebid, K. M., Al-Bahadli, A. M. M., &amp; Alsardia, M. M. A. (2017). Young and old rats have different strategies of metabolic adaptation to Cu-induced liver fibrosis. <i>Advances in Gerontology</i>, 7(1), 41-50.</p>	1	Bozhkov, A. I., & Nikitchenko, Y. V. (2014). Thermogenesis and longevity in mammals. Thyroxin model of accelerated aging. <i>Experimental gerontology</i> , 60, 173-182.

				<p>7. Bozhkov, A. I., Menzyanova, N. G., Davydov, V. V., Kurguzova, N. I., Sidorov, V. I., &amp; Vasilieva, A. S. (2016). Liver regeneration is associated with lipid reorganization in membranes of the endoplasmic reticulum. <i>Frontiers in Biology</i>, 11(5), 396-403.</p> <p>8. Bozhkov, A. I., &amp; Nikitchenko, Y. V. (2014). Thermogenesis and longevity in mammals. Thyroxin model of accelerated aging. <i>Experimental gerontology</i>, 60, 173-182.</p> <p>9. Bozhkov, A. I., Sidorov, V. I., Kurguzova, N. I., &amp; Dlubovskaia, V. L. (2014). Metabolic memory enhances hormesis effect to the copper ions in age-depended manner. <i>Advances in gerontology= Uspekhi gerontologii</i>, 27(1), 72-80.</p> <p>10. Bozhkov, A. I., Kurguzova, N. I., Krivoruchko, T. V., Mikhailets, A. O., Danladi, S. D., Bozhkov, A. A., &amp; Girich, M. S. (2014). A cyclic feeding regime: A new model in experimental gerontology. <i>Advances in Gerontology</i>, 4(4), 252-259.</p> <p>11. Bozhkov, A. I., Kuznetsova, Y. A., Menzyanova, N. G., &amp; Kovaleva, M. K. (2013). The Role of Root Border Cells in the Formation of a Root-Microenvironment System in Wheat Seedlings. <i>FROM SEED GERMINATION</i>, 75.</p> <p>12. Bozhkov, A. I., Sysenko, E. I., Menzyanova, N. G., &amp; Kizilova, V. Y. (2013). Dynamics of Functional Epigenotypes of <i>Dunaliella viridis</i> Teodor.(Chlorophyta) in Enrichment and Quasi-Continuous Culture. <i>International Journal on Algae</i>, 15(4).</p> <p>13. Rostama, S., Bozhkov, A. I., &amp; Goltvyanskiy, A. V. (2012). The Effect of Copper, Lead, and Cadmium Ions on Induced Aggregation in Cells of <i>Dunaliella viridis</i> (Teodor.)(Chlorophyta). <i>International Journal on Algae</i>, 14(2).</p> <p>14. Kovaleva, M. K., Menzyanova, N. G., Jain, A., Yadav, A., Flora, S., &amp; Bozhkov, A. I. (2012). Effect of hormesis in <i>Dunaliella viridis</i> Teodor.(Chlorophyta) under the influence of copper sulfate. <i>International Journal on Algae</i>, 14(1).</p>		
НДІ біології		Кузнецова Юлія Олександрівна	5	<p>1. Kuznetsova, Y. A., Bozhkov, A. I., &amp; Menzyanova, N. G. (2018). Planting density and culture time of wheat seedlings affect their growth rate and exometabolite production. <i>Indian Journal of Plant Physiology</i>, 23(3), 557-563.</p> <p>2. Bozhkov, A. I., Ohiienko, S. L., Kuznetsova, Y. A., Bondar, A. Y., Marchenko, V. P., &amp; Gumennaya, M. S. (2017). Donor Age Affects Behavior and Sensibility of Bone Marrow Cells to Copper Ions in Primary Culture. <i>Advances in Gerontology</i>, 7(4), 336-344.</p> <p>3. Bozhkov, A. I., Ivanov, E. G., Kuznetsova, Y. A., Ohiienko, S. L., &amp; Bondar, A. Y. (2017). Copper-induced liver fibrosis affects the behavior of bone marrow cells in primary culture. <i>Frontiers in Biology</i>, 12(4), 271-279.</p> <p>4. Bozhkov, A. I., Ohiienko, S. L., Kuznetsova, Y. A., Marchenko, V. P., &amp; Gumennaya, M. S. (2017). Donor age affects on the «behavior» and the sensibility bone marrow cells in on copper ion of the primary culture. <i>Advances in gerontology= Uspekhi gerontologii</i>, 30(3), 457-467.</p> <p>5. Bozhkov, A. I., Kuznetsova, Y. A., Menzyanova, N. G., &amp; Kovaleva, M. K. (2013). The Role of Root Border Cells in the Formation of a Root-Microenvironment System in Wheat Seedlings. <i>FROM SEED GERMINATION</i>, 75.</p>	–	–

НДІ хімії	Фізичної хімії і електрохімії розчинів	Цурко Олена Миколаївна	7	<ol style="list-style-type: none"> <li>1. Thermodynamic Properties of l-Aspartates of Alkali and Alkali-Earth Metals in Aqueous Solutions at 298.15 and 310.15 K and Specific Cation Effects on Biomolecule Solvation Tsurko, E.N., Neueder, R., Kunz, W. 2018 Journal of Solution Chemistry 47(4), c. 727-748</li> <li>2. Cation Effect on the Water Activity of Ternary (S)-Aminobutanedioic Acid Magnesium Salt Solutions at 298.15 and 310.15 K Held, C., Tsurko, E.N., Neueder, R., Sadowski, G., Kunz, W. 2016 Journal of Chemical and Engineering Data 61(9), c. 3190-3199</li> <li>3. Osmotic Coefficients of Two Amino Acid Magnesium Salts at 298.15 and 310.15 K Tsurko, E.N., Neueder, R., Kunz, W. 2016 Journal of Solution Chemistry 45(2), c. 313-324</li> <li>4. Anion effect on glutamate solutions at 298.15 and 310.15 K as deduced from vapor pressure measurements Tsurko, E.N., Neueder, R., Kunz, W. 2015 Journal of Molecular Liquids 205, c. 119-122</li> <li>5. Thermodynamic Analysis of Dissociation Functions of Valine at 293.15-318.15 K in Ethanol-Water Mixtures Tsurko, E.N. 2014 Journal of Solution Chemistry 43(8), c. 1313-1330</li> <li>6. Thermodynamics of the dissociation processes of beta-alanine in ethanol-water mixtures at temperatures from 293.15 K to 318.15 K Tsurko, E.N., Kuchtenko, Y.S. 2014 Journal of Molecular Liquids 189, c. 95-99</li> <li>7. Activity of water and osmotic coefficients for two- and three-basic amino acid ternary solutions Tsurko, E.N., Neueder, R., Kunz, W. 2012 Journal of Chemical and Engineering Data 57(11), c. 3123-3127</li> </ol>	8	<ol style="list-style-type: none"> <li>1. Thermodynamic Properties of L-Aspartates of Alkali and Alkali-Earth Metals in Aqueous Solutions at 298.15 and 310.15 K and Specific Cation Effects on Biomolecule Solvation Автор.: Tsurko, Elena N.; Neueder, Roland; Kunz, Werner JOURNAL OF SOLUTION CHEMISTRY Том: 47 Выпуск: 4 Стр.: 727-748 Опубликовано: APR 2018</li> <li>2. Cation Effect on the Water Activity of Ternary (S)-Aminobutanedioic Acid Magnesium Salt Solutions at 298.15 and 310.15 K Автор.: Held, Christoph; Tsurko, Elena N.; Neueder, Roland; с соавторами. JOURNAL OF CHEMICAL AND ENGINEERING DATA Том: 61 Выпуск: 9 Стр.: 3190-3199 Опубликовано: SEP 2016</li> <li>3. Osmotic Coefficients of Two Amino Acid Magnesium Salts at 298.15 and 310.15 K Автор.: Tsurko, Elena N.; Neueder, Roland; Kunz, Werner JOURNAL OF SOLUTION CHEMISTRY Том: 45 Выпуск: 2 Стр.: 313-324 Опубликовано: FEB 2016</li> <li>4. Anion effect on glutamate solutions at 298.15 and 310.15 K as deduced from vapor pressure measurements Автор.: Tsurko, Elena N.; Neueder, Roland; Kunz, Werner JOURNAL OF MOLECULAR LIQUIDS Том: 205 Специальный выпуск: SI Стр.: 119-122 Опубликовано: MAY 2015</li> <li>5. Osmotic Coefficients and Activity Coefficients in Aqueous Aminoethanoic Acid-NaCl Mixtures at 298.15 K Автор.: Tsurko, Elena N.; Neueder, Roland; Mueller, Rainer; с соавторами. JOURNAL OF CHEMICAL AND ENGINEERING DATA Том: 59 Выпуск: 9 Стр.: 2741-2749 Опубликовано: SEP 2014</li> <li>6. Thermodynamic Analysis of Dissociation Functions of Valine at 293.15-318.15 K in Ethanol-Water Mixtures Автор.: Tsurko, E. N. JOURNAL OF SOLUTION CHEMISTRY Том: 43 Выпуск: 8 Стр.: 1313-1330 Опубликовано: AUG 2014</li> <li>7. Thermodynamics of the dissociation processes of beta-alanine in ethanol-water mixtures at temperatures from 293.15 K to 318.15 K Автор.: Tsurko, E. N.; Kuchtenko, Yu. S. JOURNAL OF MOLECULAR LIQUIDS Том: 189 Специальный выпуск: SI Стр.: 95-99 Опубликовано: JAN 2014</li> <li>8. Activity of Water and Osmotic Coefficients for Two- and Three-Basic Amino Acid Ternary Solutions Автор.: Tsurko, Elena N.; Neueder, Roland; Kunz, Werner JOURNAL OF CHEMICAL AND ENGINEERING DATA Том: 57 Выпуск: 11 Стр.: 3123-3127 Опубликовано: NOV 2012</li> </ol>
Радіофізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Катрич Віктор Олександрович	92	<ol style="list-style-type: none"> <li>1. Akhmedov, R., Dumin, O. &amp; Katrich, V. 2018, "Impulse radiation of antenna with circular aperture", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 77, no. 20, pp. 1767-1784.</li> <li>2. Antonenko, E.A., Katrych, V.A., Mustetsov, N.P. &amp; Karpov, A.I. 2012, "Pulse wave registration method by the instrumentality of microstrip resonators", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 952.</li> <li>3. Antonenko, Y.A., Katrich, V.A. &amp; Karpov, A.I. 2013, "The microstrip resonator for measurement of dielectric constant", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 37.</li> <li>4. Berdnik, S.L., Blinova, N.K., Katrich, V.A., Nesterenko, M.V. &amp; Penkin,</li> </ol>	55	<ol style="list-style-type: none"> <li>1. Penkin, Yuriy; Katrich, Victor; Nesterenko, Mikhail; Berdnik, Sergey Combined Wide-Angle Scanning by a Two-Dimensional Dipole Array // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.300-303.</li> <li>2. Yeliseyeva, Nadezhda; Berdnik, Sergey; Katrich, Victor; Pshenichnaya, Svetlana Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.331-335.</li> <li>3. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Dmitry Yu Surface Impedance of Thin Graphite Films at Microwave Frequencies // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2018, 72 (), pp.41-47.</li> </ol>

			<p>Y.M. 2015, "Spherical antenna with a Clavin radiator", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 75.</p> <p>5. Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V. &amp; Penkin, Y.M. 2017, "T-junction of rectangular waveguides with monopole-slot coupling structure and elements coated by a metamaterial", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 123.</p> <p>6. Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "Power characteristics of a T-junction of Rectangular waveguides with a multi-element monopole-slotted coupling structure", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 75, no. 6, pp. 489-506.</p> <p>7. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kiyko, V.I. 2012, "System of impedance vibrators in free space", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 53.</p> <p>8. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, D.Y. &amp; Pshenichnaya, S.V. 2012, "Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 195.</p> <p>9. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2017, "Waveguide T-junctions with resonant coupling between sections of different dimensions", International Journal of Microwave and Wireless Technologies, vol. 9, no. 5, pp. 1059-1065.</p> <p>10. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "Electromagnetic waves radiation by a vibrators system with variable surface impedance", Progress In Electromagnetics Research M, vol. 51, pp. 157-163.</p> <p>11. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "E-plane T-junctions of rectangular waveguides with vibrator-slot coupling between arms of different dimensions", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 68.</p> <p>12. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "E-plane t-junction of rectangular waveguides with vibrator-slot coupling between arms", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 74, no. 14, pp. 1225-1240.</p> <p>13. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2013, "Spherical antenna excited by a slot in an impedance end-wall of a rectangular waveguide", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 111.</p> <p>14. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Penkin, D.Y. 2015, "Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide", IEEE Transactions on Antennas and Propagation, vol. 63, no. 9, pp. 4256-4259.</p> <p>15. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Pshenichnaya, S.V. 2015, "Clavin element with impedance monopoles", Proceedings of International Seminar/Workshop on Direct and Inverse Problems</p>	<p>4. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L. Coupling of Two Rectangular Waveguides Through a Slot with an Impedance Membrane // 2018 IEEE 17TH INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2018, pp.140-143.</p> <p>5. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V.; Berdnik, Sergey L. Analytical Solution of Impedance Synthesis Problem for a 2D Array of Thin Vibrators // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2018, 65 (), pp.43-49.</p> <p>6. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V. Formation of Radiation Fields of Linear Vibrator Arrays by Using Impedance Synthesis // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2017, 57 (), pp.1-10.</p> <p>7. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M. Waveguide T-junctions with resonant coupling between sections of different dimensions // INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, 2017, 9 (5), pp.1059-1065.</p> <p>8. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V.; Blinova, Natalia K. Effect of Surface Impedance on Radiation Fields of Spherical Antennas // PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS, 2017, 71 (), pp.83-89.</p> <p>9. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L.; Blinova, N. K. Radiation Field of a Dipole Placed at Impedance Sphere // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.29-32.</p> <p>10. Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V.; Gorobets, A. N. Synthesis of Circularly Polarized Radiation by Inphase Crossed Impedance Wire Dipoles with Screen // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.98-101.</p> <p>11. Yeliseyeva, N. P.; Gorobets, A. N.; Katrich, V. A.; Pshenichnaya, S. V. Directional and Polarization Characteristics of Crossed Impedance Wire Dipoles with Square Screen // 2017 SECOND INTERNATIONAL CONFERENCE ON INFORMATION AND TELECOMMUNICATION TECHNOLOGIES AND RADIO ELECTRONICS (UKRMICO), 2017, pp.-.</p> <p>12. Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V. Resonant Characteristics of Impedance Monopole Placed on Flat Infinite Metal Screen // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.42-46.</p> <p>13. Berdnik, S. L.; Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V. Diffraction Radiation of a Slot into a Space over an Impedance Screen // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.64-67.</p> <p>14. Berdnik, S. L.; Katrich, V. A.; Kiyko, V. I.; Nesterenko, M. V.; Penkin, Yu. M. T-junction of Rectangular Waveguides with Monopole-Slot Coupling Structure and Elements Coated by a Metamaterial // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY</p>
--	--	--	---	--

			<p>of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 61.</p> <p>16. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "Waveguide E-plane T-junction with resonance coupling between shoulders", 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings.</p> <p>17. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Pshenichnaya, S.V. 2016, "Yagi-Uda antennas with impedance wires", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 403.</p> <p>18. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 45.</p> <p>19. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2012, "Multimode excitation of waveguide-slot leaky-wave radiator", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 483.</p> <p>20. Berdnik, S.L., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere", Progress In Electromagnetics Research M, vol. 34, pp. 89-97.</p> <p>21. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Blinova, N.K. 2014, "Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide", CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 491.</p> <p>22. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Kijko, V.I. 2013, "Electromagnetic waves radiation into the space over a sphere by a slot in the end-wall of a semi-infinite rectangular waveguide", Progress In Electromagnetics Research B, , no. 46, pp. 139-158.</p> <p>23. Berdnik, S.L., Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Diffraction radiation of a slot into a space over an impedance screen", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 64.</p> <p>24. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Resonant slot spherical antenna", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 610.</p> <p>25. Bulgakova, A.A., Gorobets, N.N., Katrich, V.A. &amp; Lyashchenko, V.A. 2016, "Directivity of large antenna arrays", 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016.</p> <p>26. Chernov, A.I., Dumin, O.M., Miroshnik, D.B., Shckorbatov, Y.G., Katrich, V.A. &amp; Kolchigin, N.N. 2015, "Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 162.</p> <p>27. Dakhov, V.M., Katrich, V.A. &amp; Berdnik, S.L. 2012, "Optimization of</p>	<p>(DIPED), 2017, pp.123-127.</p> <p>15. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V.; Olefir, A. V. Electromagnetic Near-Field of Arc Slot, Cut in Coaxial Line Shield // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.157-161.</p> <p>16. Gomozov, A. V.; Gretsikh, D. V.; Katrich, V. A.; Nesterenko, M. V. Functional Neutralization of Small-size UAVs by Focused Electromagnetic Radiation // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.187-189.</p> <p>17. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L.; Pshenichnaya, S. V. Radiation Fields of a Radial Dipole Located on a Metal Sphere Coated by a Layer of Metamaterial // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.92-95.</p> <p>18. Gorobets, A. N.; Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V. Optimization of Circularly Polarized Radiation of In-phase Crossed Impedance Dipoles with Screen // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.270-272.</p> <p>19. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Directional and Polarization Radiation Characteristics of a Horizontal Impedance Vibrator Located above a Rectangular Screen // JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, 2016, 61 (2), pp.99-111.</p> <p>20. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V. Development of Fundamental Theory of Thin Impedance Vibrators // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 45 (), pp.185-193.</p> <p>21. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M. Electromagnetic Waves Radiation by a Vibrators System with Variable Surface Impedance // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 51 (), pp.157-163.</p> <p>22. Yatsuk, Ludmila P.; Lyakhovsky, Anatoly F.; Katrich, Victor A.; Lyakhovsky, Andrey A. Coupling of Two Rectangular Waveguides through a Diaphragm with a Dielectric Slab in the Slot // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 49 (), pp.9-19.</p> <p>23. Nesterenko, M. V.; Katrich, V. A.; Yatsuk, L. P.; Blinova, N. K.; Penkin, Yu. M.; Dakhov, V. M. Directional Characteristics of an Antenna Array of Monopoles on a Perfectly Conducting Sphere // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.388-391.</p> <p>24. Dumin, O. M.; Plakhtii, V. A.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. Radiation of Two Small Impulse Current Radiators // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.81-84.</p> <p>25. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Influence of a Dielectric Insert on Energy Characteristics of a Cruciform Waveguide Junction // 2016 XXIST INTERNATIONAL</p>
--	--	--	---	--

			<p>irregular antenna arrays taking into account mutual coupling of radiators", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 457.</p> <p>28. Dakhov, V.M., Katrich, V.A. &amp; Berdnik, S.L. 2012, "Optimization of the radiation pattern of regular antenna arrays with taking into account mutual coupling between radiators", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 164.</p> <p>29. Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V. &amp; Penkin, D.Y. 2015, "Radiation fields of radial monopole array mounted on a perfectly conducting sphere", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPEd, pp. 66.</p> <p>30. Dumin, O., Akhmedov, R., Katrich, V. &amp; Dumina, O. 2017, "Transient radiation of circle with uniform current distribution", 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, pp. 261.</p> <p>31. Dumin, O., Koltunov, Y., Dumina, O. &amp; Katrich, V. 2012, "Statistical approach to the recognition and classification for remote sensing", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 336.</p> <p>32. Dumin, O.M., Akhmedov, R.D., Katrich, V.A. &amp; Dumina, O.O. 2016, "Propagation of transient field radiated from plane disk in nonlinear medium", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 77.</p> <p>33. Dumin, O.M., Katrich, V.A., Akhmedov, R.D., Tretyakov, O.A. &amp; Dumina, O.O. 2014, "Evolutionary approach for the problems of transient electromagnetic field propagation in nonlinear medium", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 57.</p> <p>34. Dumin, O.M., Katrich, V.A. &amp; Koltunov, Y.A. 2013, "Method and RIKDEDIN software package for interpretation of remote sensing data", Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, pp. 346.</p> <p>35. Dumin, O.M., Katrich, V.A., Koltunov, Y.A. &amp; Neroda, I.V. 2013, "Numerical methods of structure-statistical object classification for remote sensing", 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, pp. 426.</p> <p>36. Dumin, O.M., Plakhtii, V.A., Katrich, V.A., Dumina, O.O. &amp; Volvach, I.S. 2016, "Radiation of two small impulse current radiators", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 81.</p> <p>37. Dumin, O.M., Shckorbatov, Y.G., Chernov, A.I. &amp; Katrich, V.A. 2015, "Calculation of experimental apparatus for biological object irradiation by impulse electromagnetic field", 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings.</p> <p>38. Gomozov, A.V., Gretsikh, D.V., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Functional neutralization of small-size UAVs by focused electromagnetic</p>	<p>SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPEd), 2016, pp.42-45.</p> <p>26. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Resonant Phenomena at Diffraction of Tilted Impedance Dipole Field on Finite Size Screen // 2016 XXIST INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPEd), 2016, pp.49-53.</p> <p>27. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Formation of Circularly Polarized Wave by Impedance Wire Dipole Located over Square Screen // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.396-399.</p> <p>28. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. Coaxial-slot Antenna Array With Different Lengths of Radiators // 2016 INTERNATIONAL CONFERENCE RADIO ELECTRONICS &amp; INFO COMMUNICATIONS (UKRMICO), 2016, pp.-.</p> <p>29. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V. Alternative Representation of Green's Function for Electric Field on Surfaces of Thin Vibrators // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 52 ( ), pp.169-179.</p> <p>30. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. E-Plane T-Junctions of Rectangular Waveguides with Vibrator-Slot Coupling between Arms of Different Dimensions // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.68-72.</p> <p>31. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Pshenichnaya, S. V. Energy Characteristics of a T-Shaped Waveguide Junction with a Dielectric Insert // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.73-76.</p> <p>32. Dumin, O. M.; Akhmedov, R. D.; Katrich, V. A.; Dumina, O. O. PROPAGATION OF TRANSIENT FIELD RADIATED FROM PLANE DISK IN NONLINEAR MEDIUM // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.77-80.</p> <p>33. Kozheshkurt, V. A.; Katrich, V. A. Determining the Depth of the Temperature Anomalies in Biological Tissue // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.171-174.</p> <p>34. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Polarization of Wave Formed by Impedance Wire Dipole with Screen depending on Screen Sizes // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.213-216.</p> <p>35. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. Electrodynamic Characteristics of Multielement Coaxial-Slot Antenna // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.221-224.</p>
--	--	--	--	---



			<p>radiation", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 187.</p> <p>39. Gorobets, A.N., Yeliseyeva, N.P., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Optimization of circularly polarized radiation of in-phase crossed impedance dipoles with screen", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 270.</p> <p>40. Gretsikh, D.V., Gomozov, A.V., Katrich, V.A., Luchaninov, A.I., Nesterenko, M.V. &amp; Penkin, Y.M. 2017, "Mathematical model of large rectenna arrays for wireless energy transfer", Progress In Electromagnetics Research B, vol. 74, no. 1, pp. 77-91.</p> <p>41. Gretsikh, D.V., Luchaninov, A.I., Vishniakova, J.V., Katrich, V.A. &amp; Nesterenko, M.V. 2018, "Electrodynamic Model of a Wireless Power Transmission System", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 80.</p> <p>42. Katrich, V.A., Lyashchenko, V.A. &amp; Medvedev, N.V. 2016, "Coaxial-slot antenna array with different lengths of radiators", 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings.</p> <p>43. Katrich, V.A., Lyashchenko, V.A. &amp; Medvedev, N.V. 2016, "Electrodynamic characteristics of multielement coaxial-slot antenna", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 221.</p> <p>44. Katrich, V.A., Lyashchenko, V.A. &amp; Medvedev, N.V. 2015, "Energy characteristics of the slot system in the screen of coaxial line with controlled termination", 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings.</p> <p>45. Katrich, V.A., Lyashchenko, V.A. &amp; Medvedev, N.V. 2013, "The frequency-energy and spatial characteristics of the coaxial-slot array", 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, pp. 148.</p> <p>46. Katrich, V.A., Lyashchenko, V.A. &amp; Medvedev, N.V. 2012, "Radiation from the transverse slot cut in a coaxial line in the lossy material medium", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 78.</p> <p>47. Katrich, V.A., Lyashchenko, V.A. &amp; Medvedev, N.V. 2012, "Slot radiator in the semi-infinite coaxial line", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 495.</p> <p>48. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. &amp; Olefir, A.V. 2017, "Electromagnetic near-field of arc slot, cut in coaxial line shield", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 157.</p> <p>49. Katrych, V., Mustetsov, M. &amp; Kozheshkurt, V. 2017, "Improvement of the model of temperature distribution and registration of native radiation of biological objects", Eastern-European Journal of Enterprise Technologies, vol. 4, no. 5-88, pp. 10-16.</p>	<p>36. Bulgakova, A. A.; Gorobets, N. N.; Katrich, V. A.; Lyaschenko, V. A. Directivity of Large Antenna Arrays // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>37. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Waveguide Junction with Controllable Power Division // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>38. Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O. Field Regions of Impulse Current Radiator of Small Size // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>39. Yatsuk, L. P.; Lyakhovskiy, A. F.; Katrich, V. A.; Lyakhovskiy, A. A. Waveguide-Slot Coupling Element Partially Filled with Dielectric // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>40. Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. Energy Transformation of Transient Field of Herzian Dipole // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.314-317.</p> <p>41. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M.; Pshenichnaya, S. V. Yagi-Uda Antennas with Impedance Wires // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.403-406.</p> <p>42. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M.; Penkin, Dmitriy Yu. Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide // IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, 2015, 63 (9), pp.4256-4259.</p> <p>43. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. WAVEGUIDE E-PLANE T-JUNCTION WITH RESONANCE COUPLING BETWEEN SHOULDERS // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>44. Dumin, O. M.; Shckorbatov, Y. G.; Chernov, A. I.; Katrich, V. A. CALCULATION OF EXPERIMENTAL APPARATUS FOR BIOLOGICAL OBJECT IRRADIATION BY IMPULSE ELECTROMAGNETIC FIELD // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>45. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. ENERGY CHARACTERISTICS OF THE SLOT SYSTEM IN THE SCREEN OF COAXIAL LINE WITH CONTROLLED TERMINATION // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>46. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M.; Pshenichnaya, S. V. Clavin Element with Impedance Monopoles // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND</p>
--	--	--	---	--

			<p>50. Koltunov, Y.A., Dumin, O.M., Katrich, V.A. &amp; Dumina, O.A. 2012, "Calculation of fisher information matrix and its application in methods of recognition and classification for remote sensing of earth", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 278.</p> <p>51. Kozheshkurt, V.A. &amp; Katrich, V.A. 2016, "Determining the depth of the temperature anomalies in biological tissue", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 171.</p> <p>52. Lyakhovsky, A., Katrich, V., Dumin, O., Yatsuk, L. &amp; Lyakhovsky, A. 2018, "Electromagnetic Wave Scattering on Longitudinal Slot with Layered Medium in Rectangular Waveguide", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 226.</p> <p>53. Nesterenko, M.V., Katrich, V.A., Penkin, D.Y., Berdnik, S.L. &amp; Kijko, V.I. 2012, "Electromagnetic waves scattering and radiation by vibrator-slot structure in a rectangular waveguide", Progress In Electromagnetics Research M, vol. 24, pp. 69-84.</p> <p>54. Nesterenko, M.V., Katrich, V.A., Penkin, Y.M., Berdnik, S.L. &amp; Kijko, V.I. 2012, "Combined vibrator-slot structures in electrodynamic volumes", Progress In Electromagnetics Research B, , no. 37, pp. 237-256.</p> <p>55. Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P., Blinova, N.K., Penkin, Y.M. &amp; Dakhov, V.M. 2016, "Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 388.</p> <p>56. Penkin, D.Y., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kijko, V.I. 2013, "Electromagnetic fields excitation by a multielement vibrator-slot structures in coupled electrodynamic volumes", Progress In Electromagnetics Research B, , no. 49, pp. 235-252.</p> <p>57. Penkin, D.Y., Katrich, V.A., Dakhov, V.M., Nesterenko, M.V. &amp; Berdnik, S.L. 2013, "Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere", 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, pp. 123.</p> <p>58. Penkin, D.Y., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M. &amp; Berdnik, S.L. 2015, "Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere", Progress In Electromagnetics Research B, vol. 62, no. 1, pp. 137-151.</p> <p>59. Penkin, D.Y., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kijko, V.I. 2013, "Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 708.</p> <p>60. Penkin, Y., Katrich, V., Nesterenko, M. &amp; Berdnik, S. 2018, "Combined Wide-Angle Scanning by a Two-Dimensional Dipole Array", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 300.</p> <p>61. Penkin, Y.M., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Influence of a dielectric insert on energy characteristics of a cruciform waveguide junction", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 42.</p>	<p>INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.61-65.</p> <p>47. Dakhov, V. M.; Katrich, V. A.; Berdnik, S. L.; Nesterenko, M. V.; Penkin, D. Yu. Radiation Fields of Radial Monopole Array Mounted on a Perfectly Conducting Sphere // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.66-70.</p> <p>48. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Directive Gain of Horizontal Impedance Vibrator Located over Finite-Size Perfectly Conducting Screen // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.71-74.</p> <p>49. Berdnik, S. L.; Blinova, N. K.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. Spherical Antenna with a Clavin Radiator // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.75-77.</p> <p>50. Chernov, A. I.; Dumin, O. M.; Miroshnik, D. B.; Shckorbatov, Y. G.; Katrich, V. A.; Kolchigin, N. N. Numerical Simulation and Experimental Investigation of Human Cell Irradiation by Impulse Electromagnetic Field // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.162-164.</p> <p>51. Dumin, O. M.; Katrich, V. A.; Akhmedov, R. D.; Tretyakov, O. A.; Dumina, O. O. Evolutionary Approach for the Problems of Transient Electromagnetic Field Propagation in Nonlinear Medium // 2014 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2014, pp.57-60.</p> <p>52. Berdnik, S. L.; Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Blinova, N. K. SPHERICAL ANTENNA EXCITED BY A SLOT IN AN IMPEDANCE END-WALL WITH LOSSES OF A RECTANGULAR WAVEGUIDE // 2014 24TH INTERNATIONAL CRIMEAN CONFERENCE MICROWAVE &amp; TELECOMMUNICATION TECHNOLOGY (CRIMICO), 2014, pp.491-492.</p> <p>53. Yatsuk, L. P.; Lyakhovsky, A. F.; Katrich, V. A. THE PHYSICAL PROPERTIES OF THE RESONANT DIAPHRAGM IN A RECTANGULAR WAVEGUIDE WITH A SLOT PARTIALLY FILLED WITH A DIELECTRIC // 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2013, pp.450-452.</p> <p>54. Dumin, O. M.; Katrich, V. A.; Koltunov, Y. A. METHOD AND RIKDEDIN SOFTWARE PACKAGE FOR INTERPRETATION OF REMOTE SENSING DATA // 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2013, pp.346-348.</p> <p>55. Dumin, O.; Koltunov, Y.; Dumina, O.; Katrich, V. STATISTICAL APPROACH TO THE RECOGNITION AND CLASSIFICATION FOR REMOTE SENSING // 2012 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET),</p>
--	--	--	---	--

			<p>62. Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Formation of radiation fields of linear vibrator arrays by using impedance synthesis", Progress In Electromagnetics Research M, vol. 57, pp. 1-10.</p> <p>63. Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Alternative representation of green's function for electric field on surfaces of thin vibrators", Progress In Electromagnetics Research M, vol. 52, pp. 169-179.</p> <p>64. Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Development of fundamental theory of thin impedance vibrators", Progress In Electromagnetics Research M, vol. 45, pp. 185-193.</p> <p>65. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Analytical solution of impedance synthesis problem for a 2D array of thin vibrators", Progress In Electromagnetics Research M, vol. 65, pp. 43-49.</p> <p>66. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Dual-Symmetric Form of Integral Equations for Antenna Currents", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 55.</p> <p>67. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L. &amp; Blinova, N.K. 2017, "Radiation field of a dipole placed at impedance sphere", 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, pp. 29.</p> <p>68. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Blinova, N.K. 2017, "Effect of surface impedance on radiation fields of spherical antennas", Progress in Electromagnetics Research Letters, vol. 71, pp. 83-89.</p> <p>69. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, D.Y. 2018, "Surface impedance of thin graphite films at microwave frequencies", Progress In Electromagnetics Research M, vol. 72, pp. 41-47.</p> <p>70. Penkin, Y.M., Katrich, V.A., Penkin, D.Y. &amp; Nesterenko, M.V. 2018, "Concept of experimental simulator for studying longitudinal magnetic wave propagation in dielectric samples", Progress in Electromagnetics Research Letters, vol. 79, pp. 109-113.</p> <p>71. Penkin, Y.M., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Waveguide junction with controllable power division", 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016.</p> <p>72. Penkin, Y.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2016, "Energy characteristics of a T-Shaped Waveguide junction with a dielectric insert", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 73.</p> <p>73. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Coupling of Two Rectangular Waveguides Through a Slot with an Impedance Membrane", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 140.</p> <p>74. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L. &amp; Pshenichnaya, S.V. 2017, "Radiation fields of a radial dipole located on a metal sphere coated by a layer of metamaterial", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 92.</p> <p>75. Plakhtii, V.A., Dumin, O.M., Katrich, V.A. &amp; Dumina, O.O. 2016, "Field regions of impulse current radiator of small size", 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and</p>	2012, pp.336-339.
--	--	--	--	-------------------

			<p>Submillimeter Waves, MSMW 2016.</p> <p>76. Plakhtii, V.A., Dumin, O.M., Katrich, V.A., Dumina, O.O. &amp; Volvach, I.S. 2016, "Energy transformation of transient field of Herizian dipole", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 314.</p> <p>77. Shckorbatov, Y.G., Katrich, V.A., Pasiuga, V.A. &amp; Rudenko, A.O. 2013, "Cell response to electromagnetic field: Nuclear and membrane mechanisms" in Cell Response to Electromagnetic Field: Nuclear and Membrane Mechanisms, pp. 1-131.</p> <p>78. Yatsuk, L.P., Lyakhovsky, A.F. &amp; Katrich, V.A. 2013, "The physical properties of the resonant diaphragm in a rectangular waveguide with a slot partially filled with a dielectric", Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, pp. 450.</p> <p>79. Yatsuk, L.P., Lyakhovsky, A.F., Katrich, V.A. &amp; Lyakhovsky, A.A. 2016, "Coupling of two rectangular waveguides through a diaphragm with a dielectric slab in the slot", Progress In Electromagnetics Research M, vol. 49, pp. 9-19.</p> <p>80. Yatsuk, L.P., Lyakhovsky, A.F., Katrich, V.A. &amp; Lyakhovsky, A.A. 2016, "Waveguide-slot coupling element partially filled with dielectric", 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016.</p> <p>81. Yeliseyeva, N., Berdnik, S., Katrich, V. &amp; Pshenichnaya, S. 2018, "Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 331.</p> <p>82. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Directional and polarization radiation characteristics of a horizontal impedance vibrator located above a rectangular screen", Journal of Communications Technology and Electronics, vol. 61, no. 2, pp. 99-111.</p> <p>83. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Formation of circularly polarized wave by impedance wire dipole located over square screen", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 396.</p> <p>84. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Polarization of wave formed by impedance wire dipole with screen depending on screen sizes", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 213.</p> <p>85. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Resonant phenomena at diffraction of tilted impedance dipole field on finite size screen", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 49.</p> <p>86. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2015, "Directive gain of horizontal impedance vibrator located over finite-size perfectly conducting screen", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 71.</p> <p>87. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2015, "Electrodynamics characteristics of horizontal impedance vibrator located over a finite-dimensional perfectly conducting screen", Progress In Electromagnetics</p>		
--	--	--	--	--	--

				<p>Research B, vol. 63, no. 1, pp. 275-288.</p> <p>88. Yeliseyeva, N.P., Gorobets, A.N., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Radiation fields of a system of two impedance crossed vibrators excited in-phase and placed over a rectangular screen", Progress In Electromagnetics Research B, vol. 77, no. 1.</p> <p>89. Yeliseyeva, N.P., Gorobets, A.N., Katrich, V.A. &amp; Pshenichnaya, S.V. 2017, "Directional and polarization characteristics of crossed impedance wire dipoles with square screen", 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings.</p> <p>90. Yeliseyeva, N.P., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Resonant characteristics of impedance monopole placed on flat infinite metal screen", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 42.</p> <p>91. Yeliseyeva, N.P., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Characteristics of Resonant Impedance Dipole Placed Inside Dihedral Corner Reflector", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 60.</p> <p>92. Yeliseyeva, N.P., Katrich, V.A., Nesterenko, M.V. &amp; Gorobets, A.N. 2017, "Synthesis of circularly polarized radiation by inphase crossed impedance wire dipoles with screen", 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, pp. 98.</p>		
Радіофізики, біомедициної електроніки та комп'ютерних систем	Фізичної і біомедициної електроніки та комплексних інформаційних технологій	Аркуша Юрій Васильович	9	<p>1. Arkusha, Y. V., Storozhenko, I. P., &amp; Yaroshenko, A. N. (2013). Graded-gap Gunn diodes on the base of InBn and GaBn. Paper presented at the CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 145-146.</p> <p>2. Storozhenko, I., Kaydash, M., Yaroshenko, O., &amp; Arkusha, Y. (2018). Wide-band Gunn diodes based on graded-gap InGaP/InP as. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 326-330. doi:10.1109/UWBUSIS.2018.8520161</p> <p>3. Storozhenko, I. P., Arkusha, Y. V., Yaroshenko, A. N., &amp; Kaydash, M. V. (2012). Simulation of graded-gap AlInN Gunn diodes. Paper presented at the CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 169-170.</p> <p>4. Storozhenko, I. P., &amp; Arkusha, Y. V. (2012). Frequency range of Gunn diodes on base of graded-gap semiconductor nitrides. Paper presented at the 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 64-66. doi:10.1109/UWBUSIS.2012.6379733</p> <p>5. Storozhenko, I. P., &amp; Arkusha, Y. V. (2012). Prospects for using Gunn diodes based on GaN, AlN and InN. Telecommunications and Radio Engineering (English Translation of Elektrosyaz and Radiotekhnika), 71(8), 717-727. doi:10.1615/TelecomRadEng.v71.i8.40</p> <p>6. Storozhenko, I. P., Kaydash, M. V., Yaroshenko, A. N., &amp; Arkusha, Y. V. (2016). InBn and GaBn graded gap Gunn diodes at different BN distribution. Paper presented at the 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016,</p>	3	<p>1. Storozhenko, Ihor; Yaroshenko, Oleksandr; Kaydash, Marina; Arkusha, Yuri Wide-band Gunn diodes based on graded-gap InGaP/InPAs // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.326-330.</p> <p>2. Shtoda, Dmytro O.; Arkusha, Yurii V.; Mustetsov, Mykola P. The Microwave Imaging Method for Express Diagnostic of Cancer // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.293-297.</p> <p>3. Storozhenko, I. P.; Yaroshenko, A. N.; Arkusha, Yu., V Numerical Simulations of Transferred-Electron Devices Based on Graded-Gap Semiconductor Nitrides with Boron Nitride for Terahertz Range // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.190-193.</p>

				<p>doi:10.1109/MSMW.2016.7538116</p> <p>7. Storozhenko, I. P., Yaroshenko, A. N., &amp; Arkusha, Y. V. (2014). InBN and GaBN GRADED-GAP Gunn diodes. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i>, 73(16), 1461-1470. doi:10.1615/TelecomRadEng.v73.i16.60</p> <p>8. Storozhenko, I. P., Yaroshenko, A. N., &amp; Arkusha, Y. V. (2016). Numerical simulations of transferred-electron devices based on graded-gap semiconductor nitrides with boron nitride for terahertz range. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 190-193. doi:10.1109/UWBUSIS.2016.7724185</p> <p>9. Yaroshenko, A. N., Storozhenko, I. P., &amp; Arkusha, Y. V. (2012). Space-charge waves in InN-InBN-InN Gunn diodes. Paper presented at the CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 167-168.</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Нестеренко Михайло Васильович	62	<p>1. Berdnik, S.L., Blinova, N.K., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "Spherical antenna with a Clavin radiator", <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i>, pp. 75.</p> <p>2. Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V. &amp; Penkin, Y.M. 2017, "T-junction of rectangular waveguides with monopole-slot coupling structure and elements coated by a metamaterial", <i>2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings</i>, pp. 123.</p> <p>3. Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "Power characteristics of a T-junction of Rectangular waveguides with a multi-element monopole-slotted coupling structure", <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i>, vol. 75, no. 6, pp. 489-506.</p> <p>4. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kiyko, V.I. 2012, "System of impedance vibrators in free space", <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i>, pp. 53.</p> <p>5. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, D.Y. &amp; Pshenichnaya, S.V. 2012, "Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide", <i>2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings</i>, pp. 195.</p> <p>6. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2017, "Waveguide T-junctions with resonant coupling between sections of different dimensions", <i>International Journal of Microwave and Wireless Technologies</i>, vol. 9, no. 5, pp. 1059-1065.</p> <p>7. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "Electromagnetic waves radiation by a vibrators system with variable surface impedance", <i>Progress In Electromagnetics Research M</i>, vol. 51, pp. 157-163.</p> <p>8. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "E-plane T-junctions of rectangular waveguides with vibrator-slot coupling between arms of different dimensions", <i>2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016</i>, pp. 68.</p>	38	<p>1. Penkin, Yuriy; Katrich, Victor; Nesterenko, Mikhail; Berdnik, Sergey Combined Wide-Angle Scanning by a Two-Dimensional Dipole Array // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.300-303.</p> <p>2. Penkin, Yuriy M.; Katrich, Viktor A.; Penkin, Dmitriy Yu; Nesterenko, Mikhail, V Concept of Experimental Simulator for Studying Longitudinal Magnetic Wave Propagation in Dielectric Samples // PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS, 2018, 79 (), pp.109-113.</p> <p>3. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Dmitry Yu Surface Impedance of Thin Graphite Films at Microwave Frequencies // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2018, 72 (), pp.41-47.</p> <p>4. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L. Coupling of Two Rectangular Waveguides Through a Slot with an Impedance Membrane // 2018 IEEE 17TH INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2018, pp.140-143.</p> <p>5. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V.; Berdnik, Sergey L. Analytical Solution of Impedance Synthesis Problem for a 2D Array of Thin Vibrators // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2018, 65 (), pp.43-49.</p> <p>6. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V. Formation of Radiation Fields of Linear Vibrator Arrays by Using Impedance Synthesis // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2017, 57 (), pp.1-10.</p> <p>7. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M. Waveguide T-junctions with resonant coupling between sections of different dimensions // INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, 2017, 9 (5), pp.1059-1065.</p> <p>8. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V.; Blinova, Natalia K. Effect of Surface Impedance on Radiation Fields of Spherical Antennas // PROGRESS IN ELECTROMAGNETICS RESEARCH LETTERS, 2017, 71 (), pp.83-89.</p> <p>9. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L.; Blinova, N. K. Radiation Field of a Dipole Placed at Impedance Sphere // 2017</p>

			<p>9. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "E-plane t-junction of rectangular waveguides with vibrator-slot coupling between arms", <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i>, vol. 74, no. 14, pp. 1225-1240.</p> <p>10. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2013, "Spherical antenna excited by a slot in an impedance end-wall of a rectangular waveguide", <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i>, pp. 111.</p> <p>11. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Penkin, D.Y. 2015, "Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide", <i>IEEE Transactions on Antennas and Propagation</i>, vol. 63, no. 9, pp. 4256-4259.</p> <p>12. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Pshenichnaya, S.V. 2015, "Clavin element with impedance monopoles", <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i>, pp. 61.</p> <p>13. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "Waveguide E-plane T-junction with resonance coupling between shoulders", <i>2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings</i>.</p> <p>14. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Pshenichnaya, S.V. 2016, "Yagi-Uda antennas with impedance wires", <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, pp. 403.</p> <p>15. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide", <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i>, pp. 45.</p> <p>16. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2012, "Multimode excitation of waveguide-slot leaky-wave radiator", <i>CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i>, pp. 483.</p> <p>17. Berdnik, S.L., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere", <i>Progress In Electromagnetics Research M</i>, vol. 34, pp. 89-97.</p> <p>18. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Blinova, N.K. 2014, "Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide", <i>CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings</i>, pp. 491.</p> <p>19. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Kijko, V.I. 2013, "Electromagnetic waves radiation into the space over a sphere by a slot in the end-wall of a semi-infinite rectangular waveguide", <i>Progress In Electromagnetics Research B</i>, no. 46, pp. 139-158.</p> <p>20. Berdnik, S.L., Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Diffraction radiation of a slot into a space over an impedance screen", <i>2017 22nd</i></p>	<p><i>IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON)</i>, 2017, pp.29-32.</p> <p>10. Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V.; Gorobets, A. N. <i>Synthesis of Circularly Polarized Radiation by Inphase Crossed Impedance Wire Dipoles with Screen // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON)</i>, 2017, pp.98-101.</p> <p>11. Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V. <i>Resonant Characteristics of Impedance Monopole Placed on Flat Infinite Metal Screen // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED)</i>, 2017, pp.42-46.</p> <p>12. Berdnik, S. L.; Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V. <i>Diffraction Radiation of a Slot into a Space over an Impedance Screen // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED)</i>, 2017, pp.64-67.</p> <p>13. Berdnik, S. L.; Katrich, V. A.; Kiyko, V. I.; Nesterenko, M. V.; Penkin, Yu. M. <i>T-junction of Rectangular Waveguides with Monopole-Slot Coupling Structure and Elements Coated by a Metamaterial // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED)</i>, 2017, pp.123-127.</p> <p>14. Gomofov, A. V.; Gretsikh, D. V.; Katrich, V. A.; Nesterenko, M. V. <i>Functional Neutralization of Small-size UAVs by Focused Electromagnetic Radiation // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED)</i>, 2017, pp.187-189.</p> <p>15. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L.; Pshenichnaya, S. V. <i>Radiation Fields of a Radial Dipole Located on a Metal Sphere Coated by a Layer of Metamaterial // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT)</i>, 2017, pp.92-95.</p> <p>16. Gorobets, A. N.; Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V. <i>Optimization of Circularly Polarized Radiation of In-phase Crossed Impedance Dipoles with Screen // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT)</i>, 2017, pp.270-272.</p> <p>17. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. <i>Directional and Polarization Radiation Characteristics of a Horizontal Impedance Vibrator Located above a Rectangular Screen // JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS</i>, 2016, 61 (2), pp.99-111.</p> <p>18. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V. <i>Development of Fundamental Theory of Thin Impedance Vibrators // PROGRESS IN ELECTROMAGNETICS RESEARCH M</i>, 2016, 45 (), pp.185-193.</p> <p>19. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M. <i>Electromagnetic Waves Radiation by a Vibrators System with Variable Surface Impedance // PROGRESS IN ELECTROMAGNETICS RESEARCH M</i>,</p>
--	--	--	--	--

			<p>International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 64.</p> <p>21. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Resonant slot spherical antenna", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 610.</p> <p>22. Berdnik, S.L., Vasylovskiy, V.S., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "Radiation fields of the spherical slot antenna in a material medium", 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings.</p> <p>23. Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V. &amp; Penkin, D.Y. 2015, "Radiation fields of radial monopole array mounted on a perfectly conducting sphere", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 66.</p> <p>24. Gomozov, A.V., Gretskih, D.V., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Functional neutralization of small-size UAVs by focused electromagnetic radiation", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 187.</p> <p>25. Gorobets, A.N., Yeliseyeva, N.P., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Optimization of circularly polarized radiation of in-phase crossed impedance dipoles with screen", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 270.</p> <p>26. Gretskih, D.V., Gomozov, A.V., Katrich, V.A., Luchaninov, A.I., Nesterenko, M.V. &amp; Penkin, Y.M. 2017, "Mathematical model of large rectenna arrays for wireless energy transfer", Progress In Electromagnetics Research B, vol. 74, no. 1, pp. 77-91.</p> <p>27. Gretskih, D.V., Gomozov, A.V., Luchaninov, A.I. &amp; Nesterenko, M.V. 2016, "Mathematical model of large aperture rectenna lattice", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 92.</p> <p>28. Gretskih, D.V., Luchaninov, A.I., Vishniakova, J.V., Katrich, V.A. &amp; Nesterenko, M.V. 2018, "Electrodynamic Model of a Wireless Power Transmission System", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 80.</p> <p>29. Nesterenko, M.V., Katrich, V.A., Penkin, D.Y., Berdnik, S.L. &amp; Kijko, V.I. 2012, "Electromagnetic waves scattering and radiation by vibrator-slot structure in a rectangular waveguide", Progress In Electromagnetics Research M, vol. 24, pp. 69-84.</p> <p>30. Nesterenko, M.V., Katrich, V.A., Penkin, Y.M., Berdnik, S.L. &amp; Kijko, V.I. 2012, "Combined vibrator-slot structures in electrodynamic volumes", Progress In Electromagnetics Research B, no. 37, pp. 237-256.</p> <p>31. Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P., Blinova, N.K., Penkin, Y.M. &amp; Dakhov, V.M. 2016, "Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 388.</p> <p>32. Penkin, D.Y., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kijko,</p>	<p>2016, 51 (), pp.157-163.</p> <p>20. Nesterenko, M. V.; Katrich, V. A.; Yatsuk, L. P.; Blinova, N. K.; Penkin, Yu. M.; Dakhov, V. M. Directional Characteristics of an Antenna Array of Monopoles on a Perfectly Conducting Sphere // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.388-391.</p> <p>21. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Influence of a Dielectric Insert on Energy Characteristics of a Cruciform Waveguide Junction // 2016 XXIST INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2016, pp.42-45.</p> <p>22. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Resonant Phenomena at Diffraction of Tilted Impedance Dipole Field on Finite Size Screen // 2016 XXIST INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2016, pp.49-53.</p> <p>23. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Formation of Circularly Polarized Wave by Impedance Wire Dipole Located over Square Screen // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.396-399.</p> <p>24. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V. Alternative Representation of Green's Function for Electric Field on Surfaces of Thin Vibrators // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 52 (), pp.169-179.</p> <p>25. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. E-Plane T-Junctions of Rectangular Waveguides with Vibrator-Slot Coupling between Arms of Different Dimensions // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.68-72.</p> <p>26. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Pshenichnaya, S. V. Energy Characteristics of a T-Shaped Waveguide Junction with a Dielectric Insert // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.73-76.</p> <p>27. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Polarization of Wave Formed by Impedance Wire Dipole with Screen depending on Screen Sizes // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.213-216.</p> <p>28. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Waveguide Junction with Controllable Power Division // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>29. Gretskih, D. V.; Gomozov, A. V.; Luchaninov, A. I.; Nesterenko, M. V. Mathematical Model of Large Aperture Rectenna Lattice // 2016 XXIST INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE</p>
--	--	--	---	---



			<p>V.I. 2013, "Electromagnetic fields excitation by a multielement vibrator-slot structures in coupled electrodynamic volumes", Progress In Electromagnetics Research B, , no. 49, pp. 235-252.</p> <p>33. Penkin, D.Y., Katrich, V.A., Dakhov, V.M., Nesterenko, M.V. &amp; Berdnik, S.L. 2013, "Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere", 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, pp. 123.</p> <p>34. Penkin, D.Y., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M. &amp; Berdnik, S.L. 2015, "Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere", Progress In Electromagnetics Research B, vol. 62, no. 1, pp. 137-151.</p> <p>35. Penkin, D.Y., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kijko, V.I. 2013, "Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 708.</p> <p>36. Penkin, Y., Katrich, V., Nesterenko, M. &amp; Berdnik, S. 2018, "Combined Wide-Angle Scanning by a Two-Dimensional Dipole Array", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 300.</p> <p>37. Penkin, Y.M., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Influence of a dielectric insert on energy characteristics of a cruciform waveguide junction", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 42.</p> <p>38. Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Formation of radiation fields of linear vibrator arrays by using impedance synthesis", Progress In Electromagnetics Research M, vol. 57, pp. 1-10.</p> <p>39. Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Alternative representation of green's function for electric field on surfaces of thin vibrators", Progress In Electromagnetics Research M, vol. 52, pp. 169-179.</p> <p>40. Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Development of fundamental theory of thin impedance vibrators", Progress In Electromagnetics Research M, vol. 45, pp. 185-193.</p> <p>41. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Analytical solution of impedance synthesis problem for a 2D array of thin vibrators", Progress In Electromagnetics Research M, vol. 65, pp. 43-49.</p> <p>42. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Dual-Symmetric Form of Integral Equations for Antenna Currents", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 55.</p> <p>43. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L. &amp; Blinova, N.K. 2017, "Radiation field of a dipole placed at impedance sphere", 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, pp. 29.</p> <p>44. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Blinova, N.K. 2017, "Effect of surface impedance on radiation fields of spherical antennas", Progress in Electromagnetics Research Letters, vol. 71, pp. 83-89.</p> <p>45. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, D.Y. 2018, "Surface impedance of thin graphite films at microwave frequencies", Progress In</p>	<p>PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2016, pp.92-94.</p> <p>30. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M.; Pshenichnaya, S. V. Yagi-Uda Antennas with Impedance Wires // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.403-406.</p> <p>31. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M.; Penkin, Dmitriy Yu. Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide // IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, 2015, 63 (9), pp.4256-4259.</p> <p>32. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. WAVEGUIDE E-PLANE T-JUNCTION WITH RESONANCE COUPLING BETWEEN SHOULDERS // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>33. Berdnik, S. L.; Vasylykovskiy, V. S.; Nesterenko, M. V.; Penkin, Yu. M. RADIATION FIELDS OF THE SPHERICAL SLOT ANTENNA IN A MATERIAL MEDIUM // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>34. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M.; Pshenichnaya, S. V. Clavin Element with Impedance Monopoles // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.61-65.</p> <p>35. Dakhov, V. M.; Katrich, V. A.; Berdnik, S. L.; Nesterenko, M. V.; Penkin, D. Yu. Radiation Fields of Radial Monopole Array Mounted on a Perfectly Conducting Sphere // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.66-70.</p> <p>36. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Directive Gain of Horizontal Impedance Vibrator Located over Finite-Size Perfectly Conducting Screen // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.71-74.</p> <p>37. Berdnik, S. L.; Blinova, N. K.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. Spherical Antenna with a Clavin Radiator // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.75-77.</p> <p>38. Berdnik, S. L.; Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Blinova, N. K. SPHERICAL ANTENNA EXCITED BY A SLOT IN AN IMPEDANCE END-WALL WITH LOSSES OF A RECTANGULAR WAVEGUIDE // 2014 24TH INTERNATIONAL CRIMEAN CONFERENCE MICROWAVE &amp; TELECOMMUNICATION TECHNOLOGY (CRIMICO), 2014, pp.491-492.</p>
--	--	--	--	---

			<p>Electromagnetics Research M, vol. 72, pp. 41-47.</p> <p>46. Penkin, Y.M., Katrich, V.A., Penkin, D.Y. &amp; Nesterenko, M.V. 2018, "Concept of experimental simulator for studying longitudinal magnetic wave propagation in dielectric samples", Progress in Electromagnetics Research Letters, vol. 79, pp. 109-113.</p> <p>47. Penkin, Y.M., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Waveguide junction with controllable power division", 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016.</p> <p>48. Penkin, Y.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2016, "Energy characteristics of a T-Shaped Waveguide junction with a dielectric insert", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 73.</p> <p>49. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Coupling of Two Rectangular Waveguides Through a Slot with an Impedance Membrane", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 140.</p> <p>50. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L. &amp; Pshenichnaya, S.V. 2017, "Radiation fields of a radial dipole located on a metal sphere coated by a layer of metamaterial", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 92.</p> <p>51. Tarakanov, V.I., Lysenkova, S.A. &amp; Nesterenko, M.V. 2014, "Iterative scheme of finding a spectrum of the product of two non-commutative operators", Numerical Analysis and Applications, vol. 7, no. 4, pp. 345-358.</p> <p>52. Tarakanov, V.I., Lysenkova, S.A. &amp; Nesterenko, M.V. 2013, "The precession of a parametric oscillation pendulum with Cardan suspension", Numerical Analysis and Applications, vol. 6, no. 4, pp. 337-347.</p> <p>53. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Directional and polarization radiation characteristics of a horizontal impedance vibrator located above a rectangular screen", Journal of Communications Technology and Electronics, vol. 61, no. 2, pp. 99-111.</p> <p>54. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Formation of circularly polarized wave by impedance wire dipole located over square screen", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 396.</p> <p>55. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Polarization of wave formed by impedance wire dipole with screen depending on screen sizes", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 213.</p> <p>56. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Resonant phenomena at diffraction of tilted impedance dipole field on finite size screen", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 49.</p> <p>57. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2015, "Directive gain of horizontal impedance vibrator located over finite-size perfectly conducting screen", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 71.</p> <p>58. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2015, "Electrodynamic characteristics of horizontal impedance vibrator located over a</p>		
--	--	--	--	--	--

				<p>finite-dimensional perfectly conducting screen", Progress In Electromagnetics Research B, vol. 63, no. 1, pp. 275-288.</p> <p>59. Yeliseyeva, N.P., Gorobets, A.N., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Radiation fields of a system of two impedance crossed vibrators excited in-phase and placed over a rectangular screen", Progress In Electromagnetics Research B, vol. 77, no. 1.</p> <p>60. Yeliseyeva, N.P., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Resonant characteristics of impedance monopole placed on flat infinite metal screen", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 42.</p> <p>61. Yeliseyeva, N.P., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Characteristics of Resonant Impedance Dipole Placed Inside Dihedral Corner Reflector", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 60.</p> <p>62. Yeliseyeva, N.P., Katrich, V.A., Nesterenko, M.V. &amp; Gorobets, A.N. 2017, "Synthesis of circularly polarized radiation by inphase crossed impedance wire dipoles with screen", 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, pp. 98.</p>		
Радіо-фізики, біомедициної електроніки та комп'ютерних систем	Фізичної і біомедициної електроніки та комплексних інформаційних технологій	Бердник Сергій Леонідович	51	<p>1. Berdnik, S.L., Blinova, N.K., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "Spherical antenna with a Clavin radiator", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 75.</p> <p>2. Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V. &amp; Penkin, Y.M. 2017, "T-junction of rectangular waveguides with monopole-slot coupling structure and elements coated by a metamaterial", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 123.</p> <p>3. Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "Power characteristics of a T-junction of Rectangular waveguides with a multi-element monopole-slotted coupling structure", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 75, no. 6, pp. 489-506.</p> <p>4. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kiyko, V.I. 2012, "System of impedance vibrators in free space", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 53.</p> <p>5. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, D.Y. &amp; Pshenichnaya, S.V. 2012, "Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 195.</p> <p>6. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2017, "Waveguide T-junctions with resonant coupling between sections of different dimensions", International Journal of Microwave and Wireless Technologies, vol. 9, no. 5, pp. 1059-1065.</p> <p>7. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "Electromagnetic waves radiation by a vibrators system with variable surface impedance", Progress In Electromagnetics Research M, vol. 51, pp. 157-163.</p>	30	<p>63. Penkin, Yuriy; Katrich, Victor; Nesterenko, Mikhail; Berdnik, Sergey Combined Wide-Angle Scanning by a Two-Dimensional Dipole Array // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.300-303.</p> <p>64. Yeliseyeva, Nadezhda; Berdnik, Sergey; Katrich, Victor; Pshenichnaya, Svetlana Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.331-335.</p> <p>65. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L. Coupling of Two Rectangular Waveguides Through a Slot with an Impedance Membrane // 2018 IEEE 17TH INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2018, pp.140-143.</p> <p>66. Penkin, Yuriy M.; Katrich, Victor A.; Nesterenko, Mikhail V.; Berdnik, Sergey L. Analytical Solution of Impedance Synthesis Problem for a 2D Array of Thin Vibrators // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2018, 65 (), pp.43-49.</p> <p>67. Dakhov, V. M.; Berdnik, S. L.; Blinova, N. K.; Penkin, Yu. M. Array of the Two Arc Monopoles on a Sphere with Surface Impedance // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.190-193.</p> <p>68. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M. Waveguide T-junctions with resonant coupling between sections of different dimensions // INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, 2017, 9 (5), pp.1059-1065.</p> <p>69. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L.; Blinova, N. K. Radiation Field of a Dipole Placed at Impedance Sphere // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.29-32.</p>

			<p>8. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2016, "E-plane T-junctions of rectangular waveguides with vibrator-slot coupling between arms of different dimensions", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 68.</p> <p>9. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "E-plane t-junction of rectangular waveguides with vibrator-slot coupling between arms", Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>), vol. 74, no. 14, pp. 1225-1240.</p> <p>10. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2013, "Spherical antenna excited by a slot in an impedance end-wall of a rectangular waveguide", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 111.</p> <p>11. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Penkin, D.Y. 2015, "Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide", IEEE Transactions on Antennas and Propagation, vol. 63, no. 9, pp. 4256-4259.</p> <p>12. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Pshenichnaya, S.V. 2015, "Clavin element with impedance monopoles", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 61.</p> <p>13. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "Waveguide E-plane T-junction with resonance coupling between shoulders", 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings.</p> <p>14. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Pshenichnaya, S.V. 2016, "Yagi-Uda antennas with impedance wires", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 403.</p> <p>15. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 45.</p> <p>16. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2012, "Multimode excitation of waveguide-slot leaky-wave radiator", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 483.</p> <p>17. Berdnik, S.L., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere", Progress In Electromagnetics Research M, vol. 34, pp. 89-97.</p> <p>18. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Blinova, N.K. 2014, "Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide", CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 491.</p> <p>19. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Kijko, V.I. 2013, "Electromagnetic waves radiation into the space over a sphere by a slot</p>	<p>70. Berdnik, S. L.; Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V. Diffraction Radiation of a Slot into a Space over an Impedance Screen // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.64-67.</p> <p>71. Berdnik, S. L.; Katrich, V. A.; Kiyko, V. I.; Nesterenko, M. V.; Penkin, Yu. M. T-junction of Rectangular Waveguides with Monopole-Slot Coupling Structure and Elements Coated by a Metamaterial // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.123-127.</p> <p>72. Dakhov, V. M.; Berdnik, S. L.; Blinova, N. K.; Penkin, Yu. M. Array of the Four Arc Monopoles on a Sphere with Surface Impedance // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.201-204.</p> <p>73. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L.; Pshenichnaya, S. V. Radiation Fields of a Radial Dipole Located on a Metal Sphere Coated by a Layer of Metamaterial // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.92-95.</p> <p>74. Ogurtsova, T.; Kholod, P.; Klochko, G.; Pochanin, G.; Berdnik, S.; Dumin, O. Frequency Domain Measurement of Permeability of M400HH Ferrite Rods in the VHF Range // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.398-400.</p> <p>75. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Directional and Polarization Radiation Characteristics of a Horizontal Impedance Vibrator Located above a Rectangular Screen // JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, 2016, 61 (2), pp.99-111.</p> <p>76. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M. Electromagnetic Waves Radiation by a Vibrators System with Variable Surface Impedance // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 51 ( ), pp.157-163.</p> <p>77. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Influence of a Dielectric Insert on Energy Characteristics of a Cruciform Waveguide Junction // 2016 XXIST INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2016, pp.42-45.</p> <p>78. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Resonant Phenomena at Diffraction of Tilted Impedance Dipole Field on Finite Size Screen // 2016 XXIST INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2016, pp.49-53.</p> <p>79. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Formation of Circularly Polarized Wave by Impedance Wire Dipole Located over Square Screen // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET),</p>
--	--	--	---	--

			<p>in the end-wall of a semi-infinite rectangular waveguide", Progress In Electromagnetics Research B, , no. 46, pp. 139-158.</p> <p>20. Berdnik, S.L., Penkin, Y.M., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Diffraction radiation of a slot into a space over an impedance screen", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 64.</p> <p>21. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Resonant slot spherical antenna", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 610.</p> <p>22. Berdnik, S.L., Vasylykovskiy, V.S., Nesterenko, M.V. &amp; Penkin, Y.M. 2015, "Radiation fields of the spherical slot antenna in a material medium", 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings.</p> <p>23. Dakhov, V.M., Berdnik, S.L., Blinova, N.K. &amp; Penkin, Y.M. 2017, "Array of the two Arc monopoles on a sphere with surface impedance", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 190.</p> <p>24. Dakhov, V.M., Berdnik, S.L., Blinova, N.K. &amp; Penkin, Y.M. 2017, "Array of the four arc monopoles on a sphere with surface impedance", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 201.</p> <p>25. Dakhov, V.M., Katrich, V.A. &amp; Berdnik, S.L. 2012, "Optimization of irregular antenna arrays taking into account mutual coupling of radiators", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 457.</p> <p>26. Dakhov, V.M., Katrich, V.A. &amp; Berdnik, S.L. 2012, "Optimization of the radiation pattern of regular antenna arrays with taking into account mutual coupling between radiators", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 164.</p> <p>27. Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V. &amp; Penkin, D.Y. 2015, "Radiation fields of radial monopole array mounted on a perfectly conducting sphere", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 66.</p> <p>28. Nesterenko, M.V., Katrich, V.A., Penkin, D.Y., Berdnik, S.L. &amp; Kijko, V.I. 2012, "Electromagnetic waves scattering and radiation by vibrator-slot structure in a rectangular waveguide", Progress In Electromagnetics Research M, vol. 24, pp. 69-84.</p> <p>29. Nesterenko, M.V., Katrich, V.A., Penkin, Y.M., Berdnik, S.L. &amp; Kijko, V.I. 2012, "Combined vibrator-slot structures in electrodynamic volumes", Progress In Electromagnetics Research B, , no. 37, pp. 237-256.</p> <p>30. Ogurtsova, T., Kholod, P., Klochko, G., Pochanin, G., Berdnik, S. &amp; Dumin, O. 2017, "Frequency domain measurement of permeability of m400hh ferrite rods in the VHF range", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 398.</p> <p>31. Penkin, D.Y., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kijko, V.I. 2013, "Electromagnetic fields excitation by a multielement vibrator-slot</p>	<p>2016, pp.396-399.</p> <p>80. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. E-Plane T-Junctions of Rectangular Waveguides with Vibrator-Slot Coupling between Arms of Different Dimensions // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.68-72.</p> <p>81. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Pshenichnaya, S. V. Energy Characteristics of a T-Shaped Waveguide Junction with a Dielectric Insert // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.73-76.</p> <p>82. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Polarization of Wave Formed by Impedance Wire Dipole with Screen depending on Screen Sizes // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.213-216.</p> <p>83. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Waveguide Junction with Controllable Power Division // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>84. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M.; Pshenichnaya, S. V. Yagi-Uda Antennas with Impedance Wires // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.403-406.</p> <p>85. Berdnik, Sergey L.; Katrich, Victor A.; Nesterenko, Mikhail V.; Penkin, Yuriy M.; Penkin, Dmitriy Yu. Radiation and Scattering of Electromagnetic Waves by a Multielement Vibrator-Slot Structure in a Rectangular Waveguide // IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, 2015, 63 (9), pp.4256-4259.</p> <p>86. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. WAVEGUIDE E-PLANE T-JUNCTION WITH RESONANCE COUPLING BETWEEN SHOULDERS // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>87. Berdnik, S. L.; Vasylykovskiy, V. S.; Nesterenko, M. V.; Penkin, Yu. M. RADIATION FIELDS OF THE SPHERICAL SLOT ANTENNA IN A MATERIAL MEDIUM // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>88. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M.; Pshenichnaya, S. V. Clavin Element with Impedance Monopoles // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.61-65.</p> <p>89. Dakhov, V. M.; Katrich, V. A.; Berdnik, S. L.; Nesterenko, M. V.; Penkin, D. Yu. Radiation Fields of Radial Monopole Array Mounted on a Perfectly Conducting Sphere // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.66-70.</p> <p>90. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.</p>
--	--	--	---	---

			<p>structures in coupled electrodynamics volumes", Progress In Electromagnetics Research B, , no. 49, pp. 235-252.</p> <p>32. Penkin, D.Y., Katrich, V.A., Dakhov, V.M., Nesterenko, M.V. &amp; Berdnik, S.L. 2013, "Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere", 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, pp. 123.</p> <p>33. Penkin, D.Y., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M. &amp; Berdnik, S.L. 2015, "Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere", Progress In Electromagnetics Research B, vol. 62, no. 1, pp. 137-151.</p> <p>34. Penkin, D.Y., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Kijko, V.I. 2013, "Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 708.</p> <p>35. Penkin, Y., Katrich, V., Nesterenko, M. &amp; Berdnik, S. 2018, "Combined Wide-Angle Scanning by a Two-Dimensional Dipole Array", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 300.</p> <p>36. Penkin, Y.M., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Influence of a dielectric insert on energy characteristics of a cruciform waveguide junction", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 42.</p> <p>37. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Analytical solution of impedance synthesis problem for a 2D array of thin vibrators", Progress In Electromagnetics Research M, vol. 65, pp. 43-49.</p> <p>38. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Dual-Symmetric Form of Integral Equations for Antenna Currents", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 55.</p> <p>39. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L. &amp; Blinova, N.K. 2017, "Radiation field of a dipole placed at impedance sphere", 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, pp. 29.</p> <p>40. Penkin, Y.M., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Waveguide junction with controllable power division", 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016.</p> <p>41. Penkin, Y.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2016, "Energy characteristics of a T-Shaped Waveguide junction with a dielectric insert", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 73.</p> <p>42. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Coupling of Two Rectangular Waveguides Through a Slot with an Impedance Membrane", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 140.</p> <p>43. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L. &amp; Pshenichnaya, S.V. 2017, "Radiation fields of a radial dipole located on a metal sphere coated by a layer of metamaterial", 2017 11th International Conference on</p>	<p>Directive Gain of Horizontal Impedance Vibrator Located over Finite-Size Perfectly Conducting Screen // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.71-74.</p> <p>91. Berdnik, S. L.; Blinova, N. K.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. Spherical Antenna with a Clavin Radiator // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.75-77.</p> <p>92. Berdnik, S. L.; Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Blinova, N. K. SPHERICAL ANTENNA EXCITED BY A SLOT IN AN IMPEDANCE END-WALL WITH LOSSES OF A RECTANGULAR WAVEGUIDE // 2014 24TH INTERNATIONAL CRIMEAN CONFERENCE MICROWAVE &amp; TELECOMMUNICATION TECHNOLOGY (CRIMICO), 2014, pp.491-492.</p>
--	--	--	--	--

				<p>Antenna Theory and Techniques, ICATT 2017, pp. 92.</p> <p>44. Yeliseyeva, N., Berdnik, S., Katrich, V. &amp; Pshenichnaya, S. 2018, "Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 331.</p> <p>45. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Directional and polarization radiation characteristics of a horizontal impedance vibrator located above a rectangular screen", Journal of Communications Technology and Electronics, vol. 61, no. 2, pp. 99-111.</p> <p>46. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Formation of circularly polarized wave by impedance wire dipole located over square screen", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 396.</p> <p>47. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Polarization of wave formed by impedance wire dipole with screen depending on screen sizes", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 213.</p> <p>48. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Resonant phenomena at diffraction of tilted impedance dipole field on finite size screen", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 49.</p> <p>49. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2015, "Directive gain of horizontal impedance vibrator located over finite-size perfectly conducting screen", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 71.</p> <p>50. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2015, "Electrodynamic characteristics of horizontal impedance vibrator located over a finite-dimensional perfectly conducting screen", Progress In Electromagnetics Research B, vol. 63, no. 1, pp. 275-288.</p> <p>51. Yeliseyeva, N.P., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Characteristics of Resonant Impedance Dipole Placed Inside Dihedral Corner Reflector", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 60.</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Боцула Олег Вікторович	15	<p>1. Botsula, O.V., Prokhorov, E.D., Zaichenko, S.V., Pavlenko, L.I. &amp; Motorniuk, S.A. 2012, "Oscillation efficiency and frequency properties of intervalley-electron transfer GaN diodes", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 171.</p> <p>2. Botsula, O.V., Pryhodko, K.H. &amp; Zozulia, V.A. 2017, "Impact ionization in short AlGaIn-Zn-based diodes", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 76, no. 1, pp. 61-71.</p> <p>3. Botsula, O.V. &amp; Prykhodko, K.H. 2018, "Graded Band Diode for Noise Generation in Terahertz Range", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 336.</p> <p>4. Botsula, O.V. &amp; Prykhodko, K.H. 2016, "Static characteristics of the graded gap and heterojunction diodes containing the cathode static domain", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals,</p>	6	<p>1. Botsula, O. V.; Prykhodko, K. H.; Zozulia, V. O. Monte Carlo Modeling of the Diodes with Lateral Resonant Tunneling Border // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.256-259.</p> <p>2. Botsula, O. V.; Prykhodko, K. H. Graded Band Diode for Noise Generation in Terahertz Range // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.336-339.</p> <p>3. Prykhodko, K. H.; Zozulia, V. O.; Botsula, O. V. Graded Band Gap InGaAs Diodes for Terahertz Applications // 2017 IEEE INTERNATIONAL YOUNG SCIENTISTS FORUM ON APPLIED PHYSICS AND ENGINEERING (YSF), 2017, pp.291-294.</p> <p>4. Botsula, O. V.; Prykhodko, K. H. Static Characteristics of the Graded Gap and Heterojunction Diodes Containing the Cathode Static Domain // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND</p>

				<p>UWBUSIS 2016, pp. 163.</p> <p>5. Botsula, O.V., Prykhodko, K.H. &amp; Zozulia, V.O. 2018, "Monte Carlo Modeling of the Diodes with Lateral Resonant Tunneling Border", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 256.</p> <p>6. Botsula, O.V. &amp; Prykhodko, K.H. 2017, "Heterostructure-based diode with cathode static domain", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 76, no. 10, pp. 891-901.</p> <p>7. Prokhorov, E.D., Botsula, O.V., Dyadchenko, A.V. &amp; Gorbunov, I.A. 2013, "Monte-Carlo simulation of diodes with a cathode static domain", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 141.</p> <p>8. Prokhorov, E.D., Botsula, O.V. &amp; Klimenko, O.A. 2012, "Generation and frequency multiplication by GaAs-diodes with tunnel boundaries", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 71, no. 11, pp. 1045-1055.</p> <p>9. Prokhorov, E.D., Botsula, O.V., Klimenko, O.A. &amp; Storozhenko, I.P. 2013, "Generation efficiency of resonant-tunnel barrier diodes in sandwich-type structures", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 72, no. 17, pp. 1589-1600.</p> <p>10. Prokhorov, E.D., Botsula, O.V. &amp; Reutina, O.A. 2015, "Generation efficiency of planar diode with tunnel anode and tunnel lateral boundary", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 74, no. 5, pp. 423-430.</p> <p>11. Prokhorov, E.D., Botsula, O.V. &amp; Reutina, O.A. 2013, "Generation efficiency of planar n+-n-n+ diode with tunnel boundaries", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 139.</p> <p>12. Prokhorov, E.D., Botsula, O.V. &amp; Reutina, O.A. 2013, "Impedance of planar diode with a resonant-tunnel border", Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, pp. 283.</p> <p>13. Prokhorov, E.D., Botsula, O.V. &amp; Reutina, O.A. 2013, "Influence of lateral borders length on current voltage characteristics and oscillation efficiency of planar diode", Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, pp. 280.</p> <p>14. Prokhorov, E.D., Botsula, O.V. &amp; Reutina, O.A. 2013, "Impedance and generation efficiency of a planar diode with resonant tunneling boundaries (RTB) based on GaAs", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 72, no. 17, pp. 1613-1622.</p> <p>15. Prykhodko, K.H., Zozulia, V.O. &amp; Botsula, O.V. 2017, "Graded band gap InGaAs diodes for terahertz applications", 2017 IEEE International Young Scientists Forum on Applied Physics and Engineering, YSF 2017, pp. 291.</p>		<p>ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.163-166.</p> <p>5. Prokhorov, E. D.; Botsula, O. V.; Reutina, O. A. INFLUENCE OF LATERAL BORDERS LENGTH ON CURRENT VOLTAGE CHARACTERISTICS AND OSCILLATION EFFICIENCY OF PLANAR DIODE // 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2013, pp.280-282.</p> <p>6. Prokhorov, E. D.; Botsula, O. V.; Reutina, O. A. IMPEDANCE OF PLANAR DIODE WITH A RESONANT-TUNNEL BORDER // 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2013, pp.283-285.</p>
Радіо-фізики, біомедицинської	Фізичної і біомедицинської електро-	Дахов Віктор Михайлович	8	<p>1. Dakhov, V.M., Berdnik, S.L., Blinova, N.K. &amp; Penkin, Y.M. 2017, "Array of the two Arc monopoles on a sphere with surface impedance", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 190.</p>	4	<p>1. Dakhov, V. M.; Berdnik, S. L.; Blinova, N. K.; Penkin, Yu. M. Array of the Two Arc Monopoles on a Sphere with Surface Impedance // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.190-193.</p>



електроніки та комп'ютерних систем	іники та комплексних інформаційних технологій			<p>2. Dakhov, V.M., Berdnik, S.L., Blinova, N.K. &amp; Penkin, Y.M. 2017, "Array of the four arc monopoles on a sphere with surface impedance", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 201.</p> <p>3. Dakhov, V.M., Katrich, V.A. &amp; Berdnik, S.L. 2012, "Optimization of irregular antenna arrays taking into account mutual coupling of radiators", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 457.</p> <p>4. Dakhov, V.M., Katrich, V.A. &amp; Berdnik, S.L. 2012, "Optimization of the radiation pattern of regular antenna arrays with taking into account mutual coupling between radiators", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 164.</p> <p>5. Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V. &amp; Penkin, D.Y. 2015, "Radiation fields of radial monopole array mounted on a perfectly conducting sphere", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 66.</p> <p>6. Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P., Blinova, N.K., Penkin, Y.M. &amp; Dakhov, V.M. 2016, "Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 388.</p> <p>7. Penkin, D.Y., Katrich, V.A., Dakhov, V.M., Nesterenko, M.V. &amp; Berdnik, S.L. 2013, "Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere", 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, pp. 123.</p> <p>8. Penkin, D.Y., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M. &amp; Berdnik, S.L. 2015, "Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere", Progress In Electromagnetics Research B, vol. 62, no. 1, pp. 137-151.</p>		<p>2. Dakhov, V. M.; Berdnik, S. L.; Blinova, N. K.; Penkin, Yu. M. Array of the Four Arc Monopoles on a Sphere with Surface Impedance // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.201-204.</p> <p>3. Nesterenko, M. V.; Katrich, V. A.; Yatsuk, L. P.; Blinova, N. K.; Penkin, Yu. M.; Dakhov, V. M. Directional Characteristics of an Antenna Array of Monopoles on a Perfectly Conducting Sphere // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.388-391.</p> <p>4. Dakhov, V. M.; Katrich, V. A.; Berdnik, S. L.; Nesterenko, M. V.; Penkin, D. Yu. Radiation Fields of Radial Monopole Array Mounted on a Perfectly Conducting Sphere // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.66-70.</p>
Радіофізики, біомедициної електроніки та комп'ютерних систем	Фізичної і біомедициної електроніки та комплексних інформаційних технологій	Єлісеєва Надія Петрівна	27	<p>1. Gorobets, A.N., Yeliseyeva, N.P., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Optimization of circularly polarized radiation of in-phase crossed impedance dipoles with screen", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 270.</p> <p>2. Gorobets, N.N. &amp; Eliseeva, N.P. 2013, "The radiation characteristics of two parallel electric dipoles with a finite screen", <i>Journal of Communications Technology and Electronics</i>, vol. 58, no. 8, pp. 753-761.</p> <p>3. Gorobets, N.N. &amp; Yeliseyeva, N.P. 2015, "Electrodynamic characteristics of a four-vibrator radiator with a square screen", <i>Journal of Communications Technology and Electronics</i>, vol. 60, no. 5, pp. 454-469.</p> <p>4. Gorobets, N.N. &amp; Yeliseyeva, N.P. 2013, "Wave processes in near zone of Hertz dipole with plane screen", 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, pp. 580.</p> <p>5. Gorobets, N.N., Yeliseyeva, N.P. &amp; Antonenko, Y.A. 2012, "Optimisation of radiation characteristics of wire-screened antennas", <i>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</i>, vol. 71, no. 1, pp. 59-69.</p>	18	<p>1. Yeliseyeva, Nadezhda; Berdnik, Sergey; Katrich, Victor; Pshenichnaya, Svetlana Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.331-335.</p> <p>2. Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V.; Gorobets, A. N. Synthesis of Circularly Polarized Radiation by Inphase Crossed Impedance Wire Dipoles with Screen // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.98-101.</p> <p>3. Yeliseyeva, N. P.; Gorobets, A. N.; Katrich, V. A.; Pshenichnaya, S. V. Directional and Polarization Characteristics of Crossed Impedance Wire Dipoles with Square Screen // 2017 SECOND INTERNATIONAL CONFERENCE ON INFORMATION AND TELECOMMUNICATION TECHNOLOGIES AND RADIO ELECTRONICS (UKRMICO), 2017, pp.-.</p> <p>4. Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V. Resonant Characteristics of Impedance Monopole Placed on Flat Infinite Metal Screen //</p>

			<p>6. Gorobets, O.M., Yeliseyeva, N.P. &amp; Gorobets, M.M. 2014, "Power and polarization patterns of a circularly polarized four-dipole radiator with a square screen", <i>2014 20th International Conference on Microwaves, Radar and Wireless Communications, MIKON 2014</i>.</p> <p>7. Yeliseyeva, N., Berdnik, S., Katrich, V. &amp; Pshenichnaya, S. 2018, "Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen", <i>UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings</i>, pp. 331.</p> <p>8. Yeliseyeva, N. &amp; Gorobets, N. 2012, "Optimization of radiation characteristics of wire antenna with finite size plane, V - and II - figuration corner reflectors", <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, pp. 561.</p> <p>9. Yeliseyeva, N.P. 2014, "Electrodynamic characteristics of impedance dipole located over ideally conducting rectangular screen", <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, pp. 198.</p> <p>10. Yeliseyeva, N.P. 2014, "The input impedance and the resonance length of two parallel dipoles with a rectangular screen", <i>Journal of Communications Technology and Electronics</i>, vol. 59, no. 3, pp. 208-218.</p> <p>11. Yeliseyeva, N.P. 2013, "Calculation and analysis of near field of dipole with corner reflector", <i>2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013</i>, pp. 583.</p> <p>12. Yeliseyeva, N.P. 2012, "Influence of mutual coupling between two dipoles on their resonant length in metal screen presence", <i>2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings</i>, pp. 198.</p> <p>13. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Directional and polarization radiation characteristics of a horizontal impedance vibrator located above a rectangular screen", <i>Journal of Communications Technology and Electronics</i>, vol. 61, no. 2, pp. 99-111.</p> <p>14. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Formation of circularly polarized wave by impedance wire dipole located over square screen", <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, pp. 396.</p> <p>15. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Polarization of wave formed by impedance wire dipole with screen depending on screen sizes", <i>2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016</i>, pp. 213.</p> <p>16. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2016, "Resonant phenomena at diffraction of tilted impedance dipole field on finite size screen", <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i>, pp. 49.</p> <p>17. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2015, "Directive gain of horizontal impedance vibrator located over finite-size perfectly conducting screen", <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i>, pp. 71.</p> <p>18. Yeliseyeva, N.P., Berdnik, S.L., Katrich, V.A. &amp; Nesterenko, M.V. 2015, "Electrodynamic characteristics of horizontal impedance vibrator located over a</p>	<p>2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPEd), 2017, pp.42-46.</p> <p>5. Gorobets, A. N.; Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V. Optimization of Circularly Polarized Radiation of In-phase Crossed Impedance Dipoles with Screen // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.270-272.</p> <p>6. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Directional and Polarization Radiation Characteristics of a Horizontal Impedance Vibrator Located above a Rectangular Screen // JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, 2016, 61 (2), pp.99-111.</p> <p>7. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Resonant Phenomena at Diffraction of Tilted Impedance Dipole Field on Finite Size Screen // 2016 XXIST INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPEd), 2016, pp.49-53.</p> <p>8. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Formation of Circularly Polarized Wave by Impedance Wire Dipole Located over Square Screen // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.396-399.</p> <p>9. Yeliseyeva, N. P.; Gorobets, N. N.; Gorobets, A. N. Characteristics of near field of the horizontal vibrator located above a square screen // JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, 2016, 61 (7), pp.749-766.</p> <p>10. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Polarization of Wave Formed by Impedance Wire Dipole with Screen depending on Screen Sizes // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.213-216.</p> <p>11. Gorobets, N. N.; Yeliseyeva, N. P. Electrodynamic characteristics of a four-vibrator radiator with a square screen // JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, 2015, 60 (5), pp.454-469.</p> <p>12. Yeliseyeva, N. P.; Gorobets, N. N.; Gorobets, A. N. CALCULATION OF NEAR FIELD OF DIPOLE PLACED ABOVE RECTANGULAR SCREEN // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>13. Yeliseyeva, N. P.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V. Directive Gain of Horizontal Impedance Vibrator Located over Finite-Size Perfectly Conducting Screen // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.71-74.</p> <p>14. Yeliseyeva, N. P. The input impedance and the resonance length of two parallel dipoles with a rectangular screen // JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, 2014, 59 (3), pp.208-218.</p> <p>15. Yeliseyeva, N. P.; Gorobets, N. N. Synthesis of Circularly Polarized</p>
--	--	--	---	--

				<p>finite-dimensional perfectly conducting screen", <i>Progress In Electromagnetics Research B</i>, vol. 63, no. 1, pp. 275-288.</p> <p>19. Yeliseyeva, N.P., Gorobets, A.N., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Radiation fields of a system of two impedance crossed vibrators excited in-phase and placed over a rectangular screen", <i>Progress In Electromagnetics Research B</i>, vol. 77, no. 1.</p> <p>20. Yeliseyeva, N.P., Gorobets, A.N., Katrich, V.A. &amp; Pshenichnaya, S.V. 2017, "Directional and polarization characteristics of crossed impedance wire dipoles with square screen", <i>2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings</i>.</p> <p>21. Yeliseyeva, N.P. &amp; Gorobets, N.N. 2014, "Synthesis of circularly polarized field radiated by four electric dipoles located over square screen", <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, pp. 191.</p> <p>22. Yeliseyeva, N.P. &amp; Gorobets, N.N. 2012, "Resonant length of electric dipole located inside dihedral corner reflector", <i>2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings</i>, pp. 170.</p> <p>23. Yeliseyeva, N.P., Gorobets, N.N. &amp; Gorobets, A.N. 2016, "Characteristics of near field of the horizontal vibrator located above a square screen", <i>Journal of Communications Technology and Electronics</i>, vol. 61, no. 7, pp. 749-766.</p> <p>24. Yeliseyeva, N.P., Gorobets, N.N. &amp; Gorobets, A.N. 2015, "Calculation of near field of dipole placed above rectangular screen", <i>2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings</i>.</p> <p>25. Yeliseyeva, N.P., Katrich, V.A. &amp; Nesterenko, M.V. 2017, "Resonant characteristics of impedance monopole placed on flat infinite metal screen", <i>2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings</i>, pp. 42.</p> <p>26. Yeliseyeva, N.P., Katrich, V.A., Nesterenko, M.V. &amp; Berdnik, S.L. 2018, "Characteristics of Resonant Impedance Dipole Placed Inside Dihedral Corner Reflector", <i>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED</i>, pp. 60.</p> <p>27. Yeliseyeva, N.P., Katrich, V.A., Nesterenko, M.V. &amp; Gorobets, A.N. 2017, "Synthesis of circularly polarized radiation by inphase crossed impedance wire dipoles with screen", <i>2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings</i>, pp. 98.</p> <p>28.</p>		<p>Field Radiated by Four Electric Dipoles Located over Square Screen // 2014 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2014, pp.191-194.</p> <p>16. Yeliseyeva, N. P. Electrodynamic Characteristics of Impedance Dipole Located over Ideally Conducting Rectangular Screen // 2014 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2014, pp.198-201.</p> <p>17. Gorobets, O. M.; Yeliseyeva, N. P.; Gorobets, M. M. Power and Polarization Patterns of a Circularly Polarized Four-Dipole Radiator with a Square Screen // 2014 20TH INTERNATIONAL CONFERENCE ON MICROWAVES, RADAR, AND WIRELESS COMMUNICATION (MIKON), 2014, pp.-.</p> <p>18. Yeliseyeva, N.; Gorobets, N. OPTIMIZATION OF RADIATION CHARACTERISTICS OF WIRE ANTENNA WITH FINITE SIZE PLANE, V - AND Pi - FIGURATION CORNER REFLECTORS // 2012 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2012, pp.561-565.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних	Фізичної і біомедичної електроніки та комплексних інформацій	Титар Володимир Петрович	6	<p>1. Tishko, T.V., Tishko, D.N. &amp; Titar, V.P. 2012, "Combining the polarization-contrast and interference-contrast methods for three-dimensional visualization of anisotropic microobjects", <i>Journal of Optical Technology (A Translation of Opticheskii Zhurnal)</i>, vol. 79, no. 6, pp. 340-343.</p> <p>2. Tishko, T.V., Tishko, D.N., Titar, V.P., Prikhodko, O.O. &amp; Bumeister, V.I. 2013, "Application of the digital holographic interference and electron microscopy methods for study of rats' blood erythrocytes 3D morphology in the condition of hard metal salts effect", <i>Proceedings of the International Conference on Advanced</i></p>	3	<p>1. Titar, V. P.; Lobed', E. N.; Naboka, A. M. PERCEPTION OF ELECTROMAGNETIC WAVES VISIBLE TO THE HUMAN EYE // 2016 IEEE 7TH INTERNATIONAL CONFERENCE ON ADVANCED OPTOELECTRONICS AND LASERS (CAOL), 2016, pp.129-130.</p> <p>2. Titar, V. P.; Ielchishcheva, Yu. V. APPLICATION OF LASERS IN OPHTHALMOLOGY // 2016 IEEE 7TH INTERNATIONAL CONFERENCE ON ADVANCED OPTOELECTRONICS AND LASERS (CAOL), 2016, pp.115-116.</p>

систем	них технологій			<p>Optoelectronics and Lasers, CAOL, , pp. 420-422.</p> <p>3. Titar, V. &amp; Shpachenko, O. 2012, "Reflection and refraction of laser radiation at interface between two uniaxial crystals", Optical Memory and Neural Networks (Information Optics), vol. 21, no. 3, pp. 177-185.</p> <p>4. Titar, V.P. 2013, "Nonlinear holographic model of physiological optics", Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, , pp. 423-425.</p> <p>5. Titar, V.P. &amp; Ielchishcheva, V. 2016, "Application of lasers in ophthalmology", Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, pp. 115.</p> <p>6. Titar, V.P., Lebed, E.N. &amp; Naboka, A.M. 2016, "Perception of electromagnetic waves visible to the human eye", Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, pp. 129.</p> <p>7.</p>		<p>3. Tishko, T. V.; Tishko, D. N.; Titar', V. P. Combining the polarization-contrast and interference-contrast methods for three-dimensional visualization of anisotropic microobjects // JOURNAL OF OPTICAL TECHNOLOGY, 2012, 79 (6), pp.340-343.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Пшенична Світлана Вікторівна	15	<p>1. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, D.Y. &amp; Pshenichnaya, S.V. 2012, "Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 195.</p> <p>2. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Pshenichnaya, S.V. 2015, "Clavin element with impedance monopoles", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 61.</p> <p>3. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. &amp; Pshenichnaya, S.V. 2016, "Yagi-Uda antennas with impedance wires", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 403.</p> <p>4. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 45.</p> <p>5. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2012, "Multimode excitation of waveguide-slot leaky-wave radiator", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 483.</p> <p>6. Berdnik, S.L., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere", Progress In Electromagnetics Research M, vol. 34, pp. 89-97.</p> <p>7. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2013, "Resonant slot spherical antenna", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 610.</p> <p>8. Dumin, O.M., Plakhtii, V.A., Volvach, I.S., Pshenichnaya, S.V. &amp; Dumina, O.O. 2015, "Near field of Hertzian dipole excited by impulse current", 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings.</p>	7	<p>1. Yeliseyeva, Nadezhda; Berdnik, Sergey; Katrich, Victor; Pshenichnaya, Svetlana Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.331-335.</p> <p>2. Yeliseyeva, N. P.; Gorobets, A. N.; Katrich, V. A.; Pshenichnaya, S. V. Directional and Polarization Characteristics of Crossed Impedance Wire Dipoles with Square Screen // 2017 SECOND INTERNATIONAL CONFERENCE ON INFORMATION AND TELECOMMUNICATION TECHNOLOGIES AND RADIO ELECTRONICS (UKRMICO), 2017, pp.-.</p> <p>3. Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L.; Pshenichnaya, S. V. Radiation Fields of a Radial Dipole Located on a Metal Sphere Coated by a Layer of Metamaterial // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.92-95.</p> <p>4. Penkin, Yu. M.; Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Pshenichnaya, S. V. Energy Characteristics of a T-Shaped Waveguide Junction with a Dielectric Insert // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.73-76.</p> <p>5. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M.; Pshenichnaya, S. V. Yagi-Uda Antennas with Impedance Wires // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.403-406.</p> <p>6. Dumin, O. M.; Plakhtii, V. A.; Volvach, I. S.; Pshenichnaya, S. V.; Dumina, O. O. NEAR FIELD OF HERTZIAN DIPOLE EXCITED BY IMPULSE CURRENT // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>7. Berdnik, S. L.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M.; Pshenichnaya, S. V. Clavin Element with Impedance Monopoles // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.61-65.</p>

				<p>9. Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V. &amp; Saprykin, I.I. 2012, "Dual-band circular-disk microstrip antenna", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 161.</p> <p>10. Mayboroda, D.V., Pogarsky, S.A., Pshenichnaya, S.V. &amp; Saprykin, I.I. 2012, "The characteristics of disk radiator with slot discontinuity", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 437.</p> <p>11. Mayboroda, D.V., Pogarsky, S.A., Saprykin, I.I., Pshenichnaya, S.V. &amp; Sharapov, D.S. 2013, "Multiresonator microstrip antenna with radiators of complex shape", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 618.</p> <p>12. Penkin, Y.M., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. &amp; Pshenichnaya, S.V. 2016, "Energy characteristics of a T-Shaped Waveguide junction with a dielectric insert", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 73.</p> <p>13. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L. &amp; Pshenichnaya, S.V. 2017, "Radiation fields of a radial dipole located on a metal sphere coated by a layer of metamaterial", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 92.</p> <p>14. Yeliseyeva, N., Berdnik, S., Katrich, V. &amp; Pshenichnaya, S. 2018, "Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 331.</p> <p>15. Yeliseyeva, N.P., Gorobets, A.N., Katrich, V.A. &amp; Pshenichnaya, S.V. 2017, "Directional and polarization characteristics of crossed impedance wire dipoles with square screen", 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings.</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Ляховський Анатолій Федорович	8	<p>1. Lyakhovsky, A., Katrich, V., Dumin, O., Yatsuk, L., &amp; Lyakhovsky, A. (2018). Electromagnetic wave scattering on longitudinal slot with layered medium in rectangular waveguide. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 226-229. doi:10.1109/UWBUSIS.2018.8520015</p> <p>2. Lyakhovsky, A. A., &amp; Lyakhovsky, A. F. (2015). The influence of air gaps at slowdown of main LM-mode in a waveguide with multilayer dielectric filling. Paper presented at the 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, doi:10.1109/ICATT.2015.7136824</p> <p>3. Lyakhovsky, A. F., Yatsuk, L. P., &amp; Lyakhovsky, A. A. (2017). Coupling of waveguide with resonator through diaphragm with slot with dielectric slab. Paper presented at the 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 321-324. doi:10.1109/ICATT.2017.7972654</p> <p>4. Yatsuk, L., Kichigin, I., Lyakhovsky, A., &amp; Penkin, Y. (2013). Narrow waveguide-slot radiator filled with layered dielectric. Paper presented at the Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013,</p>	8	<p>1. Lyakhovsky, Anatoly; Katrich, Viktor; Dumin, Oleksandr; Yatsuk, Ludmila; Lyakhovsky, Andrey Electromagnetic Wave Scattering on Longitudinal Slot with Layered Medium in Rectangular Waveguide // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.226-229.</p> <p>2. Lyakhovsky, A. F.; Yatsuk, L. P.; Lyakhovsky, A. A. Coupling of Waveguide with Resonator through Diaphragm with Slot with Dielectric Slab // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.321-324.</p> <p>3. Yatsuk, Ludmila P.; Lyakhovsky, Anatoly F.; Katrich, Victor A.; Lyakhovsky, Andrey A. Coupling of Two Rectangular Waveguides through a Diaphragm with a Dielectric Slab in the Slot // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 49 (), pp.9-19.</p> <p>4. Yatsuk, L. P.; Lyakhovsky, A. F.; Katrich, V. A.; Lyakhovsky, A. A. Waveguide-Slot Coupling Element Partially Filled with Dielectric // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p>

				<p>421-423. doi:10.1109/MSMW.2013.6622093</p> <p>5. Yatsuk, L. P., Blinova, N. K., Lyakhovsky, A. F., Lyakhovsky, A. A., &amp; Selutin, A. V. (2015). Theory questions of waveguide-slot structures with dielectric insertions. Paper presented at the 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, doi:10.1109/ICATT.2015.7136823</p> <p>6. Yatsuk, L. P., Lyakhovsky, A. F., &amp; Katrich, V. A. (2013). The physical properties of the resonant diaphragm in a rectangular waveguide with a slot partially filled with a dielectric. Paper presented at the Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 450-452. doi:10.1109/MSMW.2013.6622084</p> <p>7. Yatsuk, L. P., Lyakhovsky, A. F., Katrich, V. A., &amp; Lyakhovsky, A. A. (2016). Coupling of two rectangular waveguides through a diaphragm with a dielectric slab in the slot. Progress in Electromagnetics Research M, 49, 9-19. doi:10.2528/PIERM16042401</p> <p>8. Yatsuk, L. P., Lyakhovsky, A. F., Katrich, V. A., &amp; Lyakhovsky, A. A. (2016). Waveguide-slot coupling element partially filled with dielectric. Paper presented at the 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, doi:10.1109/MSMW.2016.7538049</p>		<p>5. Lyakhovsky, A. A.; Lyakhovsky, A. F. THE INFLUENCE OF AIR GAPS AT SLOWDOWN OF MAIN LM-MODE IN A WAVEGUIDE WITH MULTILAYER DIELECTRIC FILLING // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>6. Yatsuk, L. P.; Blinova, N. K.; Lyakhovsky, A. F.; Lyakhovsky, A. A.; Selutin, A. V. THEORY QUESTIONS OF WAVEGUIDE-SLOT STRUCTURES WITH DIELECTRIC INSERTIONS // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>7. Yatsuk, L. P.; Lyakhovsky, A. F.; Katrich, V. A. THE PHYSICAL PROPERTIES OF THE RESONANT DIAPHRAGM IN A RECTANGULAR WAVEGUIDE WITH A SLOT PARTIALLY FILLED WITH A DIELECTRIC // 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2013, pp.450-452.</p> <p>8. Yatsuk, L.; Kichigin, I.; Lyakhovsky, A.; Penkin, Yu. NARROW WAVEGUIDE-SLOT RADIATOR FILLED WITH LAYERED DIELECTRIC // 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2013, pp.421-423.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Муствецов Микола Петрович	5	<p>1. Antonenko, E. A., Katrych, V. A., Mustetsov, N. P., &amp; Karpov, A. I. (2012). Pulse wave registration method by the instrumentality of microstrip resonators. Paper presented at the CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 952-953.</p> <p>2. Katrych, V., Mustetsov, M., &amp; Kozheshkurt, V. (2017). Improvement of the model of temperature distribution and registration of native radiation of biological objects. Eastern-European Journal of Enterprise Technologies, 4(5-88), 10-16. doi:10.15587/1729-4061.2017.108834</p> <p>3. Shtoda, D., Antonenko, Y., Kozheshkurt, V., &amp; Mustetsov, M. (2018). Possibilities of using microwave imaging to study suspensions of copper and iron nanoparticles. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 264-268. doi:10.1109/UWBUSIS.2018.8520175</p> <p>4. Shtoda, D. A., Antonenko, E. A., &amp; Mustetsov, N. P. (2016). Possibilities of microwave imaging in medicine. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 175-178. doi:10.1109/UWBUSIS.2016.7724181</p> <p>5. Shtoda, D. O., Arkusha, Y. V., &amp; Mustetsov, M. P. (2017). The microwave imaging method for express diagnostic of cancer. Paper presented at the 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, 292-296. doi:10.1109/UKRCON.2017.8100459</p>	4	<p>1. Shtoda, Dmytro; Antonenko, Yevhenii; Kozheshkurt, Valentyn; Mustetsov, Mykola Possibilities of Using Microwave Imaging to Study Suspensions of Copper and Iron Nanoparticles // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.264-268.</p> <p>2. Mustetsov, M. P.; Bahan, S. O. Neural Network of the gestosis diagnosis system // VISNYK NTUU KPI SERIJA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA, 2018, (72), pp.42-46.</p> <p>3. Shtoda, Dmytro O.; Arkusha, Yurii V.; Mustetsov, Mykola P. The Microwave Imaging Method for Express Diagnostic of Cancer // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.293-297.</p> <p>4. Shtoda, D. A.; Antonenko, E. A.; Mustetsov, N. P. Possibilities of Microwave Imaging in Medicine // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.175-178.</p>
Радіо-фізики, біомедичної електроніки	Фізичної і біомедичної електроніки та	Антоненко Євгеній Олександрович	9	<p>1. Antonenko, E. A., Katrych, V. A., Mustetsov, N. P., &amp; Karpov, A. I. (2012). Pulse wave registration method by the instrumentality of microstrip resonators. Paper presented at the CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 952-953.</p>	4	<p>1. Antonenko, Yevhenii; Buriak, Mychailo; Osypenko, Oleksii; Shtoda, Dmytro; Chizh, Nikolay Wireless Charger for Implantable Biotelemetry System // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.260-263.</p> <p>2. Shtoda, Dmytro; Antonenko, Yevhenii; Kozheshkurt, Valentyn;</p>

ки та комп'ютерних систем	комплексних інформаційних технологій			<p>2. Antonenko, Y., Buriak, M., Osypenko, O., Shtoda, D., &amp; Chizh, N. (2018). Wireless charger for implantable biotelemetry system. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 260-263. doi:10.1109/UWBUSIS.2018.8520079</p> <p>3. Antonenko, Y. A., Mustetsov, T. N., Hamdi, R. R., MaŁecka-Massalska, T., Orshubekov, N., Dzierlak, R., &amp; Uvaysova, S. (2017). Double-compression method for biomedical images. Paper presented at the Proceedings of SPIE - the International Society for Optical Engineering, , 10445 doi:10.1117/12.2280989</p> <p>4. Antonenko, Y. A., &amp; Karpov, A. I. (2017). Small-size antenna array of cylindrical dielectric radiators. Paper presented at the 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, 205-208. doi:10.1109/DIPED.2017.8100602</p> <p>5. Antonenko, Y. A., Katrich, V. A., &amp; Karpov, A. I. (2013). The microstrip resonator for measurement of dielectric constant. Paper presented at the Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 37-40.</p> <p>6. Gorobets, N. N., Yeliseyeva, N. P., &amp; Antonenko, Y. A. (2012). Optimisation of radiation characteristics of wire-screened antennas. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 71(1), 59-69. doi:10.1615/TelecomRadEng.v71.i1.60</p> <p>7. Kozheshkurt, V., Antonenko, Y., Shtoda, D., Slipchenko, O., &amp; Katrych, V. (2018). Possibilities of impedance spectroscopy for the study of bioliquids. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 280-284. doi:10.1109/UWBUSIS.2018.8520236</p> <p>8. Shtoda, D., Antonenko, Y., Kozheshkurt, V., &amp; Mustetsov, M. (2018). Possibilities of using microwave imaging to study suspensions of copper and iron nanoparticles. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 264-268. doi:10.1109/UWBUSIS.2018.8520175</p> <p>9. Shtoda, D. A., Antonenko, E. A., &amp; Mustetsov, N. P. (2016). Possibilities of microwave imaging in medicine. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 175-178. doi:10.1109/UWBUSIS.2016.7724181</p>		<p>Mustetsov, Mykola Possibilities of Using Microwave Imaging to Study Suspensions of Copper and Iron Nanoparticles // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.264-268.</p> <p>3. Kozheshkurt, Valentyn; Antonenko, Yevhenii; Shtoda, Dmytro; Slipchenko, Olena; Katrych, Viktor Possibilities of Impedance Spectroscopy for the Study of Bioliquids // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.280-284.</p> <p>4. Shtoda, D. A.; Antonenko, E. A.; Mustetsov, N. P. Possibilities of Microwave Imaging in Medicine // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.175-178.</p>
Радіофізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Штода Дмитро Олексійович	5	<p>1. Antonenko, Y., Buriak, M., Osypenko, O., Shtoda, D., &amp; Chizh, N. (2018). Wireless charger for implantable biotelemetry system. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 260-263. doi:10.1109/UWBUSIS.2018.8520079</p> <p>2. Kozheshkurt, V., Antonenko, Y., Shtoda, D., Slipchenko, O., &amp; Katrych, V. (2018). Possibilities of impedance spectroscopy for the study of bioliquids. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 280-284. doi:10.1109/UWBUSIS.2018.8520236</p> <p>3. Shtoda, D., Antonenko, Y., Kozheshkurt, V., &amp; Mustetsov, M. (2018). Possibilities of using microwave imaging to study suspensions of copper</p>	5	<p>1. Antonenko, Yevhenii; Buriak, Mychailo; Osypenko, Oleksii; Shtoda, Dmytro; Chizh, Nikolay Wireless Charger for Implantable Biotelemetry System // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.260-263.</p> <p>2. Shtoda, Dmytro; Antonenko, Yevhenii; Kozheshkurt, Valentyn; Mustetsov, Mykola Possibilities of Using Microwave Imaging to Study Suspensions of Copper and Iron Nanoparticles // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.264-268.</p> <p>3. Kozheshkurt, Valentyn; Antonenko, Yevhenii; Shtoda, Dmytro; Slipchenko, Olena; Katrych, Viktor Possibilities of Impedance Spectroscopy for</p>

				<p>and iron nanoparticles. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 264-268. doi:10.1109/UWBUSIS.2018.8520175</p> <p>4. Shtoda, D. A., Antonenko, E. A., &amp; Mustetsov, N. P. (2016). Possibilities of microwave imaging in medicine. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 175-178. doi:10.1109/UWBUSIS.2016.7724181</p> <p>5. Shtoda, D. O., Arkusha, Y. V., &amp; Mustetsov, M. P. (2017). The microwave imaging method for express diagnostic of cancer. Paper presented at the 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, 292-296. doi:10.1109/UKRCON.2017.8100459</p>		<p>the Study of Bioliquids // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.280-284.</p> <p>4. Shtoda, Dmytro O.; Arkusha, Yurii V.; Mustetsov, Mykola P. The Microwave Imaging Method for Express Diagnostic of Cancer // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.293-297.</p> <p>5. Shtoda, D. A.; Antonenko, E. A.; Mustetsov, N. P. Possibilities of Microwave Imaging in Medicine // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.175-178.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Приходько Кирило Геннадійович	6	<p>1. Botsula, O.V., Prykhodko, K.H. &amp; Zozulia, V.A. 2017, "Impact ionization in short Alzgal-Zn-based diodes", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 76, no. 1, pp. 61-71.</p> <p>2. Botsula, O.V. &amp; Prykhodko, K.H. 2018, "Graded Band Diode for Noise Generation in Terahertz Range", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 336.</p> <p>3. Botsula, O.V. &amp; Prykhodko, K.H. 2016, "Static characteristics of the graded gap and heterojunction diodes containing the cathode static domain", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 163.</p> <p>4. Botsula, O.V., Prykhodko, K.H. &amp; Zozulia, V.O. 2018, "Monte Carlo Modeling of the Diodes with Lateral Resonant Tunneling Border", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 256.</p> <p>5. Botsula, O.V. &amp; Prykhodko, K.H. 2017, "Heterostructure-based diode with cathode static domain", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 76, no. 10, pp. 891-901.</p> <p>6. Prykhodko, K.H., Zozulia, V.O. &amp; Botsula, O.V. 2017, "Graded band gap InGaAs diodes for terahertz applications", 2017 IEEE International Young Scientists Forum on Applied Physics and Engineering, YSF 2017, pp. 291.</p>	4	<p>1. Botsula, O. V.; Prykhodko, K. H.; Zozulia, V. O. Monte Carlo Modeling of the Diodes with Lateral Resonant Tunneling Border // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.256-259.</p> <p>2. Botsula, O. V.; Prykhodko, K. H. Graded Band Diode for Noise Generation in Terahertz Range // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.336-339.</p> <p>3. Prykhodko, K. H.; Zozulia, V. O.; Botsula, O. V. Graded Band Gap InGaAs Diodes for Terahertz Applications // 2017 IEEE INTERNATIONAL YOUNG SCIENTISTS FORUM ON APPLIED PHYSICS AND ENGINEERING (YSF), 2017, pp.291-294.</p> <p>4. Botsula, O. V.; Prykhodko, K. H. Static Characteristics of the Graded Gap and Heterojunction Diodes Containing the Cathode Static Domain // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.163-166.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Кожешкурт Валентин Олександрович	5	<p>1. Katrych, V., Mustetsov, M., &amp; Kozheshkurt, V. (2017). Improvement of the model of temperature distribution and registration of native radiation of biological objects. Eastern-European Journal of Enterprise Technologies, 4(5-88), 10-16. doi:10.15587/1729-4061.2017.108834</p> <p>2. Kozheshkurt, V., Antonenko, Y., Shtoda, D., Slipchenko, O., &amp; Katrych, V. (2018). Possibilities of impedance spectroscopy for the study of bioliquids. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 280-284. doi:10.1109/UWBUSIS.2018.8520236</p> <p>3. Kozheshkurt, V. A., &amp; Katrich, V. A. (2016). Determining the depth of the temperature anomalies in biological tissue. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 171-174. doi:10.1109/UWBUSIS.2016.7724180</p>	4	<p>1. Kurselis, K.; Kozheshkurt, V.; Kiyan, R.; Chichkov, B.; Sajti, L. Thermally assisted nanosecond laser generation of ferric nanoparticles // APPLIED PHYSICS LETTERS, 2018, 112 (11), pp.-.</p> <p>2. Shtoda, Dmytro; Antonenko, Yevhenii; Kozheshkurt, Valentyn; Mustetsov, Mykola Possibilities of Using Microwave Imaging to Study Suspensions of Copper and Iron Nanoparticles // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.264-268.</p> <p>3. Kozheshkurt, Valentyn; Antonenko, Yevhenii; Shtoda, Dmytro; Slipchenko, Olena; Katrych, Viktor Possibilities of Impedance Spectroscopy for the Study of Bioliquids // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.280-284.</p>



				<p>4. Kurselis, K., Kozheshkurt, V., Kiyan, R., Chichkov, B., &amp; Sajti, L. (2018). Thermally assisted nanosecond laser generation of ferric nanoparticles. <i>Applied Physics Letters</i>, 112(11) doi:10.1063/1.5021763</p> <p>5. Shtoda, D., Antonenko, Y., Kozheshkurt, V., &amp; Mustetsov, M. (2018). Possibilities of using microwave imaging to study suspensions of copper and iron nanoparticles. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 264-268. doi:10.1109/UWBUSIS.2018.8520175</p>		<p>4. Kozheshkurt, V. A.; Katrich, V. A. Determining the Depth of the Temperature Anomalies in Biological Tissue // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.171-174.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Горобець Олексій Миколайович	13	<p>1. Atroshenko, L. M., Gorobets, N. N., Gorobets, A. N., Koshelev, A. V., Lebedev, A. S., Malukov, V. M., &amp; Mel, I. A. (2014). State and prospects of the system of testing areas for ground support of external calibration for space systems of earth's remote sensing. Paper presented at the CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 1145-1146. doi:10.1109/CRMICO.2014.6959801</p> <p>2. Atroshenko, L. M., Gorobets, N. N., Gorobets, A. N., Kostrikov, A. L., Krasnogorskiy, M. G., Lebedev, A. S., . . . Mehl, I. A. (2013). Use of facilities of commercial purposes for external calibration of space-based SAR. Paper presented at the CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 1150-1151.</p> <p>3. Atroshenko, L. M., Gorobets, N. N., Gorobets, A. N., Kostrikov, A. L., Krasnogorskiy, M. G., Lebedev, A. S., . . . Ratushnaya, E. S. (2012). Ground-calibration complex for space-based SAR. Paper presented at the CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 1005-1006.</p> <p>4. Gorobets, A. N. (2018). Building detection using processing of monochromatic earth observation image. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i>, 77(3), 243-256. doi:10.1615/TelecomRadEng.v77.i3.50</p> <p>5. Gorobets, A. N. (2017). Segmentation for detecting buildings in infrared space images. Paper presented at the 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 364-366. doi:10.1109/ICATT.2017.7972664</p> <p>6. Gorobets, A. N., Gorobets, N. N., &amp; Mahov, E. S. (2018). Impedance matching of dipole antennas by metal rod and disk placing. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 357-361. doi:10.1109/UWBUSIS.2018.8520148</p> <p>7. Gorobets, A. N., Yeliseyeva, N. P., Katrich, V. A., &amp; Nesterenko, M. V. (2017). Optimization of circularly polarized radiation of in-phase crossed impedance dipoles with screen. Paper presented at the 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 270-272. doi:10.1109/ICATT.2017.7972640</p> <p>8. Gorobets, N. N., Bulgakova, A. A., Lvashchenko, V. A., &amp; Gorobets, A. N. (2018). Optimizing the vibrator antenna, parallel to a flat screen, by the maximum directive gain in the normal direction. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort</p>	10	<p>1. Gorobets, A. N.; Gorobets, N. N.; Mahov, E. S. Impedance Matching of Dipole Antennas by Metal Rod and Disk Placing // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.357-361.</p> <p>2. Gorobets, Nikolay N.; Bulgakova, Anna A.; Lyashchenko, Valentina A.; Gorobets, Alexey N. Optimizing the Vibrator Antenna, Parallel to a Flat Screen, by the Maximum Directive gain in the Normal Direction // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.372-375.</p> <p>3. Gorobets, A. N. Segmentation for Detecting Buildings in Infrared Space Images // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.364-366.</p> <p>4. Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V.; Gorobets, A. N. Synthesis of Circularly Polarized Radiation by Inphase Crossed Impedance Wire Dipoles with Screen // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.98-101.</p> <p>5. Yeliseyeva, N. P.; Gorobets, A. N.; Katrich, V. A.; Pshenichnaya, S. V. Directional and Polarization Characteristics of Crossed Impedance Wire Dipoles with Square Screen // 2017 SECOND INTERNATIONAL CONFERENCE ON INFORMATION AND TELECOMMUNICATION TECHNOLOGIES AND RADIO ELECTRONICS (UKRMICO), 2017, pp.-.</p> <p>6. Gorobets, A. N.; Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V. Optimization of Circularly Polarized Radiation of In-phase Crossed Impedance Dipoles with Screen // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.270-272.</p> <p>7. Yeliseyeva, N. P.; Gorobets, N. N.; Gorobets, A. N. Characteristics of near field of the horizontal vibrator located above a square screen // <i>JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS</i>, 2016, 61 (7), pp.749-766.</p> <p>8. Yeliseyeva, N. P.; Gorobets, N. N.; Gorobets, A. N. CALCULATION OF NEAR FIELD OF DIPOLE PLACED ABOVE RECTANGULAR SCREEN // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>9. Gorobets, O. M.; Yeliseyeva, N. P.; Gorobets, M. M. Power and Polarization Patterns of a Circularly Polarized Four-Dipole Radiator with a Square Screen // 2014 20TH INTERNATIONAL CONFERENCE ON MICROWAVES, RADAR, AND WIRELESS COMMUNICATION (MIKON), 2014, pp.-.</p> <p>10. Atroshenko, L. M.; Gorobets, N. N.; Gorobets, A. N.; Koshelev, A., V;</p>

				<p>Impulse Signals, Proceedings, 372-375. doi:10.1109/UWBUSIS.2018.8520248</p> <p>9. Yeliseyeva, N. P., Gorobets, A. N., Katrich, V. A., &amp; Nesterenko, M. V. (2017). Radiation fields of a system of two impedance crossed vibrators excited in-phase and placed over a rectangular screen. Progress in Electromagnetics Research B, 77(1) doi:10.2528/PIERB17052503</p> <p>10. Yeliseyeva, N. P., Gorobets, A. N., Katrich, V. A., &amp; Pshenichnaya, S. V. (2017). Directional and polarization characteristics of crossed impedance wire dipoles with square screen. Paper presented at the 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, doi:10.1109/UkrMiCo.2017.8095374</p> <p>11. Yeliseyeva, N. P., Gorobets, N. N., &amp; Gorobets, A. N. (2015). Calculation of near field of dipole placed above rectangular screen. Paper presented at the 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, doi:10.1109/ICATT.2015.7136794</p> <p>12. Yeliseyeva, N. P., Gorobets, N. N., &amp; Gorobets, A. N. (2016). Characteristics of near field of the horizontal vibrator located above a square screen. Journal of Communications Technology and Electronics, 61(7), 749-766. doi:10.1134/S1064226916070044</p> <p>13. Yeliseyeva, N. P., Katrich, V. A., Nesterenko, M. V., &amp; Gorobets, A. N. (2017). Synthesis of circularly polarized radiation by inphase crossed impedance wire dipoles with screen. Paper presented at the 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, 98-101. doi:10.1109/UKRCON.2017.8100378</p>		<p>Lebedev, A. S.; Malukov, V. M.; Mel, I. A. STATE AND PROSPECTS OF THE SYSTEM OF TESTING AREAS FOR GROUND SUPPORT OF EXTERNAL CALIBRATION FOR SPACE SYSTEMS OF EARTH'S REMOTE SENSING // 2014 24TH INTERNATIONAL CRIMEAN CONFERENCE MICROWAVE &amp; TELECOMMUNICATION TECHNOLOGY (CRIMICO), 2014, pp.1145-1146.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Яцук Людмила Прокопівна	22	<p>1. Blinova, N., Yatsuk, L., Lyahovskiy, A., Kiyko, V., &amp; Selutin, A. (2018). A slot in the end wall of a rectangular waveguide with a dielectric insert as an irradiator of fragments of the material medium. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 194-197. doi:10.1109/UWBUSIS.2018.8520185</p> <p>2. Blinova, N., Yatsuk, L., Lyahovskiy, A., Kiyko, V., &amp; Selutin, A. (2018). A slot in the end wall of a rectangular waveguide with a dielectric insert as an irradiator of fragments of the material medium. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 194-197. doi:10.1109/UWBUSIS.2018.8520106</p> <p>3. Blinova, N., Yatsuk, L., &amp; Lyakhovskiy, A. (2012). Energy parameters and directional characteristics of a finite system of transverse slots in rectangular waveguide with the dielectric layer. Paper presented at the 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 294-296. doi:10.1109/UWBUSIS.2012.6379810</p> <p>4. Blinova, N. K., &amp; Yatsuk, L. P. (2013). Optimization of parameters of resonance system based on transverse slots in the rectangular waveguide with slow-wave structure. Paper presented at the 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 160-162. doi:10.1109/ICATT.2013.6650711</p> <p>5. Blinova, N. K., Yatsuk, L. P., &amp; Sachko, V. O. (2016). Energy</p>	13	<p>1. Blinova, Natalya; Yatsuk, Ludmila; Lyahovskiy, Anatoliy; Kiyko, Viktor; Selutin, Andrey A Slot in the End Wall of a Rectangular Waveguide with a Dielectric Insert as an Irradiator of Fragments of the Material Medium // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.194-197.</p> <p>2. Lyakhovskiy, Anatoly; Katrich, Viktor; Dumin, Oleksandr; Yatsuk, Ludmila; Lyakhovskiy, Andrey Electromagnetic Wave Scattering on Longitudinal Slot with Layered Medium in Rectangular Waveguide // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.226-229.</p> <p>3. Blinova, N. K.; Yatsuk, L. P.; Selutin, A. V. Microwave Irradiator in the Form of a Piece of Rectangular Waveguide with Dielectric Insertion and Narrow Slot // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.246-249.</p> <p>4. Lyakhovskiy, A. F.; Yatsuk, L. P.; Lyakhovskiy, A. A. Coupling of Waveguide with Resonator through Diaphragm with Slot with Dielectric Slab // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.321-324.</p> <p>5. Yatsuk, Ludmila P.; Lyakhovskiy, Anatoly F.; Katrich, Victor A.; Lyakhovskiy, Andrey A. Coupling of Two Rectangular Waveguides through a Diaphragm with a Dielectric Slab in the Slot // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 49 (), pp.9-19.</p> <p>6. Nesterenko, M. V.; Katrich, V. A.; Yatsuk, L. P.; Blinova, N. K.; Penkin, Yu. M.; Dakhov, V. M. Directional Characteristics of an Antenna Array</p>

			<p>characteristics of wire vibrator connecting a rectangular waveguide and the free half space through a small hole. Paper presented at the 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, doi:10.1109/MSMW.2016.7538052</p> <p>6. Blinova, N. K., Yatsuk, L. P., Sachko, V. O., &amp; Selutin, A. V. (2016). On the reliability of the mathematical model of coupling the waveguide and free half space by a wire segment through a small round aperture. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 136-138. doi:10.1109/UWBUSIS.2016.7724170</p> <p>7. Blinova, N. K., Yatsuk, L. P., &amp; Selutin, A. V. (2017). Microwave irradiator in the form of a piece of rectangular waveguide with dielectric insertion and narrow slot. Paper presented at the 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 246-249. doi:10.1109/ICATT.2017.7972633</p> <p>8. Blinova, N. K., Yatsuk, L. P., &amp; Selyutin, A. V. (2016). Synthesis of a transverse slot grating in a slow wave-supporting waveguide with specified power and directivity characteristics in the case of frequency scanning. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 75(9), 771-780. doi:10.1615/TelecomRadEng.v75.i9.20</p> <p>9. Lyakhovsky, A., Katrich, V., Dumin, O., Yatsuk, L., &amp; Lyakhovsky, A. (2018). Electromagnetic wave scattering on longitudinal slot with layered medium in rectangular waveguide. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 226-229. doi:10.1109/UWBUSIS.2018.8520015</p> <p>10. Lyakhovsky, A. F., Yatsuk, L. P., &amp; Lyakhovsky, A. A. (2017). Coupling of waveguide with resonator through diaphragm with slot with dielectric slab. Paper presented at the 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 321-324. doi:10.1109/ICATT.2017.7972654</p> <p>11. Lyashchenko, V., Yatsuk, L., &amp; Medvedev, N. (2018). Mathematical model of transverse circumferential slots in coaxial line shield with nonhomogeneous dielectric interior. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 366-371. doi:10.1109/UWBUSIS.2018.8520068</p> <p>12. Nesterenko, M. V., Katrich, V. A., Yatsuk, L. P., Blinova, N. K., Penkin, Y. M., &amp; Dakhov, V. M. (2016). Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere. Paper presented at the International Conference on Mathematical Methods in Electromagnetic Theory, MMET, , 2016-August 388-391. doi:10.1109/MMET.2016.7543971</p> <p>13. Penkin, D. Y., &amp; Yatsuk, L. P. (2014). Analysis of energy characteristics of the transversal slot in a wide wall of a rectangular waveguide with local dielectric inclusion. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 73(8), 669-680. doi:10.1615/TelecomRadEng.v73.i8.20</p> <p>14. Selutin, A., Blinova, N., &amp; Yatsuk, L. (2012). Energy and polarization characteristics of X-slots in the waveguide with a dielectric heterogeneity and complex load. Paper presented at the 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 -</p>	<p>of Monopoles on a Perfectly Conducting Sphere // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.388-391.</p> <p>7. Blinova, N. K.; Yatsuk, L. P.; Sachko, V. O.; Selutin, A. V. On the Reliability of the Mathematical Model of Coupling the Waveguide and Free Half Space by a Wire Segment Through a Small Round Aperture // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.136-138.</p> <p>8. Blinova, N. K.; Yatsuk, L. P.; Sachko, V. O. Energy Characteristics of Wire Vibrator Connecting a Rectangular Waveguide and the Free Half Space through a Small Hole // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>9. Yatsuk, L. P.; Lyakhovsky, A. F.; Katrich, V. A.; Lyakhovsky, A. A. Waveguide-Slot Coupling Element Partially Filled with Dielectric // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>10. Yatsuk, L. P.; Blinova, N. K.; Lyakhovsky, A. F.; Lyakhovsky, A. A.; Selutin, A. V. THEORY QUESTIONS OF WAVEGUIDE-SLOT STRUCTURES WITH DIELECTRIC INSERTIONS // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>11. Yatsuk, L. P.; Lyakhovsky, A. F.; Katrich, V. A. THE PHYSICAL PROPERTIES OF THE RESONANT DIAPHRAGM IN A RECTANGULAR WAVEGUIDE WITH A SLOT PARTIALLY FILLED WITH A DIELECTRIC // 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2013, pp.450-452.</p> <p>12. Yatsuk, L.; Kichigin, I.; Lyakhovsky, A.; Penkin, Yu. NARROW WAVEGUIDE-SLOT RADIATOR FILLED WITH LAYERED DIELECTRIC // 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2013, pp.421-423.</p> <p>13. Yatsuk, L. P. Development of the Fel'd's Concepts on the Slotted Waveguide Devices in the Works of Researchers from the Karazin National University // JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS, 2012, 57 (9), pp.964-971.</p>
--	--	--	--	---

				<p>Conference Proceedings, 281-283. doi:10.1109/UWBUSIS.2012.6379806</p> <p>15. Yatsuk, L., Kichigin, I., Lyakhovsky, A., &amp; Penkin, Y. (2013). Narrow waveguide-slot radiator filled with layered dielectric. Paper presented at the Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 421-423. doi:10.1109/MSMW.2013.6622093</p> <p>16. Yatsuk, L. P. (2012). Development of the fel'd's concepts on the slotted waveguide devices in the works of researchers from the karazin national university. Journal of Communications Technology and Electronics, 57(9), 964-971. doi:10.1134/S1064226912090148</p> <p>17. Yatsuk, L. P., &amp; Blinova, N. K. (2017). Radiation from a narrow slot cut through the end face wall of the semi-infinite rectangular waveguide with a dielectric plug inside. part 1: Solving of the electrodynamic problem. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 76(15), 1323-1337. doi:10.1615/TelecomRadEng.v76.i15.20</p> <p>18. Yatsuk, L. P., Blinova, N. K., Lyakhovsky, A. F., Lyakhovsky, A. A., &amp; Selutin, A. V. (2015). Theory questions of waveguide-slot structures with dielectric insertions. Paper presented at the 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, doi:10.1109/ICATT.2015.7136823</p> <p>19. Yatsuk, L. P., Lyakhovsky, A. F., &amp; Katrich, V. A. (2013). The physical properties of the resonant diaphragm in a rectangular waveguide with a slot partially filled with a dielectric. Paper presented at the Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 450-452. doi:10.1109/MSMW.2013.6622084</p> <p>20. Yatsuk, L. P., Lyakhovsky, A. F., Katrich, V. A., &amp; Lyakhovsky, A. A. (2016). Coupling of two rectangular waveguides through a diaphragm with a dielectric slab in the slot. Progress in Electromagnetics Research M, 49, 9-19. doi:10.2528/PIERM16042401</p> <p>21. Yatsuk, L. P., Lyakhovsky, A. F., Katrich, V. A., &amp; Lyakhovsky, A. A. (2016). Waveguide-slot coupling element partially filled with dielectric. Paper presented at the 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, doi:10.1109/MSMW.2016.7538049</p> <p>22. Yatsuk, L. P., &amp; Vusik, A. A. (2013). Thin-wire coupling element of adjacent electrodynamic volumes. Paper presented at the 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 157-159. doi:10.1109/ICATT.2013.6650710</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Космічної радіо-фізики	Чорногор Леонід Феоктистович	62	<p>1. Panasenko S. V., Potapov A. A., Chernogor L. F. Results of Applying the Algorithms Based on the Theory of Optimal Detection and Optimal Estimation to Analysis of the Envelope Soliton // Journal of Communications Technology and Electronics. – 2012. – V. 57, No 3. – Pp 301 – 309.DOI: 10.1134/S1064226912030163</p> <p>2. Burmaka V. P., Chernogor L. F. Wave Disturbances in the Ionosphere during a Lasting Solar Activity Minimum // Geomagnetism and Aeronomy. – 2012. – V. 52, No 2. – Pp. 183 – 196.DOI: 10.1134/S001679321202003X</p> <p>3. Chernogor L. F., Frolov V. L. Traveling ionospheric disturbances</p>	60	<p>1. Panasenko S. V., Potapov A. A., Chernogor L. F. Results of Applying the Algorithms Based on the Theory of Optimal Detection and Optimal Estimation to Analysis of the Envelope Soliton // Journal of Communications Technology and Electronics. – 2012. – V. 57, No 3. – Pp 301 – 309.DOI: 10.1134/S1064226912030163</p> <p>2. Burmaka V. P., Chernogor L. F. Wave Disturbances in the Ionosphere during a Lasting Solar Activity Minimum // Geomagnetism and Aeronomy. – 2012. – V. 52, No 2. – Pp. 183 – 196.DOI: 10.1134/S001679321202003X</p> <p>3. Chernogor L. F., Frolov V. L. Traveling ionospheric disturbances</p>

			<p>generated due to periodic plasma heating by high-power high-frequency radiation // Radiophysics and Quantum Electronics. – 2012. – V. 55, No 1 – 2. – Pp. 13 – 32. DOI: 10.1007/s11141-012-9346-4</p> <p>4. Chernogor L. F., Domnin I. F., Panasenko S. V., Uryadov V. P. Aperiodic large-scale disturbances in the ionospheric E region stimulated by high-power HF heating // Radiophysics and Quantum Electronics. – 2012. – V. 55, No 3. – Pp. 156 – 167. DOI: 10.1007/s11141-012-9356-2</p> <p>5. Domnin I. F., Panasenko S. V., Uryadov V. P., Chernogor L. F. Results of radiophysical studies of the wave processes in the ionospheric plasma during its heating by high-power radio emission of the Sura facility // Radiophysics and Quantum Electronics. – 2012. – V. 55, № 4. – Pp. 253 – 265. DOI: 10.1007/s11141-012-9364-2</p> <p>6. Chernogor L. F., Frolov V. L., Pushin V. F. Infrasound oscillations in the ionosphere affected by high-power radio waves // Radiophysics and Quantum Electronics. – 2012. – V. 55, No 5. – Pp. 296 – 308. DOI: 10.1007/s11141-012-9369-x</p> <p>7. Chernogor L. F. Effects of Solar Eclipses in the Ionosphere: Doppler Sounding Results: 2. Spectral Analysis // Geomagnetism and Aeronomy. – 2012. – V. 52, No 6. – Pp. 779 – 792. DOI: 10.1134/S0016793212050040</p> <p>8. Chernogor L. F. Effects of solar eclipses in the ionosphere: Results of Doppler sounding: 1. Experimental data // Geomagnetism and Aeronomy. – 2012. – V. 52, No 6. – Pp. 768 – 778. DOI: 10.1134/S0016793212050039</p> <p>9. Domnin I. F., Yemel'yanov L. Ya., Kotov D. V., Lyashenko M. V., Chernogor L. F. Solar Eclipse of August 1, 2008, above Kharkov: 1. Results of Incoherent Scatter Observations // Geomagnetism and Aeronomy. – 2013. – V. 53, No 1. – Pp. 113 – 123. DOI: 10.1134/S0016793213010076</p> <p>10. Chernogor L. F. Physical Processes in the Middle Ionosphere Accompanying the Solar Eclipse of January 4, 2011, in Kharkov // Geomagnetism and Aeronomy. – 2013. – V. 53, No 1. – Pp. 19 – 31. DOI: 10.1134/S0016793213010052</p> <p>11. Lyashenko M. V., Chernogor L. F. Solar eclipse of August 1, 2008, over Kharkov: 3. Calculation Results and discussion // Geomagnetism and Aeronomy. – 2013. – Vol. 53, No. 3. – Pp. 367 – 376. DOI: 10.1134/S0016793213020096</p> <p>12. Burmaka V. P., Chernogor L. F. Solar Eclipse of August 1, 2008, above Kharkov: 2. Observation Results of Wave Disturbances in the Ionosphere // Geomagnetism and Aeronomy. – 2013. – Vol. 53, No. 4. – Pp. 479 – 491. DOI: 10.1134/S001679321304004X</p> <p>13. Chernogor L. F., Rozumenko V. T. The physical effects associated with Chelyabinsk meteorite's passage // Problems of Atomic Science and Technology. – 2013. – Vol. 86, No 4. – Pp. 136 – 139.</p> <p>14. Chernogor L. F., Frolov V. L. Features of Propagation of the Acoustic-Gravity Waves Generated by High-Power Periodic Radiation // Radiophysics and Quantum Electronics. – 2013. – V. 56, No 4. – Pp. 197 – 215. DOI: 10.1007/s11141-013-9426-0</p> <p>15. Chernogor L. F., Frolov V. L. Features of the Wave Disturbances in the Ionosphere during Periodic Heating of the Plasma by the "Sura" Radiation // Radiophysics and Quantum Electronics. – 2013. – V. 56, No 5. – Pp. 276 – 289. DOI: 10.1007/s11141-013-9432-2</p> <p>16. Chernogor L. F. Geomagnetic Effect of Launches and Flights of Large</p>	<p>generated due to periodic plasma heating by high-power high-frequency radiation // Radiophysics and Quantum Electronics. – 2012. – V. 55, No 1 – 2. – Pp. 13 – 32. DOI: 10.1007/s11141-012-9346-4</p> <p>4. Chernogor L. F., Domnin I. F., Panasenko S. V., Uryadov V. P. Aperiodic large-scale disturbances in the ionospheric E region stimulated by high-power HF heating // Radiophysics and Quantum Electronics. – 2012. – V. 55, No 3. – Pp. 156 – 167. DOI: 10.1007/s11141-012-9356-2</p> <p>5. Domnin I. F., Panasenko S. V., Uryadov V. P., Chernogor L. F. Results of radiophysical studies of the wave processes in the ionospheric plasma during its heating by high-power radio emission of the Sura facility // Radiophysics and Quantum Electronics. – 2012. – V. 55, № 4. – Pp. 253 – 265. DOI: 10.1007/s11141-012-9364-2</p> <p>6. Chernogor L. F., Frolov V. L., Pushin V. F. Infrasound oscillations in the ionosphere affected by high-power radio waves // Radiophysics and Quantum Electronics. – 2012. – V. 55, No 5. – Pp. 296 – 308. DOI: 10.1007/s11141-012-9369-x</p> <p>7. Chernogor L. F. Effects of Solar Eclipses in the Ionosphere: Doppler Sounding Results: 2. Spectral Analysis // Geomagnetism and Aeronomy. – 2012. – V. 52, No 6. – Pp. 779 – 792. DOI: 10.1134/S0016793212050040</p> <p>8. Chernogor L. F. Effects of solar eclipses in the ionosphere: Results of Doppler sounding: 1. Experimental data // Geomagnetism and Aeronomy. – 2012. – V. 52, No 6. – Pp. 768 – 778. DOI: 10.1134/S0016793212050039</p> <p>9. Domnin I. F., Yemel'yanov L. Ya., Kotov D. V., Lyashenko M. V., Chernogor L. F. Solar Eclipse of August 1, 2008, above Kharkov: 1. Results of Incoherent Scatter Observations // Geomagnetism and Aeronomy. – 2013. – V. 53, No 1. – Pp. 113 – 123. DOI: 10.1134/S0016793213010076</p> <p>10. Chernogor L. F. Physical Processes in the Middle Ionosphere Accompanying the Solar Eclipse of January 4, 2011, in Kharkov // Geomagnetism and Aeronomy. – 2013. – V. 53, No 1. – Pp. 19 – 31. DOI: 10.1134/S0016793213010052</p> <p>11. Chernogor L. F., Rozumenko V. T. The physical effects associated with Chelyabinsk meteorite's passage // Problems of Atomic Science and Technology. – 2013. – Vol. 86, No 4. – Pp. 136 – 139.</p> <p>12. Lyashenko M. V., Chernogor L. F. Solar eclipse of August 1, 2008, over Kharkov: 3. Calculation Results and discussion // Geomagnetism and Aeronomy. – 2013. – Vol. 53, No. 3. – Pp. 367 – 376. DOI: 10.1134/S0016793213020096</p> <p>13. Burmaka V. P., Chernogor L. F. Solar Eclipse of August 1, 2008, above Kharkov: 2. Observation Results of Wave Disturbances in the Ionosphere // Geomagnetism and Aeronomy. – 2013. – Vol. 53, No. 4. – Pp. 479 – 491. DOI: 10.1134/S001679321304004X</p> <p>14. Chernogor L. F., Frolov V. L. Features of Propagation of the Acoustic-Gravity Waves Generated by High-Power Periodic Radiation // Radiophysics and Quantum Electronics. – 2013. – V. 56, No 4. – Pp. 197 – 215. DOI: 10.1007/s11141-013-9426-0</p> <p>15. Chernogor L. F., Frolov V. L. Features of the Wave Disturbances in the Ionosphere during Periodic Heating of the Plasma by the "Sura" Radiation // Radiophysics and Quantum Electronics. – 2013. – V. 56, No 5. – Pp. 276 – 289. DOI: 10.1007/s11141-013-9432-2</p> <p>16. Chernogor L. F. Geomagnetic Effect of Launches and Flights of Large</p>
--	--	--	---	---

			<p>Spacecraft // Cosmic Research. – 2013. – V. 51, No 6. – Pp. 413 – 426.DOI: 10.1134/S0010952513050031</p> <p>17. Chernogor L. F. Radar detection of mini-asteroids // Radioelectronics and communications systems. – 2013. – V. 56, № 11. – P. 544 – 551.DOI: 10.3103/S073527271311006X</p> <p>18. Domnin I. F., Emelyanov L. Y., Lyashenko M. V., Chernogor L. F. Partial solar eclipse of January 4, 2011 above Kharkiv: Observation and simulations results // Geomagnetism and Aeronomy. – 2014. – V. 54, N. 5. – P. 583 – 592.DOI: 10.1134/S0016793214040112</p> <p>19. Chernogor L. F., Frolov V. L., Barabash V. V. Aperiodic Large-Scale Disturbances in the Lower Ionosphere. Ionosonde Observation Results // Radiophysics and Quantum Electronics. – 2014. – V. 57, N 2 – P. 100–116.DOI: 10.1007/s11141-014-9496-7</p> <p>20. Chernogor L. F., Barabash V. V. Ionosphere disturbances accompanying the flight of the Chelyabinsk body // Kinematics and Physics of Celestial Bodies. – 2014. – V. 30, N. 3. – Pp. 126–136.DOI: 10.3103/S0884591314030039</p> <p>21. Chernogor L. F., Frolov V. L. Geomagnetic Pulsation Amplitude and Spectrum Variations Accompanying the Ionospheric Heating by High-Power Radio waves from the Sura Facility // Radiophysics and Quantum Electronics. – 2014. – V. 57, No. 5. – 340 – 359.DOI: 10.1007/s11141-014-9518-5</p> <p>22. Chernogor L. F. Geomagnetic field effects of the Chelyabinsk meteoroid // Geomagnetism and Aeronomy. – 2014. – V. 54, N. 5. – Pp. 613 – 624.DOI: 10.1134/S001679321405003X</p> <p>23. Chernogor L. F. Large-scale disturbances in the earth's magnetic field associated with the chelyabinsk meteorite event // Telecommunications and Radio Engineering. – 2014. – V. 73. – P. 1105 – 1115.DOI: 10.1615/TelecomRadEng.v73.i12.60</p> <p>24. Chernogor L. F. Mechanisms of generating infrasound oscillations in the upper atmosphere by periodic powerful radio emissions // Telecommunications and radio engineering. – 2012. – V. 14, No. 4. – P. 329–352.DOI: 10.1615/TelecomRadEng.v73.i4.40</p> <p>25. Chernogor L. F., Lazorenko O. V., Onishchenko A. A. Fractal analysis of the fractal ultra-wideband signals // Problems of Atomic Science and Technology. – 2015. – № 4(98). – Вып. 9. – С. 248–251.</p> <p>26. Chernogor L. F., Kravchenko S. G., Lazorenko O. V. System spectral analysis of the fractal ultra-wideband signals // Problems of Atomic Science and Technology. – 2015. – № 4(98). – Вып. 9. – С. 244–247.</p> <p>27. Chernogor L. F. Ionospheric effects of the Chelyabinsk meteoroid // Geomagnetism and Aeronomy. – 2015. – Vol. 55, No. 3 – P. 353–368.DOI: 10.1134/S0016793215030044</p> <p>28. Chernogor L. F., Panasenko S. V., Frolov V. L., Domnin I. F. Observations of the Ionospheric Wave Disturbances Using the Kharkov Incoherent Scatter Radar upon RF Heating of the Near-Earth Plasma// Radiophysics and Quantum Electronics. – 2015. – V. 58, N2. – P. 79-91.DOI: 10.1007/s11141-015-9583-4</p> <p>29. Dmytro V. Kotov, Vladimir Truhlik, Phil G. Richards, Stanimir Stankov, Oleksandr V. Bogomaz, Leonid F. Chernogor, Igor F. Domnin. Night-time light ion transition height behaviour over the Kharkiv (50°N, 36°E) IS radar during the equinoxes of 2006 – 2010 // Journal of Atmospheric and Solar-Terrestrial Physics.</p>	<p>Spacecraft // Cosmic Research. – 2013. – V. 51, No 6. – Pp. 413 – 426. DOI: 10.1134/S0010952513050031</p> <p>17. Chernogor L. F., Barabash V. V. Ionosphere disturbances accompanying the flight of the Chelyabinsk body // Kinematics and Physics of Celestial Bodies. – 2014. – V. 30, N. 3. – Pp. 126–136.DOI: 10.3103/S0884591314030039</p> <p>18. Chernogor L. F., Frolov V. L., Barabash V. V. Aperiodic Large-Scale Disturbances in the Lower Ionosphere. Ionosonde Observation Results // Radiophysics and Quantum Electronics. – 2014. – V. 57, N 2 – P. 100–116.DOI: 10.1007/s11141-014-9496-7</p> <p>19. Chernogor L. F. Geomagnetic field effects of the Chelyabinsk meteoroid // Geomagnetism and Aeronomy. – 2014. – V. 54, N. 5. – Pp. 613 – 624.DOI: 10.1134/S001679321405003X</p> <p>20. Domnin I. F., Emelyanov L. Y., Lyashenko M. V., Chernogor L. F. Partial solar eclipse of January 4, 2011 above Kharkiv: Observation and simulations results // Geomagnetism and Aeronomy. – 2014. – V. 54, N. 5. – P. 583 – 592.DOI: 10.1134/S0016793214040112</p> <p>21. Chernogor L. F., Frolov V. L. Geomagnetic Pulsation Amplitude and Spectrum Variations Accompanying the Ionospheric Heating by High-Power Radio waves from the Sura Facility // Radiophysics and Quantum Electronics. – 2014. – V. 57, No. 5. – 340 – 359.DOI: 10.1007/s11141-014-9518-5</p> <p>22. Гармаш К. П., Черногор Л. Ф. Результати спостережень динамічних процесів в іоносфері, що супроводжують вплив акустичного випромінювання на приземну атмосферу // Космічна наука та технологія. – 2015 – Т.21, №1. – С.54–57.DOI: 10.15407/knit2015.01.054</p> <p>23. Chernogor L. F., Lazorenko O. V., Onishchenko A. A. Fractal analysis of the fractal ultra-wideband signals // Problems of Atomic Science and Technology. – 2015. – № 4(98). – Вып. 9. – С. 248–251.</p> <p>24. Chernogor L. F., Kravchenko S. G., Lazorenko O. V. System spectral analysis of the fractal ultra-wideband signals // Problems of Atomic Science and Technology. – 2015. – № 4(98). – Вып. 9. – С. 244–247.</p> <p>25. Chernogor L. F. Ionospheric effects of the Chelyabinsk meteoroid // Geomagnetism and Aeronomy. – 2015. – Vol. 55, No. 3 – P. 353–368.DOI: 10.1134/S0016793215030044</p> <p>26. Chernogor L. F., Panasenko S. V., Frolov V. L., Domnin I. F. Observations of the Ionospheric Wave Disturbances Using the Kharkov Incoherent Scatter Radar upon RF Heating of the Near-Earth Plasma// Radiophysics and Quantum Electronics. – 2015. – V. 58, N2. – P. 79-91.DOI: 10.1007/s11141-015-9583-4</p> <p>27. Dmytro V. Kotov, Vladimir Truhlik, Phil G. Richards, Stanimir Stankov, Oleksandr V. Bogomaz, Leonid F. Chernogor, Igor F. Domnin. Night-time light ion transition height behaviour over the Kharkiv (50°N, 36°E) IS radar during the equinoxes of 2006 – 2010 // Journal of Atmospheric and Solar-Terrestrial Physics. – 2015. – V. 132 – P. 1–12.DOI: 10.1016/j.jastp.2015.06.004</p> <p>28. Chernogor L. F. Wave Processes in the Ionosphere over Europe that Accompanied the Solar Eclipse of March 20, 2015. // Kinematics and Physics of Celestial Bodies. – 2016. – V. 32, №4. – P. 196–206.DOI: 10.3103/S0884591316040024</p> <p>29. Kotov D. V., Richards P. G., Bogomaz O.V., Chernogor L. F., Truhlik V., Emelyanov, L.Y., Chepurnyy Y. M., Domnin I. F. The importance of neutral</p>
--	--	--	---	--

			<p>– 2015. – V. 132 – P. 1–12.DOI: 10.1016/j.jastp.2015.06.004</p> <p>30. Chernogor L. F. Physical effects associated with passage and burst of the Chelyabinsk meteoroid // Telecommunications and Radio Engineering. – 2016. – V. 75, № 15. – P. 1409 – 1416.DOI: 10.1615/TelecomRadEng.v75.i15.90</p> <p>31. Kotov D. V., Richards P. G., Bogomaz O.V., Chernogor L. F., Truhlik V., Emelyanov, L.Y., Chepurnyy Y. M., Domnin I. F. The importance of neutral hydrogen for the maintenance of the midlatitude winter nighttime ionosphere: Evidence from IS observations at Kharkiv, Ukraine, and field line interhemispheric plasma model simulations // Journal of Geophysical Research: Space Physics. – 2016. – V. 121, №7. – P. 7013 – 7025.DOI: 10.1002/2016JA022442</p> <p>32. Chernogor L. F. Wave Processes in the Ionosphere over Europe that Accompanied the Solar Eclipse of March 20, 2015. // Kinematics and Physics of Celestial Bodies. – 2016. – V. 32, №4. – P. 196–206.DOI: 10.3103/S0884591316040024</p> <p>33. Chernogor L. F. Atmosphere–Ionosphere response to Solar Eclipse over Kharkiv on March 20, 2015 // Geomagnetism and aeronomy. – 2016. – V. 56, № 5. – P. 592 – 603.DOI: 10.1134/S0016793216050030</p> <p>34. Chernogor L. F., Garmash K. P. Magneto-Ionospheric Effects of the Solar Eclipse of March 20, 2015, over Kharkov. Geomagnetism and Aeronomy. – 2017. – Vol. 57. – No. 1. – Pp. 72–83.DOI: 10.1134/S0016793216060062</p> <p>35. Chernogor L. F. Telluric Currents Have No Significant Effect on the Earth's Core Seismicity. – Geomagnetism and Aeronomy. – 2017. – Vol. 57. – No. 1. – Pp. 119–120.DOI: 10.1134/S0016793216060074</p> <p>36. Chernogor L. F., Liashchuk O. I. Parameters of Infrasonic Waves Generated by the Chelyabinsk Meteoroid on February 15, 2013. Kinematics and Physics of Celestial Bodies. – 2017. – Vol. 33. – No. 2. – Pp. 79 – 87.DOI: 10.3103/S0884591317020027</p> <p>37. Chernogor L. F. Atmospheric effects of the gas-dust plume of the Chelyabinsk meteoroid of 2013. – Izvestiya, Atmospheric and Oceanic Physics. – 2017. – Vol. 53. – No. 3. – Pp. 259–268.DOI: 10.1134/S0001433817030033</p> <p>38. Lazorenko O. V., Chernogor L. F. System Spectral Analysis of Infrasonic Signal Generated by Chelyabinsk Meteoroid. – Radioelectronics and Communications Systems. – 2017. – Vol. 60, No. 8. – P. 331–338.DOI: 10.3103/S0735272717080015</p> <p>39. Chernogor L. F. Disturbance in the Lower Ionosphere That Accompanied the Reentry of the Chelyabinsk Cosmic Body. – Cosmic Research. – 2017. – Vol. 55. – No. 5. – P. 323–332.DOI: 10.1134/S0010952517050033</p> <p>40. Chernogor L. F., Liashchuk O. I. Infrasound observations of the bolide explosion over Romania on January 7, 2015. Kinematics and Physics of Celestial Bodies. – 2017. – Vol. 33. – No. 6. – Pp. 276 – 290.DOI: 10.3103/S0884591317060022</p> <p>41. Chernogor L.F., Garmash K. P., Lazorenko O. V., Onishchenko A. A. Multi-Fractal Analysis of the Earth's Electromagnetic Field Time Variations Caused by the Powerful Geospace Storm Occurred on September 7 – 8, 2017 // Problems an Atomic Science and Technology. – №4 (116). – P. 118 – 121.</p> <p>42. Chernogor L.F., Lazorenko O. V., Onishchenko A. A. Dispersive Distortions of the Fractal Ultra-Wideband Signals in Plasma Media // Problems an Atomic Science and Technology. – №4 (116). – P. 135 – 138.</p>	<p>hydrogen for the maintenance of the midlatitude winter nighttime ionosphere: Evidence from IS observations at Kharkiv, Ukraine, and field line interhemispheric plasma model simulations // Journal of Geophysical Research: Space Physics. – 2016. – V. 121, №7. – P. 7013 – 7025.DOI: 10.1002/2016JA022442</p> <p>30. Chernogor L. F. Atmosphere–Ionosphere response to Solar Eclipse over Kharkiv on March 20, 2015 // Geomagnetism and aeronomy. – 2016. – V. 56, № 5. – P. 592 – 603.DOI: 10.1134/S0016793216050030</p> <p>31. Chernogor L. F. Telluric Currents Have No Significant Effect on the Earth's Core Seismicity. – Geomagnetism and Aeronomy. – 2017. – Vol. 57. – No. 1. – Pp. 119–120.DOI: 10.1134/S0016793216060074</p> <p>32. Chernogor L. F., Garmash K. P. Magneto-Ionospheric Effects of the Solar Eclipse of March 20, 2015, over Kharkov. Geomagnetism and Aeronomy. – 2017. – Vol. 57. – No. 1. – Pp. 72–83.DOI: 10.1134/S0016793216060062</p> <p>33. Chernogor L. F., Liashchuk O. I. Parameters of Infrasonic Waves Generated by the Chelyabinsk Meteoroid on February 15, 2013. Kinematics and Physics of Celestial Bodies. – 2017. – Vol. 33. – No. 2. – Pp. 79 – 87.DOI: 10.3103/S0884591317020027</p> <p>34. Chernogor L. F. Atmospheric effects of the gas-dust plume of the Chelyabinsk meteoroid of 2013. – Izvestiya, Atmospheric and Oceanic Physics. – 2017. – Vol. 53. – No. 3. – Pp. 259–268.DOI: 10.1134/S0001433817030033</p> <p>35. Chernogor L. F. Disturbance in the Lower Ionosphere That Accompanied the Reentry of the Chelyabinsk Cosmic Body. – Cosmic Research. – 2017. – Vol. 55. – No. 5. – P. 323–332.DOI: 10.1134/S0010952517050033</p> <p>36. Chernogor L. F., Liashchuk O. I. Infrasound observations of the bolide explosion over Romania on January 7, 2015. Kinematics and Physics of Celestial Bodies. – 2017. – Vol. 33. – No. 6. – Pp. 276 – 290.DOI: 10.3103/S0884591317060022</p> <p>37. Chernogor L. F. Magnetic and Ionospheric Effects of a Meteoroid Plume // Geomagnetism and Aeronomy. – 2018. – Vol. 58, No. 1. – pp. 119–126.DOI: 10.1134/S0016793218010048</p> <p>38. Черногор Л. Ф. Физические эффекты Румынского метеороида. 1 // Космічна наука і технологія. – 2018. – Т. 24, № 1. – С. 49 – 70.DOI: 10.15407/knit2018.01.049</p> <p>39. Черногор Л. Ф. Физические эффекты Румынского метеороида. 2 // Космічна наука і технологія. – 2018. – Т. 24, № 2. – С. 18 – 35.DOI: 10.15407/knit2018.02.018</p> <p>40. Chernogor L.F., Lazorenko O. V., Onishchenko A. A. Dispersive Distortions of the Fractal Ultra-Wideband Signals in Plasma Media // Problems an Atomic Science and Technology. – №4 (116). – P. 135 – 138.</p> <p>41. Chernogor L.F., Magda I. I. Aspects of Electromagnetic Compatibility at Remote Sensing of Ionosphere in Radiophysical Observatory of Kharkiv National University // Problems an Atomic Science and Technology. – №4 (116). – P. 122 – 126.</p> <p>42. Chernogor L.F., Garmash K. P., Lazorenko O. V., Onishchenko A. A. Multi-Fractal Analysis of the Earth's Electromagnetic Field Time Variations Caused by the Powerful Geospace Storm Occurred on September 7 – 8, 2017 // Problems an Atomic Science and Technology. – №4 (116). – P. 118 – 121.</p> <p>43. Chernogor L. F. Magnetospheric Effects during the Approach of the</p>
--	--	--	--	--

			<p>43. Chernogor L.F., Magda I. I. Aspects of Electromagnetic Compatibility at Remote Sensing of Ionosphere in Radiophysical Observatory of Kharkiv National University // <i>Problems an Atomic Science and Technology</i>. – №4 (116). – P. 122 – 126.</p> <p>44. Chernogor L. F. Magnetic and Ionospheric Effects of a Meteoroid Plume // <i>Geomagnetism and Aeronomy</i>. – 2018. – Vol. 58, No. 1. – pp. 119–126. DOI: 10.1134/S0016793218010048</p> <p>45. Chernogor L. F. Magnetospheric Effects during the Approach of the Chelyabinsk Meteoroid // <i>Geomagnetism and Aeronomy</i>. – 2018. – Vol. 58, No. 2. – pp. 252–265. DOI: 10.1134/S0016793218020044</p> <p>46. Zakharov I. G., Chernogor L. F. Ionosphere as an Indicator of Processes in the Geospace, Troposphere, and Lithosphere // <i>Geomagnetism and Aeronomy</i>. – 2018. – V. 58, № 3. – Pp. 430 – 437. DOI: 10.1134/S0016793218030167</p> <p>47. Chernogor L. F., Shevelev N. B. Parameters of the infrasound signal generated by a meteoroid over Indonesia on October 8, 2009. – <i>Kinematics and Physics of Celestial Bodies</i>. – 2018. – Vol. 34, No 3. – P. 147–160. DOI: 10.3103/S0884591318030030</p> <p>48. Chernogor L.F. Parameters of Acoustic Signals Generated by the Atmospheric Meteoroid Explosion over Romania on January 7, 2015 // <i>Solar System Research</i>. – 2018. – Vol. 52, No. 3. – P. 206–222. DOI: 10.1134/S0038094618030048</p> <p>49. Chernogor L. F. Statistical Characteristics of Meteoroid Parameters in the Earth's Atmosphere. – <i>Kinematics and Physics of Celestial Bodies</i>. – 2018. – Vol. 34, No 3. – P. 134–146. DOI: 10.3103/S0884591318030029</p> <p>50. Emel'yanov L. Ya, Lyashenko M. V., Chernogor L. F., Domnin I. F. Motion of Ionospheric Plasma: Results of Observations above Kharkiv in Solar Cycle 24 // <i>Geomagnetism and Aeronomy</i>. – 2018. – V. 58, № 4. – Pp. 533 – 547. DOI: 10.1134/S001679321802007X</p> <p>51. Chernogor L. F., Mylovanov Yu. B. Rise of a Meteoroid Thermal in the Earth's Atmosphere // <i>Kinematics and Physics of Celestial Bodies</i>. – 2018. – Vol. 34, No 4. – P. 198 – 206. DOI: 10.3103/S0884591318040025</p> <p>52. Chernogor L.F., Garmash K. P. Magnetospheric and Ionospheric Effects Accompanying the Strongest Technogenic Catastrophe // <i>Geomagnetism and Aeronomy</i>. – 2018. – V. 58, №5. – P. 673 – 685. DOI: 10.1134/S0016793218050031</p> <p>53. Chernogor L. F. Dynamics of the Convective Rise of Thermals in the Atmosphere // <i>Izvestiya - Atmospheric and Ocean Physics</i>. – 2018. – V. 54, №6. – P. 528 – 535. DOI: 10.1134/S000143381806004X</p> <p>54. Chernogor L. F., Lazorenko O. V., Onishchenko A. A. New Models of the Fractal Ultra-Wideband Signals // 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, 5-11 September, Odessa, Ukraine. – P. 89–92.</p> <p>55. Chernogor L. F., Lazorenko O. V. System Spectral Analysis of the Ultra-Wideband Acoustic Signal Caused by the Chelyabinsk Meteoroid // 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, 5-11 September, Odessa, Ukraine. – P. 85–88.</p> <p>56. Chernogor L. F., Lazorenko O. V. Gravitational Waves as the Unique Ultra-Wideband Process // 2016 8th International Conference on Ultrawideband</p>	<p>Chelyabinsk Meteoroid // <i>Geomagnetism and Aeronomy</i>. – 2018. – Vol. 58, No. 2. – pp. 252–265. DOI: 10.1134/S0016793218020044</p> <p>44. Zakharov I. G., Chernogor L. F. Ionosphere as an Indicator of Processes in the Geospace, Troposphere, and Lithosphere // <i>Geomagnetism and Aeronomy</i>. – 2018. – V. 58, № 3. – Pp. 430 – 437. DOI: 10.1134/S0016793218030167</p> <p>45. Chernogor L. F., Shevelev N. B. Parameters of the infrasound signal generated by a meteoroid over Indonesia on October 8, 2009. – <i>Kinematics and Physics of Celestial Bodies</i>. – 2018. – Vol. 34, No 3. – P. 147–160. DOI: 10.3103/S0884591318030030</p> <p>46. Chernogor L. F. Statistical Characteristics of Meteoroid Parameters in the Earth's Atmosphere. – <i>Kinematics and Physics of Celestial Bodies</i>. – 2018. – Vol. 34, No 3. – P. 134–146. DOI: 10.3103/S0884591318030029</p> <p>47. Chernogor L.F. Parameters of Acoustic Signals Generated by the Atmospheric Meteoroid Explosion over Romania on January 7, 2015 // <i>Solar System Research</i>. – 2018. – Vol. 52, No. 3. – P. 206–222. DOI: 10.1134/S0038094618030048</p> <p>48. Emel'yanov L. Ya, Lyashenko M. V., Chernogor L. F., Domnin I. F. Motion of Ionospheric Plasma: Results of Observations above Kharkiv in Solar Cycle 24 // <i>Geomagnetism and Aeronomy</i>. – 2018. – V. 58, № 4. – Pp. 533 – 547. DOI: 10.1134/S001679321802007X</p> <p>49. Chernogor L. F., Mylovanov Yu. B. Rise of a Meteoroid Thermal in the Earth's Atmosphere // <i>Kinematics and Physics of Celestial Bodies</i>. – 2018. – Vol. 34, No 4. – P. 198 – 206. DOI: 10.3103/S0884591318040025</p> <p>50. Chernogor L.F., Garmash K. P. Magnetospheric and Ionospheric Effects Accompanying the Strongest Technogenic Catastrophe // <i>Geomagnetism and Aeronomy</i>. – 2018. – V. 58, №5. – P. 673 – 685. DOI: 10.1134/S0016793218050031</p> <p>51. Chernogor L. F. Dynamics of the Convective Rise of Thermals in the Atmosphere // <i>Izvestiya - Atmospheric and Ocean Physics</i>. – 2018. – V. 54, №6. – P. 528 – 535. DOI: 10.1134/S000143381806004X</p> <p>52. Chernogor L. F., Lazorenko O. V., Onishchenko A. A. New Models of the Fractal Ultra-Wideband Signals // 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, 5-11 September, Odessa, Ukraine. – P. 89–92.</p> <p>53. Chernogor L. F., Lazorenko O. V. System Spectral Analysis of the Ultra-Wideband Acoustic Signal Caused by the Chelyabinsk Meteoroid // 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, 5-11 September, Odessa, Ukraine. – P. 85–88.</p> <p>54. Chernogor L. F., Lazorenko O. V. Gravitational Waves as the Unique Ultra-Wideband Process // 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, 5-11 September, Odessa, Ukraine. – P. 47–52.</p> <p>55. Chernogor L. F., Rozumenko V. T., Mylovanov Yu. B. The Action of Ultra-Short Super-Powerful Radio Pulses on Earth's Atmosphere and Ionosphere // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 322 – 325.</p> <p>56. Chernogor L. F., Liashchuk O. I., Shevelev M. B. Ultra-Wideband Infrasonic Signals Generated by Series of Chemical Explosions // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 318 – 321.</p>
--	--	--	---	---



				<p>and Ultrashort Impulse Signals, 5-11 September, Odessa, Ukraine. – P. 47–52.</p> <p>57. Chernogor L. F., Rozumenko V. T., Mylovanov Yu. B. The Action of Ultra-Short Super-Powerful Radio Pulses on Earth's Atmosphere and Ionosphere // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 322 – 325.</p> <p>58. Chernogor L. F., Liashchuk O. I., Shevelev M. B. Ultra-Wideband Infrasonic Signals Generated by Series of Chemical Explosions // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 318 – 321.</p> <p>59. Chernogor L.F., Lazorenko O. V., Onishchenko A. A. Multi-Fractal Analysis of the Acoustic Ultra-Wideband Signal Caused by the Chelyabinsk Meteoroid // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 123 – 126.</p> <p>60. Panasenko S. V., Chernogor L.F., Lazorenko O. V. Characteristics of Wave Processes in the Ionosphere over Kharkiv During Solar Eclipse of 20 March 2015 // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 119 – 122.</p> <p>61. Panasenko S. V., Chernogor L. F., Lazorenko O. V., Otsuka Yu., Max van de Kamp. Observations of Ultrawideband Signals in GPS TEC Variations Over Europe During Solar Eclipse // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 115 – 118.</p> <p>62. Chernogor L. F., Lazorenko O. V., Onishchenko A. A. Fractal Analysis of the Gravitational Waves as a Unique Ultra-Wideband Process // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 34 – 39.</p>		<p>57. Chernogor L.F., Lazorenko O. V., Onishchenko A. A. Multi-Fractal Analysis of the Acoustic Ultra-Wideband Signal Caused by the Chelyabinsk Meteoroid // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 123 – 126.</p> <p>58. Panasenko S. V., Chernogor L.F., Lazorenko O. V. Characteristics of Wave Processes in the Ionosphere over Kharkiv During Solar Eclipse of 20 March 2015 // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 119 – 122.</p> <p>59. Panasenko S. V., Chernogor L. F., Lazorenko O. V., Otsuka Yu., Max van de Kamp. Observations of Ultrawideband Signals in GPS TEC Variations Over Europe During Solar Eclipse // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 115 – 118.</p> <p>60. Chernogor L. F., Lazorenko O. V., Onishchenko A. A. Fractal Analysis of the Gravitational Waves as a Unique Ultra-Wideband Process // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 34 – 39.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Космічної радіо-фізики	Розуменко Віктор Тимофійович	6	<p>1. Chernogor L. F., Rozumenko V. T., Mylovanov Yu. B. The Action of Ultra-Short Super-Powerful Radio Pulses on Earth's Atmosphere and Ionosphere // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 322 – 325. DOI: 10.1109/UWBUSIS.2018.8520197</p> <p>2. Martynenko S.I., Tyrnov O.F., Rozumenko V.T. The effect of large mesospheric electric fields on the terrestrial lower ionospheric structure // CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – P. 1111 – 1112. DOI: 10.1109/CRMICO.2014.6959784</p> <p>3. Martynenko S.I., Tyrnov O.F., Rozumenko V.T. Temporal variations of electric fields density in the middle atmosphere // CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – P. 1124 – 1125.</p> <p>4. Chernogor L. F., Rozumenko V. T. The physical effects associated with Chelyabinsk meteorite's passage // Problems of Atomic Science and Technology. – 2013. – Vol. 86, No 4. – Pp. 136 – 139.</p> <p>5. Dorohov V.L., Rozumenko V.T., Somov V.G., Tyrnov O.F. Upgrades to the Kharkiv V. N. Karazin National University MF radar antenna // 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013. – P. 370 – 372.</p> <p>6. Martynenko S.I., Rozumenko V.T., Tyrnov O.F. Dispersive shift in the</p>	2	<p>1. Martynenko S.I., Tyrnov O.F., Rozumenko V.T. The effect of large mesospheric electric fields on the terrestrial lower ionospheric structure // CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – P. 1111 – 1112. DOI: 10.1109/CRMICO.2014.6959784</p> <p>2. Chernogor L. F., Rozumenko V. T. The physical effects associated with Chelyabinsk meteorite's passage // Problems of Atomic Science and Technology. – 2013. – Vol. 86, No 4. – Pp. 136 – 139.</p>

				height of the lower edge of the ionosphere under the influence of strong perturbations in tropospheric conductivity // CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – P. 1049 – 1050.		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Молекулярної і медичної біофізики	Ніколов Олег Тімофійович	9	<ol style="list-style-type: none"> <li>1. Berest, V.P., Gorobchenko, O.O., Vashchenko, O.V., Kasian, N.A., Nikolov, O.T. Narrow Band Dielectrometry as a Tool to Monitor Drug Release and Accumulation in Liposomes, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520092, c. 285-289.</li> <li>2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., (...), Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures, 2018, Radiation Physics and Chemistry, 144, c. 231-237.</li> <li>3. Kuznetsov, K.A., Shckorbatov, Y.G., Kolchigin, N.N., Nikolov, O.T. Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016 7724179, c. 167-170</li> <li>4. Kuznetsov, K.A., Miroshnik, D.B., Shckorbatov, Y.G., Nikolov, O.T., Kolchigin, N.N. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field 20169th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW, 2016, 7538012</li> <li>5. Volkova, N.A., Pavlovich, E.V., Gapon, A.A., Nikolov, O.T. Effects of Millimeter-Wave Electromagnetic Exposure on the Morphology and Function of Human Cryopreserved Spermatozoa, 2014, Bulletin of Experimental Biology and Medicine, 157(5), c. 574-576</li> <li>6. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., (...), Semenov, M., Gasan, A. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution 2015, Nanoscale Research Letters 10(1)</li> <li>7. Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V. Dielectric permittivity of erythrocyte suspensions at 9.2 GHz, 2014, CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, 6959768, c. 1077-1078 Conference Proceedings</li> <li>8. Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T., (...), Pastukhova, S.Y., Bondarenko, V.A. The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension, 2013, Materialwissenschaft und Werkstofftechnik 44(2-3), c. 167-170.</li> <li>9. Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A., Loza, K.I. Study of structure of calcium phosphate materials by means of electron spin resonance, 2012, Applied Radiation and Isotopes 70(11), c. 2621-2626.</li> </ol>	9	<ol style="list-style-type: none"> <li>1. Berest, V.P., Gorobchenko, O.O., Vashchenko, O.V., Kasian, N.A., Nikolov, O.T. Narrow Band Dielectrometry as a Tool to Monitor Drug Release and Accumulation in Liposomes, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520092, c. 285-289.</li> <li>2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., (...), Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures, 2018, Radiation Physics and Chemistry, 144, c. 231-237.</li> <li>3. Kuznetsov, K.A., Shckorbatov, Y.G., Kolchigin, N.N., Nikolov, O.T. Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016 7724179, c. 167-170</li> <li>4. Kuznetsov, K.A., Miroshnik, D.B., Shckorbatov, Y.G., Nikolov, O.T., Kolchigin, N.N. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field 20169th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW, 2016, 7538012</li> <li>5. Volkova, N.A., Pavlovich, E.V., Gapon, A.A., Nikolov, O.T. Effects of Millimeter-Wave Electromagnetic Exposure on the Morphology and Function of Human Cryopreserved Spermatozoa, 2014, Bulletin of Experimental Biology and Medicine, 157(5), c. 574-576</li> <li>6. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., (...), Semenov, M., Gasan, A. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution 2015, Nanoscale Research Letters 10(1)</li> <li>7. Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V. Dielectric permittivity of erythrocyte suspensions at 9.2 GHz, 2014, CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, 6959768, c. 1077-1078 Conference Proceedings</li> <li>8. Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T., (...), Pastukhova, S.Y., Bondarenko, V.A. The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension, 2013, Materialwissenschaft und Werkstofftechnik 44(2-3), c. 167-170.</li> <li>9. Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A., Loza, K.I. Study of structure of calcium phosphate materials by means of electron spin resonance, 2012, Applied Radiation and Isotopes 70(11), c. 2621-2626.</li> </ol>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіо-фізики	Дюбко Станіслав Пилипович	8	<ol style="list-style-type: none"> <li>1. A new technique to excite Zn atoms to triplet Rydberg states // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851428, c. 204</li> <li>2. Microwave spectrometer for Rydberg state atoms: Last improvements // 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538033</li> </ol>	4	<ol style="list-style-type: none"> <li>1. A new technique to excite Zn atoms to triplet Rydberg states // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851428, c. 204</li> <li>2. Microwave spectrometer for Rydberg state atoms: Last improvements // 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538033</li> <li>3. Millimeter-wave spectroscopy of Zn i in <sup>1</sup>D<sub>2</sub>, <sup>1</sup>F<sub>3</sub> and <sup>1</sup>G<sub>4</sub> Rydberg</li> </ol>

рних систем				<p>3. Millimeter-wave spectroscopy of Zn i in <math>^1D_2</math>, <math>^1F_3</math> and <math>^1G_4</math> Rydberg states // Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48(24), 245005</p> <p>Observational results of a multi-telescope campaign in search of interstellar urea [(NH<sub>2</sub>)<sub>2</sub> CO] // Astrophysical Journal, 2014, 783(2), 77</p> <p>4. New measurements of Rydberg spectrum of singlet Mg i in the 120-150 GHz frequency range // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622110, c. 492-494</p> <p>5. Laser-microwave spectroscopy of singlet Mg I atoms in S,P,D,F,G Rydberg state // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657636, c. 358-360</p> <p>6. Microwave spectroscopy of singlet Mg i in L = 0-4 Rydberg states // Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45(21), 215002</p> <p>7. Effect of photoions on the line shape of the förster resonance lines and microwave transitions in cold rubidium rydberg atoms // Journal of Experimental and Theoretical Physics, 2012, 114(1), c. 14-24</p>		<p>states // Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48(24), 245005</p> <p>4. Microwave spectroscopy of singlet Mg i in L = 0-4 Rydberg states // Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45(21), 215002</p>
Радіо-фізики, біомедици та комп'ютерних систем	Квантової радіофізики	Дегтярьов Андрій Вікторович	16	<p>1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854</p> <p>2. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229</p> <p>3. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017,76(17), c. 1567-1579</p> <p>4. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>5. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>6. Terahertz laser waveguide resonators with internal spherical mirrors // Telecommunications and Radio Engineering, 2016,75(18), c. 1665-1677</p> <p>7. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL2016, 7851440, c. 235-236</p> <p>8. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640</p> <p>9. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014,73(20), c. 1819-1830</p> <p>10. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014,73(14), c. 1229-1239</p> <p>11. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014,</p>	8	<p>1. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229</p> <p>2. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>3. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>4. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL2016, 7851440, c. 235-236</p> <p>5. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</p> <p>6. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>7. Waveguide CO<sub>2</sub> laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</p> <p>8. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315</p>

				<p>6886325</p> <p>12. Radiation characteristics of the metal waveguide resonator with a inclined mirror // Telecommunications and Radio Engineering, 2013,72(14), c. 1349-1359</p> <p>13. Waveguide CO<sub>2</sub> laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</p> <p>14. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>15. Formation of a quasi-uniform output beam in the waveguide CO<sub>2</sub> laser // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657564, c. 160-163</p> <p>16. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Сенюта Владислав Станіславович	12	<p>1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854</p> <p>2. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017, 76(17), c. 1567-1579</p> <p>3. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 8100326, c. 671-674</p> <p>4. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>5. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236</p> <p>6. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640</p> <p>7. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014, 73(20), c. 1819-1830</p> <p>8. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014, 73(14), c. 1229-1239</p> <p>9. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings - 2014 International Conference Laser Optics, LO 2014,6886325</p> <p>10. Radiation characteristics of the metal waveguide resonator with a inclined mirror // Telecommunications and Radio Engineering, 2013,72(14), c. 1349-1359</p> <p>11. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p>	6	<p>1. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>2. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>3. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL2016, 7851440, c. 235-236</p> <p>4. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</p> <p>5. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>6. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315</p>

				12. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315		
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Квантової радіофізики	Гурін Олег Валентинович	16	<ol style="list-style-type: none"> <li>1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854</li> <li>2. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229</li> <li>3. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017,76(17), c. 1567-1579</li> <li>4. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</li> <li>5. Terahertz laser waveguide resonators with internal spherical mirrors // Telecommunications and Radio Engineering, 2016,75(18), c. 1665-1677</li> <li>6. Effect of low intensity laser radiation of different wavelength on erythrocytes at experimental type 2 diabetes mellitus // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851407, c. 146-147</li> <li>7. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236</li> <li>8. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640</li> <li>9. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014,73(20), c. 1819-1830</li> <li>10. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014,73(14), c. 1229-1239</li> <li>11. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</li> <li>12. Radiation characteristics of the metal waveguide resonator with an inclined mirror // Telecommunications and Radio Engineering, 2013,72(14), c. 1349-1359</li> <li>13. Waveguide CO<sub>2</sub> laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</li> <li>14. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 20136622183, c. 112-114</li> </ol>	8	<ol style="list-style-type: none"> <li>1. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229</li> <li>2. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</li> <li>3. Effect of low intensity laser radiation of different wavelength on erythrocytes at experimental type 2 diabetes mellitus // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851407, c. 146-147</li> <li>4. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236</li> <li>5. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</li> <li>6. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 20136622183, c. 112-114</li> <li>7. Waveguide CO<sub>2</sub> laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</li> <li>8. c. 472-476</li> <li>9. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315</li> </ol>

				<p>15. Formation of a quasi-uniform output beam in the waveguide CO<sub>2</sub> laser // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657564, c. 160-163</p> <p>16. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Рябих Валерій Миколайович	7	<p>1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854</p> <p>2. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229</p> <p>3. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017,76(17), c. 1567-1579</p> <p>4. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>5. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>6. Terahertz laser waveguide resonators with internal spherical mirrors // Telecommunications and Radio Engineering, 2016,75(18), c. 1665-1677</p> <p>7. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236</p>	4	<p>1. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229</p> <p>2. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>3. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>4. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Молекулярної і медичної біофізики	Горобченко Ольга Олександрівна	6	<p>1. Berest, V.P., Gorobchenko, O.O., Vashchenko, O.V., Kasian, N.A., Nikolov, O.T. Narrow Band Dielectrometry as a Tool to Monitor Drug Release and Accumulation in Liposomes, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520092, c. 285-289.</p> <p>2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., (...), Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures, 2018, Radiation Physics and Chemistry, 144, c. 231-237.</p> <p>3. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., (...), Semenov, M., Gasan, A. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution 2015, Nanoscale Research Letters 10(1)</p> <p>4. Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V. Dielectric permittivity of erythrocyte suspensions at 9.2 GHz, 2014, CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, 6959768, c. 1077-1078 Conference Proceedings</p> <p>5. Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T., (...), Pastukhova, S.Y., Bondarenko, V.A. The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension, 2013, Materialwissenschaft und Werkstofftechnik 44(2-3), c. 167-170.</p> <p>6. Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A., Loza, K.I. Study</p>	6	<p>1. Berest, V.P., Gorobchenko, O.O., Vashchenko, O.V., Kasian, N.A., Nikolov, O.T. Narrow Band Dielectrometry as a Tool to Monitor Drug Release and Accumulation in Liposomes, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520092, c. 285-289.</p> <p>2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., (...), Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures, 2018, Radiation Physics and Chemistry, 144, c. 231-237.</p> <p>3. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., (...), Semenov, M., Gasan, A. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution 2015, Nanoscale Research Letters 10(1)</p> <p>4. Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V. Dielectric permittivity of erythrocyte suspensions at 9.2 GHz, 2014, CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, 6959768, c. 1077-1078 Conference Proceedings</p> <p>5. Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T., (...), Pastukhova, S.Y., Bondarenko, V.A. The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension, 2013, Materialwissenschaft und Werkstofftechnik 44(2-3), c. 167-170.</p> <p>6. Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A., Loza, K.I. Study</p>

				of structure of calcium phosphate materials by means of electron spin resonance, 2012, Applied Radiation and Isotopes 70(11), c. 2621-2626.		of structure of calcium phosphate materials by means of electron spin resonance, 2012, Applied Radiation and Isotopes 70(11), c. 2621-2626.
Радіо-фізики, біомедици та комп'ютерних систем	Теоретичної радіофізики	Хардіков В'ячеслав Володимирович	17	<ol style="list-style-type: none"> <li>1. Efficient Excitation of a Toroidal Dipole Mode in All-Dielectric Quadramer Clusters, 2018, 2018 48th European Microwave Conference, EuMC 2018, 8541532, pp. 890-893</li> <li>2. QD Layer Luminescence Enhancement Via Coupling with Disk Metasurface in Trapped Mode Regime, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460246, pp. 83-86</li> <li>3. Axial Toroidal Dipole Modes in All-Dielectric Trimer Metasurfaces, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460255, pp. 274-277</li> <li>4. All-Dielectric Resonant Metasurfaces with a Strong Toroidal Response, 2018, ACS Photonics, 5(5), pp. 1871-1876</li> <li>5. High-quality trapped modes in all-dielectric metamaterials, 2018, Optics Express, 26(3), pp. 2905-2916</li> <li>6. Recent development of conception of trapped modes in low-loss all-dielectric metamaterials, 2017, European Microwave Week 2017: "A Prime Year for a Prime Event", EuMW 2017 - Conference Proceedings; 47th European Microwave Conference, EuMC 2017, 2017-January, pp. 484-487</li> <li>7. Sub-THz all-dielectric metasurface with a single bar per the cell, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, 7544037, pp. 222-224</li> <li>8. Resonant all-dielectric planar metamaterials, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538214</li> <li>9. Electromagnetic wave diffraction by periodic planar metamaterials with nonlinear constituents ( Book Chapter), 2015, Contemporary Optoelectronics: Materials, Metamaterials and Device Applications, pp. 81-98</li> <li>10. Planar all-silicon metamaterial for terahertz applications, 2015, Applied Optics, 54(13), pp. 3986-3990</li> <li>11. Shaping photoluminescence spectra with magnetoelectric resonances in all-dielectric nanoparticles, 2015, ACS Photonics, 2(2), pp. 172-177</li> <li>12. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators, 2014, Telecommunications and Radio Engineering, 73(14), pp. 1229-1239</li> <li>13. Shaping emission spectra of quantum dots by all-dielectric metasurfaces, 2014, Conference on Lasers and Electro-Optics Europe - Technical Digest 2014-January, 6988794</li> <li>14. Electromagnetic wave diffraction by periodic structures with nonlinear inclusions, 2013, Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 6657571, pp. 179-185</li> <li>15. Nonlinear planar metamaterials sustained a trapped-mode resonant regime, 2013, European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, 06686711, pp. 537-540</li> <li>16. Formation of transverse modes with spatially-inhomogeneous polarization</li> </ol>	15	<ol style="list-style-type: none"> <li>1. All-Dielectric Resonant Metasurfaces with a Strong Toroidal Response, 2018, ACS Photonics, 5(5), pp. 1871-1876</li> <li>2. High-quality trapped modes in all-dielectric metamaterials, 2018, Optics Express, 26(3), pp. 2905-2916</li> <li>3. Trapped Modes in a Single-Particle All-Dielectric Planar Metamaterial, 2018, 2018 1st International Conference on Optics, Photonics and Lasers (OPAL), Barcelona, Spain, pp. 70-73</li> <li>4. QD Layer Luminescence Enhancement Via Coupling with Disk Metasurface in Trapped Mode Regime, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460246, pp. 83-86</li> <li>5. Axial Toroidal Dipole Modes in All-Dielectric Trimer Metasurfaces, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460255, pp. 274-277</li> <li>6. Recent development of conception of trapped modes in low-loss all-dielectric metamaterials, 2017, European Microwave Week 2017: "A Prime Year for a Prime Event", EuMW 2017 - Conference Proceedings; 47th European Microwave Conference, EuMC 2017, 2017-January, pp. 484-487</li> <li>7. Resonant all-dielectric planar metamaterials, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538214</li> <li>8. Sub-THz all-dielectric metasurface with a single bar per the cell, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, 7544037, pp. 222-224</li> <li>9. Electromagnetic wave diffraction by periodic planar metamaterials with nonlinear constituents ( Book Chapter), 2015, Contemporary Optoelectronics: Materials, Metamaterials and Device Applications, pp. 81-98</li> <li>10. Planar all-silicon metamaterial for terahertz applications, 2015, Applied Optics, 54(13), pp. 3986-3990</li> <li>11. Shaping photoluminescence spectra with magnetoelectric resonances in all-dielectric nanoparticles, 2015, ACS Photonics, 2(2), pp. 172-177</li> <li>12. Shaping emission spectra of quantum dots by all-dielectric metasurfaces, 2014, Conference on Lasers and Electro-Optics Europe - Technical Digest 2014-January, 6988794</li> <li>13. Nonlinear planar metamaterials sustained a trapped-mode resonant regime, 2013, European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, 06686711, pp. 537-540</li> <li>14. A giant red shift and enhancement of the light confinement in a planar array of dielectric bars, 2012, Journal of Optics, 14(3), 035103</li> <li>15. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331253, pp. 312-315</li> </ol>

				<p>in the waveguide quasi-optical resonators of terahertz range, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331253, pp. 312-315</p> <p>17. A giant red shift and enhancement of the light confinement in a planar array of dielectric bars, 2012, Journal of Optics, 14(3),035103</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Батраков Дмитро Олегович	14	<ol style="list-style-type: none"> <li>1. Spectral Analysis of UWB Signals for Solving Problems of Plane-Layered Media Sensing, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520191, pp. 102-105</li> <li>2. UWB Signal Processing for the Solving Inverse Scattering Problem of Plane-Layered Media, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520255, pp. 140-143</li> <li>3. Comparative Study of the Goldfarb Iterative and the Genetic Algorithm Methods for Solving Inverse Problems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460316, pp. 221-225</li> <li>4. Combined GPR data analysis technique for diagnostics of structures with thin near-surface layers, 2018, Diagnostyka, 19(3), pp. 11-20</li> <li>5. Pavement deterioration model based on GPR datasets   [Model degradacji nawierzchni na podstawie danych uzyskanych z badań metodą GPR], 2018, Roads and Bridges - Drogi i Mosty, 17(1), pp. 55-71</li> <li>6. GPR application for the road pavements surveys, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075033, pp. 81-84</li> <li>7. GPR data processing for evaluation of the subsurface cracks in road pavements, 2017, 2017 9th International Workshop on Advanced Ground Penetrating Radar, IWAGPR 2017 – Proceedings, 7996072</li> <li>8. Remote sensing of plane-layered media with losses using UWB signals, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972666, pp. 370-373</li> <li>9. Advances in short-range distance and permittivity ground-penetrating radar measurements for road surface surveying ( Book Chapter), 2016, <i>Advanced Ultrawideband Radar: Signals, Targets, and Applications</i>, pp. 19-64</li> <li>10. UWB signal processing during thin layers thickness assessment, 2016, 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 – Proceedings, 7778545, pp. 36-39</li> <li>11. Inverse problems and UWB signals in biomedical engineering and remote sensing, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724174, pp. 148-151</li> <li>12. Measuring of thickness of the asphalt pavement with Use of GPR, 2014, Proceedings International Radar Symposium, 6869300</li> <li>13. Diffraction of cylindrical waves by a plane-stratified structure with a cylindrical inclusion, 2013, Radiophysics and Quantum Electronics, 56(5), pp. 304-314</li> <li>14. Numerical simulation of UWB impulse response of plane layered media with 2D inclusion, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379763,</li> </ol>	10	<ol style="list-style-type: none"> <li>1. Spectral Analysis of UWB Signals for Solving Problems of Plane-Layered Media Sensing, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520191, pp. 102-105</li> <li>2. UWB Signal Processing for the Solving Inverse Scattering Problem of Plane-Layered Media, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520255, pp. 140-143</li> <li>3. Comparative Study of the Goldfarb Iterative and the Genetic Algorithm Methods for Solving Inverse Problems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460316, pp. 221-225</li> <li>4. Pavement deterioration model based on GPR datasets   [Model degradacji nawierzchni na podstawie danych uzyskanych z badań metodą GPR], 2018, Roads and Bridges - Drogi i Mosty, 17(1), pp. 55-71</li> <li>5. GPR application for the road pavements surveys, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075033, pp. 81-84</li> <li>6. Remote sensing of plane-layered media with losses using UWB signals, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972666, pp. 370-373</li> <li>7. Inverse problems and UWB signals in biomedical engineering and remote sensing, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724174, pp. 148-151</li> <li>8. UWB signal processing during thin layers thickness assessment, 2016, 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 – Proceedings, 7778545, pp. 36-39</li> <li>9. Measuring of thickness of the asphalt pavement with Use of GPR, 2014, Proceedings International Radar Symposium, 6869300</li> <li>10. Diffraction of cylindrical waves by a plane-stratified structure with a cylindrical inclusion, 2013, Radiophysics and Quantum Electronics, 56(5), pp. 304-314</li> </ol>



				pp. 153-155		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіофізики	Рибін Олег Миколайович	19	<ol style="list-style-type: none"> <li>1. Effective Microwave Electromagnetic Response of the Infinite Chain of Dielectric Coated Circular Metal Cylinders, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520158, pp. 214-217</li> <li>2. Far field focusing for a microwave patch antenna with composite substrate, 2018, Results in Physics 8, pp. 971-976</li> <li>3. Microwave effective medium theory for metamaterial with cylindrical ferric inclusions with an arbitrary cross section form, 2018, Journal of Nano- and Electronic Physics 10(2),02013</li> <li>4. RLC-circuit effective medium approach for two-component non-magnetic metamaterials, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100422, pp. 127-131</li> <li>5. Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application, 2017, Journal of Computational Electronics, 16(2), pp. 369-381</li> <li>6. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70</li> <li>7. Utilization of double metal–dielectric composite substrates for microwave miniaturization of rectangular patch antennas, 2016, Journal of Computational Electronics, 15(3), pp. 1023-1027</li> <li>8. Theorem of two-layer magnetic composite for antenna substrate application, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538125</li> <li>9. Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates, 2016, International Journal of RF and Microwave Computer-Aided Engineering, 26(3), pp. 254-261</li> <li>10. Microwave miniaturization concept for narrow band rectangular patch antenna structures, 2015, International Journal of Applied Electromagnetics and Mechanics, 48(1), pp. 69-75</li> <li>11. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179</li> <li>12. Substrate application of magnetic metamaterial, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136879</li> <li>13. Effective permeability tensor of partially magnetized two-component metaferites, 2014, Modern Physics Letters B, 28(25),1450199</li> <li>14. Unusual microwave effective properties of two-component metaferites, 2014, International Journal of Applied Electromagnetics and Mechanics, 46(3), pp. 519-526</li> <li>15. Substrate application of electrically enhanced microwave metamaterials, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928697, pp. 202-204</li> <li>16. Microwave effective permeability tensor of partially magnetized two-component lossless ferrite-like metamaterials, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622188, pp. 127-129</li> </ol>	18	<ol style="list-style-type: none"> <li>1. Far field focusing for a microwave patch antenna with composite substrate, 2018, Results in Physics 8, pp. 971-976</li> <li>2. Effective Microwave Electromagnetic Response of the Infinite Chain of Dielectric Coated Circular Metal Cylinders, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520158, pp. 214-217</li> <li>3. RLC-circuit effective medium approach for two-component non-magnetic metamaterials, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100422, pp. 127-131</li> <li>4. Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application, 2017, Journal of Computational Electronics, 16(2), pp. 369-381</li> <li>5. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70</li> <li>6. Utilization of double metal–dielectric composite substrates for microwave miniaturization of rectangular patch antennas, 2016, Journal of Computational Electronics, 15(3), pp. 1023-1027</li> <li>7. Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates, 2016, International Journal of RF and Microwave Computer-Aided Engineering, 26(3), pp. 254-261</li> <li>8. Theorem of two-layer magnetic composite for antenna substrate application, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538125</li> <li>9. Microwave miniaturization concept for narrow band rectangular patch antenna structures, 2015, International Journal of Applied Electromagnetics and Mechanics, 48(1), pp. 69-75</li> <li>10. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179</li> <li>11. Substrate application of magnetic metamaterial, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136879</li> <li>12. Effective permeability tensor of partially magnetized two-component metaferites, 2014, Modern Physics Letters B, 28(25),1450199</li> <li>13. Unusual microwave effective properties of two-component metaferites, 2014, International Journal of Applied Electromagnetics and Mechanics, 46(3), pp. 519-526</li> <li>14. Substrate application of electrically enhanced microwave metamaterials, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928697, pp. 202-204</li> <li>15. Microwave effective permeability tensor of partially magnetized two-component lossless ferrite-like metamaterials, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622188, pp. 127-129</li> <li>16. An advanced optimization technique for layer-specific characterization of slab metamaterials, 2013, International Journal of Modern Physics C, 24(4),1350019</li> </ol>

				<p>17. An advanced optimization technique for layer-specific characterization of slab metamaterials, 2013, International Journal of Modern Physics C, 24(4),1350019</p> <p>18. Alternative long wave layer-specific characterization of slab metamaterials, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331198, pp. 378-381</p> <p>19. Effective microwave magnetic response of two-component metaferrite, 2012, International Journal of Applied Electromagnetics and Mechanics, 40(3), pp. 185-193</p>		<p>17. Alternative long wave layer-specific characterization of slab metamaterials, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331198, pp. 378-381</p> <p>18. Effective microwave magnetic response of two-component metaferrite, 2012, International Journal of Applied Electromagnetics and Mechanics, 40(3), pp. 185-193</p>
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Теоретичної радіофізики	Бутрим Олександр Юрійович	18	<p>1. Time Domain Modelling of Pulse Wave Scattering on Small Metal Spheres, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8519976, pp. 205-209</p> <p>2. Mode Expansion in Time Domain technique for short pulse propagation in a regular waveguide with inhomogeneous smooth varying filling, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724165, pp. 117-119</p> <p>3. Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538198</p> <p>4. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>5. Time domain analysis of transient radiation of dipole in dielectric sphere, 2015, International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136787</p> <p>6. Physical features of mode basis in open dielectric structures with discrete and continuous spectrum, 2014, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73(10), pp. 863-880</p> <p>7. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p> <p>8. Fast pulse guided wave in an optical waveguide, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622001, pp. 207-209</p> <p>9. About possibility to create a small antenna based on inhomogeneous biconical line, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622092, pp. 470-472</p> <p>10. Axially symmetric transient electromagnetic fields in a radially inhomogeneous biconical transmission line, 2013, Progress In Electromagnetics Research B, (48), pp. 375-394</p> <p>11. Excitation of fast pulse guided wave in receiving dielectric rod antenna, 2013, 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650806, pp. 444-446</p> <p>12. Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331278, pp. 172-</p>	10	<p>1. Time Domain Modelling of Pulse Wave Scattering on Small Metal Spheres, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8519976, pp. 205-209</p> <p>2. Mode Expansion in Time Domain technique for short pulse propagation in a regular waveguide with inhomogeneous smooth varying filling, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724165, pp. 117-119</p> <p>3. Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538198</p> <p>4. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>5. Time domain analysis of transient radiation of dipole in dielectric sphere, 2015, International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136787</p> <p>6. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p> <p>7. Fast pulse guided wave in an optical waveguide, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622001, pp. 207-209</p> <p>8. About possibility to create a small antenna based on inhomogeneous biconical line, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622092, pp. 470-472</p> <p>9. Axially symmetric transient electromagnetic fields in a radially inhomogeneous biconical transmission line, 2013, Progress In Electromagnetics Research B, (48), pp. 375-394</p> <p>10. Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331278, pp. 172-175</p>

			175	<p>13. Mode expansions in time domain, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379727, pp. 47-50</p> <p>14. Properties of pulse surface waves in a dielectric waveguide, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379814, pp. 309-311</p> <p>15. Rigorous calculation of ultra short pulse propagation in a shielded microstrip line using coupled mode expansion in time domain, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379807, pp. 284-287</p> <p>16. Anomalous wideband absorption in ultrathin copper wires, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379817, pp. 317-318</p> <p>17. Time-varying wiener filtering based on short-time fourier transform, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379813, pp. 305-308</p> <p>18. Effects of tem-horn antenna tapering, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379784, pp. 215-217</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Колчигін Микола Миколайович	18	<p>1. Methods of Active Protection of Small-Sized Ground Objects from Radiometric Millimeter Range Detection Systems, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520172, pp. 243-246</p> <p>2. Changes in puffing pattern of drosophila melanogaster (Diptera: Drosophilidae) polytene chromosomes after egg exposure to microwave radiation and magnetic field, 2018, Journal of Entomological Science, 53(3), pp. 295-306</p> <p>3. Decomposition method for determining the high reflected sections of a complex object surface, 2018, Telecommunications and Radio Engineering , 77(11), pp. 945-956</p> <p>4. Decomposition method for complex target RCS measuring, 2017, IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>5. Simulation of measuring RCS of complex scatterers by the decomposition method, 2017, Telecommunications and Radio Engineering, 76(12), pp. 1111-1120</p> <p>6. Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724179, pp. 167-170</p> <p>7. Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724176, pp. 156-159</p> <p>8. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538012</p>	10	<p>1. Methods of Active Protection of Small-Sized Ground Objects from Radiometric Millimeter Range Detection Systems, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520172, pp. 243-246</p> <p>2. Changes in puffing pattern of drosophila melanogaster (Diptera: Drosophilidae) polytene chromosomes after egg exposure to microwave radiation and magnetic field, 2018, Journal of Entomological Science, 53(3), pp. 295-306</p> <p>3. Decomposition method for complex target RCS measuring, 2017, IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>4. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>5. Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724179, pp. 167-170</p> <p>6. Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724176, pp. 156-159</p> <p>7. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538012</p> <p>8. The matrix radiometric system for the imaging of ground objects in the millimeter band, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538063</p>

				<p>9. The matrix radiometric system for the imaging of ground objects in the millimeter band, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538063</p> <p>10. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>11. Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field, 2015, Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November,7324286, pp. 162-164</p> <p>12. Multibeam antenna for the matrix radiometric imaging systems, 2015, International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136840</p> <p>13. Effect of microwave irradiation of low intensity and magnetic fields on the Ca<sup>2+</sup> contents in pea root cells, 2013, CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6652679, pp. 1101-1102</p> <p>14. Multibeam antenna for the matrix of radiometric imaging system to imager operating, 2013, 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650804, pp. 438-440</p> <p>15. Plane circular array with steering time delay of pulse excitation, 2013, 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650766, pp. 326-328</p> <p>16. About influence of mutual coupling on pattern and wave form of pulse reradiated by Van Atta's array of tapered slot antennas, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379714, pp. 4</p> <p>17. Effects of ultra-wideband radiation on viability of human cells, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379758, pp. 137-139</p> <p>18. The accuracy in potential of establishing the position of ground based objects by the matrix radiometer systems of remote sensing, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379746, pp. 102-104</p>		<p>9. Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field, 2015, Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November,7324286, pp. 162-164</p> <p>10. Multibeam antenna for the matrix radiometric imaging systems, 2015, International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136840</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Легенький Максим Миколайович	29	<p>1. Calculation of Pulse Signal Propagation in Periodic Structures with Mode Expansion in Time Domain Method, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520139, pp. 85-89</p> <p>2. Electromagnetic Scattering for Complex Shape Objects with and without Cloaking, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520257, pp. 185-189</p> <p>3. Experimental Measuring of Bright Spots on Complex Shape Object Surface with Decomposition Method, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520217, pp. 181-184</p> <p>4. Axially Symmetric Diffraction Grating on Substrate in Dielectric Waveguide, 2018, International Conference on Mathematical Methods in</p>	21	<p>1. Calculation of Pulse Signal Propagation in Periodic Structures with Mode Expansion in Time Domain Method, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520139, pp. 85-89</p> <p>2. Electromagnetic Scattering for Complex Shape Objects with and without Cloaking, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520257, pp. 185-189</p> <p>3. Experimental Measuring of Bright Spots on Complex Shape Object Surface with Decomposition Method, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520217, pp. 181-184</p> <p>4. Axially Symmetric Diffraction Grating on Substrate in Dielectric Waveguide, 2018, International Conference on Mathematical Methods in</p>

			<p>Electromagnetic Theory, MMET, 2018-July,8460298, pp. 262-265</p> <p>5. Facet Model Processing for Complex Shape Object Scattering Calculation, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460400, pp. 192-195</p> <p>6. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser, 2018, Telecommunications and Radio Engineering, 77(20), pp. 1845-1854</p> <p>7. Decomposition method for determining the high reflected sections of a complex object surface, 2018, Telecommunications and Radio Engineering, 77(11), pp. 945-956</p> <p>8. Decomposition method for complex target RCS measuring, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>9. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, pp. 671-674</p> <p>10. Generation of an azimuthal polarized beam in a terahertz waveguide laser, 2017, 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>11. Specific RCS for on-ground radiolocation target, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214</p> <p>12. Analysis of axially symmetric diffraction grating, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017 7972601, pp. 128-131</p> <p>13. Simulation of measuring RCS of complex scatterers by the decomposition method, 2017, Telecommunications and Radio Engineering, 76(12), pp. 1111-1120</p> <p>14. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser, 2017, Telecommunications and Radio Engineering, 76(17), pp. 1567-1579</p> <p>15. Influence of background surface on backscattering pattern of complex shape object, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>16. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror, 2016, Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 7851440, pp. 235-236</p> <p>17. BSP step for on-ground targets RCS measuring or calculation, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544052, pp. 306-309</p> <p>18. Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538198</p> <p>19. BSP step for complex target RCS measuring or calculation, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>20. Processing rcs distribution for complex shape objects, 2016, Telecommunications and Radio Engineering, 75(20), pp. 1825-1836</p> <p>21. Specific RCS for describing the scattering characteristic of complex shape</p>	<p>Electromagnetic Theory, MMET, 2018-July,8460298, pp. 262-265</p> <p>5. Facet Model Processing for Complex Shape Object Scattering Calculation, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460400, pp. 192-195</p> <p>6. Decomposition method for complex target RCS measuring, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>7. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, pp. 671-674</p> <p>8. Specific RCS for on-ground radiolocation target, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214</p> <p>9. Analysis of axially symmetric diffraction grating, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017 7972601, pp. 128-131</p> <p>10. Influence of background surface on backscattering pattern of complex shape object, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>11. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror, 2016, Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 7851440, pp. 235-236</p> <p>12. BSP step for on-ground targets RCS measuring or calculation, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544052, pp. 306-309</p> <p>13. Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538198</p> <p>14. BSP step for complex target RCS measuring or calculation, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>15. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>16. Time domain analysis of transient radiation of dipole in dielectric sphere, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136787</p> <p>17. Physical features of mode basis in open dielectric structures with discrete and continuous spectrum, 2014, Telecommunications and Radio Engineering, 73(10), pp. 863-880</p> <p>18. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p> <p>19. Fast pulse guided wave in an optical waveguide, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622001, pp. 207-209</p> <p>20. About possibility to create a small antenna based on inhomogeneous</p>
--	--	--	--	--

				<p>objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>22. Time domain analysis of transient radiation of dipole in dielectric sphere, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136787</p> <p>23. Physical features of mode basis in open dielectric structures with discrete and continuous spectrum, 2014, Telecommunications and Radio Engineering, 73(10), pp. 863-880</p> <p>24. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p> <p>25. Fast pulse guided wave in an optical waveguide, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622001, pp. 207-209</p> <p>26. About possibility to create a small antenna based on inhomogeneous biconical line, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622092, pp. 470-472</p> <p>27. Excitation of fast pulse guided wave in receiving dielectric rod antenna, 2013, 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650806, pp. 444-446</p> <p>28. Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331278, pp. 172-175</p> <p>29. Properties of pulse surface waves in a dielectric waveguide, 2012, 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379814, pp. 309-311</p>		<p>biconical line, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622092, pp. 470-472</p> <p>21. Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331278, pp. 172-175</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Антюфєєва Марія Станіславівна	17	<ol style="list-style-type: none"> <li>1. Spectral Analysis of UWB Signals for Solving Problems of Plane-Layered Media Sensing, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520191, pp. 102-105</li> <li>2. UWB Signal Processing for the Solving Inverse Scattering Problem of Plane-Layered Media, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520255, pp. 140-143</li> <li>3. Comparative Study of the Goldfarb Iterative and the Genetic Algorithm Methods for Solving Inverse Problems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460316, pp. 221-225</li> <li>4. Combined GPR data analysis technique for diagnostics of structures with thin near-surface layers, 2018, Diagnostyka, 19(3), pp. 11-20</li> <li>5. Pavement deterioration model based on GPR datasets   [Model degradacji nawierzchni na podstawie danych uzyskanych z badań metodą GPR], 2018, Roads and Bridges - Drogi i Mosty, 17(1), pp. 55-71</li> <li>6. Decomposition method for complex target RCS measuring, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON</li> </ol>	14	<ol style="list-style-type: none"> <li>1. Spectral Analysis of UWB Signals for Solving Problems of Plane-Layered Media Sensing, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520191, pp. 102-105</li> <li>2. UWB Signal Processing for the Solving Inverse Scattering Problem of Plane-Layered Media, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520255, pp. 140-143</li> <li>3. Comparative Study of the Goldfarb Iterative and the Genetic Algorithm Methods for Solving Inverse Problems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460316, pp. 221-225</li> <li>4. Pavement deterioration model based on GPR datasets   [Model degradacji nawierzchni na podstawie danych uzyskanych z badań metodą GPR], 2018, Roads and Bridges - Drogi i Mosty, 17(1), pp. 55-71</li> <li>5. Decomposition method for complex target RCS measuring, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</li> <li>6. GPR application for the road pavements surveys, 2017, MRRS 2017 -</li> </ol>

				<p>2017 – Proceedings, 8100451, pp. 156-159</p> <p>7. GPR application for the road pavements surveys, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075033, pp. 81-84</p> <p>8. GPR data processing for evaluation of the subsurface cracks in road pavements, 2017, 2017 9th International Workshop on Advanced Ground Penetrating Radar, IWAGPR 2017 – Proceedings, 7996072</p> <p>9. Remote sensing of plane-layered media with losses using UWB signals, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972666, pp. 370-373</p> <p>10. UWB signal processing during thin layers thickness assessment, 2016, 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 – Proceedings, 7778545, pp. 36-39</p> <p>11. Influence of background surface on backscattering pattern of complex shape object, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>12. Inverse problems and UWB signals in biomedical engineering and remote sensing, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724174, pp. 148-151</p> <p>13. BSP step for on-ground targets RCS measuring or calculation, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, 7544052, pp. 306-309</p> <p>14. BSP step for complex target RCS measuring or calculation, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>15. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M 52, pp. 191-200</p> <p>16. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p> <p>17. Electromagnetic field in a dispersive medium filled cavity under pulse train excitation, 2012, 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379812, pp. 302-304</p>		<p>2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075033, pp. 81-84</p> <p>7. Remote sensing of plane-layered media with losses using UWB signals, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972666, pp. 370-373</p> <p>8. UWB signal processing during thin layers thickness assessment, 2016, 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 – Proceedings, 7778545, pp. 36-39</p> <p>9. Influence of background surface on backscattering pattern of complex shape object, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>10. Inverse problems and UWB signals in biomedical engineering and remote sensing, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724174, pp. 148-151</p> <p>11. BSP step for on-ground targets RCS measuring or calculation, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, 7544052, pp. 306-309</p> <p>12. BSP step for complex target RCS measuring or calculation, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>13. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M 52, pp. 191-200</p> <p>14. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Шульга Сергій Миколайович	14	<p>1. RLC-circuit effective medium approach for two-component non-magnetic metamaterials, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100422, pp. 127-131</p> <p>2. Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application, 2017, Journal of Computational Electronics, 16(2), pp. 369-381</p> <p>3. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70</p> <p>4. Optical properties of colloidal gold nanoparticles implemented into a subsurface layer of fused silica, 2017, Ukrainian Journal of Physical Optics, 18(2), pp. 102-108</p> <p>5. Study of plasma frequency for Al-In alloys with different concentrations, 2017, Ukrainian Journal of Physical Optics, 18(4), pp. 225-231</p>	8	<p>1. RLC-circuit effective medium approach for two-component non-magnetic metamaterials, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100422, pp. 127-131</p> <p>2. Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application, 2017, Journal of Computational Electronics, 16(2), pp. 369-381</p> <p>3. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70</p> <p>4. Utilization of double metal-dielectric composite substrates for microwave miniaturization of rectangular patch antennas, 2016, Journal of Computational Electronics, 15(3), pp. 1023-1027</p> <p>5. Theorem of two-layer magnetic composite for antenna substrate application, 2016, 9th International Kharkiv Symposium on Physics and</p>

				<p>6. Utilization of double metal–dielectric composite substrates for microwave miniaturization of rectangular patch antennas, 2016, Journal of Computational Electronics, 15(3), pp. 1023-1027</p> <p>7. Theorem of two-layer magnetic composite for antenna substrate application, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538125</p> <p>8. Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates, 2016, International Journal of RF and Microwave Computer-Aided Engineering, 26(3), pp. 254-261</p> <p>9. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179</p> <p>10. Substrate application of magnetic metamaterial, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136879</p> <p>11. The spectral analysis of a cylindrical-radial waveguide junction with laminated dielectric filling, 2013, CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6653025, pp. 710-711</p> <p>12. Time-varying wiener filtering based on short-time fourier transform, 2012, 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379813, pp. 305-308</p> <p>13. Measurement of anisotropic dielectrics in the semi-opened waveguide structures, 2012, CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6336222, pp. 855-856</p> <p>14. The spectral analysis of a cylindrical - Radial waveguide junction with laminated dielectric filling, 2012, Telecommunications and Radio Engineering, 71(1), pp. 23-29</p>		<p>Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538125</p> <p>6. Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates, 2016, International Journal of RF and Microwave Computer-Aided Engineering, 26(3), pp. 254-261</p> <p>7. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179</p> <p>8. Substrate application of magnetic metamaterial, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136879</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Биков Віктор Миколайович	7	<p>1. Methods of Active Protection of Small-Sized Ground Objects from Radiometric Millimeter Range Detection Systems, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520172, pp. 243-246</p> <p>2. Comparison of the Efficiency of Some Images Superposition Algorithms Used in Aircraft Map-Matching Navigation Systems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460319, pp. 282-285</p> <p>3. Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724176, pp. 156-159</p> <p>4. The matrix radiometric system for the imaging of ground objects in the millimeter band, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538063</p> <p>5. Multibeam antenna for the matrix radiometric imaging systems, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136840</p>	5	<p>1. Methods of Active Protection of Small-Sized Ground Objects from Radiometric Millimeter Range Detection Systems, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520172, pp. 243-246</p> <p>2. Comparison of the Efficiency of Some Images Superposition Algorithms Used in Aircraft Map-Matching Navigation Systems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460319, pp. 282-285</p> <p>3. Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724176, pp. 156-159</p> <p>4. The matrix radiometric system for the imaging of ground objects in the millimeter band, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538063</p> <p>5. Multibeam antenna for the matrix radiometric imaging systems, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136840</p>



				<p>6. Multibeam antenna for the matrix of radiometric imaging system to imager operating, 2013, 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650804, pp. 438-440</p> <p>7. The accuracy in potential of establishing the position of ground based objects by the matrix radiometer systems of remote sensing, 2012, 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379746, pp. 102-104</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Масловський Олександр Андрійович	9	<p>1. <u>Experimental Measuring of Bright Spots on Complex Shape Object Surface with Decomposition Method</u>, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520217, pp. 181-184</p> <p>2. <u>Decomposition method for complex target RCS measuring</u>, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>3. <u>Specific RCS for on-ground radiolocation target</u>, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214</p> <p>4. <u>Simulation of measuring RCS of complex scatterers by the decomposition method</u>, 2017, Telecommunications and Radio Engineering (English translation of <u>Elektrosvyaz and Radiotekhnika</u>), 76(12), pp. 1111-1120</p> <p>5. <u>Influence of background surface on backscattering pattern of complex shape object</u>, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>6. <u>BSP step for on-ground targets RCS measuring or calculation</u>, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, 7544052, pp. 306-309</p> <p>7. <u>BSP step for complex target RCS measuring or calculation</u>, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>8. <u>Processing rcs distribution for complex shape objects</u>, 2016, Telecommunications and Radio Engineering (English translation of <u>Elektrosvyaz and Radiotekhnika</u>), 75(20), pp. 1825-1836</p> <p>9. <u>Specific RCS for describing the scattering characteristic of complex shape objects</u>, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p>	8	<p>1. <u>Experimental Measuring of Bright Spots on Complex Shape Object Surface with Decomposition Method</u>, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520217, pp. 181-184</p> <p>2. <u>Decomposition method for complex target RCS measuring</u>, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>3. <u>Specific RCS for on-ground radiolocation target</u>, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214</p> <p>4. <u>Simulation of measuring RCS of complex scatterers by the decomposition method</u>, 2017, Telecommunications and Radio Engineering (English translation of <u>Elektrosvyaz and Radiotekhnika</u>), 76(12), pp. 1111-1120</p> <p>5. <u>Influence of background surface on backscattering pattern of complex shape object</u>, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>6. <u>BSP step for on-ground targets RCS measuring or calculation</u>, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August, 7544052, pp. 306-309</p> <p>7. <u>BSP step for complex target RCS measuring or calculation</u>, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>8. <u>Specific RCS for describing the scattering characteristic of complex shape objects</u>, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізика НВЧ	Погарський Сергій Олександрович	10	<p>1. Singular integral equations in diffraction by multilayer grating of graphene strips in the THz range. EPJ Applied Physics, Volume 82, Issue 2, 1 May 2018</p> <p>2. Modeling of Graphene Planar Grating in the THz Range by the Method of Singular Integral Equations. Frequenz Volume 72, Issue 5-6, 25 April 2018, Pages 277-284</p> <p>3. Method of singular integral equations in diffraction by semiinfinite grating: E-polarization case. Turkish Journal of Electrical Engineering and Computer Sciences, Volume 26, Issue 5, 2018, Pages 2406-2416</p> <p>4. Wave diffraction by semi-infinite venetian blind type grating. IEEE Transactions on Antennas and Propagation Volume 61, Issue 12, December 2013, Номер статті 6595561, Pages 6120-6127</p> <p>5. Operator methods in the problem of wave diffraction by two graphene strips located within parallel planes, Telecommunications and Radio Engineering,</p>	8	<p>1. Singular integral equations in diffraction by multilayer grating of graphene strips in the THz range. EPJ Applied Physics, Volume 82, Issue 2, 1 May 2018</p> <p>2. Modeling of Graphene Planar Grating in the THz Range by the Method of Singular Integral Equations. Frequenz Volume 72, Issue 5-6, 25 April 2018, Pages 277-284</p> <p>3. Method of singular integral equations in diffraction by semiinfinite grating: E-polarization case. Turkish Journal of Electrical Engineering and Computer Sciences, Volume 26, Issue 5, 2018, Pages 2406-2416</p> <p>4. Wave diffraction by semi-infinite venetian blind type grating. IEEE Transactions on Antennas and Propagation Volume 61, Issue 12, December 2013, Номер статті 6595561, Pages 6120-6127</p> <p>5. Operator methods in the problem of wave diffraction by two</p>

				<p>Volume 76, Issue 13, 2017, Pages 1141-1147</p> <p>6. A leaky-wave antenna on the basis of an inverted dielectric waveguide, Telecommunications and Radio Engineering , Volume 77, Issue 10, 2018, Pages 853-862</p> <p>7. Influence of excitation method on the integral characteristics of the circular patch monopole antennas, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)Volume 77, Issue 17, 2018, Pages 1485-1495</p> <p>8. Diffraction by Finite Graphene Grating Above Perfectly Electric Conducting Plane. UWBUSIS 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Odessa; Ukraine; 2018, Proceedings , P. 94-979</p> <p>9. Modeling of Wave Scattering by Graphene Strip Gratings Using Integral Equations Combined with Operator Method. International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018, P. 30-33</p> <p>10. Diffraction by two semi-infinite gratings placed in the same plane 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017, Proceedings, P. 84-88</p>		<p>graphene strips located within parallel planes, Telecommunications and Radio Engineering, Volume 76, Issue 13, 2017, Pages 1141-1147</p> <p>6. A leaky-wave antenna on the basis of an inverted dielectric waveguide, Telecommunications and Radio Engineering , Volume 77, Issue 10, 2018, Pages 853-862</p> <p>7. Influence of excitation method on the integral characteristics of the circular patch monopole antennas, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)Volume 77, Issue 17, 2018, Pages 1485-1495</p> <p>8. Diffraction by Finite Graphene Grating Above Perfectly Electric Conducting Plane. UWBUSIS 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Odessa; Ukraine; 2018, Proceedings , P. 94-979</p>
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Фізика НВЧ	Каліберда Мстислав Євгенович	5	<p>1. Singular integral equations in diffraction by multilayer grating of graphene strips in the THz range. EPJ Applied Physics, Volume 82, Issue 2, 1 May 2018</p> <p>2. Modeling of Graphene Planar Grating in the THz Range by the Method of Singular Integral Equations6 FrequenzVolume 72, Issue 5-6, 25 April 2018, Pages 277-284</p> <p>3. Method of singular integral equations in diffraction by semiinfinite grating: E-polarization case6 Turkish Journal of Electrical Engineering and Computer Sciences, Volume 26, Issue 5, 2018, Pages 2406-2416</p> <p>4. Wave diffraction by semi-infinite venetian blind type grating6 IEEE Transactions on Antennas and Propagation, Volume 61, Issue 12, December 2013, Номер статті 6595561, Pages 6120-6127</p> <p>5. Operator methods in the problem of wave diffraction by two graphene strips located within parallel planes, Telecommunications and Radio Engineering, Volume 76, Issue 13, 2017, Pages 1141-1147</p>	3	<p>1. Singular integral equations in diffraction by multilayer grating of graphene strips in the THz range. EPJ Applied Physics, Volume 82, Issue 2, 1 May 2018</p> <p>2. Modeling of Graphene Planar Grating in the THz Range by the Method of Singular Integral Equations6 FrequenzVolume 72, Issue 5-6, 25 April 2018, Pages 277-284</p> <p>3. Wave diffraction by semi-infinite venetian blind type grating6 IEEE Transactions on Antennas and Propagation, Volume 61, Issue 12, December 2013, Номер статті 6595561, Pages 6120-6127</p>
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Фізика НВЧ	Майборода Дмитро Володимирович	5	<p>1. A leaky-wave antenna on the basis of an inverted dielectric waveguide, Telecommunications and Radio Engineering, Volume 77, Issue 10, 2018, Pages 853-862</p> <p>2. Influence of excitation method on the integral characteristics of the circular patch monopole antennas, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)Volume 77, Issue 17, 2018, Pages 1485-1495</p> <p>3. Impact of the design features on the integral characteristics of monopole disk resonators, Telecommunications and Radio Engineering, Volume 76, Issue 11, 2017, Pages 953-961</p> <p>4. Optimization of the integral parameters of disk microstrip antennas with radiators of complex geometry, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)Volume 75, Issue 9, 2016, Pages 763-769</p> <p>5. Microstrip disk antenna with complicated radiators,</p>	3	<p>1. Impact of the design features on the integral characteristics of monopole disk resonators, Telecommunications and Radio Engineering, Volume 76, Issue 11, 2017, Pages 953-961</p> <p>2. Optimization of the integral parameters of disk microstrip antennas with radiators of complex geometry, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)Volume 75, Issue 9, 2016, Pages 763-769</p> <p>3. Microstrip disk antenna with complicated radiators, Telecommunications and Radio Engineering, Volume 74, Issue 20, 2015, Pages 1777-1782</p>

				Telecommunications and Radio Engineering, Volume 74, Issue 20, 2015, Pages 1777-1782		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Горобець Микола Миколайович	38	<ol style="list-style-type: none"> <li>1. Gorobets, N.N., Yelizarenko, A.A. Analysis of power characteristics of mobile radio communication channels Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 2018. 77(4), C. 283-295</li> <li>2. Gorobets, N.N., Stasyuk, N.N. Wave effects and electromagnetic field distribution on the axis of a dielectric two-axial ellipsoid with loss Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 2017. 76(19), C. 1689-1704</li> <li>3. Yeliseyeva, N.P., Gorobets, N.N., Gorobets, A.N. Characteristics of near field of the horizontal vibrator located above a square screen Journal of Communications Technology and Electronics 2016. 61(7), C. 749-766</li> <li>4. Gorobets, N.N., Ovsyannikova, E.E. Electromagnetic fields and waves near aperture antennas of large electrical sizes. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). 2016. 75(12), c. 1041-1050</li> <li>5. Gorobets, N.N., Ovsyannikova, E.E. Wave processes in the near-field zone of weakly directive aperture radiators of electromagnetic waves. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). 2016. 75(8), c. 705-718</li> <li>6. Gorobets, N.N., Yeliseyeva, N.P. Electrodynamic characteristics of a four-vibrator radiator with a square screen. Journal of Communications Technology and Electronics. 2015. 60(5), c. 454-469</li> <li>7. Gorobets, N.N., Yelizarenko, A.A. Multiband pyramidal horn antennas with identical main lobe widths of the directional patterns. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). 2014. 73(9), c. 757-766</li> <li>8. Gorobets, N.N., Eliseeva, N.P. The radiation characteristics of two parallel electric dipoles with a finite screen. Journal of Communications Technology and Electronics. 2013. 58(8), c. 753-761</li> <li>9. Gorobets, N.N., Yeliseyeva, N.P., Antonenko, Ye.A. Optimisation of radiation characteristics of wire-screened antennas. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). 2012. 71(1), c. 59-69</li> <li>10. Gorobets, N., Ovsyannikova, O. Electromagnetic Fields in the Searchlight Beam of Aperture Antennas With the Aperture of a Round Shape / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520147, c. 362-365</li> <li>11. Gorobets, A.N., Gorobets, N.N., Mahov, E.S. Impedance Matching of Dipole Antennas by Metal Rod and Disk Placing / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520148, c. 357-361</li> <li>12. Gorobets, N.N., Bulgakova, A.A., Lvashchenko, V.A., Gorobets, A.N. Optimizing the Vibrator Antenna, Parallel to a Flat Screen, by the Maximum Directive Gain in the Normal Direction / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520248, c. 372-375</li> </ol>	25	<ol style="list-style-type: none"> <li>1. The radiation characteristics of two parallel electric dipoles with a finite screen Gorobets, N. N.; Eliseeva, N. P. JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS AUG 2013 58 8 753 761</li> <li>2. Electrodynamic characteristics of a four-vibrator radiator with a square screen Gorobets, N. N.; Yeliseyeva, N. P. JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS MAY 2015 60 5 454 469</li> <li>3. Characteristics of Directivity of Vibrator Antennas Placed Parallel to Flat Screen Bulgakova, A. A.; Gorobets, N. N.; Lyashchenko, V. A. 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2017 250 253</li> <li>4. ANALYSIS OF CROSS-POLARIZED RADIATION OF OPTIMIZED REFLECTOR ANTENNAS Gorobets, N. N.; Kiyko, V. I.; Gorobets, V. N. 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2013 458 460</li> <li>5. Broadband Antennas with Reactive Loads Ovsyanikov, Viktor V.; Morozov, Valentin V.; Beznosova, Elena R.; Tsypko, Lydia Z.; Gorobets, Nikolay N. 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2018 353 356</li> <li>6. Impedance Matching of Dipole Antennas by Metal Rod and Disk Placing Gorobets, A. N.; Gorobets, N. N.; Mahov, E. S. 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2018 357 361</li> <li>7. Electromagnetic Fields in the Searchlight Beam of Aperture Antennas With the Aperture of a Round Shape Gorobets, Nikolay; Ovsyannikova, Olena 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2018 362 365</li> <li>8. Optimizing the Vibrator Antenna, Parallel to a Flat Screen, by the Maximum Directive gain in the Normal Direction Gorobets, Nikolay N.; Bulgakova, Anna A.; Lyashchenko, Valentina A.; Gorobets, Alexey N. 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2018 372 375</li> <li>9. Electromagnetic Fields in the Near-Zone of Aperture Antennas with Round Opening Gorobets, N. N.; Ovsyannikova, Ye. Ye. 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2017 100 103</li> <li>10. Spatial Distribution of the Amplitude of Electromagnetic Waves in the Near Zone of Linear and Flat Antenna Arrays Gorobets, N. N.; Lebedev, A. S.; Elizarenko, A. A. 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2017 180 182</li> <li>11. Characteristics of near field of the horizontal vibrator located above a square screen Yeliseyeva, N. P.; Gorobets, N. N.; Gorobets, A. N. JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS JUL 2016</li> </ol>

			<p>13. Ovsyanikov, V.V., Morozov, V.V., Beznosova, E.R., Tsypko, L.Z., Gorobets, N.N. Broadband Antennas with Reactive Loads / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520020, c. 353-35</p> <p>14. Gorobets, N.N., Lebedev, A.S., Elizarenko, A.A. Spatial distribution of the amplitude of electromagnetic waves in the near zone of linear and flat antenna arrays / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972615, c. 180-182</p> <p>15. Bulgakova, A.A., Gorobets, N.N., Lyashchenko, V.A. Characteristics of directivity of vibrator antennas placed parallel to flat screen / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972634, c. 250-253</p> <p>16. Gorobets, N.N., Ovsyannikova, Y.Y. Influence of the form of radiating aperture on wave processes in the near field omnidirectional aperture antennas / 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724197, c. 231-233</p> <p>17. Gorobets, N.N., Lebedev, A.S. Electromagnetic waves near the antenna arrays small electric size / 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724195, c. 225-227</p> <p>18. Gorobets, N.N., Ovsyannikova, Y.Y. Wave processes in the near-field zone of large aperture antenna / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538065</p> <p>19. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Directivity characteristics research of scanning and multibeam reflector antennas by the current method of physical diffraction theory / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538064</p> <p>20. Bulgakova, A.A., Gorobets, N.N., Katrich, V.A., Lyaschenko, V.A. Directivity of large antenna arrays / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538070</p> <p>21. Kokodii, N.G., Kaydash, M.V., Timaniuk, V.A., Gorobets, N.N., Kiyko, V.I. Absorption of microwave radiation in a thin conducting fibers and protective screens creation / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016</p> <p>22. Yeliseyeva, N.P., Gorobets, N.N., Gorobets, A.N. Calculation of near field of dipole placed above rectangular screen / 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings</p> <p>23. Atroshenko, L.M., Gorobets, N.N., Gorobets, A.N., (...), Malukov, V.M., Mel, I.A. State and prospects of the system of testing areas for ground support of external calibration for space systems of Earth's remote sensing / CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6959801, c. 1145-1146</p> <p>24. Pivovar, E.A., Gorobets, N.N. Multialternative detection and recognition of subsurface objects as per the preliminary diagnostics of soil /</p>		<p>61 7 749 766</p> <p>12. Electromagnetic Waves Near the Antenna Arrays Small Electric Size Gorobets, N. N.; Lebedev, A. S. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2016 225 227</p> <p>13. Directivity of Small Antenna Arrays Bulgakova, Anna A.; Gorobets, Nikolay N. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2016 228 230</p> <p>14. Influence of the Form of Radiating Aperture on Wave Processes in the Near Field Omnidirectional Aperture Antennas Gorobets, Nikolay N.; Ovsyannikova, Yelena Ye. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2016 231 233</p> <p>15. Directivity of Large Antenna Arrays Bulgakova, A. A.; Gorobets, N. N.; Katrich, V. A.; Lyaschenko, V. A. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2016</p> <p>16. Wave processes in the near-field zone of large aperture antenna Gorobets, N. N.; Ovsyannikova, Ye. Ye. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2016</p> <p>17. Directivity Characteristics Research of Scanning and Multibeam Reflector Antennas by the Current Method of Physical Diffraction Theory Gorobets, N. N.; Kiyko, V. I.; Gorobets, V. N. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2016</p> <p>18. Electromagnetic Waves in the Searchlight Beam of Antenna Arrays Large Electrical Size Gorobets, N. N.; Lebedev, A. S. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2016</p> <p>19. Absorption of Microwave Radiation in a Thin Conducting Fibers and Protective Screens Creation Kokodii, N. G.; Kaydash, M. V.; Timaniuk, V. A.; Kokodii, N. G.; Gorobets, N. N.; Kiyko, V. I. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2016</p> <p>20. CALCULATION OF NEAR FIELD OF DIPOLE PLACED ABOVE RECTANGULAR SCREEN Yeliseyeva, N. P.; Gorobets, N. N.; Gorobets, A. N. 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2015</p> <p>21. Synthesis of Circularly Polarized Field Radiated by Four Electric Dipoles Located over Square Screen Yeliseyeva, N. P.; Gorobets, N. N. 2014 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET) 2014 191 194</p>
--	--	--	---	--	---

			<p>CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6959819, c. 1181-1182</p> <p>25. Yeliseyeva, N.P., Gorobets, N.N. Synthesis of circularly polarized field radiated by four electric dipoles located over square screen / International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928694, c. 191-194, 2014</p> <p>26. Gorobets, N.N., Ovsianikova, O.Ye. On the support of quasi-homogeneous field distribution near aperture antennas / CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6652983, c. 622-623</p> <p>27. Blinova, N.K., Gorobets, N.N., Selutin, A.V. Longitudinal-transverse waveguide polarization selectors / CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6653026, c. 712-713</p> <p>28. Atroshenko, L.M., Gorobets, N.N., Gorobets, A.N., (...), Malukov, V.M., Mehl, I.A. Use of facilities of commercial purposes for external calibration of space-based SAR / CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6652702, c. 1150-1151</p> <p>29. Stasiuk, N.N., Gorobets, N.N. Electromagnetic field focusing inside dielectric biaxial ellipsoid illuminated by plane linear polarized wave / Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622020, c. 202-204</p> <p>30. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Analysis of cross-polarized radiation of optimized reflector antennas / Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622087, c. 458-460</p> <p>31. Gorobets, N.N. Works department of applied electrodynamics V. N. Karazin Kharkov National University in the field theory of near area antennas / 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650849, c. 572-579</p> <p>32. Gorobets, N.N., Yeliseyeva, N.P. Wave processes in near zone of Hertz dipole with plane screen / 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650850, c. 580-582</p> <p>33. Gorobets, N.N., Bulgakova, A.A. The influence of the screen on the characteristics of omnidirectional radiators and rarefied arrays / 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650750, c. 277-279</p> <p>34. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Dependence of the lateral and cross-polarized radiation reflector antennas on their size and focal length / 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650803, c. 434-437</p> <p>35. Yeliseyeva, N., Gorobets, N. Optimization of radiation characteristics of wire antenna with finite size plane, V - and II - figuration corner reflectors / International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331151, c. 561-565</p> <p>36. Yeliseyeva, N.P., Gorobets, N.N. Resonant length of electric dipole</p>	<p>22. STATE AND PROSPECTS OF THE SYSTEM OF TESTING AREAS FOR GROUND SUPPORT OF EXTERNAL CALIBRATION FOR SPACE SYSTEMS OF EARTH'S REMOTE SENSING Atroshenko, L. M.; Gorobets, N. N.; Gorobets, A. N.; Koshelev, A., V.; Lebedev, A. S.; Malukov, V. M.; Mel, I. A. 2014 24TH INTERNATIONAL CRIMEAN CONFERENCE MICROWAVE &amp; TELECOMMUNICATION TECHNOLOGY (CRIMICO) 2014 1145 1146</p> <p>23. MULTIALTERNATIVE DETECTION AND RECOGNITION OF SUBSURFACE OBJECTS AS PER THE PRELIMINARY DIAGNOSTICS OF SOIL Pivovarov, E. A.; Gorobets, N. N. 2014 24TH INTERNATIONAL CRIMEAN CONFERENCE MICROWAVE &amp; TELECOMMUNICATION TECHNOLOGY (CRIMICO) 2014 1181 1182</p> <p>24. ELECTROMAGNETIC FIELD FOCUSING INSIDE DIELECTRIC BIAxIAL ELIPSOID ILLUMINATED BY PLANE LINEAR POLARIZED WAVE Stasiuk, N. N.; Gorobets, N. N. 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2013 202 204</p> <p>25. OPTIMIZATION OF RADIATION CHARACTERISTICS OF WIRE ANTENNA WITH FINITE SIZE PLANE, V - AND Pi - FIGURATION CORNER REFLECTORS Yeliseyeva, N.; Gorobets, N. 2012 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET) 2012 561 565</p>
--	--	--	--	---

				<p>located inside dihedral corner reflector / 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379769, c. 170-173</p> <p>37. Gorobets, N.N., Bulgakova, A.A. Direction and range characteristics of rarefied antenna arrays with screens / 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379776, c. 192-194</p> <p>38. Atroshenko, L.M., Gorobets, N.N., Gorobets, A.N., (...), Malyukov, V.M., Ratushnaya, E.S. Ground-calibration complex for space-based SAR / CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6335862, c. 1005-1006</p>		
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Кийко Віктор Іванович	13	<p>1. S. L. Berdnik, V. A. Katrich, V. I. Kiyko, M. V. Nesterenko, Yu. M. Penkin Power characteristics of a t-junction of rectangular waveguides with a multi -element monopole-slotted coupling structure. Telecommunications and Radio Engineering . Vol 75, 2016, pages 489-506.</p> <p>2. S. L. Berdnik, Y. M. Penkin, V. A. Katrich, M. V. Nesterenko, V. I. Kijko, "Electromagnetic Waves Radiation into the Space Over a Sphere by a Slot in the End-Wall of a Semi-Infinite Rectangular Waveguide," Progress In Electromagnetics Research B, Vol. 46, 139-158, 2013.</p> <p>3. D. Y. Penkin, S. L. Berdnik, V. A. Katrich, M. V. Nesterenko, and V. I. Kijko, "Electromagnetic Fields Excitation by a Multielement Vibrator-Slot Structures in Coupled Electrodynamics Volumes," Progress In Electromagnetics Research B, Vol. 49, 235-252, 2013</p> <p>4. M. V. Nesterenko, V. A. Katrich, Y. M. Penkin, S. L. Berdnik, V. I. Kijko, "Combined Vibrator-Slot Structures in Electrodynamics Volumes," Progress In Electromagnetics Research B, Vol. 37, 237-256, 2012</p> <p>5. M. V. Nesterenko, V. A. Katrich, D. Y. Penkin, S. L. Berdnik, V. I. Kijko, "Electromagnetic Waves Scattering and Radiation by Vibrator-Slot Structure in a Rectangular Waveguide," Progress In Electromagnetics Research M, Vol. 24, 69-84, 2012</p> <p>6. Blinova, N., Yatsuk, L., Lyahovskiy, A., Kiyko, V., Selutin, A. A Slot in the End Wall of a Rectangular Waveguide with a Dielectric Insert as an Irradiator of Fragments of the Material Medium / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520185, c. 194-197</p> <p>7. Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V., Penkin, Yu.M. T-junction of rectangular waveguides with monopole-slot coupling structure and elements coated by a metamaterial / 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 – Proceedings, 8100577, c. 123-127</p> <p>8. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Directivity characteristics research of scanning and multibeam reflector antennas by the current method of physical diffraction theory / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538064</p> <p>9. Kokodii, N.G., Kaydash, M.V., Timaniuk, V.A., Gorobets, N.N., Kiyko, V.I. Absorption of microwave radiation in a thin conducting fibers and</p>	4	<p>1. Gorobets, N. N.; Kiyko, V. I.; Gorobets, V. N. Analysis of cross-polarized radiation of optimized reflector antennas /2013 international kharkov symposium on physics and engineering of microwaves, millimeter and submillimeter waves (MSMW) 2013, c.458-460</p> <p>2. Berdnik, S. L.; Katrich, V. A.; Kiyko, V. I.; Nesterenko, M. V.; Penkin, Yu. M. T-junction of Rectangular Waveguides with Monopole-Slot Coupling Structure and Elements Coated by a Metamaterial. / 2017 XXIIND international seminar/workshop on direct and inverse problems of electromagnetic and acoustic wave theory (DIPED) 2017, c.123-127</p> <p>3. Gorobets, N. N.; Kiyko, V. I.; Gorobets, V. N. Directivity Characteristics Research of Scanning and Multibeam Reflector Antennas by the Current Method of Physical Diffraction Theory / 2016 9th international kharkiv symposium on physics and engineering of microwaves, millimeter and submillimeter waves (MSMW), 2016</p> <p>4. Kokodii, N. G.; Kaydash, M. V.; Timaniuk, V. A.; Kokodii, N. G.; Gorobets, N. N.; Kiyko, V. I. Absorption of Microwave Radiation in a Thin Conducting Fibers and Protective Screens Creation / 2016 9th international kharkiv symposium on physics and engineering of microwaves, millimeter and submillimeter waves (MSMW) 2016</p>

				<p>protective screens creation / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7537990</p> <p>10. Penkin, D.Yu., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kijko, V.I. Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide / CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6653024, c. 708-709</p> <p>11. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Analysis of cross-polarized radiation of optimized reflector antennas / International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622087, c. 458-460</p> <p>12. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Dependence of the lateral and cross-polarized radiation reflector antennas on their size and focal length / International Conference on Antenna Theory and Techniques, ICATT 2013, 6650803, c. 434-437</p> <p>13. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kiyko, V.I. System of impedance vibrators in free space / Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 6344097, c. 53-56</p>		
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Блинова Наталя Костянтинівна	18	<p>1. <u>Blinova, N., Yatsuk, L., Lyahovskiy, A., Kiyko, V., Selutin, A. A Slot in the End Wall of a Rectangular Waveguide with a Dielectric Insert as an Irradiator of Fragments of the Material Medium</u> /UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings8520185, c. 194-197.</p> <p>6. <u>Dakhov, V.M., Berdnik, S.L., Blinova, N.K., Penkin, Yu.M. Array of the four arc monopoles on a sphere with surface impedance.</u> / 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings8100601, c. 201-204.</p> <p>3. <u>Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L., Blinova, N.K. Radiation field of a dipole placed at impedance sphere.</u> / 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings8100528, c. 29-32.</p> <p>4. <u>Blinova, N.K., Yatsuk, L.P., Selutin, A.V. Microwave irradiator in the form of a piece of rectangular waveguide with dielectric insertion and narrow slot.</u> / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 20177972633, c. 246-249.</p> <p>5. <u>Dakhov, V.M., Berdnik, S.L., Blinova, N.K., Penkin, Y.M. Array of the two Arc monopoles on a sphere with surface impedance.</u> / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017 7972618, c. 190-193.</p> <p>6. <u>Yatsuk, L.P., Blinova, N.K. Radiation from a narrow slot cut through the end face wall of the semi-infinite rectangular waveguide with a dielectric plug inside. Part 1: Solving of the electrodynamic problem.</u> / <u>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</u> 76(15), c.1323-1337</p> <p>7. <u>Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Blinova, N.K. Effect</u></p>	11	<p>6. The olfactory system of crustaceans as a model for ecotoxicological studies Blinova, N. K.; Cherkashin, S. A. JOURNAL OF EVOLUTIONARY BIOCHEMISTRY AND PHYSIOLOGY MAR 2012 c.155-165, T.48, Вып.2</p> <p>7. Directional Characteristics of an Antenna Array of Monopoles on a Perfectly Conducting Sphere Nesterenko, M. V.; Katrich, V. A.; Yatsuk, L. P.; Blinova, N. K.; Penkin, Yu. M.; Dakhov, V. M. 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET) 2016 c.388-391</p> <p>8. Array of the Two Arc Monopoles on a Sphere with Surface Impedance Dakhov, V. M.; Berdnik, S. L.; Blinova, N. K.; Penkin, Yu. M. 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2017 c.190-193</p> <p>9. Microwave Irradiator in the Form of a Piece of Rectangular Waveguide with Dielectric Insertion and Narrow Slot Blinova, N. K.; Yatsuk, L. P.; Selutin, A. V. 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2017 246 249</p> <p>10. SPHERICAL ANTENNA EXCITED BY A SLOT IN AN IMPEDANCE END-WALL WITH LOSSES OF A RECTANGULAR WAVEGUIDE Berdnik, S. L.; Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Blinova, N. K. 2014 24TH INTERNATIONAL CRIMEAN CONFERENCE MICROWAVE &amp; TELECOMMUNICATION TECHNOLOGY (CRIMICO) 2014 491 492</p> <p>11. Radiation Field of a Dipole Placed at Impedance Sphere Penkin, Yu. M.; Katrich, V. A.; Nesterenko, M. V.; Berdnik, S. L.; Blinova, N. K. 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON) 2017 29 32</p> <p>12. Array of the Four Arc Monopoles on a Sphere with Surface Impedance</p>

			<p>of surface impedance on radiation fields of spherical antennas./ <i>Progress in Electromagnetics Research Letters</i> 71, c. 83-89</p> <p>8. <u>Blinova, N.K., Yatsuk, L.P., Sachko, V.O., Selutin, A.V. On the reliability of the mathematical model of coupling the waveguide and free half space by a wire segment through a small round aperture./ 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016 7724170, c. 136-138.</u></p> <p>9. <u>Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P., Blinova, N.K., Penkin, Y.M., Dakhov, V.M. Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere/International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2016-August, 7543971, c. 388-391.</u></p> <p>10. <u>Blinova, N.K., Yatsuk, L.P., Sachko, V.O. Energy characteristics of wire vibrator connecting a rectangular waveguide and the free half space through a small hole./ 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 20167538052</u></p> <p>11. <u>Blinova, N.K., Yatsuk, L.P., Selyutin, A.V. Synthesis of a transverse slot grating in a slow wave-supporting waveguide with specified power and directivity characteristics in the case of frequency scanning/ Telecommunications and Radio Engineering (English translation of <i>Elektrosvyaz</i> and <i>Radiotekhnika</i>) 201675(9), c. 771-780</u></p> <p>12. <u>Berdnik, S.L., Blinova, N.K., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. Spherical antenna with a Clavin radiator./Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED2015-November, 7324256, c. 75-77.</u></p> <p>13. <u>Yatsuk, L.P., Blinova, N.K., Lyakhovsky, A.F., Lyakhovsky, A.A., Selutin, A.V. Theory questions of waveguide-slot structures with dielectric insertions./ 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings 7136823</u></p> <p>14. <u>Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Blinova, N.K. Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide./ CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6959494, c. 491-492</u></p> <p>15. <u>Blinova, N.K., Gorobets, N.N., Selutin, A.V. Longitudinal-transverse waveguide polarization selectors./ CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6653026, c. 712-713.</u></p> <p>16. <u>Blinova, N.K., Yatsuk, L.P. Optimization of parameters of resonance system based on transverse slots in the rectangular waveguide with slow-wave structure./ 2013 9th International Conference on Antenna Theory and Techniques, ICATT 20136650711, c. 160-162.</u></p> <p>17. <u>Selutin, A., Blinova, N., Yatsuk, L. Energy and polarization characteristics of X-slots in the waveguide with a dielectric heterogeneity and complex loa./ 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings 6379806, c. 281-283.</u></p> <p><u>Blinova, N., Yatsuk, L., Lyakhovsky, A. Energy parameters and directional characteristics of a finite system of transverse slots in rectangular waveguide with</u></p>	<p>Dakhov, V. M.; Berdnik, S. L.; Blinova, N. K.; Penkin, Yu. M. 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED) 2017 201 204</p> <p>13. On the Reliability of the Mathematical Model of Coupling the Waveguide and Free Half Space by a Wire Segment Through a Small Round Aperture Blinova, N. K.; Yatsuk, L. P.; Sachko, V. O.; Selutin, A. V. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2016 136 138</p> <p>14. Energy Characteristics of Wire Vibrator Connecting a Rectangular Waveguide and the Free Half Space through a Small Hole Blinova, N. K.; Yatsuk, L. P.; Sachko, V. O. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2016</p> <p>10 THEORY QUESTIONS OF WAVEGUIDE-SLOT STRUCTURES WITH DIELECTRIC INSERTIONS Yatsuk, L. P.; Blinova, N. K.; Lyakhovsky, A. F.; Lyakhovsky, A. A.; Selutin, A. V. 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2015</p> <p>11. Spherical Antenna with a Clavin Radiator Berdnik, S. L.; Blinova, N. K.; Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY 2015 c.75-77</p>
--	--	--	---	---



				the dielectric layer./ 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings6379810, c. 294-296		
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Селютин Андрій Вікторович	7	<ol style="list-style-type: none"> <li>1. <u>Blinova, N., Yatsuk, L.</u>, Lyahovskiy, A., <u>Kiyko, V., Selutin, A.</u> A Slot in the End Wall of a Rectangular Waveguide with a Dielectric Insert as an Irradiator of Fragments of the Material Medium /UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520185, c. 194-197.</li> <li>2. <u>Blinova, N.K., Yatsuk, L.P., Selutin, A.V.</u> Microwave irradiator in the form of a piece of rectangular waveguide with dielectric insertion and narrow slot./ 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017 7972633, c. 246-249.</li> <li>3. <u>Blinova, N.K., Yatsuk, L.P., Sachko, V.O., Selutin, A.V.</u> <u>On the reliability of the mathematical model of coupling the waveguide and free half space by a wire segment through a small round aperture.</u>/ 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016 7724170, c. 136-138.</li> <li>4. <u>Blinova, N.K., Yatsuk, L.P., Selyutin, A.V.</u> <u>Synthesis of a transverse slot grating in a slow wave-supporting waveguide with specified power and directivity characteristics in the case of frequency scanning/ Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 2016 75(9), c. 771-780</u></li> <li>5. <u>Yatsuk, L.P., Blinova, N.K., Lyakhovsky, A.F., Lyakhovsky, A.A., Selutin, A.V.</u> <u>Theory questions of waveguide-slot structures with dielectric insertions.</u>/ 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings 7136823</li> <li>6. <u>Blinova, N.K., Gorobets, N.N., Selutin, A.V.</u> <u>Longitudinal-transverse waveguide polarization selectors.</u>/ CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6653026, c. 712-713.</li> </ol> <p><u>Selutin, A., Blinova, N., Yatsuk, L.</u> <u>Energy and polarization characteristics of X-slots in the waveguide with a dielectric heterogeneity and complex loa.</u>/ 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings 6379806, c. 281-283.</p>	3	<ol style="list-style-type: none"> <li>1. Blinova, N. K.; Yatsuk, L. P.; Selutin, A. V. Microwave Irradiator in the Form of a Piece of Rectangular Waveguide with Dielectric Insertion and Narrow Slot / 2017 XI international conference on antenna theory and techniques (ICATT) 2017 c. 246-249</li> <li>2. Blinova, N. K.; Yatsuk, L. P.; Sachko, V. O.; Selutin, A. V. On the Reliability of the Mathematical Model of Coupling the Waveguide and Free Half Space by a Wire Segment Through a Small Round Aperture 2016 8th international conference on ultrawideband and ultrashort impulse signals (UWBUSIS) 2016 c. 136-138</li> <li>3. Yatsuk, L. P.; Blinova, N. K.; Lyakhovsky, A. F.; Lyakhovsky, A. A.; Selutin, A. V. Theory questions of waveguide-slot structures with dielectric insertions 2015 international conference on antenna theory and techniques (ICATT) 2015</li> </ol>
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Думін Олександр Миколайович	25	<ol style="list-style-type: none"> <li>1. Dumin O., Akhmedov R. Ultrashort Impulse Radiation from Plane Disk with Uniform Current Distribution // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 169–173.</li> <li>2. Dumin O.M., Prishchenko O., Shyrokorad D., Plakhtii V. Application of UWB Electromagnetic Waves for Subsurface Object Location Classification by Artificial Neural Networks // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 290–293.</li> <li>3. Lyakhovsky A., Katrich V., Dumin O., Yatsuk L., Lyakhovsky A. Electromagnetic Wave Scattering on Longitudinal Slot with Layered Medium in Rectangular Waveguide // Proc. 9th International Conference on Ultrawideband</li> </ol>	13	<ol style="list-style-type: none"> <li>1. Radiation of Two Small Impulse Current Radiators Dumin, O. M.; Plakhtii, V. A.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2016 81 84</li> <li>2. Evolutionary Approach for the Problems of Transient Electromagnetic Field Propagation in Nonlinear Medium Dumin, O. M.; Katrich, V. A.; Akhmedov, R. D.; Tretyakov, O. A.; Dumina, O. O. 2014 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET) 2014 57 60</li> <li>3. Transient Radiation of System of Four Noncollinear Dipoles Plakhtii, V. A.; Dumin, O. M.; Prishchenko, O. A. 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER</li> </ol>

			<p>and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 226–229.</p> <p>4. Dumin O., Prishchenko O., Pochanin G., Plakhtii V., Shyrokograd D. Subsurface Object Identification by Artificial Neural Networks and Impulse Radiolocation // 2018 IEEE Second International Conference on Data Stream Mining &amp; Processing (DSMP-2018), August 21-25, 2018, Lviv, Ukraine.- P. 434-437.</p> <p>5. Akhmedov R., Dumin O., Katrich V. Impulse radiation of antenna with circular aperture // Telecommunications and radio engineering. – 2018. – V.77 (20). – P.1767–1784.</p> <p>6. Plakhtii V.A., Dumin O.M., Prishchenko O.A. Near Radiation Zone of Six Short Impulse Radiators // 2017 IEEE International Young Scientists Forum on Applied Physics and Engineering (YSF-2017), October 17-20, 2017, Lviv, Ukraine.- P. 251-254.</p> <p>7. Plakhtii V.A., Dumin O.M., Prishchenko O.A. Transient Radiation of System of Four Noncollinear Dipoles // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON), May 29-June 2, 2017, Kyiv, Ukraine.- P. 225-228.</p> <p>8. Dumin O.M., Akhmedov R.D., Katrich V.A., Dumina O.O. Transient Radiation of Circle with Uniform Current Distribution // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON), May 29-June 2, 2017, Kyiv, Ukraine.- P. 261-265.</p> <p>9. Dumin O., Khmara S., Shyrokograd D. Artificial Neural Networks in Time Domain Electromagnetics // Proc. 11th International Conference on Antenna Theory and Techniques (ICATT-2017), 24-27 May, 2017, Kyiv, Ukraine.- P. 118-121.</p> <p>10. Ogurtsova T., Kholod P., Klochko G., Pochanin G., Berdnik S., Dumin O. Frequency Domain Measurement of Permeability of M400HH Ferrite Rods in the VHF Range // Proc. 11th International Conference on Antenna Theory and Techniques (ICATT-2017), 24-27 May, 2017, Kyiv, Ukraine.- P. 399-401.</p> <p>11. Dumin O., Akhmedov R., Dumina O.O. Transient field radiation of plane disk into nonlinear medium // Праці IEEE Міжнародної конференції з інформаційно-телекомунікаційних технологій та радіоелектроніки (UkrMiCo'2016). – Київ (Україна, вересень 11-15). – 2016. – P. 148–151.</p> <p>12. Dumin O.M., Akhmedov R.D., Katrich V.A., and Dumina O.O. Propagation of transient field radiated from plane disk in nonlinear medium // Proc. 8th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2016). – Odessa (Ukraine, September 5-11). – 2016. – P. 77–80.</p> <p>13. 50. Dumin O.M., Plakhtii V.A., Katrich V.A., Dumina O.O., Volvach I.S. Radiation of two small impulse current radiators // Proc. 8th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2016). – Odessa (Ukraine, September 5-11). – 2016. – P. 81–84.</p> <p>14. Plakhtii V. A. Dumin O. M., Katrich V. A., Dumina O. O., Volvach I. S. Energy transformation of transient field of herzian dipole // Proc. 16 th IEEE International Conference on Mathematical Methods in Electromagnetic Theory (MMET–2016). – Lviv (Ukraine, July 5-7). – 2016. – EMA-8.</p> <p>15. Plakhtii V. A., Dumin O. M., Katrich V. A., Dumina O. O. Field regions of impulse current radiator of small size // Proc. 9 th International Kharkiv</p>	<p>ENGINEERING (UKRCON) 2017 227 230</p> <p>4. Near Radiation Zone of Six Short Impulse Radiators Plakhtii, V. A.; Dumin, O. M.; Prishchenko, O. A. 2017 IEEE INTERNATIONAL YOUNG SCIENTISTS FORUM ON APPLIED PHYSICS AND ENGINEERING (YSF) 2017 251 254</p> <p>5. PROPAGATION OF TRANSIENT FIELD RADIATED FROM PLANE DISK IN NONLINEAR MEDIUM Dumin, O. M.; Akhmedov, R. D.; Katrich, V. A.; Dumina, O. O. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2016 77 80</p> <p>6. Field Regions of Impulse Current Radiator of Small Size Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2016</p> <p>7. Energy Transformation of Transient Field of Herzian Dipole Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET) 2016 314 317</p> <p>8. TRANSIENT FIELD RADIATION OF PLANE DISK INTO NONLINEAR MEDIUM Dumin, O. M.; Akhmedov, R. D.; Dumina, O. O. 2016 INTERNATIONAL CONFERENCE RADIO ELECTRONICS &amp; INFO COMMUNICATIONS (UKRMICO) 2016</p> <p>9. CALCULATION OF EXPERIMENTAL APPARATUS FOR BIOLOGICAL OBJECT IRRADIATION BY IMPULSE ELECTROMAGNETIC FIELD Dumin, O. M.; Shckorbatov, Y. G.; Chernov, A. I.; Katrich, V. A. 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2015</p> <p>10. TRANSIENT ELECTROMAGNETIC FIELD PROPAGATION THROUGH NONLINEAR MEDIUM IN TIME DOMAIN Dumin, O. M.; Tretyakov, O. A.; Akhmedov, R. D.; Dumina, O. O. 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2015</p> <p>11. NEAR FIELD OF HERTZIAN DIPOLE EXCITED BY IMPULSE CURRENT Dumin, O. M.; Plakhtii, V. A.; Volvach, I. S.; Pshenichnaya, S. V.; Dumina, O. O. 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2015</p> <p>12. Numerical Simulation and Experimental Investigation of Human Cell Irradiation by Impulse Electromagnetic Field Chernov, A. I.; Dumin, O. M.; Miroshnik, D. B.; Shckorbatov, Y. G.; Katrich, V. A.; Kolchigin, N. N. 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY 2015 162 164</p> <p>13. METHOD AND RIKDEDIN SOFTWARE PACKAGE FOR INTERPRETATION OF REMOTE SENSING DATA Dumin, O. M.; Katrich, V. A.; Koltunov, Y. A. 2013 INTERNATIONAL KHARKOV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2013 346 348</p>
--	--	--	---	---

			<p>Symposium On Physics And Engineering Of Microwaves, Millimeter And Submillimeter Waves (MSMW–2016). – Kharkiv (Ukraine, June 21-24). – 2016. – D-27.</p> <p>16. Chernov A.I., Dumin O.M., Miroshnik D.B., Shckorbatov Y.G., Katrich V.A. Kolchigin N.N. Numerical Simulation and Experimental Investigation of Human Cell Irradiation by Impulse Electromagnetic Field Numerical Simulation and Experimental Investigation of Human Cell Irradiation by Impulse Electromagnetic Field // Proc. of The XX-th International Seminar / Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic wave Theory (DIPED–15), 21-24 September. – Lviv (Ukraine). – 2015. – P.162-164.</p> <p>17. Dumin O.M., Tretyakov O.A., Akhmedov R.D., and Dumina O.O. Transient electromagnetic field propagation through nonlinear medium in time domain // Proc. 10th International Conference on Antenna Theory and Techniques (ICATT-2015), 21-24 April, 2015, Kharkiv, Ukraine.- P. 93-95.</p> <p>18. Dumin O.M., Shckorbatov Y.G., Chernov A.I., Katrich V.A. Calculation of experimental apparatus for biological object irradiation by impulse electromagnetic field // Proc. 10th International Conference on Antenna Theory and Techniques (ICATT-2015), 21-24 April, 2015, Kharkiv, Ukraine.- P. 375-377.</p> <p>19. Dumin O.M., Plakhtii V.A., Volvach I.S., Pshenichnaya S.V., Dumina O.O. Near field of Hertzian dipole excited by impulse current // Proc. 10th International Conference on Antenna Theory and Techniques (ICATT-2015), 21-24 April, 2015, Kharkiv, Ukraine.- P. 90-92.</p> <p>20. Dumin O.M., Katrich V.A., Akhmedov R.D., Tretyakov O.A., Dumina O.O. Evolutionary Approach for the Problems of Transient Electromagnetic Field Propagation in Nonlinear Medium // Proc. XV International Conf. on Math. Methods in Electromagnetic Theory (MMET–2014). – Dnipropetrovsk (Ukraine, Aug. 26-28). – 2014. – P. 57-60.</p> <p>21. Dumin O. M., Katrich V.A., Koltunov Y.A. Method and RIKDEDIN software package for interpretation of remote sensing data // Proc. of International Symposium on Physics and Engineering of Microwaves, Millimeter, and Submillimeter Waves (MSMW-2013). June 23-28. – Kharkov (Ukraine). – 2013. – P. 346-348.</p> <p>22. Dumin O.M., Katrich V.A., Koltunov Y.A. and Neroda I.V. Numerical methods of structure-statistical object classification for remote sensing // International Conference on Antenna Theory and Techniques (ICATT-2013), 16-20 September, 2013, Odessa, Ukraine.- P. 426-428.</p> <p>23. Dumin O., Koltunov Y., Dumina O., Katrich V. Statistical approach to the recognition and classification for remote sensing // Proc. XIV International Conf. on Math. Methods in Electromagnetic Theory (MMET–2012). – Kharkiv (Ukraine). – 2012. – P. 336-339.</p> <p>24. Dumin O., Volvach I.S., Dumina O. Transient Near field of Hertzian dipole // Proc. 6th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2012). – Sevastopol (Ukraine, September 17-21). – 2012. – P. 69–71.</p> <p>25. Dumin O., Koltunov Y., Dumina O., Katrich V. Calculation of Fisher information matrix and its application in methods of recognition and classification for remote sensing of earth // Proc. 6th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2012). – Sevastopol (Ukraine, September 17-21). – 2012. – P.278–280.</p>	
--	--	--	---	--

Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Плахтій Вадим Анатолійович	8	<ol style="list-style-type: none"> <li>1. Dumin O.M., Prishchenko O., Shyrokorad D., Plakhtii V. Application of UWB Electromagnetic Waves for Subsurface Object Location Classification by Artificial Neural Networks // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 290–293.</li> <li>2. Dumin O., Prishchenko O., Pochanin G., Plakhtii V., Shyrokorad D. Subsurface Object Identification by Artificial Neural Networks and Impulse Radiolocation // 2018 IEEE Second International Conference on Data Stream Mining &amp; Processing (DSMP-2018), August 21-25, 2018, Lviv, Ukraine.- P. 434-437.</li> <li>3. Plakhtii V.A., Dumin O.M., Prishchenko O.A. Near Radiation Zone of Six Short Impulse Radiators // 2017 IEEE International Young Scientists Forum on Applied Physics and Engineering (YSF-2017), October 17-20, 2017, Lviv, Ukraine.- P. 251-254.</li> <li>4. Plakhtii V.A., Dumin O.M., Prishchenko O.A. Transient Radiation of System of Four Noncollinear Dipoles // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON), May 29-June 2, 2017, Kyiv, Ukraine.- P. 225-228.</li> <li>5. Dumin O.M., Plakhtii V.A., Katrich V.A., Dumina O.O., Volvach I.S. Radiation of two small impulse current radiators // Proc. 8th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2016). – Odessa (Ukraine, September 5-11). – 2016. – P. 81–84.</li> <li>6. Plakhtii V. A. Dumin O. M., Katrich V. A., Dumina O. O., Volvach I. S. Energy transformation of transient field of herzian dipole // Proc. 16 th IEEE International Conference on Mathematical Methods in Electromagnetic Theory (MMET–2016). – Lviv (Ukraine, July 5-7). – 2016. – EMA-8.</li> <li>7. Plakhtii V. A., Dumin O. M., Katrich V. A., Dumina O. O. Field regions of impulse current radiator of small size // Proc. 9 th International Kharkiv Symposium On Physics And Engineering Of Microwaves, Millimeter And Submillimeter Waves (MSMW–2016). – Kharkiv (Ukraine, June 21-24). – 2016. – D-27.</li> <li>8. Dumin O.M., Plakhtii V.A., Volvach I.S., Pshenichnaya S.V., Dumina O.O. Near field of Hertzian dipole excited by impulse current // Proc. 10th International Conference on Antenna Theory and Techniques (ICATT-2015), 21-24 April, 2015, Kharkiv, Ukraine.- P. 90-92.</li> </ol>	7	<ol style="list-style-type: none"> <li>1. Dumin, O. M.; Plakhtii, V. A.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. Radiation of Two Small Impulse Current Radiators /2016 8th international conference on ultrawideband and ultrashort impulse signals (UWBUSIS) 2016 c.81-84</li> <li>2. Plakhtii, V. A.; Dumin, O. M.; Prishchenko, O. A. Transient Radiation of System of Four Noncollinear / Dipoles 2017 IEEE first ukraine conference on electrical and computer engineering (UKRCON) 2017 c.227-230</li> <li>3. Plakhtii, V. A.; Dumin, O. M.; Prishchenko, O. A. Near Radiation Zone of Six Short Impulse Radiators / 2017 IEEE international young scientists forum on applied physics and engineering (YSF) 2017 c.251-254</li> <li>4. Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O. Field Regions of Impulse Current Radiator of Small Size / 2016 9th international kharkiv symposium on physics and engineering of microwaves, millimeter and submillimeter waves (MSMW) 2016</li> <li>5. Krivonos, A. P.; Plakhtii, V. A. Comparison of Single Station Methods for Analysis of Tweek Atmospherics / 2016 IEEE international conference on mathematical methods in electromagnetic theory (MMET) 2016 c.165-168</li> <li>6. Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. Energy Transformation of Transient Field of Herzian Dipole / 2016 IEEE international conference on mathematical methods in electromagnetic theory (MMET) 2016 c.314-317</li> <li>7. Dumin, O. M.; Plakhtii, V. A.; Volvach, I. S.; Pshenichnaya, S., V; Dumina, O. O. Near field of hertzian dipole excited by impulse current / 2015 international conference on antenna theory and techniques (ICATT) 2015</li> </ol>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Ахмедов Ролан Джавадович	7	<ol style="list-style-type: none"> <li>1. Dumin O., Akhmedov R. Ultrashort Impulse Radiation from Plane Disk with Uniform Current Distribution // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 169–173.</li> <li>2. Akhmedov R., Dumin O., Katrich V. Impulse radiation of antenna with circular aperture // Telecommunications and radio engineering. – 2018. – V.77 (20). – P.1767–1784.</li> <li>3. Dumin O.M., Akhmedov R.D., Katrich V.A., Dumina O.O. Transient Radiation of Circle with Uniform Current Distribution // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON), May 29-June 2, 2017, Kyiv, Ukraine.- P. 261-265.</li> <li>4. Dumin O., Akhmedov R., Dumina O.O. Transient field radiation of plane disk into nonlinear medium // Праці IEEE Міжнародної конференції з</li> </ol>	4	<ol style="list-style-type: none"> <li>1. Dumin, O. M.; Katrich, V. A.; Akhmedov, R. D.; Tretyakov, O. A.; Dumina, O. O. Evolutionary Approach for the Problems of Transient Electromagnetic Field Propagation in Nonlinear Medium / 2014 international conference on mathematical methods in electromagnetic theory (MMET) 2014 c.57-60</li> <li>2. Dumin, O. M.; Akhmedov, R. D.; Katrich, V. A.; Dumina, O. O. Propagation of transient field radiated from plane disk in nonlinear medium / 2016 8th international conference on ultrawideband and ultrashort impulse signals (UWBUSIS) 2016 c.77-80</li> <li>3. Dumin, O. M.; Akhmedov, R. D.; Dumina, O. O. Transient field radiation of plane disk into nonlinear medium / 2016 international conference radio electronics &amp; info communications (UKRMICO) 2016</li> <li>4. Dumin, O. M.; Tretyakov, O. A.; Akhmedov, R. D.; Dumina, O. O.</li> </ol>

				інформаційно-телекомунікаційних технологій та радіоелектроніки (UkrMiCo'2016). – Київ (Україна, вересень 11-15). – 2016. – P. 148–151. 5. Dumin O.M., Akhmedov R.D., Katrich V.A., and Dumina O.O. Propagation of transient field radiated from plane disk in nonlinear medium // Proc. 8th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2016). – Odessa (Ukraine, September 5-11). – 2016. – P. 77–80. 6. Dumin O.M., Tretyakov O.A., Akhmedov R.D., and Dumina O.O. Transient electromagnetic field propagation through nonlinear medium in time domain // Proc. 10th International Conference on Antenna Theory and Techniques (ICATT-2015), 21-24 April, 2015, Kharkiv, Ukraine.- P. 93-95. 7. Dumin O.M., Katrich V.A., Akhmedov R.D., Tretyakov O.A., Dumina O.O. Evolutionary Approach for the Problems of Transient Electromagnetic Field Propagation in Nonlinear Medium // Proc. XV International Conf. on Math. Methods in Electromagnetic Theory (MMET–2014). – Dnipropetrovsk (Ukraine, Aug. 26-28). – 2014. – P. 57-60.		Transient electromagnetic field propagation through nonlinear medium in time domain / 2015 international conference on antenna theory and techniques (ICATT) 2015
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Булгакова Ганна Олексіївна	6	1. Gorobets, N.N., Bulgakova, A.A., Lvashchenko, V.A., Gorobets, A.N. Optimizing the Vibrator Antenna, Parallel to a Flat Screen, by the Maximum Directive Gain in the Normal Direction / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520248, c. 372-375 2. Bulgakova, A.A., Gorobets, N.N., Lyashchenko, V.A. Characteristics of directivity of vibrator antennas placed parallel to flat screen / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972634, c. 250-253 3. Bulgakova, A.A., Gorobets, N.N. Directivity of small antenna arrays / 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724196, c. 228-230 4. Bulgakova, A.A., Gorobets, N.N., Katrich, V.A., Lyashchenko, V.A. Directivity of large antenna arrays / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538070 5. Gorobets, N.N., Bulgakova, A.A. The influence of the screen on the characteristics of omnidirectional radiators and rarefied arrays / 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650750, c. 277-279 6. Gorobets, N.N., Bulgakova, A.A. Direction and range characteristics of rarefied antenna arrays with screens / 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379776, c. 192-194	2	1. Bulgakova, A. A.; Gorobets, N. N.; Lyashchenko, V. A. Characteristics of Directivity of Vibrator Antennas Placed Parallel to Flat Screen / 2017 XI international conference on antenna theory and techniques (ICATT) 2017 c. 250-253 2. Bulgakova, A. A.; Gorobets, N. N.; Katrich, V. A.; Lyashchenko, V. A. Directivity of Large Antenna Arrays 2016 9th international kharkiv symposium on physics and engineering of microwaves, millimeter and submillimeter waves (MSMW) 2016
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Медведєв Микола Володимирович	9	1. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Slot radiator in the semi-infinite coaxial line / CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6336068, c. 495-496 2. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Radiation from the transverse slot cut in a coaxial line in the lossy material medium /2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379738, c. 78-80	5	1. Lyashchenko, V. A.; Medvedev, N. V.; Olefir, A. V. Electromagnetic Near-Field of Circumferential Slot Cut in Coaxial Line Shield / 2017 XI international conference on antenna theory and techniques (ICATT) 2017 c.96-99 2. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. Coaxial-slot Antenna Array With Different Lengths of Radiators / 2016 international conference radio electronics & info communications (UKRMICO) 2016 3. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V.; Olefir, A. V. Electromagnetic Near-Field of Arc Slot, Cut in Coaxial Line Shield / 2017

СИСТЕМ				<p>3. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. The frequency-energy and spatial characteristics of the coaxial-slot array / 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650707, c. 148-150</p> <p>4. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V Energy characteristics of the slot system in the screen of coaxial line with controlled termination / 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136834</p> <p>5. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Electrodynamic characteristics of multielement coaxial-slot antenna / 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724194, c. 221-224</p> <p>6. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Coaxial-slot antenna array with different lengths of radiators / 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, 7739607</p> <p>7. Lyashchenko, V.A., Medvedev, N.V., Olefir, A.V. Electromagnetic near-field of circumferential slot cut in coaxial line shield / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972593, c. 96-99</p> <p>8. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V., Olefir, A.V. Electromagnetic near-field of arc slot, cut in coaxial line shield / 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 – Proceedings, 8100586, c. 157-161</p> <p>9. Lyashchenko, V., Yatsuk, L., Medvedev, N. Mathematical Model of Transverse Circumferential Slots in Coaxial Line Shield With Nonhomogeneous Dielectric Interior / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520068, c. 366-371</p>	<p>XXIIND international seminar/workshop on direct and inverse problems of electromagnetic and acoustic wave theory (DIPED) 2017 c. 157-161</p> <p>4. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. Electrodynamic Characteristics of Multielement Coaxial-Slot Antenna / 2016 8th international conference on ultrawideband and ultrashort impulse signals (UWBUSIS) 2016 c. 221-224</p> <p>5. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. Energy characteristics of the slot system in the screen of coaxial line with controlled termination / 2015 international conference on antenna theory and techniques (ICATT) 2015</p>
РАЗОМ		245			
Соціо-логічний	Кафедра соціології	Філіппова Ольга Аркадіївна	5	<p>1. Filippova O., Anti-orange discourses in Ukraine's internet: Before the orange split. <i>Journal of Communist Studies and Transition Politics</i> - 2007 – Vol.23(1) – pp.138-151</p> <p>2. Kazmina, O., Filippova, O. Re-imagination of religion in Post-Soviet Society: Challenges and responses (Russian and Ukrainian case studies). <i>Journal of the American Academy of Religion</i> – 2005 – Vol.73 – No4 – pp. 1049-1071</p> <p>3. Taras R., Filippova O., Pobeda N. Ukraine's Transnationals, Far-away Locals, and Xenophobes: The Prospect for Europeaness. <i>Europe-Asia Studies</i> – 2004 - Vol.56, No. 6 – pp. 835-856</p> <p>4. Owczarzak, J., Phillips S., <b>Filippova O.</b>, Alpatova P., Mazhnaya A., Zub T., Aleksanyan R. A “Common Factors” Approach to Developing Culturally Tailored HIV Prevention Interventions. <i>Health Education &amp; Behavior</i>, 2016 - Vol 43, Issue 3, 2015- pp. 347-357.</p> <p>5. Owczarzak, J., Phillips S., <b>Filippova O.</b>, Alpatova P., Mazhnaya A., Zub T., Aleksanyan R. A novel, bottom-up approach to promote evidence-based HIV prevention for people who inject drugs in Ukraine: protocol for the MICT</p>	

				(‘Bridge’) HIV prevention exchange project. <i>Implementation Science</i> - 2014, pp. 9:18.		
Соціологічний	Кафедра методів соціологічних досліджень	Кізілова Ксенія Олександрівна	8	<ol style="list-style-type: none"> <li>1. Haerpfer C., Kizilova K. Chapter 7. Support for Political System in Post-communist Europe and Post-Soviet Eurasia// <i>The Civic Culture Transformed</i> / Editorial Board: Russell J. Dalton, Christian Welzel - Cambridge University Press, 2014. – pp. 158-190;</li> <li>2. Kseniya Kizilova, Adrianna Murphy, Bayard Roberts, Catherine McGowan, Alexander Kizilov, Tim Rhodes &amp; Martin McKee. One for all: Workplace social context and drinking among railway workers in Ukraine. <i>Global Public Health</i>, 2014. <a href="http://dx.doi.org/10.1080/17441692.2014.979856">http://dx.doi.org/10.1080/17441692.2014.979856</a></li> <li>3. Kühlbrandt C, Balabanova D, Chikovani I., Petrosyan V., Kizilova K., Ivaniuto O., Danii O., Makarova N., McKee M. In search of patient-centred care in middle income countries: the experience of diabetes care in the former Soviet Union. <i>Health Policy</i>. 2014 Nov; 118(2):193-200. doi: 10.1016/j.healthpol.2014.08.009. Epub 2014 Aug 30.</li> <li>4. Andrew Stickley, Ai Koyanagi, Bayard Roberts, Kseniya Kizilova, Adrianna Murphy, Martin McKee. Male solitary drinking and hazardous alcohol use in nine countries of the former Soviet Union. <i>Drugs and alcohol dependence</i>, 2015; doi:10.1016/j.drugalcdep.2015.02.017</li> <li>5. Roberts, B., Gilmore, A., Stickley, A., Kizilova, K., Prohoda, V., Rotman, D., Haerpfer, C. &amp; McKee, M. (in press). 'Prevalence and Psychosocial Determinants of Nicotine Dependence in Nine Countries of the Former Soviet Union'. <i>Nicotine &amp; Tobacco Research</i>. Oxford University Press, Oxford, UK, 2012; <a href="http://ntr.oxfordjournals.org/">http://ntr.oxfordjournals.org/</a></li> <li>6. Roberts, B., Stickley, A., Murphy, A., Kizilova, K., Bryden, A., Rotman, D., Haerpfer, C. &amp; McKee, M. (2012). 'Patterns of Public Support for Price Increases on Alcohol in the Former Soviet Union'. <i>Alcohol and Alcoholism</i>, vol 47, no. 4, pp. 473-478; Oxford University Press, Oxford, UK, 2012; <a href="http://alcalc.oxfordjournals.org/">http://alcalc.oxfordjournals.org/</a></li> <li>7. Footman K, Roberts B, Stickley A, Kizilova K, Rotman D, McKee, M. 'Smoking cessation and desire to stop smoking in nine countries of the former Soviet Union'. <i>Nicotine &amp; Tobacco Research</i>. 2013 Sep;15(9):1628-33</li> <li>8. Roberts B, Stickley A, Gilmore A, Danishevski K, Kizilova K, Rotman D, Haerpfer C, McKee M. Knowledge of the health impacts of smoking and public attitudes towards tobacco control in the former Soviet Union. In Press. <i>Tobacco Control journal</i>. BMJ; London, UK. <a href="http://tobaccocontrol.bmj.com">http://tobaccocontrol.bmj.com</a></li> </ol>		
Факультет Радіофізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Маслов В'ячеслав Олександрович	21	<ol style="list-style-type: none"> <li>1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // <i>Telecommunications and Radio Engineering</i>, 2018, 77(20), c. 1845-1854</li> <li>2. Simplified Modeling of Gradient Fragmented Metal Gratings of the Terahertz Range // <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, 2018, July, 8460438, c. 258-261</li> <li>3. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, 2018, July, 8460368, c. 226-229</li> <li>4. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // <i>Telecommunications and Radio Engineering</i>, 2017,76(17), c. 1567-1579</li> </ol>	13	<ol style="list-style-type: none"> <li>1. Simplified Modeling of Gradient Fragmented Metal Gratings of the Terahertz Range // <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, 2018, July, 8460438, c. 258-261</li> <li>2. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // <i>International Conference on Mathematical Methods in Electromagnetic Theory, MMET</i>, 2018, July, 8460368, c. 226-229</li> <li>3. Plane circular gradient grating that combines the functions of a spherical mirror and a focusing lens // <i>MRRS - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings</i>, 8075047, c. 139-142</li> <li>4. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // <i>2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings</i>, 8100326, c. 671-674</li> </ol>

			<p>5. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>6. Plane circular gradient grating that combines the functions of a spherical mirror and a focusing lens // MRRS - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075047, c. 139-142</p> <p>7. Terahertz waveguide laser with smooth adjustment of feedback // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851387, c. 91-92</p> <p>8. Mode selective properties of concentric metal rings on a dielectric substrate in a circular waveguide // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016,7851447, c. 254-256</p> <p>9. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016,7851440, c. 235-236</p> <p>10. Applying of the flat circular metal gratings as spherical output mirrors of terahertz lasers // 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538117</p> <p>11. Laser resonator with infinitely adjustable of light output // Conference Proceedings - 2016 IEEE 13th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2016, 7851227, c. 51-52</p> <p>12. Terahertz laser waveguide resonators with internal spherical mirrors // Telecommunications and Radio Engineering, 2016,75(18), c. 1665-1677</p> <p>13. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640</p> <p>14. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014,73(20), c. 1819-1830</p> <p>15. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014,73(14), c. 1229-1239</p> <p>16. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</p> <p>17. Radiation characteristics of the metal waveguide resonator with a inclined mirror // Telecommunications and Radio Engineering, 2013,72(14), c. 1349-1359</p> <p>18. Waveguide CO<sub>2</sub> laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</p> <p>19. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>20. Formation of a quasi-uniform output beam in the waveguide CO<sub>2</sub> laser // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657564, c. 160-163</p> <p>21. Formation of transverse modes with spatially-inhomogeneous</p>	<p>5. Laser resonator with infinitely adjustable of light output // Conference Proceedings - 2016 IEEE 13th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2016, 7851227, c. 51-52</p> <p>6. Terahertz waveguide laser with smooth adjustment of feedback // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851387, c. 91-92</p> <p>7. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016,7851440, c. 235-236</p> <p>8. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>9. Applying of the flat circular metal gratings as spherical output mirrors of terahertz lasers // 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538117</p> <p>10. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</p> <p>11. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>12. Waveguide CO<sub>2</sub> laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</p> <p>13. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012,6331253, c. 312-315</p>
--	--	--	---	--



				polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012,6331253, с. 312-315		
Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Немченко Костянтин Едуардович	15	<ol style="list-style-type: none"> <li>1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Fizika Nizkikh Temperatur</li> <li>2. Comparative Analysis of Tomosynthesis-Based Mammography and Conventional Mammography Morgun, O.N., Nemchenko, K.E. 2018 Biomedical Engineering</li> <li>3. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Low Temperature Physics</li> <li>4. Heat Transfer in <math>^3\text{He}</math> – <math>^4\text{He}</math> Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 Journal of Low Temperature Physics</li> <li>5. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> solutions Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y. 2016 Low Temperature Physics</li> <li>6. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur</li> <li>7. Spatial Resolution in Scanning Direction in Detectors Based on Signal Accumulation with Time Delay Kononchuk, R.D., Morgun, O.N., Nemchenko, K.E. 2015 Biomedical Engineering</li> <li>8. Quantitative ratio of heat flows due to second sound to dissipation in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> mixtures Nemchenko, K., Rogova, S. 2014 Journal of Low Temperature Physics</li> <li>9. Diffusion and thermal diffusion influence on temperature relaxation in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> mixtures Nemchenko, K., Rogova, S. 2013 Journal of Low Temperature Physics</li> <li>10. Resonances in systems with two different types of heat transfer Nemchenko, K., Rogova, S. 2012 Modern Physics Letters B</li> <li>11. Echo effects on relativistic Landau levels in graphene and bigraphene as a manifestation of the quantum memory Belonenko, M.B., Zhukov, A.V., Nemchenko, K.É., Prabhakar, S., Melnik, R. 2012 Modern Physics Letters B</li> <li>12. Unusual resonances in superfluid <math>^4\text{He}</math> - metal double-layer system Nemchenko, K.E., Rogova, S.Y. 2012 Problems of Atomic Science and Technology</li> <li>13. Phonons, rotons and ripplons at interfaces Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E., Wyatt, A.F.G. 2012 Problems of Atomic Science and Technology</li> <li>14. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Low Temperature Physics</li> <li>15. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Fizika Nizkikh Temperatur</li> </ol>	11	<ol style="list-style-type: none"> <li>1. Dedicated to E.Ya. Rudavskii and IN Adamenko on the occasion of their eightieth birthdays By: Nemchenko, K. E.; Sokolov, S. S. LOW TEMPERATURE PHYSICS Volume: 44 Issue: 10 Pages: 983-984 Published: OCT 2018</li> <li>2. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid He-3-He-4 solution By: Vikhtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu. LOW TEMPERATURE PHYSICS Volume: 44 Issue: 10 Pages: 1066-1069 Published: OCT 2018</li> <li>3. Heat Transfer in - Mixtures in Cylindrical Geometry By: Nemchenko, K.; Rogova, S.; Vikhtinskaya, T. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 187 Issue: 3-4 Pages: 324-330 Published: MAY 2017</li> <li>4. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid He-3-He-4 solutions By: Vihtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu. LOW TEMPERATURE PHYSICS Volume: 42 Issue: 8 Pages: 717-720 Published: AUG 2016</li> <li>5. Quantitative Ratio of Heat Flows Due to Second Sound to Dissipation in Superfluid He-3-He-4 Mixtures By: Nemchenko, K.; Rogova, S. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 175 Issue: 1-2 Pages: 85-90 Published: APR 2014</li> <li>6. Diffusion and Thermal Diffusion Influence on Temperature Relaxation in Superfluid He-3-He-4 Mixtures By: Nemchenko, K.; Rogova, S. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 171 Issue: 3-4 Pages: 187-193 Published: MAY 2013</li> <li>7. RESONANCES IN SYSTEMS WITH TWO DIFFERENT TYPES OF HEAT TRANSFER By: Nemchenko, K.; Rogova, S. MODERN PHYSICS LETTERS B Volume: 26 Issue: 23 Article Number: 1230015 Published: SEP 10 2012</li> <li>8. ECHO EFFECTS ON RELATIVISTIC LANDAU LEVELS IN GRAPHENE AND BIGRAPHENE AS A MANIFESTATION OF THE QUANTUM MEMORY By: Belonenko, Mikhail B.; Zhukov, Alexander V.; Nemchenko, Konstantin E.; et al. MODERN PHYSICS LETTERS B Volume: 26 Issue: 15 Article Number: 1250094 Published: JUN 20 2012</li> <li>9. PHONONS, ROTONS AND RIPPLONS AT INTERFACES By: Tanatarov, I. V.; Adamenko, I. N.; Nemchenko, K. E.; et al. Conference: 3rd International Conference on Quantum Electrodynamics and Statistical Physics (QEDSP) Location: Kharkov Inst Phys &amp; Technol, Natl Sci Ctr, Kharkov, UKRAINE Date: AUG 29-SEP 02, 2011 PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 260-264 Published: 2012</li> <li>10. UNUSUAL RESONANCES IN SUPERFLUID He-4 - METAL DOUBLE-LAYER SYSTEM By: Nemchenko, K. E.; Rogova, S. Yu. Conference: 3rd International Conference on Quantum Electrodynamics and Statistical Physics (QEDSP) Location: Kharkov Inst Phys &amp; Technol, Natl Sci Ctr, Kharkov, UKRAINE Date: AUG 29-SEP 02, 2011 PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 308-310 Published: 2012</li> </ol>

						11. Standing second sound wave in many-layer systems By: Nemchenko, K.; Rogova, S. <i>LOW TEMPERATURE PHYSICS</i> Volume: 38 Issue: 1 Pages: 1-5 Published: JAN 2012
Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Сухов Руслан Володимирович	8	<ol style="list-style-type: none"> <li>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems Dukarov, S.V., Petrushenko, S.I., Sukhov, V.N., Sukhov, R.V. 2018 <i>Functional Materials</i></li> <li>2. Partial melting and mechanisms of formation and development of fibrous structures during superplastic deformation alloy 6111 Poyda, A.V., Pojda, V.P., Bryukhovetsky, V.V., Milaya, D.E., Sukhov, R.V. 2016 <i>Problems of Atomic Science and Technology</i></li> <li>3. The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system Kryshstal, A.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, A.A. 2014 <i>Applied Physics A: Materials Science and Processing</i></li> <li>4. Size dependence of the activation energy of diffusion in multilayer Cu-Ni films Minenkov, A.A., Bogatyrenko, S.I., Sukhov, R.V., Kryshstal, A.P. 2014 <i>Physics of the Solid State</i></li> <li>5. The influence of magnesium on phase transformations and structural changes performed during superplastic deformation of the alloy 01420T Pojda, V.P., Mila, D.E., Poyda, A.V., Bryukhovetsky, V.V., Sukhov, R.V. 2014 <i>Problems of Atomic Science and Technology</i></li> <li>6. In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system Kryshstal, O.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, O.O., Taliashvili, A.I. 2014 <i>Metallofizika i Noveishie Tekhnologii</i></li> <li>7. Partial melting and high-temperature structural superplasticity of alloy AMg2M Pedun, D.E., Pojda, V.P., Bryukhovetsky, V.V., Poyda, A.V., Sukhov, R.V. 2013 <i>Problems of Atomic Science and Technology</i></li> <li>8. Critical thickness of contact melting in the Au/Ge layered film system Kryshstal, A.P., Sukhov, R.V., Minenkov, A.A. 2012 <i>Journal of Alloys and Compounds</i></li> </ol>	8	<ol style="list-style-type: none"> <li>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems By: Dukarov, S., V; Petrushenko, S., I; Sukhov, V. N.; et al. <i>FUNCTIONAL MATERIALS</i> Volume: 25 Issue: 3 Pages: 601-607 Published: 2018</li> <li>2. PARTIAL MELTING AND MECHANISMS OF FORMATION AND DEVELOPMENT OF FIBROUS STRUCTURES DURING SUPERPLASTIC DEFORMATION ALLOY 6111 By: Poyda, A. V.; Poyda, V. P.; Bryukhovetsky, V. V.; et al. <i>PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY</i> Issue: 2 Pages: 107-112 Published: 2016</li> <li>3. The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system By: Kryshstal, A. P.; Bogatyrenko, S. I.; Sukhov, R. V.; et al. <i>APPLIED PHYSICS A-MATERIALS SCIENCE &amp; PROCESSING</i> Volume: 116 Issue: 4 Pages: 1891-1896 Published: SEP 2014</li> <li>4. Size dependence of the activation energy of diffusion in multilayer Cu-Ni films By: Minenkov, A. A.; Bogatyrenko, S. I.; Sukhov, R. V.; et al. <i>PHYSICS OF THE SOLID STATE</i> Volume: 56 Issue: 4 Pages: 823-826 Published: APR 2014</li> <li>5. INFLUENCE OF MAGNESIUM ON PHASE TRANSFORMATIONS AND STRUCTURAL CHANGES CARRIED OUT DURING SUPERPLASTIC DEFORMATION OF THE ALLOY 01420T By: Poyda, V. P.; Milaya, D. E.; Poyda, A. V.; et al. <i>PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY</i> Issue: 4 Pages: 139-146 Published: 2014</li> <li>6. Structural changes during superplastic deformation of high-strength alloy 1933 of the Al-Mg-Zn-Cu-Zr system By: Poida, V. P.; Pedun, D. E.; Bryukhovetskii, V. V.; et al. <i>PHYSICS OF METALS AND METALLOGRAPHY</i> Volume: 114 Issue: 9 Pages: 779-788 Published: SEP 2013</li> <li>7. PARTIAL MELTING AND HIGH-TEMPERATURE STRUCTURAL SUPERPLASTICITY OF ALLOY AMg2M By: Pedun, D. E.; Poyda, V. P.; Bryukhovetsky, V. V.; et al. <i>PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY</i> Issue: 5 Pages: 147-153 Published: 2013</li> <li>8. Critical thickness of contact melting in the Au/Ge layered film system By: Kryshstal, A. P.; Sukhov, R. V.; Minenkov, A. A. <i>JOURNAL OF ALLOYS AND COMPOUNDS</i> Volume: 512 Issue: 1 Pages: 311-315 Published: JAN 25 2012</li> </ol>
Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Рогова Світлана Юрївна	11	<ol style="list-style-type: none"> <li>1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 <i>Fizika Nizkikh Temperatur</i></li> <li>2. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 <i>Low Temperature Physics</i></li> <li>3. Heat Transfer in <math>^3\text{He}</math> - <math>^4\text{He}</math> Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 <i>Journal of Low Temperature Physics</i></li> <li>4. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid <math>^3\text{He}</math>-<math>^4\text{He}</math> solutions Vihinskaya, T.G., Nemchenko,</li> </ol>	8	<ol style="list-style-type: none"> <li>1. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid He-3-He-4 solution By: Vikhtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu <i>LOW TEMPERATURE PHYSICS</i> Volume: 44 Issue: 10 Pages: 1066-1069 Published: OCT 2018</li> <li>2. Heat Transfer in - Mixtures in Cylindrical Geometry By: Nemchenko, K.; Rogova, S.; Vikhtinskaya, T. <i>JOURNAL OF LOW TEMPERATURE PHYSICS</i> Volume: 187 Issue: 3-4 Pages: 324-330 Published: MAY 2017</li> <li>3. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid He-3-He-4 solutions By: Vihinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu. <i>LOW TEMPERATURE PHYSICS</i> Volume:</li> </ol>

				<p>K.E., Rogova, S.Y. 2016 Low Temperature Physics</p> <p>5. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid <math>^3\text{He}-^4\text{He}</math> mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur</p> <p>6. Quantitative ratio of heat flows due to second sound to dissipation in superfluid <math>^3\text{He}-^4\text{He}</math> mixtures Nemchenko, K., Rogova, S. 2014 Journal of Low Temperature Physics</p> <p>7. Diffusion and thermal diffusion influence on temperature relaxation in superfluid <math>^3\text{He}-^4\text{He}</math> mixtures Nemchenko, K., Rogova, S. 2013 Journal of Low Temperature Physics</p> <p>8. Resonances in systems with two different types of heat transfer Nemchenko, K., Rogova, S. 2012 Modern Physics Letters B</p> <p>9. Unusual resonances in superfluid <math>^4\text{He}</math> - metal double-layer system Nemchenko, K.E., Rogova, S.Y. 2012 Problems of Atomic Science and Technology</p> <p>10. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Low Temperature Physics</p> <p>11. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Fizika Nizkikh Temperatur</p>		<p>42 Issue: 8 Pages: 717-720 Published: AUG 2016</p> <p>4. Quantitative Ratio of Heat Flows Due to Second Sound to Dissipation in Superfluid He-3-He-4 Mixtures By: Nemchenko, K.; Rogova, S. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 175 Issue: 1-2 Pages: 85-90 Published: APR 2014</p> <p>5. Diffusion and Thermal Diffusion Influence on Temperature Relaxation in Superfluid He-3-He-4 Mixtures By: Nemchenko, K.; Rogova, S. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 171 Issue: 3-4 Pages: 187-193 Published: MAY 2013</p> <p>6. RESONANCES IN SYSTEMS WITH TWO DIFFERENT TYPES OF HEAT TRANSFER By: Nemchenko, K.; Rogova, S. MODERN PHYSICS LETTERS B Volume: 26 Issue: 23 Article Number: 1230015 Published: SEP 10 2012</p> <p>7. UNUSUAL RESONANCES IN SUPERFLUID He-4 - METAL DOUBLE-LAYER SYSTEM By: Nemchenko, K. E.; Rogova, S. Yu. Conference: 3rd International Conference on Quantum Electrodynamics and Statistical Physics (QEDSP) Location: Kharkov Inst Phys &amp; Technol, Natl Sci Ctr, Kharkov, UKRAINE Date: AUG 29-SEP 02, 2011 PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 308-310 Published: 2012</p> <p>8. Standing second sound wave in many-layer systems By: Nemchenko, K.; Rogova, S. LOW TEMPERATURE PHYSICS Volume: 38 Issue: 1 Pages: 1-5 Published: JAN 2012</p>
Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Віхтінська Тетяна Геннадіївна	5	<p>1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid <math>^3\text{He}-^4\text{He}</math> solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Fizika Nizkikh Temperatur</p> <p>2. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid <math>^3\text{He}-^4\text{He}</math> solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Low Temperature Physics</p> <p>3. Heat Transfer in <math>^3\text{He}-^4\text{He}</math> Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 Journal of Low Temperature Physics</p> <p>4. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid <math>^3\text{He}-^4\text{He}</math> solutions Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y. 2016 Low Temperature Physics</p> <p>5. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid <math>^3\text{He}-^4\text{He}</math> mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur</p>	3	<p>1. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid He-3-He-4 solution By: Vikhtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu LOW TEMPERATURE PHYSICS Volume: 44 Issue: 10 Pages: 1066-1069 Published: OCT 2018</p> <p>2. Heat Transfer in - Mixtures in Cylindrical Geometry By: Nemchenko, K.; Rogova, S.; Vikhtinskaya, T. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 187 Issue: 3-4 Pages: 324-330 Published: MAY 2017</p> <p>3. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid He-3-He-4 solutions By: Vihtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu. LOW TEMPERATURE PHYSICS Volume: 42 Issue: 8 Pages: 717-720 Published: AUG 2016</p>
Фізико-енергетичний	Фізики нетрадиційних енерготехнологій та екології	Марущенко Ігор Миколайович	6	<p>1. Relativistic neoclassical transport coefficients with momentum correction Marushchenko, I., Azarenkov, N.A. 2017 Problems of Atomic Science and Technology</p> <p>2. Relativistic effects in electron neoclassical transport Marushchenko, I., Azarenkov, N.A. 2015 Problems of Atomic Science and Technology</p> <p>3. Relativistic mono-energetic transport coefficients in hot plasmas Marushchenko, I.N., Azarenkov, N.A. 2013 Problems of Atomic Science and Technology</p> <p>4. Relativistic neoclassical radial fluxes in the <math>1/\nu</math> regime Marushchenko, I.,</p>	6	<p>1. RELATIVISTIC NEOCLASSICAL TRANSPORT COEFFICIENTS WITH MOMENTUM CORRECTION By: Marushchenko, I.; Azarenkov, N. A. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 92-95 Published: 2017</p> <p>2. RELATIVISTIC EFFECTS IN ELECTRON NEOCLASSICAL TRANSPORT By: Marushchenko, I.; Azarenkov, N. A. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 37-40 Published: 2015</p> <p>3. Relativistic neoclassical radial fluxes in the <math>1/\nu</math> regime By:</p>

				<p>Azarenkov, N.A., Marushchenko, N.B. 2013 Plasma Physics and Controlled Fusion</p> <p>5. Marushchenko, I.N., Azarenkov, N.A., Marushchenko, N.B. Relativistic neoclassical fluxes in hot plasmas 2013 Problems of Atomic Science and Technology</p> <p>6. Marushchenko, I., Azarenkov, N.A., Marushchenko, N.B. On stability of collisional coupling between relativistic electrons and ions in hot plasmas 2012 Physics of Plasmas</p>		<p>Marushchenko, I.; Azarenkov, N. A.; Marushchenko, N. B. PLASMA PHYSICS AND CONTROLLED FUSION Volume: 55 Issue: 8 Article Number: 085005 Published: AUG 2013</p> <p>4. RELATIVISTIC MONO ENERGETIC TRANSPORT COEFFICIENTS IN HOT PLASMAS By: Marushchenko, I. N.; Azarenkov, N. A. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 4 Pages: 112-114 Published: 2013</p> <p>5. RELATIVISTIC NEOCLASSICAL FLUXES IN HOT PLASMAS By: Marushchenko, I. N.; Azarenkov, N. A.; Marushchenko, N. B. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 67-69 Published: 2013</p> <p>6. On stability of collisional coupling between relativistic electrons and ions in hot plasmas By: Marushchenko, I.; Azarenkov, N. A.; Marushchenko, N. B. PHYSICS OF PLASMAS Volume: 19 Issue: 11 Article Number: 112109 Published: NOV 2012</p>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Азаренков Микола Олексійович	74	<ol style="list-style-type: none"> <li>1. Self-Sustained Plasma-Beam Discharge at High Energy Density, <b>2018</b>, IEEE Transactions on Plasma Science,46,10,8356202,3541.</li> <li>2. Effect of electron irradiation on the scattering of carriers in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals, <b>2018</b>, Low Temperature Physics,44,8,860.</li> <li>3. Effect of electron irradiation on the scattering of carriers in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals, <b>2018</b>, Fizika Nizkikh Temperatur,44,8,1100.</li> <li>4. The efficiency of the pulsed power input in the limited plasma diode, <b>2018</b>, IEEE International Pulsed Power Conference,2017-June,8291229.</li> <li>5. Anomalous diffusion of plasma in the lower hybrid cavities observed in the terrestrial ionosphere, <b>2018</b>, Problems of Atomic Science and Technology,118,6,117.</li> <li>6. Cyclotron resonance conditions in current-carrying plasmas, <b>2018</b>, Problems of Atomic Science and Technology,118,6,94.</li> <li>7. Electromagnetic model of gas discharge in long tube of slightly varying radius, <b>2018</b>, Problems of Atomic Science and Technology,118,6,113.</li> <li>8. The application of metal hydride based on ZR-V alloy in hydrogen plasma, <b>2018</b>, "Hydrides: Types, Bonds and Applications",149</li> <li>9. Modelling of the electromagnetic surface waves propagation on the interface between the left-handed metamaterial and the dissipative dielectric, <b>2018</b>,Problems of Atomic Science and Technology,118,6,109.</li> <li>10. Electron energy probability function and dust charge in the temporal afterglow of a plasma with large dust density, <b>2018</b>, Problems of Atomic Science and Technology,118,6,202.</li> <li>11. Efficiency of the dose rate calculation by monte-carlo method and point kernel method when handling radioactive waste, <b>2018</b>, Problems of Atomic Science and Technology,114,2,63</li> <li>12. "The influence of boron on the kinetics of phase formation, the dislocation structure, and the diffusion parameters of nickel", <b>2018</b>, Problems of Atomic Science and Technology,113,1,18.</li> <li>13. Electron energy probability function in the temporal afterglow of a dusty plasma, 2018, Physics of Plasmas,25,1,13703.</li> <li>14. Effect of electron irradiation on excess conductivity of single Y1Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> crystals, <b>2018</b>, Functional Materials,25,2,234.</li> </ol>	76	<ol style="list-style-type: none"> <li>1. A Cm-Scale Self-Powered Intelligent And Secure Iot Edge Mote Featuring An Ultra-Low-Power Soc In 14nm Tri-Gate Cmos,2018 Ieee International Solid-State Circuits Conference - (Isscc), <b>2018</b>,46,</li> <li>2. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, <b>2018</b>,4,156,159,</li> <li>3. Electron Energy Probability Function In The Temporal Afterglow Of A Dusty Plasma,Physics Of Plasmas, <b>2018</b>,25,1,13703</li> <li>4. Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieee Transactions On Plasma Science, <b>2018</b>,46,10,3541,3546,</li> <li>5. Effect Of Electron Irradiation On The Scattering Of Carriers In Yba2cu3o7-Delta Single Crystals,Low Temperature Physics, <b>2018</b>,44,8,860,862,</li> <li>6. Cyclotron Resonance Conditions In Current-Carrying Plasmas,Problems Of Atomic Science And Technology, <b>2018</b>,6,94,97,</li> <li>7. Modelling Of The Electromagnetic Surface Waves Propagation On The Interface Between The Left-Handed Metamaterial And The Dissipative Dielectric,Problems Of Atomic Science And Technology, <b>2018</b>,6,109,112,</li> <li>8. Electromagnetic Model Of Gas Discharge In Long Tube Of Slightly Varying Radius,Problems Of Atomic Science And Technology, <b>2018</b>,6,113,116,</li> <li>9. Anomalous Diffusion Of Plasma In The Lower Hybrid Cavities Observed In The Terrestrial Ionosphere,Problems Of Atomic Science And Technology, <b>2018</b>,6,117,120,</li> <li>10. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, <b>2018</b>,6,198,201,</li> <li>11. Electron Energy Probability Function And Dust Charge In The Temporal Afterglow Of A Plasma With Large Dust Density,Problems Of Atomic Science And Technology, <b>2018</b>,6,202,205,</li> <li>12. "The Influence Of Boron On The Kinetics Of Phase Formation, The Dislocation Structure, And The Diffusion Parameters Of Nickel",Problems Of Atomic Science And Technology, <b>2018</b>,1,18,23,</li> </ol>

			<ol style="list-style-type: none"> <li>15. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, <b>2018</b>, Problems of Atomic Science and Technology,118,6,198.</li> <li>16. Electrodes dimensions effect on the self-sustained plasma-beam discharge power, <b>2018</b>, Problems of Atomic Science and Technology,116,4,156.</li> <li>17. Effect of electron irradiation on the pseudogap temperature dependence of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals, <b>2017</b>, Journal of Materials Science: Materials in Electronics,28,21,15886.</li> <li>18. Effect of metal-hydride hydrogen activation on longitudinal yield of negative ions from PIG, <b>2017</b>, International Journal of Hydrogen Energy,42,34,21866.</li> <li>19. Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field, <b>2017</b>, Contributions to Plasma Physics,57,5,196.</li> <li>20. Relativistic neoclassical transport coefficients with momentum correction, <b>2017</b>, Problems of Atomic Science and Technology,107,1,92.</li> <li>21. Plasma expansion into gas, <b>2017</b>, Problems of Atomic Science and Technology,107,1,254.</li> <li>22. Electromagnetic wave propagation through magnetoactive plasma layers, <b>2017</b>, Problems of Atomic Science and Technology,107,1,84.</li> <li>23. Heuristic solution of Langmuir problem in arbitrary domain, <b>2017</b>, Ukrainian Journal of Physics,62,1,33</li> <li>24. Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain, <b>2017</b>, Problems of Atomic Science and Technology,107,1,96.</li> <li>25. The capacitive component of double layer current in plasma, <b>2017</b>, Problems of Atomic Science and Technology,107,1,219.</li> <li>26. Instability of field-Aligned electron-cyclotron waves in a magnetic mirror plasma with anisotropic temperature, <b>2016</b>, Journal of Plasma Physics,82,4,905820402.</li> <li>27. "Electron energy distribution function, effective electron temperature, and dust charge in the temporal afterglow of a plasma", <b>2016</b>, Physics of Plasmas,23,5,53704.</li> <li>28. Irradiation Dose Minimization by Optimizing the Arrangement of Radiation Sources of Different Intensity, <b>2016</b>, Atomic Energy,119,4,285.</li> <li>29. Cyclotron wave absorption in D-shaped tokamaks, <b>2016</b>, Problems of Atomic Science and Technology,106,6,52.</li> <li>30. The features of the growth and segregation processes of intermetallic phases inclusions in zirconium alloys, <b>2016</b>, Problems of Atomic Science and Technology,104,4,42.</li> <li>31. Monocrystalline structure formation of doped perfect silicon crystals, <b>2016</b>, Problems of Atomic Science and Technology,101,1,23.</li> <li>32. Effect of dust particles on electron energy distribution in glow and afterglow plasmas, <b>2016</b>, Problems of Atomic Science and Technology,106,6,179.</li> <li>33. Features of active power definition in high-current pulsed discharge, <b>2016</b>, Problems of Atomic Science and Technology,106,6,48.</li> <li>34. Sequential implantations of deuterium and helium ions into tungsten-coated composite structures, <b>2016</b>, Problems of Atomic Science and Technology,106,6,73.</li> </ol>	<ol style="list-style-type: none"> <li>13. Effect Of Electron Irradiation On Excess Conductivity Of Single Y1ba2cu3o7-Delta Crystals,Functional Materials, <b>2018</b>,25,2,234,240,</li> <li>14. Mykola Fedorovych Shul'ga(70the Anniversary Of Birth),East European Journal Of Physics, <b>2018</b>,5,1,102,103,</li> <li>15. Efficiency Of The Dose Rate Calculation By Monte-Carlo Method And Point Kernel Method When Handling Radioactive Waste,Problems Of Atomic Science And Technology, <b>2018</b>,2,63,69,</li> <li>16. Effect Of Electron Irradiation On The Pseudogap Temperature Dependence Of Ybaco Single Crystals,Journal Of Materials Science-Materials In Electronics, <b>2017</b>,28,21,15886,15890,</li> <li>17. Effect Of Metal-Hydride Hydrogen Activation On Longitudinal Yield Of Negative Ions From Pig,International Journal Of Hydrogen Energy, <b>2017</b>,42,34,21866,21870,</li> <li>18. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation,Journal Of Luminescence, <b>2017</b>,188,319,322,</li> <li>19. Relativistic Neoclassical Transport Coefficients With Momentum Correction,Problems Of Atomic Science And Technology, <b>2017</b>,1,92,95,</li> <li>20. Surface Electromagnetic Waves On Boundary Between Lossy Dielectric And Left-Handed Material With Gain,Problems Of Atomic Science And Technology, <b>2017</b>,1,96,99,</li> <li>21. Eigen Electromagnetic Waves Of A Coaxial Waveguiding Structure Filled By A Non-Uniform Dissipative Plasma With Azimuthal Magnetic Field,Contributions To Plasma Physics, <b>2017</b>,57,5,196,208,</li> <li>22. The Efficiency Of The Pulsed Power Input In The Limited Plasma Diode,2017 Ieee 21st International Conference On Pulsed Power (Ppc), <b>2017</b>,</li> <li>23. Tendencies Of Marketing Development On Market Of Education Services In Field Of Culture And Arts,Proceedings Of The International Conference On Trends Of Technologies And Innovations In Economic And Social Studies 2017, <b>2017</b>,38,26,33,</li> <li>24. Electromagnetic Wave Propagation Through Magnetoactive Plasma Layers,Problems Of Atomic Science And Technology, <b>2017</b>,1,84,87,</li> <li>25. Contribution Of Radionuclides To Heat Release In The Process Of Snf Dry Storage,Problems Of Atomic Science And Technology, <b>2017</b>,2,91,96,</li> <li>26. The Capacitive Component Of Double Layer Current In Plasma,Problems Of Atomic Science And Technology, <b>2017</b>,1,219,222,</li> <li>27. Plasma Expansion Into Gas,Problems Of Atomic Science And Technology, <b>2017</b>,1,254,256,</li> <li>28. Heuristic Solution Of Langmuir Problem In Arbitrary Domain,Ukrainian Journal Of Physics, <b>2017</b>,62,1,33,38,</li> <li>29. "Electron Energy Distribution Function, Effective Electron Temperature, And Dust Charge In The Temporal Afterglow Of A Plasma",Physics Of Plasmas, <b>2016</b>,23,5,53704</li> <li>30. Features Of Active Power Definition In High-Current Pulsed Discharge,Problems Of Atomic Science And Technology, <b>2016</b>,6,48,51,</li> <li>31. Effect Of Dust Particles On Electron Energydistribution In Glow And Afterglow Plasmas,Problems Of Atomic Science And Technology, <b>2016</b>,6,179,182,</li> <li>32. Irradiation Dose Minimization By Optimizing The Arrangement Of</li> </ol>
--	--	--	--	--

			<p>35. Photo- and radioluminescence of poleskiy amber,<b>2016</b>,Functional Materials,23,4,582</p> <p>36. Slow and fast surface electromagnetic waves in planar structures contained left-handed material, <b>2015</b>, Problems of Atomic Science and Technology,98,4,306.</p> <p>37. Electron energy distribution in a dusty plasma: Analytical approach, <b>2015</b>, "Physical Review E - Statistical, Nonlinear, and Soft Matter Physics",92,3,33102.</p> <p>38. Effect of secondary emission on the argon plasma afterglow with large dust density, <b>2015</b>, Physics of Plasmas,22,2,23702.</p> <p>39. Ignition and break-down of the gas discharge in magnetic field, <b>2015</b>, Problems of Atomic Science and Technology,98,4,224.</p> <p>40. Relativistic effects in electron neoclassical transport, <b>2015</b>, Problems of Atomic Science and Technology,95,1,37.</p> <p>41. Eigen dipolar electromagnetic waves of coaxial non-uniform plasma-metall waveguide with external azimuth magnetic field,<b>2015</b>,Problems of Atomic Science and Technology,95,1,77</p> <p>42. Growth of forest of single-walled carbon nanotubes at inhomogenous fluxes from plasma, <b>2015</b>, Problems of Atomic Science and Technology,95,1,184.</p> <p>43. Anisotropy of radiation from dense plasma of multiply ionized atoms, <b>2015</b>, Problems of Atomic Science and Technology,98,4,32.</p> <p>44. Dynamics of euv-radiation from the partially contracted plasma diode, <b>2015</b>, Problems of Atomic Science and Technology,95,1,190.</p> <p>45. Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation, <b>2015</b>, Problems of Atomic Science and Technology,95,1,174.</p> <p>46. Condensation of silicide films from pure components, <b>2014</b>, Problems of Atomic Science and Technology,89,1,180.</p> <p>47. Field-aligned electron-cyclotron waves in a straight mirror-trapped plasma with anisotropic temperature, <b>2014</b>, Problems of Atomic Science and Technology,94,6,58.</p> <p>48. The features of nanolayers surface structure of yttrium iron garnet films, <b>2014</b>, Problems of Atomic Science and Technology,92,4,66.</p> <p>49. Surface electromagnetic waves in left-handed material slab embedded in plasmalike media, <b>2014</b>, Problems of Atomic Science and Technology,94,6,112.</p> <p>50. Effect of secondary emission on the afterglow of argon with negatively charged dust particles, <b>2014</b>, Problems of Atomic Science and Technology,94,6,157.</p> <p>51. The investigation of zirconium alloys characteristics during the oxidation in the gaseous medium, <b>2014</b>, Problems of Atomic Science and Technology,90,2,97.</p> <p>52. "Long, vertically aligned single-walled carbon nanotubes from plasmas: Morpho-kinetic and alignment controls", <b>2014</b>, Plasma Processes and Polymers,11,8,798.</p> <p>53. Ion-photon emission under ion bombardment of garnet structures of different composition, <b>2014</b>, Vacuum,105,91.</p> <p>54. Features of electron beam evaporation under surface electron beam</p>		<p>Radiation Sources Of Different Intensity,Atomic Energy, <b>2016</b>,119,4,285,290,</p> <p>33. Cyclotron Wave Absorption In D-Shaped Tokamaks,Problems Of Atomic Science And Technology, <b>2016</b>,6,52,55,</p> <p>34. Sequential Implantations Of Deuterium And Helium Ions Into Tungsten-Coated Composite Structures,Problems Of Atomic Science And Technology, <b>2016</b>,6,73,76,</p> <p>35. Photo- And Radioluminescence Of Poleskiy,Functional Materials, <b>2016</b>,23,4,582,586,</p> <p>36. Nanocoatings: Technology Of Fabrication Of Nanostructure (Nanocomposite) Coatings With High Physical And Mechanical Properties Using C-Pvd,Crc Concise Encyclopedia Of Nanotechnology, <b>2016</b>,624,652,</p> <p>37. Instability Of Field-Aligned Electron-Cyclotron Waves In A Magnetic Mirror Plasma With Anisotropic Temperature,Journal Of Plasma Physics, <b>2016</b>,82,905820402</p> <p>38. Monocrystalline Structure Formation Of Doped Perfect Silicon Crystals,Problems Of Atomic Science And Technology, <b>2016</b>,1,23,29,</p> <p>39. The Features Of The Growth And Segregation Processes Of Intermetallic Phases Inclusions In Zirconium Alloys,Problems Of Atomic Science And Technology, <b>2016</b>,4,42,48,</p> <p>40. Electron Energy Distribution In A Dusty Plasma: Analytical Approach,Physical Review E, <b>2015</b>,92,3,33102</p> <p>41. Effect Of Secondary Emission On The Argon Plasma Afterglow With Large Dust Density,Physics Of Plasmas, <b>2015</b>,22,2,23702</p> <p>42. Relativistic Effects In Electron Neoclassical Transport,Problems Of Atomic Science And Technology, <b>2015</b>,1,37,40,</p> <p>43. Optimization Of The Collecting Mirror Location In The Plasma Source Of Extreme Ultraviolet Radiation,Problems Of Atomic Science And Technology, <b>2015</b>,1,174,176,</p> <p>44. Growth Of Forest Of Single-Walled Carbon Nanotubes At Inhomogenous Fluxes From Plasma,Problems Of Atomic Science And Technology, <b>2015</b>,1,184,186,</p> <p>45. Anisotropy Of Radiation From Dense Plasma Of Multiply Ionized Atoms,Problems Of Atomic Science And Technology, <b>2015</b>,4,32,35,</p> <p>46. Eigen Dipolar Electromagnetic Waves Of Coaxial Non-Uniform Plasma-Metall Waveguide With External Azimuth Magnetic Field,Problems Of Atomic Science And Technology, <b>2015</b>,1,77,80,</p> <p>47. Dynamics Of Euv-Radiation From The Partially Contracted Plasma Diode,Problems Of Atomic Science And Technology, <b>2015</b>,1,190,193,</p> <p>48. Ignition And Break-Down Of The Gas Discharge In Magnetic Field,Problems Of Atomic Science And Technology, <b>2015</b>,4,224,228,</p> <p>49. Slow And Fast Surface Electromagnetic Waves In Planar Structures Contained Left-Handed Material,Problems Of Atomic Science And Technology, <b>2015</b>,4,306,309,</p> <p>50. "Long, Vertically Aligned Single-Walled Carbon Nanotubes From Plasmas: Morpho-Kinetic And Alignment Controls",Plasma Processes And Polymers, <b>2014</b>,11,8,798,808,</p> <p>51. Ion-Photon Emission Under Ion Bombardment Of Garnet Structures Of</p>
--	--	--	--	--	---

			<p>formation, <b>2014</b>, Problems of Atomic Science and Technology,94,6,149.</p> <p>55. Properties of AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> coating system obtained by magnetron sputtering, <b>2013</b>, "CriMiCo 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6653080,824.</p> <p>56. Electron Landau damping in toroidal plasma with Solov'ev equilibrium, <b>2013</b>, Plasma Physics Reports,39,12,947.</p> <p>57. Relativistic mono-energetic transport coefficients in hot plasmas, <b>2013</b>, Problems of Atomic Science and Technology,4,112.</p> <p>58. Cyclotron wave absorption in large aspect ratio elongated tokamaks, <b>2013</b>, Problems of Atomic Science and Technology,4,100.</p> <p>59. The shearing modes approach to the theory of the diocotron instability of the cylindrical electron layer, <b>2013</b>, Problems of Atomic Science and Technology,4,25.</p> <p>60. Discharging of dust particles in the afterglow of plasma with large dust density, <b>2013</b>, "Physical Review E - Statistical, Nonlinear, and Soft Matter Physics",88,2,23104.</p> <p>61. Relativistic neoclassical radial fluxes in the 1/ν regime, <b>2013</b>, Plasma Physics and Controlled Fusion,55,8,85005.</p> <p>62. Vacuum-plasma coatings based on the multielement nitrides, <b>2013</b>, Metallofizika i Noveishie Tekhnologii,35,8,1061.</p> <p>63. Optimization of the Detection System for 16 registration along with coolant leaks in the wwer-1000 steam generator, <b>2013</b>, Problems of Atomic Science and Technology,3,259.</p> <p>64. "Ion-plasma coating AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> systems, obtaining and properties", <b>2013</b>, Problems of Atomic Science and Technology,2,144.</p> <p>65. Eigen dipolar electromagnetic waves of coaxial plasma-metall waveguide structure with azimuth magnetic field, <b>2013</b>, Problems of Atomic Science and Technology,1,93.</p> <p>66. Relativistic neoclassical fluxes in hot plasmas,<b>2013</b>,Problems of Atomic Science and Technology,1,67</p> <p>67. Non-modal analysis of the diocotron instability: Cylindrical geometry, <b>2013</b>, Physics of Plasmas,20,4,42101.</p> <p>68. Double electric layer influence on dynamic of EUV radiation from plasma of high-current pulse diode in tin vapor, <b>2013</b>, "Physics Letters, Section A: General, Atomic and Solid State Physics",377,03.anp,307.</p> <p>69. Shearing modes approach in the theory of shear flows turbulence, <b>2013</b>, "40th EPS Conference on Plasma Physics, EPS ",2,870.</p> <p>70. Formation of forest of single-walled carbon nanotubes in plasma-enhanced chemical vapor deposition, <b>2012</b>, Problems of Atomic Science and Technology,6,223.</p> <p>71. Phase and group velocities of electromagnetic eigen waves of left-hand material slab, <b>2012</b>, Problems of Atomic Science and Technology,6,87.</p> <p>72. Influence of external magnetic field on intensity and directivity of EUV radiation from high-current pulse plasma diode, <b>2012</b>, Problems of Atomic Science and Technology,6,184.</p> <p>73. Transmission of electromagnetic waves through a two-layer plasma structure with spatially nonuniform electron density, <b>2012</b>, "Physical Review E - Statistical, Nonlinear, and Soft Matter Physics",86,5,56402.</p>	<p>Different Composition,Vacuum, <b>2014</b>,105,91,95.</p> <p>52. Surface Electromagnetic Waves In Left-Handed Material Slab Embedded In Plasmlike Media,Problems Of Atomic Science And Technology, <b>2014</b>,6,112,115,</p> <p>53. Field-Aligned Electron-Cyclotron Waves In A Straight Mirror-Trapped Plasma With Anisotropic Temperature,Problems Of Atomic Science And Technology, <b>2014</b>,6,58,61,</p> <p>54. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation,Problems Of Atomic Science And Technology, <b>2014</b>,6,149,152,</p> <p>55. Effect Of Secondary Emission On The Afterglow Of Argon With Negatively Charged Dust Particles,Problems Of Atomic Science And Technology, <b>2014</b>,6,157,159,</p> <p>56. The Features Of Nanolayers Surface Structure Of Yttrium Iron Garnet Films,Problems Of Atomic Science And Technology, <b>2014</b>,4,66,71,</p> <p>57. The Investigation Of Zirconium Alloys Characteristics During The Oxidation In The Gaseous Medium,Problems Of Atomic Science And Technology, <b>2014</b>,2,97,102,</p> <p>58. Condensation Of Silicide Films From Pure Components,Problems Of Atomic Science And Technology, <b>2014</b>,1,180,183,</p> <p>59. Vacuum-Plasma Coatings Based On The Multielement Nitrides,Metallofizika I Noveishie Tekhnologii, <b>2013</b>,35,8,1061,1084,</p> <p>60. Non-Modal Analysis Of The Diocotron Instability: Cylindrical Geometry,Physics Of Plasmas, <b>2013</b>,20,4,42101</p> <p>61. Discharging Of Dust Particles In The Afterglow Of Plasma With Large Dust Density,Physical Review E, <b>2013</b>,88,2,23104</p> <p>62. Double Electric Layer Influence On Dynamic Of Euv Radiation From Plasma Of High-Current Pulse Diode In Tin Vapor,Physics Letters A, <b>2013</b>,377,03.Anp,307,309,</p> <p>63. Relativistic Neoclassical Radial Fluxes In The 1/ν Regime,Plasma Physics And Controlled Fusion, <b>2013</b>,55,8,85005</p> <p>64. Relativistic Neoclassical Fluxes In Hot Plasmas,Problems Of Atomic Science And Technology, <b>2013</b>,1,67,69,</p> <p>65. Cyclotron Wave Absorption In Large Aspect Ratio Elongated Tokamaks,Problems Of Atomic Science And Technology, <b>2013</b>,4,100,102,</p> <p>66. Relativistic Mono Energetic Transport Coefficients In Hot Plasmas,Problems Of Atomic Science And Technology, <b>2013</b>,4,112,114,</p> <p>67. Electron Landau Damping In Toroidal Plasma With Solov'ev Equilibrium,Plasma Physics Reports, <b>2013</b>,39,12,947,958,</p> <p>68. The Shearing Modes Approach To The Theory Of The Diocotron Instability Of The Cylindrical Electron Layer,Problems Of Atomic Science And Technology, <b>2013</b>,4,25,29,</p> <p>69. Optimization Of The Detection System For N-16 Registration Along With Coolant Leaks In The Wwer-1000 Steam Generator,Problems Of Atomic Science And Technology, <b>2013</b>,3,259,267,</p> <p>70. "Ion-Plasma Coating Aln-Tib2-Tisi2 Systems, Obtaining And Properties",Problems Of Atomic Science And Technology, <b>2013</b>,2,144,147,</p> <p>71. Eigen Dipolar Electromagnetic Waves Of Coaxial Plasma-Metall Waveguide Structure With Azimuth Magnetic Field,Problems Of Atomic</p>
--	--	--	--	---

				74. On stability of collisional coupling between relativistic electrons and ions in hot plasmas, <b>2012</b> , Physics of Plasmas,19,11,112109.		Science And Technology, <b>2013</b> ,1,93,95, 72. Transmission Of Electromagnetic Waves Through A Two-Layer Plasma Structure With Spatially Nonuniform Electron Density,Physical Review E, <b>2012</b> ,86,5,56402 73. On Stability Of Collisional Coupling Between Relativistic Electrons And Ions In Hot Plasmas,Physics Of Plasmas, <b>2012</b> ,19,11,112109 74. Phase And Group Velocities Of Ectromagnetic Eigen Waves Of Left-Hand Material Slab,Problems Of Atomic Science And Technology, <b>2012</b> ,6,87,89, 75. Influence Of External Magnetic Field On Intensity And Directivity Of Euv Radiation From High-Current Pulse Plasma Diode,Problems Of Atomic Science And Technology, <b>2012</b> ,6,184,186, 76. Formation Of Forest Of Single-Walled Carbon Nanotubes In Plasma-Enhanced Chemical Vapor Deposition,Problems Of Atomic Science And Technology, <b>2012</b> ,6,223,225,
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Заславський Олег Борисович	58	<ol style="list-style-type: none"> <li>1. Black hole thermodynamics with the cosmological constant as independent variable: Bridge between the enthalpy and the Euclidean path integral approaches, <b>2018</b>, "Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics",786,296</li> <li>2. On regular frames near rotating black holes, <b>2018</b>, General Relativity and Gravitation,50,10,123,</li> <li>3. Black hole mass formula in the membrane paradigm, <b>2018</b>, Physical Review D,97,6,64008,</li> <li>4. Pure electric Penrose and super-Penrose processes in the flat spacetime, <b>2018</b>, International Journal of Modern Physics D,</li> <li>5. Super-Penrose process and rotating wormholes, <b>2018</b>, Physical Review D,98,10,104030,</li> <li>6. On White Holes as Particle Accelerator, <b>2018</b>, Gravitation and Cosmology,24,1,92</li> <li>7. Number of revolutions of a particle around a black hole: Is it infinite or finite?, <b>2018</b>, General Relativity and Gravitation,50,1,14,</li> <li>8. Unified approach to redshift in cosmological/black hole spacetimes and synchronous frame, <b>2018</b>, European Journal of Physics,39,1,15601,</li> <li>9. Unified approach to the entropy of an extremal rotating BTZ black hole: Thin shells and horizon limits, <b>2017</b>, Physical Review D,96,8,84068,</li> <li>10. Black hole with a scalar field as a particle accelerator, <b>2017</b>, International Journal of Modern Physics D,26,10,1750108,</li> <li>11. Collisional super-Penrose process and Wald inequalities, <b>2017</b>, General Relativity and Gravitation,49,9,119,</li> <li>12. Redshift of a photon emitted along the black hole horizon, <b>2017</b>, European Physical Journal C,77,3,179,</li> <li>13. Thermodynamics of extremal rotating thin shells in an extremal BTZ spacetime and the extremal black hole entropy, <b>2017</b>, Physical Review D,95,4,44003,</li> <li>14. Super-Penrose process due to collisions inside ergosphere, <b>2017</b>, International Journal of Modern Physics D,26,2,1750009,</li> <li>15. High energy particle collisions near black holes, <b>2016</b>, EPJ Web of Conferences,125,3023,</li> </ol>	43	<ol style="list-style-type: none"> <li>1. On White Holes As Particle Accelerator,Gravitation &amp; Cosmology, <b>2018</b>,24,1,92,</li> <li>2. Unified Approach To Redshift In Cosmological/Black Hole Spacetimes And Synchronous Frame,European Journal Of Physics, <b>2018</b>,39,1,15601</li> <li>3. Super-Penrose Process And Rotating Wormholes,Physical Review D, <b>2018</b>,98,10,104030</li> <li>4. On Regular Frames Near Rotating Black Holes,General Relativity And Gravitation, <b>2018</b>,50,10,123</li> <li>5. Shot In The Structure Of Shot,Novyi Filologicheskii Vestnik-New Philological Bulletin, <b>2018</b>,44,190,</li> <li>6. Black Hole With A Scalar Field As A Particle Accelerator,International Journal Of Modern Physics D, <b>2017</b>,26,10,1750108</li> <li>7. Redshift Of A Photon Emitted Along The Black Hole Horizon,European Physical Journal C, <b>2017</b>,77,3,179</li> <li>8. Super-Penrose Process Due To Collisions Inside Ergosphere,International Journal Of Modern Physics D, <b>2017</b>,26,2,1750009</li> <li>9. Is The Super-Penrose Process Possible Near Black Holes?,Physical Review D, <b>2016</b>,93,2,24056</li> <li>10. Schwarzschild Black Hole As Particle Accelerator Of Spinning Particles,Epl, <b>2016</b>,114,3,30003</li> <li>11. Maximum Efficiency Of The Collisional Penrose Process,Physical Review D, <b>2016</b>,94,6,64048</li> <li>12. Rotation As An Origin Of High Energy Particle Collisions,Modern Physics Letters A, <b>2016</b>,31,4,1650029</li> <li>13. Rapidly Rotating Spacetimes And Collisional Super-Penrose Process,General Relativity And Gravitation, <b>2016</b>,48,5,67</li> <li>14. High Energy Particle Collisions And Geometry Of Horizon,International Journal Of Modern Physics D, <b>2016</b>,25,10,1650095</li> <li>15. Equatorial Geodesics In Ergoregion Of Dirty Black Holes And Zero Energy Observers,General Relativity And Gravitation, <b>2016</b>,48,10,132</li> <li>16. High Energy Particle Collisions Near Black Holes,19th International Seminar On High Energy Physics (Quarks-2016), <b>2016</b>,125,Unsp 03023</li> <li>17. Unbounded Energies Of Debris From Head-On Particle Collisions Near</li> </ol>



			<ol style="list-style-type: none"> <li>16. Equatorial geodesics in ergoregion of dirty black holes and zero energy observers, <b>2016</b>, General Relativity and Gravitation,48,10,132,</li> <li>17. Maximum efficiency of the collisional Penrose process, <b>2016</b>, Physical Review D,94,6,64048,</li> <li>18. High energy particle collisions and geometry of horizon, <b>2016</b>, International Journal of Modern Physics D,25,10,16500954,</li> <li>19. Schwarzschild black hole as particle accelerator of spinning particles, <b>2016</b>, EPL,114,3,30003,</li> <li>20. Rapidly rotating spacetimes and collisional super-Penrose process, <b>2016</b>, General Relativity and Gravitation,48,5,67,</li> <li>21. Entropy of extremal black holes: Horizon limits through charged thin shells in a unified approach, <b>2016</b>, Physical Review D,93,8,84008,</li> <li>22. Rotation as an origin of high energy particle collisions, <b>2016</b>, Modern Physics Letters A,31,4,1650029,</li> <li>23. Is the super-Penrose process possible near black holes?, <b>2016</b>, Physical Review D,93,2,24056,</li> <li>24. Entropy of an extremal electrically charged thin shell and the extremal black hole, <b>2015</b>, "Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics",750,306</li> <li>25. Quasi-black holes: General features and purely field configurations, <b>2015</b>, Modern Physics Letters A,30,30,1550154,</li> <li>26. General limitations on trajectories suitable for super-Penrose process, <b>2015</b>, EPL,111,5,50004,</li> <li>27. Innermost stable circular orbit near dirty black holes in magnetic field and ultra-high-energy particle collisions, <b>2015</b>, European Physical Journal C,75,9,403,</li> <li>28. Near-horizon circular orbits and extremal limit for dirty rotating black holes, <b>2015</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",92,4,44017,</li> <li>29. Entropy of a self-gravitating electrically charged thin shell and the black hole limit, <b>2015</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",91,10,104027,</li> <li>30. Ultra-high energy collisions in static space-times: single versus multi-black hole cases, <b>2015</b>, General Relativity and Gravitation,47,4,</li> <li>31. Unbounded energies of debris from head-on particle collisions near black holes, <b>2015</b>, Modern Physics Letters A,30,16,1550076,</li> <li>32. On geodesics with negative energies in the ergoregions of dirty black holes, <b>2015</b>, Modern Physics Letters A,30,10,1550055,</li> <li>33. Kinematics of ultra-high energy particle collisions near black holes in the magnetic field, <b>2015</b>, Modern Physics Letters A,30,6,1550027,</li> <li>34. Quasiblack holes: Properties and Carter-Penrose diagrams, <b>2015</b>, "The 13th Marcel Grossmann Meeting: On Recent Developments in Theoretical and Experimental General Relativity, Astrophysics and Relativistic Field Theories - Proceedings of the MG13 Meeting on General Relativity, 2012",210699,1195</li> <li>35. Ultrahigh energy particle collisions near many-dimensional black holes: General approach, <b>2014</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",90,10,107503,</li> <li>36. Bañados-Silk-West effect with nongeodesic particles: Nonextremal</li> </ol>	<ol style="list-style-type: none"> <li>Black Holes,Modern Physics Letters A, <b>2015</b>,30,16,1550076</li> <li>18. General Limitations On Trajectories Suitable For Super-Penrose Process,Epl, <b>2015</b>,111,5,50004</li> <li>19. Near-Horizon Circular Orbits And Extremal Limit For Dirty Rotating Black Holes,Physical Review D, <b>2015</b>,92,4,44017</li> <li>20. Innermost Stable Circular Orbit Near Dirty Black Holes In Magnetic Field And Ultra-High-Energy Particle Collisions,European Physical Journal C, <b>2015</b>,75,9,403</li> <li>21. On Geodesics With Negative Energies In The Ergoregions Of Dirty Black Holes,Modern Physics Letters A, <b>2015</b>,30,10,1550055</li> <li>22. Kinematics Of Ultra-High Energy Particle Collisions Near Black Holes In The Magnetic Field,Modern Physics Letters A, <b>2015</b>,30,6,1550027</li> <li>23. Quasi-Black Holes: General Features And Purely Field Configurations,Modern Physics Letters A, <b>2015</b>,30,30,1550154</li> <li>24. Ultra-High Energy Collisions In Static Space-Times: Single Versus Multi-Black Hole Cases,General Relativity And Gravitation, <b>2015</b>,47,4,50</li> <li>25. Ultrahigh Energy Particle Collisions Near The Black Hole Horizon In The Strong Magnetic Field,Modern Physics Letters A, <b>2014</b>,29,21,1450112</li> <li>26. Ultrahigh Energy Particle Collisions Near Many-Dimensional Black Holes: General Approach,Physical Review D, <b>2014</b>,90,10,107503</li> <li>27. Banados-Silk-West Effect With Nongeodesic Particles: Nonextremal Horizons,Physical Review D, <b>2014</b>,90,6,67502</li> <li>28. "Dilaton Gravity, (Quasi-) Black Holes, And Scalar Charge",General Relativity And Gravitation, <b>2014</b>,46,9,1775</li> <li>29. "Dilaton Gravity, Charged Dust, And (Quasi-) Black Holes",Physical Review D, <b>2014</b>,89,10,107501</li> <li>30. High-Energy Collisions Inside Black Holes And Their Counterpart In Flat Spacetime,International Journal Of Modern Physics D, <b>2014</b>,23,5,1450045</li> <li>31. "What Happens To Petrov Classification, On Horizons Of Axisymmetric Dirty Black Holes",Journal Of Mathematical Physics, <b>2014</b>,55,2,22502</li> <li>32. High-Energy Collision Of Particles In The Magnetic Field Far From Black Holes,Modern Physics Letters A, <b>2014</b>,29,29,1450151</li> <li>33. Acceleration Of Particles As A Universal Property Of Ergosphere,Modern Physics Letters A, <b>2013</b>,28,11,1350037</li> <li>34. Comment On Black Holes Are Neither Particle Accelerators Nor Dark Matter Probes",Physical Review Letters, <b>2013</b>,111,7,79001</li> <li>35. Banados-Silk-West Effect With Nongeodesic Particles: Extremal Horizons,Physical Review D, <b>2013</b>,88,6,64036</li> <li>36. Ultrahigh Energy Head-On Collisions Without Horizons Or Naked Singularities: General Approach,Physical Review D, <b>2013</b>,88,4,44030</li> <li>37. Acceleration Of Particles By Acceleration Horizons,Physical Review D, <b>2013</b>,88,10,104016</li> <li>38. Acceleration Of Particles By Quasiblack Holes,International Journal Of Modern Physics D, <b>2013</b>,22,6,1350028</li> <li>39. Dirty Rotating Black Holes: Regularity Conditions On Stationary Horizons,Physical Review D, <b>2012</b>,86,4,44019</li> <li>40. Energy Extraction From Extremal Charged Black Holes Due To The Banados-Silk-West Effect,Physical Review D, <b>2012</b>,86,12,124039</li> <li>41. Acceleration Of Particles Near The Inner Black Hole Horizon,Physical</li> </ol>
--	--	--	--	---

			<p>horizons, <b>2014</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",90,6,67502,</p> <p>37. Ultrahigh energy particle collisions near the black hole horizon in the strong magnetic field, <b>2014</b>, Modern Physics Letters A,29,21,1450112,</p> <p>38. "Dilaton gravity, charged dust, and (quasi-) black holes", <b>2014</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",89,10,107501,</p> <p>39. "What happens to Petrov classification, on horizons of axisymmetric dirty black holes", <b>2014</b>, Journal of Mathematical Physics,55,2,22502,</p> <p>40. High-energy collision of particles in the magnetic field far from black holes, <b>2014</b>, Modern Physics Letters A,29,29,1450151,</p> <p>41. High-energy collisions inside black holes and their counterpart in flat spacetime, <b>2014</b>, International Journal of Modern Physics D,23,5,1450045,</p> <p>42. "Dilaton gravity, (quasi-) black holes, and scalar charge", <b>2014</b>, General Relativity and Gravitation,46,9,</p> <p>43. Acceleration of particles by acceleration horizons, <b>2013</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",88,10,104016,</p> <p>44. Bañados-Silk-West effect with nongeodesic particles: Extremal horizons, <b>2013</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",88,6,64036,</p> <p>45. Ultrahigh energy head-on collisions without horizons or naked singularities: General approach, <b>2013</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",88,4,44030,</p> <p>46. "Comment on ""black holes are neither particle accelerators nor dark matter probes""", <b>2013</b>, Physical Review Letters,111,7,79001,</p> <p>47. High energy particle collisions near the bifurcation surface, <b>2013</b>, International Journal of Modern Physics D,22,8,1350044,</p> <p>48. Acceleration of particles by quasiblack holes, <b>2013</b>, International Journal of Modern Physics D,22,6,1350028,</p> <p>49. Acceleration of particles as a universal property of ergosphere, <b>2013</b>, Modern Physics Letters A,28,11,1350037,</p> <p>50. Energy extraction from extremal charged black holes due to the Banados-Silk-West effect, <b>2012</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",86,12,124039,</p> <p>51. Ultra-high energy collisions of nonequatorial geodesic particles near dirty black holes, <b>2012</b>, Journal of High Energy Physics, <b>2012</b>, 12,32,</p> <p>52. Definition and properties of quasiblack holes, <b>2012</b>, "12th Marcel Grossmann Meeting on Recent Dev. in Theoretical and Experimental General Relativity, Astrophysics and Relativistic Field Theories - Proc. of the MG 2009 Meeting on General Relativity",2038</p> <p>53. Circular orbits and acceleration of particles by near-extremal dirty rotating black holes: General approach, <b>2012</b>, Classical and Quantum Gravity,29,20,205004,</p> <p>54. Energetics of particle collisions near dirty rotating extremal black holes: Banados-Silk-West effect versus Penrose process, <b>2012</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",86,8,84030,</p> <p>55. Dirty rotating black holes: Regularity conditions on stationary horizons, <b>2012</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",86,4,44019,</p> <p>56. Acceleration of particles by black holes as a result of deceleration: Ultimate</p>	<p>Review D, <b>2012</b>,85,2,24029</p> <p>42. Acceleration Of Particles By Rotating Black Holes: Near-Horizon Geometry And Kinematics,Gravitation &amp; Cosmology, <b>2012</b>,18,2,139,</p> <p>43. Energetics Of Particle Collisions Near Dirty Rotating Extremal Black Holes: Banados-Silk-West Effect Versus Penrose Process, <b>2012</b>, "Physical Review D - Particles, Fields, Gravitation And Cosmology",86,8,84030,</p>
--	--	--	--	---

				<p>manifestation of kinematic nature of BSW effect, <b>2012</b>, "Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics",712,3,161</p> <p>57. Acceleration of particles by rotating black holes: Near-horizon geometry and kinematics, <b>2012</b>, Gravitation and Cosmology,18,2,139</p> <p>58. Acceleration of particles near the inner black hole horizon, <b>2012</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",85,2,24029</p>		
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Береснев В'ячеслав Мартинович	128	<ol style="list-style-type: none"> <li>Promising Types of Coatings for PCBN Tools, <b>2018</b>, Journal of Superhard Materials,40,6,424,</li> <li>"Nano-multilayered coatings of (TiAlSiY)N/MeN (Me=Mo, Cr and Zr): Influence of composition of the alternating layer on their structural and mechanical properties", <b>2018</b>, Journal of Alloys and Compounds,767,483,</li> <li>Structural and mechanical characterization of (TiZrNbHfTa)N/WN multilayered nitride coatings, <b>2018</b>, Materials Letters,229,364,</li> <li>Superhard CrN/MoN coatings with multilayer architecture, <b>2018</b>, Materials and Design,153,47,</li> <li>Microstructure and Physical-Mechanical Properties of (TiAlSiY)N Nanostructured Coatings Under Different Energy Conditions, <b>2018</b>, Metals and Materials International,24,5,1024,</li> <li>A new type of (TiZrNbTaHf)N/MoN nanocomposite coating: Microstructure and properties depending on energy of incident ions, <b>2018</b>, Composites Part B: Engineering,146,132,</li> <li>The influence of deposition conditions and bilayer thickness on physical-mechanical properties of CA-PVD multilayer ZrN/CrN coatings, <b>2018</b>, Materials Characterization,140,189,</li> <li>Structure and Mechanical Properties of TiAlSiY Vacuum-Arc Coatings Deposited in Nitrogen Atmosphere, <b>2018</b>, Inorganic Materials: Applied Research,9,3,410,</li> <li>Formation of Superhard State of the TiZrHfNbTaYN Vacuum-Arc High-Entropy Coating, <b>2018</b>, Journal of Superhard Materials,40,2,102,</li> <li>Specific Features of the Microstructure and Properties of Multielement Nitride Coatings Based on TiZrNbAlYCr, <b>2018</b>, Technical Physics Letters,44,2,98,</li> <li>The influence of nitrogen pressure on the fabrication of the two-phase superhard nanocomposite (TiZrNbAlYCr)N coatings, <b>2018</b>, Materials Letters,211,316,</li> <li>Features of investigations of multilayer nitride coatings based on Cr and Zr, <b>2018</b>, Progress in Physics of Metals,19,1,25,</li> <li>Electrical conductivity and dielectric relaxation processes of the ceramic system Y2O3-ZrO2-SrTiO3-BiScO3, <b>2018</b>, Journal of Nano- and Electronic Physics,10,4,4024,</li> <li>Tribological behaviour of two-component metal coatings based on tin with various sn contents, <b>2018</b>, Problems of Atomic Science and Technology,113,1,62,</li> <li>Influence of bias potential on the tribological behavior and physical-mechanical properties of TiAlSiY-based nanostructured coatings, <b>2018</b>, Proceedings of SPIE - The International Society for Optical</li> </ol>	110	<ol style="list-style-type: none"> <li>The Influence Of Nitrogen Pressure On The Fabrication Of The Two-Phase Superhard Nanocomposite (TiZrNbAlYCr)N Coatings,Materials Letters, <b>2018</b>,211,316,</li> <li>Superhard Cr/MoN Coatings With Multilayer Architecture,Materials &amp; Design, <b>2018</b>,153,47,</li> <li>A New Type Of (TiZrNbHfTa)N/MoN Nanocomposite Coating: Microstructure And Properties Depending On Energy Of Incident Ions,Composites Part B-Engineering, <b>2018</b>,146,132,</li> <li>"Nano-Multilayered Coatings Of (TiAlSiY)N/MeN (Me=Mo, Cr And Zr): Influence Of Composition Of The Alternating Layer On Their Structural And Mechanical Properties",Journal Of Alloys And Compounds, <b>2018</b>,767,483,</li> <li>Microstructure And Physical-Mechanical Properties Of (TiAlSiY)N Nanostructured Coatings Under Different Energy Conditions,Metals And Materials International, <b>2018</b>,24,5,1024,</li> <li>Features Of Investigations Of Multilayer Nitride Coatings Based On Cr And Zr,Uspekhi Fiziki Metallov-Progress In Physics Of Metals, <b>2018</b>,19,1,25,</li> <li>Structural And Mechanical Characterization Of (TiZrNbHfTa)N/Wn Multilayered Nitride Coatings,Materials Letters, <b>2018</b>,229,364,</li> <li>Specific Features Of The Microstructure And Properties Of Multielement Nitride Coatings Based On TiZrNbAlYCr,Technical Physics Letters, <b>2018</b>,44,2,98,</li> <li>Promising Types Of Coatings For Pcbn Tools,Journal Of Superhard Materials, <b>2018</b>,40,6,424,</li> <li>Formation Of Superhard State Of The TiZrHfNbTaYN Vacuum-Arc High-Entropy Coating,Journal Of Superhard Materials, <b>2018</b>,40,2,102,</li> <li>Influence Of Bias Potential On The Tribological Behavior And Physical-Mechanical Properties Of TiAlSiY-Based Nanostructured Coatings,"Advanced Topics In Optoelectronics, Microelectronics, And Nanotechnologies Ix", <b>2018</b>,10977,Unsp 109771m</li> <li>Tribological Behaviour Of Two-Component Metal Coatings Based On Tin With Various Sn Contents,Problems Of Atomic Science And Technology, <b>2018</b>,1,62,</li> <li>The Use Of Plasma-Based Deposition With Ion Implantation Technology To Produce Superhard Molybdenum-Based Coatings In A Mixed (C2h2+N-2) Atmosphere,Problems Of Atomic Science And Technology, <b>2018</b>,1,82,</li> <li>The Effects Of Cr And Si Additions And Deposition Conditions On The Structure And Properties Of The (Zr-Ti-Nb)N Coatings,Ceramics</li> </ol>

			<p>Engineering,10977, 109771M,</p> <ol style="list-style-type: none"> <li>16. Improving the wear resistance of thermally sprayed nanocomposite Cr<sub>3</sub>C<sub>2</sub>-25NiCr coatings by pulsed plasma treatment, <b>2018</b>, Journal of Nano- and Electronic Physics,10,6,6035,</li> <li>17. (TiZr)N/(TiSi)N multilayer nanostructured coatings obtained by vacuum arc deposition, <b>2018</b>, Journal of Nano- and Electronic Physics,10,5,5041,</li> <li>18. "Investigation of the effect of the composition of residual gases on the hardness, adhesion properties and the composition of SiC-AlN coatings deposited by the magnetron sputtering", <b>2018</b>, Journal of Nano- and Electronic Physics,10,3,3028,</li> <li>19. Structure and stresses in a system of two mechanical twins in titanium, <b>2018</b>, Journal of Nano- and Electronic Physics,10,6,6047,</li> <li>20. The use of plasma-based deposition with ion implantation technology to produce superhard molybdenum-based coatings in a mixed (C<sub>2</sub>H<sub>2</sub>+N<sub>2</sub>) atmosphere, <b>2018</b>, Problems of Atomic Science and Technology,113,1,82,</li> <li>21. Effects of Cr and Si additions under the various deposition conditions on the mechanical properties of the (Zr-Ti-Nb)N coatings, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 01PCS110,</li> <li>22. Synthesis and characterization of nitride multilayered coatings based on refractory metals, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 02NTF37,</li> <li>23. "Effect of deposition process parameters and high-temperature annealing on the structure and properties of (Ti, Si)N/MoN vacuum arc coatings", <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 01FNC21,</li> <li>24. The microstructure and mechanical properties of (TiAlSiY)N nanostructured coatings, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 01FNC13,</li> <li>25. Structure and properties of nanoscale MoN/CrN multilayered coatings, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 01FNC20,</li> <li>26. "The shear strength of composite from the titan and hydroxyapatite3D coatings with a new type of porous structure, intend for biological application", <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 01FNC01,</li> <li>27. "Multilayered vacuum-arc nanocomposite TiN/ZrN coatings before and after annealing: Structure, properties, first-principles calculations", <b>2017</b>, Materials Characterization,134,55,</li> <li>28. "Influence of the bilayer thickness of nanostructured multilayer MoN/CrN coating on its microstructure, hardness, and elemental composition", <b>2017</b>, Physics of the Solid State,59,9,1798,</li> <li>29. Special features of the applications of cutting tools from polycrystalline cubic boron nitride with protective coatings, <b>2017</b>, Journal of Superhard</li> </ol>	<p>International, <b>2017</b>,43,1,771,</p> <ol style="list-style-type: none"> <li>15. Multilayer Design Of Crn/Mon Protective Coatings For Enhanced Hardness And Toughness,Journal Of Alloys And Compounds, <b>2017</b>,725,1188,</li> <li>16. Kinetics Of The Electron Beam Induced Crystallization Of Amorphous ZrO<sub>2</sub> Films Obtained Via Ion-Plasma And Laser Sputtering,Physics Of The Solid State, <b>2017</b>,59,1,151,</li> <li>17. "Influence Of The Bilayer Thickness Of Nanostructured Multilayer Mon/Crn Coating On Its Microstructure, Hardness, And Elemental Composition",Physics Of The Solid State, <b>2017</b>,59,9,1798,</li> <li>18. Special Features Of The Applications Of Cutting Tools From Polycrystalline Cubic Boron Nitride With Protective Coatings,Journal Of Superhard Materials, <b>2017</b>,39,4,288,</li> <li>19. Structure And Properties Of Vacuum Arc Single-Layer And Multiperiod Two-Layer Nitride Coatings Based On Ti(Al):Si Layers,Journal Of Nano- And Electronic Physics, <b>2017</b>,9,1,1033</li> <li>20. Influence Of The High-Temperature Annealing On The Structure And Mechanical Properties Of Vacuum-Arc Coatings From Mo/(Ti+6 Wt % Si)N,Journal Of Superhard Materials, <b>2017</b>,39,3,172,</li> <li>21. Effect Of Bias Voltage And Nitrogen Pressure On The Structure And Properties Of Vacuum-Arc (Mo+Ti6%Si)N Coatings,Technical Physics, <b>2017</b>,62,5,795,</li> <li>22. Synthesis And Characterization Of Nitride Multilayered Coatings Based On Refractory Metals,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 02ntf37</li> <li>23. "The Shear Strength Of Composite From The Titan And Hydroxyapatite 3d Coatings With A New Type Of Porous Structure, Intend For Biological Application",Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 01fnc01</li> <li>24. Structure And Properties Of Nanoscale Mon/Crn Multilayered Coatings,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 01fnc20</li> <li>25. Effects Of Cr And Si Additions Under The Various Deposition Conditions On The Mechanical Properties Of The (Zr-Ti-Nb)N Coatings,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 01pci10</li> <li>26. The Microstructure And Mechanical Properties Of (TiAlSiY)N Nanostructured Coatings,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 01fnc13</li> <li>27. "Effect Of Deposition Process Parameters And High-Temperature Annealing On The Structure And Properties Of (Ti,Si)N/Mon Vacuum Arc Coatings",Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 01fnc21</li> <li>28. Regularity Of Formation Of Vacuum-Arc Nitride Coating Based On Multi-Component Alloys,Journal Of Nano- And Electronic Physics, <b>2017</b>,9,4,4023</li> <li>29. "Single Layer And Multilayer Vacuum-Arc Coatings Based On The Nitride</li> </ol>
--	--	--	---	--

				<p>Materials,39,4,288,</p> <p>30. Influence of the high-temperature annealing on the structure and mechanical properties of vacuum-arc coatings from Mo/(Ti + 6 wt % Si)N, <b>2017</b>, Journal of Superhard Materials,39,3,172,</p> <p>31. Effect of bias voltage and nitrogen pressure on the structure and properties of vacuum-arc (Mo + Ti6%Si)N coatings, <b>2017</b>, Technical Physics,62,5,795,</p> <p>32. Kinetics of the electron beam induced crystallization of amorphous ZrO2 films obtained via ion-plasma and laser sputtering, <b>2017</b>, Physics of the Solid State,59,1,151,</p> <p>33. "Microstructure and tribological properties of nitride coatings based on Zr, Ti, Cr, Nb, and Si elements", <b>2017</b>, High Temperature Material Processes,21,3,267,</p> <p>34. Regularity of formation of vacuum-arc nitride coating based on multi-component alloys, <b>2017</b>, Journal of Nano- and Electronic Physics,9,4,4023,</p> <p>35. Multilayer design of CrN/MoN protective coatings for enhanced hardness and toughness, <b>2017</b>, Journal of Alloys and Compounds,725,1188,</p> <p>36. The effects of Cr and Si additions and deposition conditions on the structure and properties of the (Zr-Ti-Nb)N coatings, <b>2017</b>, Ceramics International,43,1,771,</p> <p>37. Structure and properties of vacuum arc single-layer and multiperiod two-layer nitride coatings based on Ti(Al): Si layers, <b>2017</b>, Journal of Nano- and Electronic Physics,9,1,1033,</p> <p>38. "Single layer and multilayer vacuum-arc coatings based on the nitride tialsiyn: Composition, structure, properties", <b>2017</b>, Problems of Atomic Science and Technology,110,4,88,</p> <p>39. "Nanoscale TiN/ZrN multilayered coatings, their structure and properties", <b>2016</b>, "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757238,</p> <p>40. "Study of influence physical and technological parameters of deposition on the structure, physical and mechanical properties of vacuum arc coatings (Mo + Ti6%Si)N", <b>2016</b>, "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757226,</p> <p>41. High temperature behavior of functional TiAlBSiN nanocomposite coatings, <b>2016</b>, Surface and Coatings Technology,305,49,</p> <p>42. "Effect of the high dose of N+(1018cm-2) ions implantation into the (TiHfZrVNbTa)N nanostructured coating on its microstructure, elemental and phase compositions, and physico-mechanical properties", <b>2016</b>, Journal of Superhard Materials,38,6,393,</p> <p>43. Nanostructured multielement (TiHfZrNbVTa)N coatings before and after implantation of N+ ions (1018 cm-2): Their structure and mechanical properties, <b>2016</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",385,74,</p> <p>44. Gradient nanostructured coatings obtained by magnetron sputtering of a multiphase AlN-TiB2-TiSi2 target, <b>2016</b>, Physics of Metals and Metallography,117,10,990,</p> <p>45. "Irradiation resistance, microstructure and mechanical properties of nanostructured (TiZrHfVNbTa)N coatings", <b>2016</b>, Journal of Alloys and Compounds,679,155,</p>	<p>Tialsiyn: Composition, Structure, Properties",Problems Of Atomic Science And Technology, <b>2017</b>,4,88,</p> <p>30. High Temperature Behavior Of Functional Tialbsin Nanocomposite Coatings,Surface &amp; Coatings Technology, <b>2016</b>,305,49,</p> <p>31. Structure Engineering In Vacuum-Arc-Deposited Coatings Of The Mon-Crn System,Technical Physics Letters, <b>2016</b>,42,5,532,</p> <p>32. Nanostructured Multielement (Tihfzrnbtva)N Coatings Before And After Implantation Of N+ Ions (10(18) Cm(-2)): Their Structure And Mechanical Properties,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2016</b>,385,74,</p> <p>33. "Effect Of The Deposition Parameters On The Phase-Structure State, Hardness, And Tribological Characteristics Of Mo2n/Crn Vacuum-Arc Multilayer Coatings",Journal Of Superhard Materials, <b>2016</b>,38,2,114,</p> <p>34. Structure And Mechanical Properties Of Nitride Multi-Layer Systems On The Basis Of High Entropy Alloys And Transition Metals Of Group Vi,Problems Of Atomic Science And Technology, <b>2016</b>,1,112,</p> <p>35. "Effect Of Pressure Of Nitrogen Atmosphere During The Vacuum Arc Deposition Of Multiperiod Coatings (Ti, Si)N/Mon On Their Structure And Properties",Journal Of Nano- And Electronic Physics, <b>2016</b>,8,4,4023</p> <p>36. "Effect Of The High Doze Of N+(10(18) Cm(-2)) Ions Implantation Into The (Tihfzrvnbtva)N Nanostructured Coating On Its Microstructure, Elemental And Phase Compositions, And Physico-Mechanical Properties",Journal Of Superhard Materials, <b>2016</b>,38,6,393,</p> <p>37. Gradient Nanostructured Coatings Obtained By Magnetron Sputtering Of A Multiphase Aln-Tib2-Tisi2 Target,Physics Of Metals And Metallography, <b>2016</b>,117,10,990,</p> <p>38. "The Influence Of Nitrogen Pressure On The Structure Of Condensates, Obtained At Vacuum-Arc Deposition From High Entropy Alloy Alcrtizrnby",Problems Of Atomic Science And Technology, <b>2016</b>,2,86,</p> <p>39. "Influence On Mechanical Characteristics Of Thickness Of Layers In Mon/Crn Multilayer Coatings, Deposited Under The Influence Of Negative Bias Potential",Journal Of Nano- And Electronic Physics, <b>2016</b>,8,1,Unsp 01043</p> <p>40. Nanocoatings: Technology Of Fabrication Of Nanostructure (Nanocomposite) Coatings With High Physical And Mechanical Properties Using C-Pvd,Crc Concise Encyclopedia Of Nanotechnology, <b>2016</b>,624,</p> <p>41. Recrystallization And Formation Of Spheroidal Gold Particles In Amorphous-Like Aln-Tib2-Tisi2 Coatings After Annealing And Subsequent Implantation.Physics Of The Solid State, <b>2016</b>,58,7,1453,</p> <p>42. Influence Of High-Voltage Constant Potential Bias On Structure And Properties Of Mon/Crn Multilayer Composite With Different Layer Thickness,Problems Of Atomic Science And Technology, <b>2016</b>,1,154,</p> <p>43. "Study Of Influence Physical And Technological Parameters Of Deposition On The Structure, Physical And Mechanical Properties Of Vacuum Arc Coatings (Mo+Ti6% Si)N",International Conference On Nanomaterials: Application &amp; Properties (Nap), <b>2016</b>,Unsp 01fnc08</p> <p>44. "Nanoscaletin/Zrn Multilayered Coatings, Their Structure And Properties",International Conference On Nanomaterials: Application &amp; Properties (Nap), <b>2016</b>,Unsp 01ntf07</p>
--	--	--	--	---	--

			<p>46. Recrystallization and formation of spheroidal gold particles in amorphous-like AlN–TiB<sub>2</sub>–TiSi<sub>2</sub> coatings after annealing and subsequent implantation, <b>2016</b>, Physics of the Solid State,58,7,1453,</p> <p>47. Structure engineering in vacuum-arc-deposited coatings of the MoN–CrN system, <b>2016</b>, Technical Physics Letters,42,5,532,</p> <p>48. Physical and mechanical properties of (Ti–Zr–Nb)N coatings fabricated by vacuum-arc deposition, <b>2016</b>, Inorganic Materials: Applied Research,7,3,388,</p> <p>49. "Effect of the deposition parameters on the phase–structure state, hardness, and tribological characteristics of Mo<sub>2</sub>N/CrN vacuum–arc multilayer coatings", <b>2016</b>, Journal of Superhard Materials,38,2,114,</p> <p>50. "Arc-Evaporated Nanoscale Multilayer Nitride-Based Coatings for Protection Against Wear, Corrosion, and Oxidation", <b>2016</b>, Uspehi Fiziki Metallov,17,1,1,</p> <p>51. "Influence on mechanical characteristics of thickness of layers in MoN/CrN multilayer coatings, deposited under the influence of negative bias potential", <b>2016</b>, Journal of Nano- and Electronic Physics,8,1,1043,</p> <p>52. "Effect of pressure of nitrogen atmosphere during the vacuum arc deposition of multiperiod coatings (Ti, Si)N/MoN on their structure and properties", <b>2016</b>, Journal of Nano- and Electronic Physics,8,4,4023,</p> <p>53. Influence of high-voltage constant potential bias on structure and properties of MoN/CrN multilayer composite with different layer thickness, <b>2016</b>, Problems of Atomic Science and Technology,101,1,154,</p> <p>54. Structure and mechanical properties of nitride multi-layer systems on the basis of high entropy alloys and transition metals of group VI, <b>2016</b>, Problems of Atomic Science and Technology,101,1,112,</p> <p>55. Multilayer nitride coatings (TiZrNbHf)N/MoN, <b>2016</b>, Journal of Nano- and Electronic Physics,8,3,3045,</p> <p>56. "The influence of nitrogen pressure on the structure of condensates, obtained at vacuum-arc deposition from high entropy alloy AlCrTiZrNbY", <b>2016</b>, Problems of Atomic Science and Technology,102,2,86,</p> <p>57. Effect of high-entropy components of nitride layers on nitrogen content and hardness of (TiN-Cu)/(AlNbTiMoVCr)N vacuum-arc multilayer coatings, <b>2016</b>, Journal of Nano- and Electronic Physics,8,2,2057,</p> <p>58. The microstructure of a multielement nanostructured (TiZrHfVNBa)N coating and its resistance to irradiation with Au– ions, <b>2015</b>, Technical Physics Letters,41,11,1054,</p> <p>59. "Investigation of nanoscale TiN/MoN multilayered systems, fabricated using Arc evaporation", <b>2015</b>, Acta Physica Polonica A,128,5,836,</p> <p>60. Fabrication and research of superhard (Zr-Ti-Cr-Nb)N Coatings, <b>2015</b>, Acta Physica Polonica A,128,5,867,</p> <p>61. Wear resistance of the multicomponent coatings of the (Ti-Zr-Hf-V-Nb-Ta)N system at elevated temperature, <b>2015</b>, Journal of Superhard Materials,37,5,322,</p> <p>62. Structural features and physico-mechanical properties of AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> amorphous-like coatings, <b>2015</b>, Journal of Superhard Materials,37,5,310,</p> <p>63. "Influence of residual pressure and ion implantation on the structure, elemental composition, and properties of (TiZrAlYNb)N nitrides", <b>2015</b>, Technical Physics,60,8,1176,</p>	<p>45. Multilayer Nitride Coatings (TiZrNbHf)N/MoN, Journal Of Nano- And Electronic Physics, <b>2016</b>,8,3,3045</p> <p>46. Effect Of High-Entropy Components Of Nitride Layers On Nitrogen Content And Hardness Of (TiN-Cu)/(AlNbTiMoVCr)N Vacuum-Arc Multilayer Coatings, Journal Of Nano- And Electronic Physics, <b>2016</b>,8,2,Unsp 02057</p> <p>47. Structure And Properties Of Arc Evaporated Nanoscale Tin/MoN Multilayered Systems, International Journal Of Refractory Metals &amp; Hard Materials, <b>2015</b>,48,222,</p> <p>48. "Influence Of Residual Pressure And Ion Implantation On The Structure, Elemental Composition, And Properties Of (TiZrAlNb)N Nitrides", Technical Physics, <b>2015</b>,60,8,1176,</p> <p>49. Influence Of Implantation Of Au- Ions On The Microstructure And Mechanical Properties Of The Nanostructured Multielement (TiZrHfVnBa)N Coating, Physics Of The Solid State, <b>2015</b>,57,8,1559,</p> <p>50. "Composition, Structure And Tribotechnical Properties Of Tin, Mon Single-Layer And Tin/MoN Multilayer Coatings", Journal Of Superhard Materials, <b>2015</b>,37,1,27,</p> <p>51. Structure And Properties Of (Zr-Ti-Cr-Nb)N Multielement Superhard Coatings, Journal Of Superhard Materials, <b>2015</b>,37,2,101,</p> <p>52. The Microstructure Of A Multielement Nanostructured (TiZrHfVnBa)N Coating And Its Resistance To Irradiation With Au- Ions, Technical Physics Letters, <b>2015</b>,41,11,1054,</p> <p>53. "Investigation Of Nanoscale Tin/MoN Multilayered Systems, Fabricated Using Arc Evaporation", Acta Physica Polonica A, <b>2015</b>,128,5,836,</p> <p>54. Fabrication And Research Of Superhard (Zr-Ti-Cr-Nb)N Coatings, Acta Physica Polonica A, <b>2015</b>,128,5,867,</p> <p>55. Structural Features And Physico-Mechanical Properties Of AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> Amorphous-Like Coatings, Journal Of Superhard Materials, <b>2015</b>,37,5,310,</p> <p>56. "Structure, Substructure, Hardness And Adhesion Strength Of Multiperiod Composite Coatings Mon / Crn", Journal Of Nano- And Electronic Physics, <b>2015</b>,7,4,Unsp 04050</p> <p>57. Formation Of A Tribofilm In The Surface Layer Of Al-Ti-Cr-N-B Magnetron Coating On Boron Nitride During Turning Of Hardened Steel, Powder Metallurgy And Metal Ceramics, <b>2015</b>,54,03, Amp,140,</p> <p>58. Wear Resistance Of The Multicomponent Coatings Of The (Ti-Zr-Hf-V-Nb-Ta)N System At Elevated Temperature, Journal Of Superhard Materials, <b>2015</b>,37,5,322,</p> <p>59. Peculiarities Of The Formation Of Multicomponent AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> Composite Ceramics Coatings During Heat Treatment, Physics Of Metals And Metallography, <b>2015</b>,116,6,576,</p> <p>60. Comparing The Tribological Properties Of The Coatings (Ti-Hf-Zr-V-Nb-Ta)N And (Ti-Hf-Zr-V-Nb-Ta)N, Journal Of Nano- And Electronic Physics, <b>2015</b>,7,3,Unsp 03041</p> <p>61. Frictional Properties Of Multielement Coatings (TiZrHfVnBa)N, Problems Of Atomic Science And Technology, <b>2015</b>,2,139,</p> <p>62. Investigation Of Multilayer Superhard Ti-Hf-Si-N/Nb/Al<sub>2</sub>O<sub>3</sub> Coatings For High Performance Protection, Advanced Processing And Manufacturing Technologies For Nanostructured And Multifunctional Materials,</p>
--	--	--	--	--

			<p>64. Influence of implantation of Au<sup>-</sup> ions on the microstructure and mechanical properties of the nanostructured multielement (TiZrHf VNbTa)N coating, <b>2015</b>, Physics of the Solid State,57,8,1559,</p> <p>65. Formation of a Tribofilm in the Surface Layer of Al-Ti-Cr-N-B Magnetron Coating on Boron Nitride During Turning of Hardened Steel, <b>2015</b>, Powder Metallurgy and Metal Ceramics,54,03.amp,140,</p> <p>66. Peculiarities of the formation of multicomponent AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> composite ceramics coatings during heat treatment, <b>2015</b>, Physics of Metals and Metallography,116,6,576,</p> <p>67. Structure and properties of (Zr-Ti-Cr-Nb)N multielement superhard coatings, <b>2015</b>, Journal of Superhard Materials,37,2,101,</p> <p>68. Influence of the Structure and Elemental Composition on the Physical and Mechanical Properties of (TiZrHfVNb)N Nanostructured Coatings, <b>2015</b>, Advanced Processing and Manufacturing Technologies for Nanostructured and Multifunctional Materials,173,</p> <p>69. Investigation of Multilayer Superhard Ti-Hf-Si-N/NbN/Al<sub>2</sub>O<sub>3</sub> Coatings for High Performance Protection, <b>2015</b>, Advanced Processing and Manufacturing Technologies for Nanostructured and Multifunctional Materials,163,</p> <p>70. Comparing the tribological properties of the coatings (Ti-Hf-Zr-V-Nb-Ta)N and (Ti-Hf-Zr-V-Nb-Ta)N + DLC, <b>2015</b>, Journal of Nano- and Electronic Physics,7,3,3041,</p> <p>71. Frictional properties of multielement coatings (TiZrHfVNbTa)N, <b>2015</b>, Problems of Atomic Science and Technology,96,2,139,</p> <p>72. Nanotubular crystals of garnierite Ni<sub>6</sub>(OH)<sub>8</sub>[Si<sub>4</sub>O<sub>10</sub>], <b>2015</b>, Problems of Atomic Science and Technology,96,2,145,</p> <p>73. Structure and properties of arc evaporated nanoscale TiN/MoN multilayered systems, <b>2015</b>, International Journal of Refractory Metals and Hard Materials,48,222,</p> <p>74. Deposition and characterization of nanocomposition Cr<sub>3</sub>C<sub>2</sub>-TaC-NiCr coating by multi-chamber detonation sprayer, <b>2015</b>, Springer Proceedings in Physics,167,3,</p> <p>75. Tribological characteristics and mechanical properties of multilayer vacuum-arc coatings TiN/ZrN, <b>2015</b>, Problems of Atomic Science and Technology,99,5,70,</p> <p>76. "Structure and physical and mechanical Properties of nanocomposite (Zr-Ti-Cr-Nb)N and (Ti-Zr-Al-Nb-Y)N coatings, obtained by vacuum-arc evaporation method", <b>2015</b>, Springer Proceedings in Physics,156,75,</p> <p>77. "Composition, structure and tribotechnical properties of TiN, MoN single-layer and TiN/MoN multilayer coatings", <b>2015</b>, Journal of Superhard Materials,37,1,27,</p> <p>78. "Structure, substructure, hardness and adhesion strength of multiperiod composite coatings MoN/CrN", <b>2015</b>, Journal of Nano- and Electronic Physics,7,4,4050,</p> <p>79. Properties of superhard (Zr-Ti-Cr-Nb)N nanocoatings, <b>2014</b>, "CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6959624,771,</p> <p>80. Influence of residual gas pressure and ion implantation on the properties of</p>		<p><b>2015</b>,163,</p> <p>63. Influence Of The Structure And Elemental Composition On The Physical And Mechanical Properties Of (Tizrhfvnb)N Nanostructured Coatings,Advanced Processing And Manufacturing Technologies For Nanostructured And Multifunctional Materials, <b>2015</b>,173,</p> <p>64. Mechanical Properties Of Multilayered Coatings Mon/Crn Obtained By Means Of Vacuum-Arc Deposition Method,East European Journal Of Physics, <b>2015</b>,2,3,22,</p> <p>65. Tribological Characteristics And Mechanical Properties Of Multilayer Vacuum-Arc Coatings Tin/Zrn,Problems Of Atomic Science And Technology, <b>2015</b>,5,70,</p> <p>66. The Structure And Properties Of High-Entropy Alloys And Nitride Coatings Based On Them,Russian Chemical Reviews, <b>2014</b>,83,11,1027,</p> <p>67. "Microstructure, Physical And Chemical Properties Of Nanostructured (Ti-Hf-Zr-V-Nb)N Coatings Under Different Deposition Conditions",Materials Chemistry And Physics, <b>2014</b>,147,3,1079,</p> <p>68. The Effect Of Nanolayer Thickness On The Structure And Properties Of Multilayer Tin/Mon Coatings,Technical Physics Letters, <b>2014</b>,40,3,215,</p> <p>69. Structure And Properties Of Multi Layer Nanostructured Coatings Tin/Mon Depending On Deposition Conditions,Acta Physica Polonica A, <b>2014</b>,125,6,1280,</p> <p>70. High Temperature Annealing Of Ion-Plasma Nanostructured Coatings Based On Aln-Tib<sub>2</sub>(Tisi<sub>2</sub>),Acta Physica Polonica A, <b>2014</b>,125,6,1284,</p> <p>71. Protection Of Specimens Against Friction And Wear Using Titanium-Based Multicomponent Nanocomposite Coatings: A Review,Journal Of Friction And Wear, <b>2014</b>,35,1,55,</p> <p>72. "Comparison Of Tribological Characteristics Of Nanostructured Tin, Mon, And Tin/Mon Arc-Pvd Coatings",Journal Of Friction And Wear, <b>2014</b>,35,5,374,</p> <p>73. Tribological Characteristics Of (Tizrhfvnbta)N Coatings Applied Using The Vacuum Arc Deposition Method,Journal Of Friction And Wear, <b>2014</b>,35,5,359,</p> <p>74. Influence Of The Phase And Elemental Compositions And Defect Structure On The Physicomechanical Properties And Tribotechnical Characteristics Of Nanostructural Ti-Hf-Si-N Coatings,Technical Physics, <b>2014</b>,59,1,85,</p> <p>75. Aln-(Ticr)B-2 Ion-Plasma Coating For Cutting Tools Of Cbn-Based Polycrystalline Superhard Material,Journal Of Superhard Materials, <b>2014</b>,36,3,208,</p> <p>76. Superhard Coatings Of The (Zr-Ti-Si)N And (Ti-Hf-Si)N Systems Produced By Vacuum-Arc Deposition From A Separated Flow,Journal Of Superhard Materials, <b>2014</b>,36,1,29,</p> <p>77. Aln-Tib<sub>2</sub>-Tisi<sub>2</sub> Coatings Obtained By Pulsed Magnetron Sputtering,Technical Physics, <b>2014</b>,59,8,1220,</p> <p>78. Influence Of Deposition Parameters And Thermal Annealing On The Structure And Properties Of Nitride Coatings (Tihfzrvnb)N,Acta Physica Polonica A, <b>2014</b>,125,6,1296,</p> <p>79. Studying Tribological Characteristics Of Alumina- And Zirconia-Based Ceramics,Journal Of Friction And Wear, <b>2014</b>,35,2,137,</p>
--	--	--	--	--	--

			<p>nitride high-entropy alloys (TiZrAlYNb)N, <b>2014</b>, "CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6959613,744,</p> <p>81. "Microstructure, physical and chemical properties of nanostructured (Ti-Hf-Zr-V-Nb)N coatings under different deposition conditions", <b>2014</b>, Materials Chemistry and Physics,147,3,1079,</p> <p>82. Condensation of silicide films from pure components, <b>2014</b>, Problems of Atomic Science and Technology,89,1,180,</p> <p>83. "Structure and physical and mechanical properties of nanocomposite coatings of the system (Zr-Ti-Cr-Nb)N, obtained by vacuum-arc evaporation method", <b>2014</b>, Problems of Atomic Science and Technology,89,1,88,</p> <p>84. Influence of the phase and elemental compositions and defect structure on the physicochemical properties and tribotechnical characteristics of nanostructural Ti-Hf-Si-N coatings, <b>2014</b>, Technical Physics,59,1,85,</p> <p>85. The structure and properties of high-entropy alloys and nitride coatings based on them, <b>2014</b>, Russian Chemical Reviews,83,11,1027,</p> <p>86. Protection of specimens against friction and wear using titanium-based multicomponent nanocomposite coatings: A review, <b>2014</b>, Journal of Friction and Wear,35,1,55,</p> <p>87. Tribotechnical properties of the coatings (Ti-Zr-Nb)N, <b>2014</b>, Journal of Nano- and Electronic Physics,6,4,4011,</p> <p>88. AlN-(TiCr)B<sub>2</sub> ion-plasma coating for cutting tools of cBN-based polycrystalline superhard material, <b>2014</b>, Journal of Superhard Materials,36,3,208,</p> <p>89. Studying tribological characteristics of alumina- and zirconia-based ceramics, <b>2014</b>, Journal of Friction and Wear,35,2,137,</p> <p>90. Tribological characteristics of (TiZrHfVNbTa)N coatings applied using the vacuum arc deposition method, <b>2014</b>, Journal of Friction and Wear,35,5,359,</p> <p>91. Superhard coatings of the (Zr-Ti-Si)N and (Ti-Hf-Si)N systems produced by vacuum-arc deposition from a separated flow, <b>2014</b>, Journal of Superhard Materials,36,1,29,</p> <p>92. "Effect of temperature on distribution of elements and surface morphology in the (Ti, Hf)N-coating/Si-substrate system", <b>2014</b>, Problems of Atomic Science and Technology,90,2,149,</p> <p>93. The effect of nanolayer thickness on the structure and properties of multilayer TiN/MoN coatings, <b>2014</b>, Technical Physics Letters,40,3,215,</p> <p>94. Formation of biphasic state in vacuum-arc coatings obtained by evaporation of Ti-Al-Zr-Nb-Y alloy in the atmosphere of nitrogen, <b>2014</b>, Journal of Nano- and Electronic Physics,6,1,1030,</p> <p>95. Influence of the structure and elemental composition on the physical and mechanical properties of (TiZrHfVNb)N nanostructured coatings, <b>2014</b>, Ceramic Engineering and Science Proceedings,35,6,173,</p> <p>96. Structure and properties of multilayer nanostructured coatings TiN/MoN depending on deposition conditions, <b>2014</b>, Acta Physica Polonica A,125,6,1280,</p> <p>97. High temperature annealing of ion-plasma nanostructured coatings based on AlN-TiB<sub>2</sub>(TiSi<sub>2</sub>), <b>2014</b>, Acta Physica Polonica A,125,6,1284,</p>	<p>80. Structure And Properties Of Arc Evaporated Nanoscale Tin/Mon Multilayered Systems,5th International Conference Radiation Interaction With Materials: Fundamentals And Applications 2014, <b>2014</b>,21,</p> <p>81. Influence Of Residual Gas Pressure On The Properties Of Nitride High-Entropy Alloys (Tizralynb)N,5th International Conference Radiation Interaction With Materials: Fundamentals And Applications 2014, <b>2014</b>,222,</p> <p>82. Obtaining Of Superhard (Zr-Ti-Cr-Nb)N Coatings And Their Research Using X-Ray Methods,5th International Conference Radiation Interaction With Materials: Fundamentals And Applications 2014, <b>2014</b>,354,</p> <p>83. "Effect Of Temperature On Distribution Of Elements And Surface Morphology In The (Ti, Hf)N-Coating/Si-Substrate System",Problems Of Atomic Science And Technology, <b>2014</b>,2,149,</p> <p>84. "Structure And Physical And Mechanical Properties Of Nanocomposite Coatings Of The System (Zr-Ti-Cr-Nb)N, Obtained By Vacuum-Arc Evaporation Method",Problems Of Atomic Science And Technology, <b>2014</b>,1,88,</p> <p>85. Condensation Of Silicide Films From Pure Components,Problems Of Atomic Science And Technology, <b>2014</b>,1,180,</p> <p>86. Influence Of Residual Gas Pressure And Ion Implantation On The Properties Of Nitride High-Entropy Alloys (Tizraiynb)N,2014 24th International Crimean Conference Microwave &amp; Telecommunication Technology (Crimico), <b>2014</b>,744,</p> <p>87. Properties Of Superhard (Zr-Ti-Cr-Nb)N Nanocoatings,2014 24th International Crimean Conference Microwave &amp; Telecommunication Technology (Crimico), <b>2014</b>,771,</p> <p>88. Shape Memory Effect And Superelasticity Of Titanium Nickelide Alloys Implanted With High Ion Doses,Russian Chemical Reviews, <b>2013</b>,82,12,1135,</p> <p>89. "The Effect Of The Deposition Parameters Of Nitrides Of High-Entropy Alloys (Tizrhfvnb)N On Their Structure, Composition, Mechanical And Tribological Properties",Journal Of Superhard Materials, <b>2013</b>,35,6,356,</p> <p>90. Vacuum-Plasma Coatings Based On The Multielement Nitrides,Metallofizika I Noveishie Tekhnologii, <b>2013</b>,35,8,1061,</p> <p>91. Analysis Of Local Regions Near Interfaces In Nanostructured Multicomponent (Ti-Zr-Hf-V-Nb)N Coatings Produced By The Cathodic-Arc-Vapor-Deposition From An Arc Of An Evaporating Cathode,Physics Of Metals And Metallography, <b>2013</b>,114,8,672,</p> <p>92. Formation Of Superhard Ti-Hf-Si-N/Nbn/Al<sub>2</sub>O<sub>3</sub> Multilayer Coatings For Highly Effective Protection Of Steel,Technical Physics Letters, <b>2013</b>,39,2,189,</p> <p>93. "Multicomponent (Ti-Zr-Hf-V-Nb)N Nanostructure Coatings Fabrication, High Hardness And Wear Resistance",Acta Physica Polonica A, <b>2013</b>,123,5,816,</p> <p>94. The Effect Of Segregation And Thermodiffusion On The Formation Of Interfaces In Nanostructured (Ti-Hf-Zr-V-Nb)N Multielement Coatings,Technical Physics Letters, <b>2013</b>,39,3,280,</p> <p>95. "Tribological Characteristics Of Nanocomposite Vacuum-Plasma Ti-Hf, Ti-Hf-N, And Ti-Hf-Si-N Coatings",Journal Of Friction And Wear,</p>
--	--	--	--	--



			<p>98. Influence of deposition parameters and thermal annealing on the structure and properties of nitride coatings (TiHfZrVNb)N, <b>2014</b>, Acta Physica Polonica A,125,6,1296,</p> <p>99. AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> coatings obtained by pulsed magnetron sputtering, <b>2014</b>, Technical Physics,59,8,1220,</p> <p>100. "Comparison of tribological characteristics of nanostructured TiN, MoN, and TiN/MoN Arc-PVD coatings", <b>2014</b>, Journal of Friction and Wear,35,5,374,</p> <p>101. Investigation of multilayer superhard Ti-Hf-Si-N/NbN/Al<sub>2</sub>O<sub>3</sub> coatings for high performance protection, <b>2014</b>, Ceramic Engineering and Science Proceedings,35,6,163,</p> <p>102. Modification of the stress-strain state for multicomponent (Ti-Zr-Hf-V-Nb)N nanostructured coatings by annealing at 600 °C, <b>2013</b>, "CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6653068,798,</p> <p>103. Investigation of multilayer nanostructured TiN/MoN coatings with different thicknesses of monolayers and their formation using C-PVD, <b>2013</b>, "CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6653100,865,</p> <p>104. Influence of deposition and annealing parameters on phase-elemental composition of high entropy alloys nitrides (Ti-Zr-Hf-V-Nb)N, <b>2013</b>, "CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6653070,802,</p> <p>105. Properties of AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> coating system obtained by magnetron sputtering, <b>2013</b>, "CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6653080,824,</p> <p>106. "The effect of the deposition parameters of nitrides of high-entropy alloys (TiZrHfVNb)N on their structure, composition, mechanical and tribological properties", <b>2013</b>, Journal of Superhard Materials,35,6,356,</p> <p>107. Investigation of (Ti-Zr-Hf-V-Nb)N Multicomponent Nanostructured Coatings before and after Thermal Annealing by Nuclear Physics Methods of Analysis, <b>2013</b>, Russian Physics Journal,56,5,532,</p> <p>108. Vacuum-plasma coatings based on the multielement nitrides, <b>2013</b>, Metallofizika i Noveishie Tekhnologii,35,8,1061,</p> <p>109. Analysis of local regions near interfaces in nanostructured multicomponent (Ti-Zr-Hf-V-Nb)N coatings produced by the cathodic-arc-vapor-deposition from an arc of an evaporating cathode, <b>2013</b>, Physics of Metals and Metallography,114,8,672,</p> <p>110. Physical-mechanical properties of superhard nanocomposite coatings on base Zr-Ti-Si-N, <b>2013</b>, Medziagotyra,19,2,140,</p> <p>111. "Tribological characteristics of nanocomposite vacuum-plasma Ti-Hf, Ti-Hf-N, and Ti-Hf-Si-N coatings", <b>2013</b>, Journal of Friction and Wear,34,3,175,</p> <p>112. "Multicomponent (Ti-Zr-Hf-V-Nb)N nanostructure coatings fabrication, high hardness and wear resistance", <b>2013</b>, Acta Physica Polonica A,123,5,816,</p>		<p><b>2013</b>,34,3,175,</p> <p>96. Formation Of Multilayered Ti-Hf-Si-N/Nbn/Al<sub>2</sub>O<sub>3</sub> Coatings With High Physical And Mechanical Properties,Acta Physica Polonica A, <b>2013</b>,123,5,813,</p> <p>97. Investigation Of (Ti-Zr-Hf-V-Nb)N Multicomponent Nanostructured Coatings Before And After Thermal Annealing By Nuclear Physics Methods Of Analysis,Russian Physics Journal, <b>2013</b>,56,5,532,</p> <p>98. "Ion-Plasma Coating Aln-Tib<sub>2</sub>-Tisi<sub>2</sub> Systems, Obtaining And Properties",Problems Of Atomic Science And Technology, <b>2013</b>,2,144,</p> <p>99. "Adhesive Strength, Superhardness, And The Phase And Elemental Compositions Of Nanostructured Coatings Based On Ti-Hf-Si-N",Physics Of The Solid State, <b>2012</b>,54,9,1882,</p> <p>100.Effect Of Thermal Annealing In Vacuum And In Air On Nanograin Sizes In Hard And Superhard Coatings Zr-Ti-Si-N,Journal Of Nanoscience And Nanotechnology, <b>2012</b>,12,12,9213,</p> <p>101.Effect Of Mass Transfer And Segregation On The Formation Of Superhard Nanostructured Ti-Hf-N(Fe) Catings,Technical Physics Letters, <b>2012</b>,38,7,623,</p> <p>102."Hard Nanocomposite Coatings, Their Structure And Properties",Nanocomposites - New Trends And Developments, <b>2012</b>,123,</p> <p>103."Adhesive Strength And Physical, Mechanical, And Triboengineering Properties Of Nano- And Microstructural Al<sub>2</sub>O<sub>3</sub> Coatings",Journal Of Friction And Wear, <b>2012</b>,33,3,195,</p> <p>104.Triboengineering Properties Of Nanocomposite Coatings Ti-Zr-Si-N Deposited By Ion Plasma Method,Journal Of Friction And Wear, <b>2012</b>,33,3,167,</p> <p>105.Effect Of Deposition Parameters On The Superhardness And Stoichiometry Of Nanostructured Ti-Hf-Si-N Films,Russian Physics Journal, <b>2012</b>,54,11,1218,</p> <p>106.Physicochemical And Mechanical Properties Of Nanostructured Nitride Coatings,Metallofizika I Noveishie Tekhnologii, <b>2012</b>,34,2,137,</p> <p>107."Multycomponent (Ti-Zr-Hf-V-Nb)N Nanostructure Coatings Fabrication, Their Properties And Structure",Radiation Interaction With Material And Its Use In Technologies 2012, <b>2012</b>,65,</p> <p>108."Nano- And Microstructured Al<sub>2</sub>O<sub>3</sub> And Zr<sub>2</sub>O<sub>3</sub> Coatings, Their Structure And Properties",Radiation Interaction With Material And Its Use In Technologies 2012, <b>2012</b>,181,</p> <p>109.Properties Of Nanostructured Coatings Ti-Hf-N (Fe),Radiation Interaction With Material And Its Use In Technologies 2012, <b>2012</b>,502,</p> <p>110.Concrete Of Biological Shielding For Nuclear Reactors Rbpc,Problems Of Atomic Science And Technology, <b>2012</b>,2,73,</p>
--	--	--	---	--	---

			<p>113. Formation of multilayered Ti-Hf-Si-N/NbN/Al<sub>2</sub>O<sub>3</sub> coatings with high physical and mechanical properties, <b>2013</b>, Acta Physica Polonica A,123,5,813,</p> <p>114. The effect of segregation and thermodiffusion on the formation of interfaces in nanostructured (Ti-Hf-Zr-V-Nb)N multielement coatings, <b>2013</b>, Technical Physics Letters,39,3,280,</p> <p>115. "Ion-plasma coating AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> systems, obtaining and properties", <b>2013</b>, Problems of Atomic Science and Technology,2,144,</p> <p>116. Formation of superhard Ti-Hf-Si-N/NbN/Al<sub>2</sub>O<sub>3</sub> multilayer coatings for highly effective protection of steel, <b>2013</b>, Technical Physics Letters,39,2,189,</p> <p>117. Shape memory effect and superelasticity of titanium nickelide alloys implanted with high ion doses, <b>2013</b>, Russian Chemical Reviews,82,12,1135,</p> <p>118. Nanocoatings nanosystems nanotechnologies, <b>2012</b>, Nanocoatings Nanosystems Nanotechnologies,,147</p> <p>119. Effect of thermal annealing in vacuum and in air on nanograin sizes in hard and superhard coatings Zr-Ti-Si-N, <b>2012</b>, Journal of Nanoscience and Nanotechnology,12,12,9213,</p> <p>120. "Multycomponent (Ti-Zr-Hf-V-Nb)N nanostructure coatings fabrication, their properties and structure", <b>2012</b>, "CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6336150,691,</p> <p>121. Effect of mass transfer and segregation on the formation of superhard nanostructured Ti-Hf-N(Fe) catings, <b>2012</b>, Technical Physics Letters,38,7,623,</p> <p>122. "Adhesive strength, superhardness, and the phase and elemental compositions of nanostructured coatings based on Ti-Hf-Si-N", <b>2012</b>, Physics of the Solid State,54,9,1882,</p> <p>123. "Physical and mechanical properties, effect of thermal annealing in vacuum and in air on nanograin sizes in hard and superhard coatings Zr-Ti-Si-N [Fizyczne i mechaniczne właściwości, wpływ wygrzewania w próżni i w powietrzu na nanorozmiarowe ziarna w twardych i supertwardych powłokach Zr-Ti-Si-N]", <b>2012</b>, Przegląd Elektrotechniczny,88,7:00 AM,315,</p> <p>124. "Adhesive strength and physical, mechanical, and triboengineering properties of nano- and microstructural Al<sub>2</sub>O<sub>3</sub> coatings", <b>2012</b>, Journal of Friction and Wear,33,3,195,</p> <p>125. Triboengineering properties of nanocomposite coatings Ti-Zr-Si-N deposited by ion plasma method, <b>2012</b>, Journal of Friction and Wear,33,3,167,</p> <p>126. Concrete of biological shielding for nuclear reactors RBPC, <b>2012</b>, Problems of Atomic Science and Technology,2,73,</p> <p>127. Effect of deposition parameters on the superhardness and stoichiometry of nanostructured Ti-Hf-Si-N films, <b>2012</b>, Russian Physics Journal,54,11,1218,</p> <p>128. Physicochemical and mechanical properties of nanostructured nitride coatings, <b>2012</b>, Metallofizika i Noveishie Tekhnologii,34,2,137,</p>		
--	--	--	---	--	--

Фізико-технічний	Кафедра ядерної та медичної фізики	Горбенко Галина Петрівна	29	<ol style="list-style-type: none"> <li>1. Lipid Bilayer Interactions of Amyloidogenic N-Terminal Fragment of Apolipoprotein A-I Probed by Förster Resonance Energy Transfer and Molecular Dynamics Simulations, <b>2018</b>, Journal of Fluorescence,28,5,1037</li> <li>2. Molecular dynamics simulations of lysozyme–lipid systems: probing the early steps of protein aggregation, <b>2018</b>, Journal of Biomolecular Structure and Dynamics,36,9,2249</li> <li>3. Förster Resonance Energy Transfer Study of Cytochrome c—Lipid Interactions, <b>2018</b>, Journal of Fluorescence,28,1,79</li> <li>4. Liposomal Co-Encapsulation of Two Novel Europium Complexes and Doxorubicin: Fluorescence Study, <b>2017</b>, Journal of Fluorescence,27,4,1359</li> <li>5. Fluorescence study of the effect of the oxidized phospholipids on amyloid fibril formation by the apolipoprotein A-I N-terminal fragment, <b>2017</b>, Chemical Physics Letters,688,1</li> <li>6. Aggregation behavior of novel heptamethine cyanine dyes upon their binding to native and fibrillar lysozyme, <b>2017</b>, Molecular BioSystems,13,5,970</li> <li>7. Fluorescence monitoring of the effect of oxidized lipids on the process of protein fibrillization, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34008,</li> <li>8. Novel benzanthrone probes for membrane and protein studies, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34007,</li> <li>9. Combined thioflavin T-Congo red fluorescence assay for amyloid fibril detection, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34010,</li> <li>10. Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic characterization in presence of biological molecules, <b>2016</b>, Journal of Photochemistry and Photobiology A: Chemistry,328,87</li> <li>11. Novel asymmetric monomethine cyanine dyes derived from sulfobetaine benzothiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA, <b>2016</b>, Dyes and Pigments,130,122</li> <li>12. Probing protein-lipid interactions by FRET between membrane fluorophores, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34014,</li> <li>13. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects, <b>2016</b>, Journal of Fluorescence,26,1,177</li> <li>14. FRET evidence for untwisting of amyloid fibrils on the surface of model membranes, <b>2015</b>, Soft Matter,11,31,6223</li> <li>15. Thioflavin T derivatives for the characterization of insulin and lysozyme amyloid fibrils in vitro: Fluorescence and quantum-chemical studies, <b>2015</b>, Journal of Luminescence,159,284</li> <li>16. Interactions of lipid membranes with fibrillar protein aggregates, <b>2015</b>, Advances in Experimental Medicine and Biology,855,135</li> <li>17. Membrane effects of N-terminal fragment of apolipoprotein A-I: A fluorescent probe study, <b>2015</b>, Journal of Fluorescence,25,2,253</li> <li>18. Structural aspects of cytochrome c-cardiolipin interactions: Förster resonance energy transfer study, <b>2014</b>, "Cytochromes b and c: Biochemical Properties, Biological Functions and Electrochemical Analysis",173</li> <li>19. Newly synthesized benzanthrone derivatives as prospective fluorescent membrane probes, <b>2014</b>, Journal of Luminescence,146,307</li> </ol>	38	<ol style="list-style-type: none"> <li>1. Molecular Dynamics Simulations Of Lysozyme-Lipid Systems: Probing The Early Steps Of Protein Aggregation,Journal Of Biomolecular Structure &amp; Dynamics, <b>2018</b>,36,9,2249,</li> <li>2. Lipid Bilayer Interactions Of Amyloidogenic N-Terminal Fragment Of Apolipoprotein A-I Probed By Forster Resonance Energy Transfer And Molecular Dynamics Simulations,Journal Of Fluorescence, <b>2018</b>,28,5,1037,</li> <li>3. Novel Cyanine Dyes As Potential Amyloid Probes: A Fluorescence Study,East European Journal Of Physics, <b>2018</b>,5,1,41,</li> <li>4. Modelization Of Amyloid Fibril Self-Assembly,East European Journal Of Physics, <b>2018</b>,5,1,47,</li> <li>5. Forster Resonance Energy Transfer Study Of Cytochrome C-Lipid Interactions,Journal Of Fluorescence, <b>2018</b>,28,1,79,</li> <li>6. Aggregation Behavior Of Novel Heptamethine Cyanine Dyes Upon Their Binding To Native And Fibrillar Lysozyme,Molecular Biosystems, <b>2017</b>,13,5,970,</li> <li>7. Fluorescence Study Of The Effect Of The Oxidized Phospholipids On Amyloid Fibril Formation By The Apolipoprotein A-I N-Terminal Fragment,Chemical Physics Letters, <b>2017</b>,688,1,</li> <li>8. Liposomal Co-Encapsulation Of Two Novel Europium Complexes And Doxorubicin: Fluorescence Study,Journal Of Fluorescence, <b>2017</b>,27,4,1359,</li> <li>9. Spectral Behavior Of Indicator Dyes In The Model Protein - Lipid Systems,East European Journal Of Physics, <b>2017</b>,4,4,18,</li> <li>10. Thioflavin T Binding To The Model Fibrils Of Lysozyme: The Effects Of Fibril Twisting,East European Journal Of Physics, <b>2017</b>,4,4,30,</li> <li>11. Effect Of Amyloid Fibrils On Electrokinetic Properties Of Lipid Vesicles,East European Journal Of Physics, <b>2017</b>,4,2,19,</li> <li>12. Molecular Dynamics Study Of Cytochrome C - Lipid Complexes,East European Journal Of Physics, <b>2017</b>,4,3,54,</li> <li>13. Auramine O As Potential Amyloid Marker: Fluorescence And Molecular Docking Studies,East European Journal Of Physics, <b>2017</b>,4,3,63,</li> <li>14. Novel Asymmetric Monomethine Cyanine Dyes Derived From Sulfobetaine Benzothiazolium Moiety As Potential Fluorescent Dyes For Non-Covalent Labeling Of Dna,Dyes And Pigments, <b>2016</b>,130,122,</li> <li>15. Combined Thioflavin T-Congo Red Fluorescence Assay For Amyloid Fibril Detection,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34010</li> <li>16. Novel Synthetic Approach To Near-Infrared Heptamethine Cyanine Dyes And Spectroscopic Characterization In Presence Of Biological Molecules,Journal Of Photochemistry And Photobiology A-Chemistry, <b>2016</b>,328,87,</li> <li>17. Novel Benzanthrone Probes For Membrane And,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34007</li> <li>18. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach And Studies On Photophysical Properties Upon Interaction With Bio-Objects,Journal Of Fluorescence, <b>2016</b>,26,1,177,</li> <li>19. Probing Protein-Lipid Interactions By Fret Between Membrane</li> </ol>
------------------	------------------------------------	--------------------------	----	--	----	---

				<p>20. Fluorescence investigation of interactions between novel benzanthrone dyes and lysozyme amyloid fibrils, <b>2014</b>, Journal of Fluorescence,24,2,493</p> <p>21. Location of novel benzanthrone dyes in model membranes as revealed by resonance energy transfer, <b>2014</b>, Journal of Fluorescence,24,3,899</p> <p>22. Interaction of Thioflavin T with amyloid fibrils of apolipoprotein A-I N-terminal fragment: Resonance energy transfer study, <b>2014</b>, Journal of Structural Biology,185,1,116</p> <p>23. Fluorescence study of the membrane effects of aggregated lysozyme, <b>2013</b>, Journal of Fluorescence,23,6,1229</p> <p>24. Europium coordination complexes as potential anticancer drugs: Their partitioning and permeation into lipid bilayers as revealed by pyrene fluorescence quenching, <b>2013</b>, Journal of Fluorescence,23,1,193</p> <p>25. The effect of lysozyme amyloid fibrils on cytochrome c-lipid interactions, <b>2012</b>, Chemistry and Physics of Lipids,165,7,769</p> <p>26. Fluorescence study on aggregated lysozyme and lipid bilayer interactions, <b>2012</b>, Journal of Photochemistry and Photobiology B: Biology,113,51</p> <p>27. Novel benzanthrone aminoderivatives for membrane studies, <b>2012</b>, Journal of Fluorescence,22,3,953</p> <p>28. Novel aminobenzanthrone dyes for amyloid fibril detection, <b>2012</b>, Chemical Physics Letters,532,110</p> <p>29. Membrane effects of lysozyme amyloid fibrils, <b>2012</b>, Chemistry and Physics of Lipids,165,3,331</p>		<p>Fluorophores,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34014</p> <p>20. Fluorescence Monitoring Of The Effect Of Oxidized Lipids On The Process Of Protein Fibrillization,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34008</p> <p>21. Novel Fluorescent Near-Infrared Agent For Biomedical Applications,East European Journal Of Physics, <b>2016</b>,3,3,25,</p> <p>22. Thioflavin T Derivatives For The Characterization Of Insulin And Lysozyme Amyloid Fibrils In Vitro: Fluorescence And Quantum-Chemical Studies,Journal Of Luminescence, <b>2015</b>,159,284,</p> <p>23. Membrane Effects Of N-Terminal Fragment Of Apolipoprotein A-I: A Fluorescent Probe Study,Journal Of Fluorescence, <b>2015</b>,25,2,253,</p> <p>24. Fret Evidence For Untwisting Of Amyloid Fibrils On The Surface Of Model Membranes,Soft Matter, <b>2015</b>,11,31,6223,</p> <p>25. Interactions Of Lipid Membranes With Fibrillar Protein Aggregates,Lipids In Protein Misfolding, <b>2015</b>,855,135,</p> <p>26. Newly Synthesized Benzanthrone Derivatives As Prospective Fluorescent Membrane Probes,Journal Of Luminescence, <b>2014</b>,146,307,</p> <p>27. Interaction Of Thioflavin T With Amyloid Fibrils Of Apolipoprotein A-I N-Terminal Fragment: Resonance Energy Transfer Study,Journal Of Structural Biology, <b>2014</b>,185,1,116,</p> <p>28. Fluorescence Investigation Of Interactions Between Novel Benzanthrone Dyes And Lysozyme Amyloid Fibrils,Journal Of Fluorescence, <b>2014</b>,24,2,493,</p> <p>29. Location Of Novel Benzanthrone Dyes In Model Membranes As Revealed By Resonance Energy Transfer,Journal Of Fluorescence, <b>2014</b>,24,3,899,</p> <p>30. Europium Coordination Complexes As Potential Anticancer Drugs: Their Partitioning And Permeation Into Lipid Bilayers As Revealed By Pyrene Fluorescence Quenching,Journal Of Fluorescence, <b>2013</b>,23,1,193,</p> <p>31. Fluorescence Study Of The Membrane Effects Of Aggregated Lysozyme,Journal Of Fluorescence, <b>2013</b>,23,6,1229,</p> <p>32. Thioflavin T Binding To Fibrillar Variants Of Apolipoprotein A-I N-Terminal Fragment,European Biophysics Journal With Biophysics Letters, <b>2013</b>,42,S188,</p> <p>33. In Vitro Characterization Of Amyloid Fibrils With Novel Aminobenzanthrone Dyes,European Biophysics Journal With Biophysics Letters, <b>2013</b>,42,S72,</p> <p>34. Novel Benzanthrone Aminoderivatives For Membrane Studies,Journal Of Fluorescence, <b>2012</b>,22,3,953,</p> <p>35. Novel Aminobenzanthrone Dyes For Amyloid Fibril Detection,Chemical Physics Letters, <b>2012</b>,532,110,</p> <p>36. The Effect Of Lysozyme Amyloid Fibrils On Cytochrome C-Lipid Interactions,Chemistry And Physics Of Lipids, <b>2012</b>,165,7,769,</p> <p>37. Fluorescence Study On Aggregated Lysozyme And Lipid Bilayer Interactions,Journal Of Photochemistry And Photobiology B-Biology, <b>2012</b>,113,51,</p> <p>38. Membrane Effects Of Lysozyme Amyloid Fibrils, <b>2012</b>, Chemistry And Physics Of Lipids,165,3,331</p>
Фізико-	Кафедра	Гірка Ігор	38	1. Higher radial modes of azimuthal surface waves in magnetoactive	33	1. Excitation Of Higher Radial Modes Of Azimuthal Surface Waves In The

технічний	прикладної фізики та фізики плазми	Олександрович	<p>cylindrical plasma waveguides, <b>2018</b>, Journal of Plasma Physics,84,6,905840603,</p> <ol style="list-style-type: none"> <li>2. Two mechanisms of resonance overlapping in excitation of azimuthal surface waves by rotating relativistic electron beams, <b>2018</b>, Physics of Plasmas,25,5,52111,</li> <li>3. Excitation of higher radial modes of azimuthal surface waves in the electron cyclotron frequency range by rotating relativistic flow of electrons in cylindrical waveguides partially filled by plasmas, <b>2018</b>, Physics of Plasmas,25,5,52109,</li> <li>4. Discretized collision operator for simulations of fusion non-maxwellian plasma relaxation, <b>2018</b>, Problems of Atomic Science and Technology,118,6,101</li> <li>5. Charging of a macroparticle in cathodic arc sheath, <b>2018</b>, Problems of Atomic Science and Technology,116,4,176</li> <li>6. Efficiency of the dose rate calculation by monte-carlo method and point kernel method when handling radioactive waste, <b>2018</b>, Problems of Atomic Science and Technology,114,2,63</li> <li>7. Electromagnetic surface wave excitation and energy transport along a plane plasma boundary, <b>2018</b>, Problems of Atomic Science and Technology,118,6,105</li> <li>8. Transition between Beam-Plasma and Beam-Dissipative Instability Regimes in the Interaction of Relativistic Large Larmor Orbit Electron Beams and Azimuthal Surface Waves above the Upper-Hybrid Frequency in Coaxial Plasma Waveguides, <b>2017</b>, IEEE Transactions on Plasma Science,45,8,7981357,2208</li> <li>9. Excitation of electromagnetic waves above the upper-hybrid frequency by internal gyrating electron beam in a coaxial waveguide, <b>2017</b>, IEEE Transactions on Plasma Science,45,4,7875433,623</li> <li>10. Higher radial modes of azimuthal surface waves in cylindrical waveguides without external magnetic field, <b>2017</b>, Progress In Electromagnetics Research M,54,1</li> <li>11. Contribution of radionuclides to heat release in the process of SNF dry storage, <b>2017</b>, Problems of Atomic Science and Technology,108,2,91</li> <li>12. Excitation of azimuthal surface waves in the electron cyclotron frequency range by a rotating electron beam in presence of dissipation, <b>2016</b>, Physics of Plasmas,23,12,122124,</li> <li>13. Excitation of Azimuthal Surface Waves Above the Upper-Hybrid Frequency by External Relativistic Flows of Electrons in Coaxial Plasma-Vacuum Waveguide, <b>2016</b>, IEEE Transactions on Plasma Science,44,11,7589971,2859</li> <li>14. Transport of a macroparticle in vacuum arc sheath, <b>2016</b>, IEEE Transactions on Plasma Science,44,7,7486120,1050</li> <li>15. Instability of surface electron cyclotron TM-modes influenced by non-monochromatic alternating electric field, <b>2016</b>, Physics of Plasmas,23,6,62106,</li> <li>16. Irradiation Dose Minimization by Optimizing the Arrangement of Radiation Sources of Different Intensity, <b>2016</b>, Atomic Energy,119,4,285</li> <li>17. Influence of certain radionuclides on outer radiation of spent nuclear fuel at dry storage, <b>2016</b>, Problems of Atomic Science and Technology,105,5,48</li> </ol>		<p>Electron Cyclotron Frequency Range By Rotating Relativistic Flow Of Electrons In Cylindrical Waveguides Partially Filled By Plasmas,Physics Of Plasmas, <b>2018</b>,25,5,52109</p> <ol style="list-style-type: none"> <li>2. Higher Radial Modes Of Azimuthal Surface Waves In Magnetoactive Cylindrical Plasma Waveguides,Journal Of Plasma Physics, <b>2018</b>,84,6,905840603</li> <li>3. Two Mechanisms Of Resonance Overlapping In Excitation Of Azimuthal Surface Waves By Rotating Relativistic Electron Beams,Physics Of Plasmas, <b>2018</b>,25,5,52111</li> <li>4. Discretized Collision Operator For Simulations Of Fusion Non-Maxwellian Plasma Relaxation,Problems Of Atomic Science And Technology, <b>2018</b>,6,101,</li> <li>5. Electromagnetic Surface Wave Excitation And Energy Transport Along A Plane Plasma Boundary,Problems Of Atomic Science And Technology, <b>2018</b>,6,105,</li> <li>6. Charging Of A Macroparticle In Cathodic Arc Sheath,Problems Of Atomic Science And Technology, <b>2018</b>,4,176,</li> <li>7. Mykola Fedorovych Shul'ga(70the Anniversary Of Birth),East European Journal Of Physics, <b>2018</b>,5,1,102,</li> <li>8. Efficiency Of The Dose Rate Calculation By Monte-Carlo Method And Point Kernel Method When Handling Radioactive Waste,Problems Of Atomic Science And Technology, <b>2018</b>,2,63,</li> <li>9. Excitation Of Electromagnetic Waves Above The Upper-Hybrid Frequency By Internal Gyating Electron Beam In A Coaxial Waveguide,Ieee Transactions On Plasma Science, <b>2017</b>,45,4,623,</li> <li>10. Higher Radial Modes Of Azimuthal Surface Waves In Cylindrical Waveguides Without External Magnetic Field,Progress In Electromagnetics Research M, <b>2017</b>,54,1,</li> <li>11. Transition Between Beam-Plasma And Beam-Dissipative Instability Regimes In The Interaction Of Relativistic Large Larmor Orbit Electron Beams And Azimuthal Surface Waves Above The Upper-Hybrid Frequency In Coaxial Plasma Waveguides,Ieee Transactions On Plasma Science, <b>2017</b>,45,8,2208,</li> <li>12. Contribution Of Radionuclides To Heat Release In The Process Of Snf Dry Storage,Problems Of Atomic Science And Technology, <b>2017</b>,2,91,</li> <li>13. Excitation Of Azimuthal Surface Waves Above The Upper-Hybrid Frequency By External Relativistic Flows Of Electrons In Coaxial Plasma-Vacuum Waveguide,Ieee Transactions On Plasma Science, <b>2016</b>,44,11,2859,</li> <li>14. Excitation Of Azimuthal Surface Waves In The Electron Cyclotron Frequency Range By A Rotating Electron Beam In Presence Of Dissipation,Physics Of Plasmas, <b>2016</b>,23,12,122124</li> <li>15. Transport Of A Macroparticle In Vacuum Arc Sheath,Ieee Transactions On Plasma Science, <b>2016</b>,44,7,1050,</li> <li>16. Irradiation Dose Minimization By Optimizing The Arrangement Of Radiation Sources Of Different Intensity,Atomic Energy, <b>2016</b>,119,4,285,</li> <li>17. Macroparticles In Beam-Plasma Systems,Problems Of Atomic Science And Technology, <b>2016</b>,6,187,</li> <li>18. Bremsstrahlung Formation In The Dual Energy Method For Radiography</li> </ol>
-----------	------------------------------------	---------------	---	--	--

			<ol style="list-style-type: none"> <li>18. Macroparticles in beam-plasma systems, <b>2016</b>, Problems of Atomic Science and Technology,106,6,187</li> <li>19. Buildup of plasma oscillations during modeling the electromagnetic wave propagation, <b>2016</b>, Problems of Atomic Science and Technology,106,6,40</li> <li>20. Parametric excitation of azimuthally non-symmetric surface waves propagating in metal waveguides filled with isotropic plasma, <b>2015</b>, Physica Scripta,90,6,65605,</li> <li>21. Drift resonance and particle removal from helical plasma, <b>2015</b>, Problems of Atomic Science and Technology,95,1,12</li> <li>22. Azimuthally non-symmetric surface waves propagating in metal waveguides filled with isotropic plasma, <b>2015</b>, Progress In Electromagnetics Research B,61,1,87</li> <li>23. Charging of macroparticles in a high-voltage vacuum ARC sheath, <b>2015</b>, Problems of Atomic Science and Technology,95,1,246</li> <li>24. Change of radioactive waste characteristics at their processing and storage at nuclear power plants, <b>2015</b>, Problems of Atomic Science and Technology,97,3,83</li> <li>25. Excitation of the surface flute waves in electron cyclotron frequency range by internal rotating electron beam in a coaxial waveguide, <b>2014</b>, Physica Scripta,89,12,125605,</li> <li>26. Precision of a fdtd method to simulate cold magnetized plasmas, <b>2014</b>, Problems of Atomic Science and Technology,94,6,37</li> <li>27. Changes in the composition and optical properties of Cu and Cu2O nanofilms deposited on SiO2substrates after annealing and bombardment by argon and hydrogen ions, <b>2014</b>, Journal of Surface Investigation,8,6,1339</li> <li>28. Excitation of the azimuthal surface waves in electron cyclotron frequency range by rotating electron beam in a coaxial waveguide, <b>2014</b>, IEEE Transactions on Plasma Science,42,3,6727518,735</li> <li>29. Excitation of azimuthal surface waves in toroidal waveguide by rotating electron beam at the range of electron cyclotron resonance, <b>2014</b>, Progress In Electromagnetics Research B,57,267</li> <li>30. Features of electron beam evaporation under surface electron beam formation, <b>2014</b>, Problems of Atomic Science and Technology,94,6,149</li> <li>31. Excitation of high-frequency azimuthal surface waves by an annular electron beam in a waveguide with a noncircular interface of the plasma column, <b>2013</b>, Plasma Physics Reports,39,5,399</li> <li>32. Effect of the minority ions on the icrf heating of fusion plasmas, <b>2012</b>, Problems of Atomic Science and Technology,6,43</li> <li>33. Determination of chemical composition of implanted nanolayers by analysis of their optical properties, <b>2012</b>, Functional Materials,19,2,251</li> <li>34. Coupled azimuthal modes propagating in current-carrying plasma waveguides, <b>2012</b>, Journal of Plasma Physics,78,2,105</li> <li>35. Possibility of excitation of azimuthal surface waves in a magnetized plasma by annular ion beams, <b>2012</b>, Technical Physics Letters,38,2,178</li> <li>36. Influence of the shape of the cross section of a plasma-dielectric interface on the dispersion properties of high-frequency azimuthal surface modes, <b>2012</b>, Plasma Physics Reports,38,2,126</li> <li>37. Influence of the plasma column cross-section non-circularity on the excitation of the azimuthal surface waves in electron cyclotron frequency</li> </ol>		<ol style="list-style-type: none"> <li>Of The Unauthorized Embedding,East European Journal Of Physics, <b>2016</b>,3,2,32,</li> <li>19. Instability Of Surface Electron Cyclotron Tm-Modes Influenced By Non-Monochromatic Alternating Electric Field,Physics Of Plasmas, <b>2016</b>,23,6,62106</li> <li>20. Influence Of Certain Radionuclides On Outer Radiation Of Spent Nuclear Fuel At Dry Storage,Problems Of Atomic Science And Technology, <b>2016</b>,5,48,</li> <li>21. Change Of Radioactive Waste Characteristics At Their Processing And Storage At Nuclear Power Plants,Problems Of Atomic Science And Technology, <b>2015</b>,3,83,</li> <li>22. Parametric Excitation Of Azimuthally Non-Symmetric Surface Waves Propagating In Metal Waveguides Filled With Isotropic Plasma,Physica Scripta, <b>2015</b>,90,6,65605</li> <li>23. Drift Resonance And Particle Removal From Helical Plasma,Problems Of Atomic Science And Technology, <b>2015</b>,1,12,</li> <li>24. Charging Of Macroparticles In A High-Voltage Vacuum Arc Sheath,Problems Of Atomic Science And Technology, <b>2015</b>,1,246,</li> <li>25. Excitation Of The Surface Flute Waves In Electron Cyclotron Frequency Range By Internal Rotating Electron Beam In A Coaxial Waveguide,Physica Scripta, <b>2014</b>,89,12,125605</li> <li>26. Excitation Of The Azimuthal Surface Waves In Electron Cyclotron Frequency Range By Rotating Electron Beam In A Coaxial Waveguide, <b>2014</b>, Ieee Transactions On Plasma Science,42,3,6727518,735</li> <li>27. Precision Of A Fdtd Method To Simulate Cold Magnetized Plasmas,Problems Of Atomic Science And Technology, <b>2014</b>,6,37,</li> <li>28. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation,Problems Of Atomic Science And Technology, <b>2014</b>,6,149,</li> <li>29. Excitation Of High-Frequency Azimuthal Surface Waves By An Annular Electron Beam In A Waveguide With A Noncircular Interface Of The Plasma Column,Plasma Physics Reports, <b>2013</b>,39,5,399,</li> <li>30. Influence Of The Shape Of The Cross Section Of A Plasma-Dielectric Interface On The Dispersion Properties Of High-Frequency Azimuthal Surface Modes,Plasma Physics Reports, <b>2012</b>,38,2,126,</li> <li>31. Coupled Azimuthal Modes Propagating In Current-Carrying Plasma Waveguides,Journal Of Plasma Physics, <b>2012</b>,78,105,</li> <li>32. Possibility Of Excitation Of Azimuthal Surface Waves In A Magnetized Plasma By Annular Ion Beams,Technical Physics Letters, <b>2012</b>,38,2,178,</li> <li>33. Effect Of The Minority Ions On The Icrf Heating Of Fusion Plasmas,Problems Of Atomic Science And Technology, <b>2012</b>,6,43,</li> </ol>
--	--	--	---	--	---

				range by annular electron beam, <b>2012</b> , Progress In Electromagnetics Research M,26,39 38. Yevgen dmytrovyeh volkov, <b>2012</b> , Ukrainian Journal of Physics,57,5,584		
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Грицина Василь Тимофійович	12	<ol style="list-style-type: none"> <li>1. On the possibility of using magnesium oxide for selective detection of fast neutrons, <b>2018</b>, Radiation Effects and Defects in Solids,173,03.anp,223</li> <li>2. Growth and characterization of titanium doped spinel crystals, <b>2018</b>, Acta Physica Polonica A,133,4,774</li> <li>3. Spectroscopic studies of defects in gamma- and neutron-irradiated magnesium aluminates spinel ceramics, <b>2017</b>, Problems of Atomic Science and Technology,111,5,8</li> <li>4. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, <b>2016</b>, Journal of Surface Investigation,10,6,1239</li> <li>5. Changes in the composition and optical properties of Cu and Cu2O nanofilms deposited on SiO2substrates after annealing and bombardment by argon and hydrogen ions, <b>2014</b>, Journal of Surface Investigation,8,6,1339</li> <li>6. Ion-photon emission under ion bombardment of garnet structures of different composition, <b>2014</b>, Vacuum,105,91</li> <li>7. Infrared spectroscopy studies of magnesium aluminates spinel crystals, <b>2013</b>, Solid State Phenomena,200,209</li> <li>8. Radio-luminescence of defects and impurity ions in magnesium aluminates spinel crystals, <b>2013</b>, Solid State Phenomena,200,203</li> <li>9. Infrared spectroscopy studies of magnesium aluminates spinel crystals, <b>2012</b>, "International Conference on Oxide Materials for Electronic Engineering, OMEE 2012",6464808,155</li> <li>10. Radio-luminescence of defects and impurity ions in magnesium aluminates spinel, <b>2012</b>, "International Conference on Oxide Materials for Electronic Engineering, OMEE 2012",6464809,153</li> <li>11. Determination of chemical composition of implanted nanolayers by analysis of their optical properties, <b>2012</b>, Functional Materials,19,2,251</li> <li>12. Characteristic features of ion-photon emission from yttrium-iron garnets, <b>2012</b>, Vacuum,86,10,1624</li> </ol>	8	<ol style="list-style-type: none"> <li>1. Growth And Characterization Of Titanium Doped Spinel Crystals,"Gritsyna, V. T.; Kazarinov, Yu. G.; Kobayakov, V. A.; Lytvynov, L. A.",Acta Physica Polonica A, <b>2018</b>, 133,4,774</li> <li>2. On The Possibility Of Using Magnesium Oxide For Selective Detection Of Fast Neutrons,"Kvatchadze, V. G.; Gritsyna, V. T.; Abramishvili, M. G.; Dekanozishvili, G. G.; Galustashvili, M. V.; Tavkhelidze, V. M.",Radiation Effects And Defects In Solids, <b>2018</b>, 173,03.Anp,223</li> <li>3. Spectroscopic Studies Of Defects In Gamma- And Neutron-Irradiated Magnesium Aluminates Spinel Ceramics,"Kazarinov, Yu.; Kvatchadze, V.; Gritsyna, V.; Abramishvili, M.; Akhvlediani, Z.; Galustashvili, M.; Dekanozishvili, G.; Kalabegishvili, T.; Tavkhelidze, V.",Problems Of Atomic Science And Technology, <b>2017</b>, ,5,8</li> <li>4. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,"Bobkov, V. V.; Gritsyna, V. V.; Gritsyna, V. T.; Afanasieva, I. A.; Shevchenko, D. I.",Journal Of Surface Investigation, <b>2016</b>, 10,6,1239</li> <li>5. Ion-Photon Emission Under Ion Bombardment Of Garnet Structures Of Different Composition,"Azarenkov, N. A.; Afanas'eva, I. A.; Bobkov, V. V.; Gritsyna, V. V.; Gritsyna, V. T.; Peretyatko, A. A.; Ryzhov, D. A.; Shevchenko, D. I.",Vacuum, <b>2014</b>, 105,Si,91</li> <li>6. Radio-Luminescence Of Defects And Impurity Ions In Magnesium Aluminates Spinel Crystals,"Gritsyna, Vasyi; Kazarinov, Yuri; Moskvitin, Anton", "Ubizskii, S; Vasylechko, L; Zhydachevskii, Y", "Oxide Materials For Electronic Engineering - Fabrication, Properties And Applications", <b>2013</b>, 200,,203</li> <li>7. Infrared Spectroscopy Studies Of Magnesium Aluminates Spinel Crystals,"Kobayakov, Volodymyr A.; Patochkina, Oksana L.; Gritsyna, Vasyi T.", "Ubizskii, S; Vasylechko, L; Zhydachevskii, Y", "Oxide Materials For Electronic Engineering - Fabrication, Properties And Applications", <b>2013</b>, 200,,209</li> <li>8. Characteristic Features Of Ion-Photon Emission From Yttrium-Iron Garnets,"Bobkov, V. V.; Afanas'eva, I. A.; Gritsyna, V. V.; Gritsyna, V. T.; Ryzhov, D. A.; Shevchenko, D. I.",Vacuum, <b>2012</b>, 86,10,1624</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Лісовський Валерій Олександрович	32	<ol style="list-style-type: none"> <li>1. Investigation of DC glow discharge in CO2 using optical emission spectroscopy, <b>2018</b>, Problems of Atomic Science and Technology,118,6,206</li> <li>2. Cathode design effect on gas breakdown and modes of burning of the glow discharge in nitrogen, <b>2018</b>, Problems of Atomic Science and Technology,116,4,150</li> <li>3. Structure and modes of dc glow discharge in nitrogen with hollow cathode or anode, <b>2018</b>, Problems of Atomic Science and Technology,118,6,210</li> <li>4. Current gain of a pulsed DC discharge in low-pressure gases, <b>2017</b>, Vacuum,145,194</li> <li>5. Electric field non-uniformity effect on dc low pressure gas breakdown between flat electrodes, <b>2017</b>, Vacuum,145,19</li> </ol>	33	<ol style="list-style-type: none"> <li>1. Investigation Of Dc Glow Discharge In Co2 Using Optical Emission Spectroscopy,Problems Of Atomic Science And Technology, <b>2018</b>,6,206,</li> <li>2. Structure And Modes Of Dc Glow Discharge In Nitrogen With Hollow Cathode Or Anode,Problems Of Atomic Science And Technology, <b>2018</b>,6,210,</li> <li>3. Cathode Design Effect On Gas Breakdown And Modes Of Burning Of The Glow Discharge In Nitrogen,Problems Of Atomic Science And Technology, <b>2018</b>,4,150,</li> <li>4. Electric Field Non-Uniformity Effect On Dc Low Pressure Gas Breakdown Between Flat Electrodes,Vacuum, <b>2017</b>,145,19,</li> <li>5. Influence Of The Inter-Electrode Gap On The Cathode Sheath Characteristics (Voltage Drop Across It And Its Thickness),Physics Of</li> </ol>

			<ol style="list-style-type: none"> <li>6. Influence of the inter-electrode gap on the cathode sheath characteristics (voltage drop across it and its thickness), <b>2017</b>, Physics of Plasmas,24,5,53501,</li> <li>7. Positive column contraction of the glow discharge in nitrogen, <b>2017</b>, Problems of Atomic Science and Technology,107,1,144</li> <li>8. Child-langmuir law for cathode sheath of glow discharge in CO<sub>2</sub>, <b>2017</b>, Problems of Atomic Science and Technology,107,1,140</li> <li>9. Child-Langmuir law applicability for a cathode sheath description of glow discharge in hydrogen, <b>2016</b>, Physica Scripta,91,8,85601,</li> <li>10. "Normal mode of DC discharge in argon, hydrogen and oxygen", <b>2016</b>, Problems of Atomic Science and Technology,106,6,223</li> <li>11. Forming a unipolar pulsed discharge in nitrogen, <b>2016</b>, Problems of Atomic Science and Technology,106,6,227</li> <li>12. Reduced electric field in the positive column of the glow discharge in argon, <b>2015</b>, Vacuum,122,6795,75</li> <li>13. DC breakdown in low-pressure CF<sub>4</sub>, <b>2015</b>, Journal of Physics D: Applied Physics,48,47,475201,</li> <li>14. Inter-electrode distance effect on dc discharge characteristics in nitrogen, <b>2015</b>, Problems of Atomic Science and Technology,98,4,202</li> <li>15. Does electric field nonuniformity affect gas breakdown?, <b>2015</b>, Problems of Atomic Science and Technology,98,4,211</li> <li>16. Burning modes of dc low pressure discharge with a transverse constriction, <b>2015</b>, Problems of Atomic Science and Technology,98,4,206</li> <li>17. Simple model of reduced electric field in ambipolar regime of dc discharge positive column in hydrogen, <b>2015</b>, Journal of Plasma Physics,81,3,905810312,</li> <li>18. Calculating reduced electric field in diffusion regime of dc discharge positive column, <b>2015</b>, Problems of Atomic Science and Technology,95,1,205</li> <li>19. In-depth treatment of discharge ignition data during undergraduate laboratory work, <b>2014</b>, European Journal of Physics,35,4,45021,</li> <li>20. The Child-Langmuir collision laws for the cathode sheath of glow discharge in nitrogen, <b>2014</b>, Vacuum,103,49</li> <li>21. Electron transport parameters in NF<sub>3</sub>, <b>2014</b>, Journal of Physics D: Applied Physics,47,11,115203,</li> <li>22. Gas breakdown in dc electric field in a discharge tube with flat and conical cathodes, <b>2014</b>, Problems of Atomic Science and Technology,94,6,183</li> <li>23. Applicability of Child-Langmuir collision laws for describing a dc cathode sheath in N<sub>2</sub>O, <b>2014</b>, Journal of Plasma Physics,80,3,319</li> <li>24. Positive ion motion in cathode sheath of glow discharge in N<sub>2</sub>O, <b>2013</b>, Problems of Atomic Science and Technology,4,140</li> <li>25. Axial structure of hollow cathode dc glow discharge in different burning modes, <b>2013</b>, Problems of Atomic Science and Technology,4,144</li> <li>26. Normal and abnormal regimes of dc discharge burning in N<sub>2</sub>O, <b>2013</b>, Problems of Atomic Science and Technology,1,210</li> <li>27. Normal regime of the weak-current mode of an rf capacitive discharge, <b>2013</b>, Plasma Sources Science and Technology,22,1,15018,</li> <li>28. Dependence of RF breakdown curve on electrode geometry in CCP reactor, <b>2012</b>, Problems of Atomic Science and Technology,6,193</li> </ol>	<ol style="list-style-type: none"> <li>6. Child-Langmuir Law For Cathode Sheath Of Glow Discharge In Co<sub>2</sub>,Problems Of Atomic Science And Technology, <b>2017</b>,1,140,</li> <li>7. Positive Column Contraction Of The Glow Discharge In Nitrogen,Problems Of Atomic Science And Technology, <b>2017</b>,1,144,</li> <li>8. Current Gain Of A Pulsed Dc Discharge In Low-Pressure Gases,Vacuum, <b>2017</b>,145,194,</li> <li>9. Current Gain In Unipolar Pulsed Discharge In Low-Pressure Carbon Dioxide,East European Journal Of Physics, <b>2017</b>,4,4,71,</li> <li>10. Child-Langmuir Law Applicability For A Cathode Sheath Description Of Glow Discharge In Hydrogen,Physica Scripta, <b>2016</b>,91,8,85601</li> <li>11. "Normal Mode Of Dc Discharge In Argon, Hydrogen And Oxygen",Problems Of Atomic Science And Technology, <b>2016</b>,6,223,</li> <li>12. Forming A Unipolar Pulsed Discharge In Nitrogen,Problems Of Atomic Science And Technology, <b>2016</b>,6,227,</li> <li>13. Reduced Electric Field In The Positive Column Of The Glow Discharge In Argon,Vacuum, <b>2015</b>,122,75,</li> <li>14. Calculating Reduced Electric Field In Diffusion Regime Of Dc Discharge Positive Column,Problems Of Atomic Science And Technology, <b>2015</b>,1,205,</li> <li>15. Dc Breakdown In Low-Pressure Cf<sub>4</sub>,Journal Of Physics D-Applied Physics, <b>2015</b>,48,47,475201</li> <li>16. Simple Model Of Reduced Electric Field In Ambipolar Regime Of Dc Discharge Positive Column In Hydrogen,Journal Of Plasma Physics, <b>2015</b>,81,905810312</li> <li>17. Inter-Electrode Distance Effect On Dc Discharge Characteristics In Nitrogen,Problems Of Atomic Science And Technology, <b>2015</b>,4,202,</li> <li>18. Does Electric Field Nonuniformity Affect Gas Breakdown?,Problems Of Atomic Science And Technology, <b>2015</b>,4,211,</li> <li>19. Burning Modes Of Dc Low Pressure Discharge With A Transverse Constriction,Problems Of Atomic Science And Technology, <b>2015</b>,4,206,</li> <li>20. The Child-Langmuir Collision Laws For The Cathode Sheath Of Glow Discharge In Nitrogen,Vacuum, <b>2014</b>,103,49,</li> <li>21. In-Depth Treatment Of Discharge Ignition Data During Undergraduate Laboratory Work,European Journal Of Physics, <b>2014</b>,35,4,45021</li> <li>22. Applicability Of Child-Langmuir Collision Laws For Describing A Dc Cathode Sheath In N<sub>2</sub>o,Journal Of Plasma Physics, <b>2014</b>,80,319,</li> <li>23. Electron Transport Parameters In NF<sub>3</sub>,Journal Of Physics D-Applied Physics, <b>2014</b>,47,11,115203</li> <li>24. Gas Breakdown In Dc Electric Field In A Discharge Tube With Flat And Conical Cathodes,Problems Of Atomic Science And Technology, <b>2014</b>,6,183,</li> <li>25. Normal Regime Of The Weak-Current Mode Of An Rf Capacitive Discharge,Plasma Sources Science &amp; Technology, <b>2013</b>,22,1,15018</li> <li>26. Normal And Abnormal Regimes Of Dc Discharge Burning In N<sub>2</sub>o,Problems Of Atomic Science And Technology, <b>2013</b>,1,210,</li> <li>27. Axial Structure Of Hollow Cathode Dc Glow Discharge In Different Burning Modes,Problems Of Atomic Science And Technology, <b>2013</b>,4,144,</li> </ol>
--	--	--	--	--



				<p>29. Axial structure of DC glow discharge negative glow in nitrogen, <b>2012</b>, Problems of Atomic Science and Technology,6,199</p> <p>30. Validating the Goldstein-Wehner law for the stratified positive column of dc discharge in an undergraduate laboratory, <b>2012</b>, European Journal of Physics,33,6,1537</p> <p>31. Ambipolar diffusion in strongly electronegative plasma, <b>2012</b>, EPL,99,3,35002,</p> <p>32. Gas molecule dissociation effect on rf discharge burning in low pressure ammonia, <b>2012</b>, "Physics Letters, Section A: General, Atomic and Solid State Physics",376,33,2238</p>		<p>28. Positive Ion Motion In Cathode Sheath Of Glow Discharge In N2o,Problems Of Atomic Science And Technology, <b>2013</b>,4,140,</p> <p>29. Ambipolar Diffusion In Strongly Electronegative Plasma,Epl, <b>2012</b>,99,3,35002</p> <p>30. Gas Molecule Dissociation Effect On Rf Discharge Burning In Low Pressure Ammonia,Physics Letters A, <b>2012</b>,376,33,2238,</p> <p>31. Dependence Of Rf Breakdown Curve On Electrode Geometry In Ccp Reactor,Problems Of Atomic Science And Technology, <b>2012</b>,6,193,</p> <p>32. Axial Structure Of Dc Glow Discharge Negative Glow In Nitrogen,Problems Of Atomic Science And Technology, <b>2012</b>,6,199,</p> <p>33. Validating The Goldstein-Wehner Law For The Stratified Positive Column Of Dc Discharge In An Undergraduate Laboratory, <b>2012</b>, European Journal Of Physics,33,6,1537</p>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Денисенко Ігор Борисович	15	<p>1. Electron energy probability function and dust charge in the temporal afterglow of a plasma with large dust density, <b>2018</b>, Problems of Atomic Science and Technology,118,6,202</p> <p>2. Electron energy probability function in the temporal afterglow of a dusty plasma, <b>2018</b>, Physics of Plasmas,25,1,13703,</p> <p>3. Electromagnetic wave propagation through magnetoactive plasma layers, <b>2017</b>, Problems of Atomic Science and Technology,107,1,84</p> <p>4. "Electron energy distribution function, effective electron temperature, and dust charge in the temporal afterglow of a plasma", <b>2016</b>, Physics of Plasmas,23,5,53704,</p> <p>5. Effect of dust particles on electron energydistribution in glow and afterglow plasmas, <b>2016</b>, Problems of Atomic Science and Technology,106,6,179</p> <p>6. Electron energy distribution in a dusty plasma: Analytical approach, <b>2015</b>, "Physical Review E - Statistical, Nonlinear, and Soft Matter Physics",92,3,33102,</p> <p>7. Effect of secondary emission on the argon plasma afterglow with large dust density, <b>2015</b>, Physics of Plasmas,22,2,23702,</p> <p>8. Growth of forest of single-walled carbon nanotubes at inhomogenous fluxes from plasma, <b>2015</b>, Problems of Atomic Science and Technology,95,1,184</p> <p>9. Effect of secondary emission on the afterglow of argon with negatively charged dust particles, <b>2014</b>, Problems of Atomic Science and Technology,94,6,157</p> <p>10. "Long, vertically aligned single-walled carbon nanotubes from plasmas: Morpho-kinetic and alignment controls", <b>2014</b>, Plasma Processes and Polymers,11,8,798</p> <p>11. Dynamics of pulsed reactive RF discharges in response to thin film deposition, <b>2014</b>, Plasma Sources Science and Technology,23,2,25010,</p> <p>12. Discharging of dust particles in the afterglow of plasma with large dust density, <b>2013</b>, "Physical Review E - Statistical, Nonlinear, and Soft Matter Physics",88,2,23104,</p> <p>13. A non-invasive technique to determine ion fluxes and ion densities in reactive and non-reactive pulsed plasmas, <b>2013</b>, Plasma Sources Science and Technology,22,4,45009,</p> <p>14. Formation of forest of single-walled carbon nanotubes in plasma-enhanced</p>	15	<p>1. Electron Energy Probability Function And Dust Charge In The Temporal Afterglow Of A Plasma With Large Dust Density, <b>2018</b>, Problems Of Atomic Science And Technology,118,6,202</p> <p>2. Electron Energy Probability Function In The Temporal Afterglow Of A Dusty Plasma, <b>2018</b>, Physics Of Plasmas,25,1,13703,</p> <p>3. Electromagnetic Wave Propagation Through Magnetoactive Plasma Layers, <b>2017</b>, Problems Of Atomic Science And Technology,107,1,84</p> <p>4. "Electron Energy Distribution Function, Effective Electron Temperature, And Dust Charge In The Temporal Afterglow Of A Plasma", <b>2016</b>, Physics Of Plasmas,23,5,53704,</p> <p>5. Effect Of Dust Particles On Electron Energydistribution In Glow And Afterglow Plasmas, <b>2016</b>, Problems Of Atomic Science And Technology,106,6,179</p> <p>6. Electron Energy Distribution In A Dusty Plasma: Analytical Approach, <b>2015</b>, "Physical Review E - Statistical, Nonlinear, And Soft Matter Physics",92,3,33102,</p> <p>7. Effect Of Secondary Emission On The Argon Plasma Afterglow With Large Dust Density, <b>2015</b>, Physics Of Plasmas,22,2,23702,</p> <p>8. Growth Of Forest Of Single-Walled Carbon Nanotubes At Inhomogenous Fluxes From Plasma, <b>2015</b>, Problems Of Atomic Science And Technology,95,1,184</p> <p>9. Effect Of Secondary Emission On The Afterglow Of Argon With Negatively Charged Dust Particles, <b>2014</b>, Problems Of Atomic Science And Technology,94,6,157</p> <p>10. "Long, Vertically Aligned Single-Walled Carbon Nanotubes From Plasmas: Morpho-Kinetic And Alignment Controls", <b>2014</b>, Plasma Processes And Polymers,11,8,798</p> <p>11. Dynamics Of Pulsed Reactive Rf Discharges In Response To Thin Film Deposition, <b>2014</b>, Plasma Sources Science And Technology,23,2,25010,</p> <p>12. Discharging Of Dust Particles In The Afterglow Of Plasma With Large Dust Density, <b>2013</b>, "Physical Review E - Statistical, Nonlinear, And Soft Matter Physics",88,2,23104,</p> <p>13. A Non-Invasive Technique To Determine Ion Fluxes And Ion Densities In Reactive And Non-Reactve Pulsed Plasmas, <b>2013</b>, Plasma Sources Science And Technology,22,4,45009,</p>

				<p>chemical vapor deposition, <b>2012</b>, Problems of Atomic Science and Technology,6,223</p> <p>15. Transmission of electromagnetic waves through a two-layer plasma structure with spatially nonuniform electron density, <b>2012</b>, "Physical Review E - Statistical, Nonlinear, and Soft Matter Physics",86,5,56402,</p>		<p>14. Formation Of Forest Of Single-Walled Carbon Nanotubes In Plasma-Enhanced Chemical Vapor Deposition, <b>2012</b>, Problems Of Atomic Science And Technology,6,223</p> <p>15. Transmission Of Electromagnetic Waves Through A Two-Layer Plasma Structure With Spatially Nonuniform Electron Density, <b>2012</b>, "Physical Review E - Statistical, Nonlinear, And Soft Matter Physics",86,5,56402,</p>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Бізюков Олександр Анатолійович	29	<p>1. Ion induced millimetre-scale structures growth on metal surfaces, <b>2018</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",420,46</p> <p>2. Charging of a macroparticle in cathodic arc sheath, <b>2018</b>, Problems of Atomic Science and Technology,116,4,176</p> <p>3. Aluminium surface morphology behaviour under high-flux helium ion bombardment, <b>2017</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",405,31</p> <p>4. Decay of liquid metallic macroparticles in plasmabeam systems due to rayleigh instability, <b>2017</b>, Problems of Atomic Science and Technology,107,1,163</p> <p>5. The size effect and X-RAY fluorescenc spectra of metallic nanoparticles, <b>2017</b>, Problems of Atomic Science and Technology,107,1,179</p> <p>6. Transport of a macroparticle in vacuum arc sheath, <b>2016</b>, IEEE Transactions on Plasma Science,44,7,7486120,1050</p> <p>7. Vaporization of metallic macroparticles in the high temperature technology plasma, <b>2016</b>, Problems of Atomic Science and Technology,106,6,268</p> <p>8. Macroparticles in beam-plasma systems, <b>2016</b>, Problems of Atomic Science and Technology,106,6,187</p> <p>9. Erosion features of tungsten surfaces under combined steady-state and transient plasma loads, <b>2016</b>, Problems of Atomic Science and Technology,106,6,69</p> <p>10. Pulse electrothermal plasma accelerators and its application in the technologies, <b>2015</b>, Problems of Atomic Science and Technology,98,4,319</p> <p>11. Charging of macroparticles in a high-voltage vacuum ARC sheath, <b>2015</b>, Problems of Atomic Science and Technology,95,1,246</p> <p>12. Extraction of fusion relevant ion species from discharge of focused anode layer thruster, <b>2015</b>, Problems of Atomic Science and Technology,98,4,22</p> <p>13. Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources, <b>2015</b>, Problems of Atomic Science and Technology,98,4,298</p> <p>14. Operation modes of the FALCON ion source as a part of the AMS cluster tool, <b>2015</b>, Nukleonika,60,2,327</p> <p>15. Increasing of mass transfer efficiency at magnetron deposition of metal coating, <b>2015</b>, Problems of Atomic Science and Technology,95,1,181</p> <p>16. Exposure of tungsten surface to high-flux of helium and argon ions, <b>2014</b>, Problems of Atomic Science and Technology,94,6,80</p> <p>17. Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam, <b>2014</b>, Problems of Atomic Science and Technology,94,6,164</p> <p>18. Method of controlling coupling coefficient of Aluminum Scandium Nitride deposition in high volume production, <b>2013</b>, "2013 Joint European Frequency and Time Forum and International Frequency Control</p>	30	<p>1. Ion Induced Millimetre-Scale Structures Growth On Metal Surfaces,"Girka, O.; Bizyukov, O.; Balkova, Y.; Myroshnyk, M.; Bizyukov, I.; Bogatyrenko, S.",Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2018</b>, 420,,46,49,</p> <p>2. Charging Of A Macroparticle In Cathodic Arc Sheath,"Romashchenko, E., V; Bizyukov, A. A.; Girka, I. O.",Problems Of Atomic Science And Technology, <b>2018</b>, 4,176,180,</p> <p>3. Aluminium Surface Morphology Behaviour Under High-Flux Helium Ion Bombardment,"Girka, O.; Bizyukov, O.; Bogatyrenko, S.; Bizyukov, I.",Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2017</b>, 405,,31,35,</p> <p>4. Phase States Of Macroparticles In Plasma With Hot Electrons At Presence Of Ion Beam,"Bizyukov, O. A.; Chibisov, O. D.; Kutenko, O. I.",East European Journal Of Physics, <b>2017</b>, 4,3,48,53,</p> <p>5. Decay Of Liquid Metallic Macroparticles In Plasma-Beam Systems Due To Rayleigh Instability,"Bizyukov, A. A.; Chibisov, A. D.; Romashchenko, E. V.; Kolyada, Yu. E.",Problems Of Atomic Science And Technology, <b>2017</b>, 1,163,166,</p> <p>6. The Size Effect And X-Ray Fluorescenc Spectra Of Metallic Nanoparticles,"Kolyada, Yu. E.; Savinkov, N. A.; Bizyukov, A. A.; Bulanchuk, O. N.",Problems Of Atomic Science And Technology, <b>2017</b>, 1,179,182,</p> <p>7. Erosion Features Of Tungsten Surfaces Under Combined Steady-State And Transient Plasma Loads,"Herashchenko, S. S.; Makhraj, V. A.; Girka, O. I.; Aksenov, N. N.; Bizyukov, I. A.; Malykhin, S. V.; Surovitskiy, S. V.; Sereda, K. N.; Bizyukov, A. A.",Problems Of Atomic Science And Technology, <b>2016</b>, 6,69,72,</p> <p>8. Transport Of A Macroparticle In Vacuum Arc Sheath,"Bizyukov, Alexander A.; Girka, Igor O.; Romashchenko, Elena V.",Ieee Transactions On Plasma Science, <b>2016</b>, 44,7,1050,1055,</p> <p>9. Macroparticles In Beam-Plasma Systems,"Bizyukov, A. A.; Girka, I. O.; Romashchenko, E. V.; Chibisov, O. D.",Problems Of Atomic Science And Technology, <b>2016</b>, 6,187,190,</p> <p>10. Vaporization Of Metallic Macroparticles In The High Temperature Technology Plasma,"Bizyukov, A. A.; Chibisov, A. D.; Romashchenko, E. V.; Kolyada, Yu. E.",Problems Of Atomic Science And Technology, <b>2016</b>, 6,268,271,</p> <p>11. Operation Modes Of The Falcon Ion Source As A Part Of The Ams Cluster Tool,"Girka, Oleksii; Bizyukov, Alexander; Bizyukov, Ivan; Gutkin, Michael; Mishin, Sergei",Nukleonika, <b>2015</b>, 60,2,327,330,</p> <p>12. Increasing Of Mass Transfer Efficiency At Magnetron Deposition Of Metal</p>

			<p>Symposium, EFTF/IFC 2013",6702105,126</p> <p>19. Improving frequency control of temperature compensated surface acoustic wave devices, <b>2013</b>, "2013 Joint European Frequency and Time Forum and International Frequency Control Symposium, EFTF/IFC 2013",6702045,111</p> <p>20. Charging processes and phase states of macroparticles in low-pressure arc discharge, <b>2013</b>, Problems of Atomic Science and Technology,4,176</p> <p>21. Particle charging in beam-plasma systems, <b>2013</b>, Problems of Atomic Science and Technology,1,183</p> <p>22. Pulsed magnetron sputtering system power supply without limitation and forced interruption of the discharge current, <b>2013</b>, Problems of Atomic Science and Technology,1,225</p> <p>23. Self-compensation of the focused ion beam space charge, <b>2013</b>, Problems of Atomic Science and Technology,1,204</p> <p>24. Combined exposures of tungsten by stationary and transient hydrogen plasma heat loads: Preliminary results, <b>2013</b>, Problems of Atomic Science and Technology,1,70</p> <p>25. Effect of the parameters of a gas-discharge plasma on the equilibrium temperature and floating potential of macroparticle, <b>2012</b>, Problems of Atomic Science and Technology,6,175</p> <p>26. Longitudinal ion source with the current self-compensation of the focused ion beam, <b>2012</b>, Plasma Physics Reports,38,13,1032</p> <p>27. Mass-separation of impurities in the ion beam systems with reversed magnetic beam focusing, <b>2012</b>, Problems of Atomic Science and Technology,6,105</p> <p>28. High-current pulsed operation modes of the planar mss with magnetically insulated anode without transition to the arc discharge, <b>2012</b>, Problems of Atomic Science and Technology,6,190</p> <p>29. Compact steady-state and high-flux Falcon ion source for tests of plasma-facing materials, <b>2012</b>, Review of Scientific Instruments,83,8,83501,</p>		<p>Coating,"Chunadra, A. G.; Sereda, K. N.; Tarasov, I. K.; Bizyukov, A. A.",Problems Of Atomic Science And Technology, <b>2015</b>, ,1,181,183,</p> <p>13. Pulse Electrothermal Plasma Accelerators And Its Application In The Technologies,"Kolyada, Yu E.; Bizyukov, A. A.; Bulanchuk, O. N.; Fedun, V., I",Problems Of Atomic Science And Technology, <b>2015</b>, ,4,319,324,</p> <p>14. Dynamics Of Macroparticles In A Magnetic Filter For A Vacuum Arc Plasma Sources,"Bizyukov, A. A.; Chibisov, D., V; Chibisov, A. D.; Romashchenko, E., V; Kovalenko, V. V.",Problems Of Atomic Science And Technology, <b>2015</b>, ,4,298,301,</p> <p>15. Extraction Of Fusion Relevant Ion Species From Discharge Of Focused Anode Layer Thruster,"Girka, O.; Bizyukov, O.; Kolyada, Yu.; Sereda, K.; Bizyukov, I.",Problems Of Atomic Science And Technology, <b>2015</b>, ,4,22,25,</p> <p>16. Charging Of Macroparticles In A High-Voltage Vacuum Arc Sheath,"Bizyukov, A. A.; Girka, I. A.; Romashchenko, E. V.; Chibisov, A. D.",Problems Of Atomic Science And Technology, <b>2015</b>, ,1,246,248,</p> <p>17. Exposure Of Tungsten Surface To High-Flux Of Helium And Argon Ions,"Bizyukov, I. O.; Girka, O. I.; Starovoitov, R. I.; Bizyukov, O. A.; Bobkov, V. V.",Problems Of Atomic Science And Technology, <b>2014</b>, ,6,80,82,</p> <p>18. Capture And Transport Of Macroparticles In Curved Plasma Duct At Low Magnetic Field In The Presence Of An Electron Beam,"Bizyukov, A. A.; Sereda, K. N.; Chibisov, A. D.; Romashchenko, E. V.; Kovalenko, V. V.",Problems Of Atomic Science And Technology, <b>2014</b>, ,6,164,166,</p> <p>19. Method Of Controlling Coupling Coefficient Of Aluminum Scandium Nitride Deposition In High Volume Production,"Mishin, Sergey; Gutkin, Michael; Bizyukov, Alexander; Sleptsov, Vladimir",2013 Joint European Frequency And Time Forum &amp; International Frequency Control Symposium (Eftf/Ifc), <b>2013</b>, ,126,+,</p> <p>20. Self-Compensation Of The Focused Ion Beam Space Charge,"Bizyukov, A. A.; Girka, O. I.; Romashchenko, E. V.; Sereda, K. N.; Yunakov, N. N.",Problems Of Atomic Science And Technology, <b>2013</b>, ,1,204,206,</p> <p>21. Combined Exposures Of Tungsten By Stationary And Transient Hydrogen Plasma Heat Loads: Preliminary Results,"Makhlaj, V. A.; Aksenov, N. N.; Byrka, O. V.; Garkusha, I. E.; Bizyukov, A. A.; Bizyukov, I. A.; Girka, O. I.; Sereda, K. N.; Bazdyreva, S. V.; Malykhin, S. V.; Pugachov, A. T.",Problems Of Atomic Science And Technology, <b>2013</b>, ,1,70,72,</p> <p>22. Pulsed Magnetron Sputtering System Power Supply Without Limitation And Forced Interruption Of The Discharge Current,"Bizyukov, A. A.; Sereda, K. N.; Sleptsov, V. V.; Tarasov, I. K.; Chunadra, A. G.",Problems Of Atomic Science And Technology, <b>2013</b>, ,1,225,227.</p> <p>23. Improving Frequency Control Of Temperature Compensated Surface Acoustic Wave Devices,"Mishin, Sergey; Gutkin, Michael; Bizyukov, Alexander; Sleptsov, Vladimir",2013 Joint European Frequency And Time Forum &amp; International Frequency Control Symposium (Eftf/Ifc), <b>2013</b>, ,111,+,</p> <p>24. Charging Processes And Phase States Of Macroparticles In Low-Pressure Arc Discharge,"Bizyukov, A. A.; Chibisov, A. D.; Sereda, K. N.; Romashchenko, E. V.; Dimitrova, V.",Problems Of Atomic Science And</p>
--	--	--	---	--	---

						<p>Technology, <b>2013</b>, ,4,176,178,</p> <p>25. Particle Charging In Beam-Plasma Systems,"Bizyukov, A. A.; Romashchenko, E. V.; Sereda, K. N.; Abolmasov, S. N.",Problems Of Atomic Science And Technology, <b>2013</b>, ,1,183,185,</p> <p>26. Compact Steady-State And High-Flux Falcon Ion Source For Tests Of Plasma-Facing Materials,"Girka, O.; Bizyukov, I.; Sereda, K.; Bizyukov, A.; Gutkin, M.; Sleptsov, V.",Review Of Scientific Instruments, <b>2012</b>, 83,8,,83501</p> <p>27. Mass-Separation Of Impurities In The Ion Beam Systems With Reversed Magnetic Beam Focusing,"Girka, O. I.; Bizyukov, I. A.; Bizyukov, A. A.; Sereda, K. N.; Herashchenko, S. S.",Problems Of Atomic Science And Technology, <b>2012</b>, ,6,105,107,</p> <p>28. Effect Of The Parameters Of A Gas-Discharge Plasma On The Equilibrium Temperature And Floating Potential Of Macroparticle,"Bizyukov, A. A.; Chibisov, A. D.; Romashchenko, E. V.",Problems Of Atomic Science And Technology, <b>2012</b>, ,6,175,177,</p> <p>29. High-Current Pulsed Operation Modes Of The Planar Mss With Magnetically Insulated Anode Without Transition To The Arc Discharge,"Bizyukov, A. A.; Sereda, K. N.; Sleptsov, V. V.; Tarasov, I. K.; Chunadra, A. G.",Problems Of Atomic Science And Technology, <b>2012</b>, ,6,190,192,</p> <p>30. Longitudinal Ion Source With The Current Self-Compensation Of The Focused Ion Beam,"Bizyukov, A. A.; Girka, A. I.; Sereda, K. N.; Sleptsov, V. V.; Romashchenko, E. V.",Plasma Physics Reports, <b>2012</b>, 38,13,1032,1036,</p>
Фізико-технічний	Кафедра теоретично і ядерної фізики та вищої математики імені О.І. Ахієзера	Павленко Іван Вікторович	17	<ol style="list-style-type: none"> <li>Two mechanisms of resonance overlapping in excitation of azimuthal surface waves by rotating relativistic electron beams, <b>2018</b>, Physics of Plasmas,25,5,52111,</li> <li>Excitation of higher radial modes of azimuthal surface waves in the electron cyclotron frequency range by rotating relativistic flow of electrons in cylindrical waveguides partially filled by plasmas, <b>2018</b>, Physics of Plasmas,25,5,52109,</li> <li>Electromagnetic surface wave excitation and energy transport along a plane plasma boundary, <b>2018</b>, Problems of Atomic Science and Technology,118,6,105</li> <li>Buildup of plasma oscillations during modeling the electromagnetic wave propagation, <b>2016</b>, Problems of Atomic Science and Technology,106,6,40</li> <li>Drift resonance and particle removal from helical plasma, <b>2015</b>, Problems of Atomic Science and Technology,95,1,12</li> <li>Excitation of the surface flute waves in electron cyclotron frequency range by internal rotating electron beam in a coaxial waveguide, <b>2014</b>, Physica Scripta,89,12,125605,</li> <li>"3-D discrete dispersion relation, numerical stability, and accuracy of the hybrid FDTD model for cold magnetized toroidal plasma", <b>2014</b>, IEEE Transactions on Antennas and Propagation,62,12,6918408,6307</li> <li>Precision of a ftdtd method to simulate cold magnetized plasmas, <b>2014</b>, Problems of Atomic Science and Technology,94,6,37</li> <li>Excitation of the azimuthal surface waves in electron cyclotron frequency</li> </ol>	11	<ol style="list-style-type: none"> <li>Current Methods For The Assessment Of Oxygen Status And Biotissue Microcirculation Condition: Diffuse Optical Spectroscopy (Review),Sovremennye Tehnologii V Medicine, <b>2018</b>,10,4,183,</li> <li>Hydrodynamic Features Of Gas-Liquid Flow Movement In A Separation Device Plane Channel With An Oscillating Wall,Problemele Energeticii Regionale, <b>2018</b>,3,62,</li> <li>Hypoxic Preconditioning Of The Skin Graft Donor Area: Clinical And Morphological Assessment,Sovremennye Tehnologii V Medicine, <b>2018</b>,10,3,110,</li> <li>Dynamic Analysis Of Centrifugal Machines Rotors Supported On Ball Bearings By Combined Application Of 3d And Beam Finite Element Models,"Xv International Scientific And Engineering Conference Hermetic Sealing, Vibration Reliability And Ecological Safety Of Pump And Compressor Machinery (Hervicon+Pumps-2017)", <b>2017</b>,233,Unsp 012053</li> <li>Buildup Of Plasma Oscillations During Modeling The Electromagnetic Wave Propagation,Problems Of Atomic Science And Technology, <b>2016</b>,6,40,</li> <li>Precision Of A Ftdtd Method To Simulate Cold Magnetized Plasmas,Problems Of Atomic Science And Technology, <b>2014</b>,6,37,</li> <li>Excitation Of High-Frequency Azimuthal Surface Waves By An Annular Electron Beam In A Waveguide With A Noncircular Interface Of The Plasma Column,Plasma Physics Reports, <b>2013</b>,39,5,399,</li> <li>Influence Of The Shape Of The Cross Section Of A Plasma-Dielectric</li> </ol>

				<p>range by rotating electron beam in a coaxial waveguide, <b>2014</b>, IEEE Transactions on Plasma Science,42,3,6727518,735</p> <ol style="list-style-type: none"> <li>10. Excitation of azimuthal surface waves in toroidal waveguide by rotating electron beam at the range of electron cyclotron resonance, <b>2014</b>, Progress In Electromagnetics Research B,57,267</li> <li>11. Excitation of high-frequency azimuthal surface waves by an annular electron beam in a waveguide with a noncircular interface of the plasma column, <b>2013</b>, Plasma Physics Reports,39,5,399</li> <li>12. Effect of the minority ions on the icrf heating of fusion plasmas, <b>2012</b>, Problems of Atomic Science and Technology,6,43</li> <li>13. Effect of plasma rotation on the resonance magnetic perturbations at the edge of tokamak plasmas, <b>2012</b>, Problems of Atomic Science and Technology,6,61</li> <li>14. Coupled azimuthal modes propagating in current-carrying plasma waveguides, <b>2012</b>, Journal of Plasma Physics,78,2,105</li> <li>15. Possibility of excitation of azimuthal surface waves in a magnetized plasma by annular ion beams, <b>2012</b>, Technical Physics Letters,38,2,178</li> <li>16. Influence of the shape of the cross section of a plasma-dielectric interface on the dispersion properties of high-frequency azimuthal surface modes, <b>2012</b>, Plasma Physics Reports,38,2,126</li> <li>17. Influence of the plasma column cross-section non-circularity on the excitation of the azimuthal surface waves in electron cyclotron frequency range by annular electron beam, <b>2012</b>, Progress In Electromagnetics Research M,26,39</li> </ol>		<p>Interface On The Dispersion Properties Of High-Frequency Azimuthal Surface Modes,Plasma Physics Reports, <b>2012</b>,38,2,126,</p> <ol style="list-style-type: none"> <li>9. Possibility Of Excitation Of Azimuthal Surface Waves In A Magnetized Plasma By Annular Ion Beams,Technical Physics Letters, <b>2012</b>,38,2,178,</li> <li>10. Effect Of The Minority Ions On The Icrf Heating Of Fusion Plasmas,Problems Of Atomic Science And Technology, <b>2012</b>,6,43,</li> <li>11. Effect Of Plasma Rotation On The Resonance Magnetic Perturbations At The Edge Of Tokamak Plasmas,Problems Of Atomic Science And Technology, <b>2012</b>,6,61,</li> </ol>
Фізико-технічний	Кафедра ядерної та медичної фізики	Раткевич Сергій Станіславович	31	<ol style="list-style-type: none"> <li>1. 2K-Capture in 124Xe: Results of Data Processing for an Exposure of 37.7 kg day, <b>2018</b>, Physics of Particles and Nuclei,49,4,563</li> <li>2. Search for Variations of 213Po Half-Life, <b>2018</b>, Physics of Particles and Nuclei,49,4,557</li> <li>3. Results of In-Depth Analysis of Data Obtained in the Experimental Search for 2K(2ν)-Capture in 78Kr, <b>2018</b>, Physics of Particles and Nuclei,49,4,540</li> <li>4. Results of Searching for Solar Hadronic Axions Emitted in the M1 Transition in 83Kr Nuclei, <b>2018</b>, Physics of Particles and Nuclei,49,4,599</li> <li>5. New Constraints on the Axion-Photon Coupling Constant for Solar Axions, <b>2018</b>, JETP Letters,107,10,589</li> <li>6. Search for two-neutrino 2K capture in 124Xe: the method and preliminary results, <b>2018</b>, Physics of Particles and Nuclei,49,1,36</li> <li>7. Search for resonant absorption of solar axions emitted in M1-transitions in 83Kr nuclei: Second stage of the experiment, <b>2018</b>, Physics of Particles and Nuclei,49,1,94</li> <li>8. Recent Results of Search for Solar Axions Using Resonant Absorption by 83Kr nuclei, <b>2017</b>, Journal of Physics: Conference Series,934,1,12018,</li> <li>9. Comparative study of the double- K -shell-vacancy production in single- and double-electron-capture decay, <b>2017</b>, Physical Review C,96,6,65502,</li> <li>10. Observation of daily and annular variations in the 214Po half-life, <b>2017</b>, Physics of Particles and Nuclei,48,6,873</li> <li>11. The origin of the background radioactive isotope 127Xe in the sample of Xe enriched in 124Xe, <b>2017</b>, Physics of Particles and Nuclei,48,1,42</li> </ol>	26	<ol style="list-style-type: none"> <li>1. Search For Resonant Absorption Of Solar Axions Emitted In M1-Transitions In Kr-83 Nuclei: Second Stage Of The Experiment,Physics Of Particles And Nuclei, <b>2018</b>,49,1,94,</li> <li>2. Results Of In-Depth Analysis Of Data Obtained In The Experimental Search For 2k(2 Nu)-Capture In Kr-78,Physics Of Particles And Nuclei, <b>2018</b>,49,4,540,</li> <li>3. Search For Variations Of Po-213 Half-Life,Physics Of Particles And Nuclei, <b>2018</b>,49,4,557,</li> <li>4. 2k-Capture In Xe-124: Results Of Data Processing For An Exposure Of 37.7 Kg Day,Physics Of Particles And Nuclei, <b>2018</b>,49,4,563,</li> <li>5. Results Of Searching For Solar Hadronic Axions Emitted In The M1 Transition In Kr-83 Nuclei,Physics Of Particles And Nuclei, <b>2018</b>,49,4,599,</li> <li>6. Search For Two-Neutrino 2k Capture In Xe-124: The Method And Preliminary Results,Physics Of Particles And Nuclei, <b>2018</b>,49,1,36,</li> <li>7. Comparative Study Of The Double-K-Shell-Vacancy Production In Single-And Double-Electron-Capture Decay,Physical Review C, <b>2017</b>,96,6,65502</li> <li>8. Search For 2k(2 Nu)-Capture Of Xe-124,Physics Of Particles And Nuclei, <b>2017</b>,48,1,38,</li> <li>9. Some Features And Results Of Thermal Neutron Background Measurements With The [Zns(Ag)+(Lif)-Li-6] Scintillation Detector,Nuclear Instruments &amp; Methods In Physics Research Section A-Accelerators Spectrometers Detectors And Associated Equipment,</li> </ol>

			<ol style="list-style-type: none"> <li>12. Search for 2K(2v)-capture of <math>^{124}\text{Xe}</math>, <b>2017</b>, Physics of Particles and Nuclei,48,1,38</li> <li>13. Some features and results of thermal neutron background measurements with the <math>[\text{ZnS}(\text{Ag})+6\text{LiF}]</math> scintillation detector, <b>2017</b>, "Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment",841,156</li> <li>14. The study of the thermal neutron flux in the deep underground laboratory DULB-4900, <b>2017</b>, Physics of Particles and Nuclei,48,1,34</li> <li>15. Results of a search for daily and annual variations of the <math>^{214}\text{Po}</math> half-life at the two year observation period, <b>2016</b>, Physics of Particles and Nuclei,47,6,986</li> <li>16. A Study of Radioactive Contamination of 40 Ca 100 MoO 4 Crystals for the AMoRE Experiment, <b>2016</b>, IEEE Transactions on Nuclear Science,63,2,7454879,543</li> <li>17. A technique for searching for the 2K capture in <math>^{124}\text{Xe}</math> with a copper proportional counter, <b>2015</b>, Physics of Atomic Nuclei,78,13,1563</li> <li>18. High-resolution ion pulse ionization chamber with air filling for the <math>^{222}\text{Rn}</math> decays detection, <b>2015</b>, "Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment",801,27</li> <li>19. New experiment on search for the resonance absorption of solar axion emitted in the M1 transition of <math>^{83}\text{Kr}</math> nuclei, <b>2015</b>, JETP Letters,101,10,664</li> <li>20. Sources of the systematic errors in measurements of <math>^{214}\text{Po}</math> decay half-life time variations at the Baksan deep underground experiments, <b>2015</b>, Physics of Particles and Nuclei,46,2,157</li> <li>21. First result of the experimental search for the 2K-capture of <math>^{124}\text{Xe}</math> with the copper proportional counter, <b>2015</b>, Physics of Particles and Nuclei,46,2,147</li> <li>22. First result of the experimental search for the 9.4 keV solar axion reactions with <math>^{83}\text{Kr}</math> in the copper proportional counter, <b>2015</b>, Physics of Particles and Nuclei,46,2,152</li> <li>23. "Background radioactivity of construction materials, raw substance and ready-made <math>\text{CaMoO}_4</math> crystals", <b>2014</b>, EPJ Web of Conferences,65,3002,</li> <li>24. Working characteristics of the New Low-Background Laboratory (DULB-4900), <b>2013</b>, "Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment",729,576</li> <li>25. Results of experiments devoted to searches for 2K capture on <math>^{78}\text{Kr}</math> and for the double-beta decay of <math>^{136}\text{Xe}</math> with the aid of proportional counters, <b>2013</b>, Physics of Atomic Nuclei,76,9,1063</li> <li>26. Experimental test of the time stability of the half-life of alpha-decay <math>^{214}\text{Po}</math> nuclei, <b>2013</b>, Astroparticle Physics,46,23</li> <li>27. Indications of <math>2\nu 2\text{K}</math> capture in <math>^{78}\text{Kr}</math>, <b>2013</b>, Physical Review C - Nuclear Physics,87,3,35501,</li> <li>28. Radiative strength functions for dipole transitions in <math>^{90}\text{Zr}</math>, <b>2013</b>, Physics of Atomic Nuclei,76,1,44</li> <li>29. A study of <math>\text{CaMoO}_4</math> crystals for the AMoRE Experiment, <b>2012</b>, IEEE Nuclear Science Symposium Conference Record,6551459,1987</li> <li>30. Scintillation properties and internal background study of 40 Ca 100 MoO 4 crystal scintillators for neutrino-less double beta decay search, <b>2012</b>, IEEE</li> </ol>	<ol style="list-style-type: none"> <li><b>2017</b>,841,156,</li> <li>10. The Study Of The Thermal Neutron Flux In The Deep Underground Laboratory Dulb-4900,Physics Of Particles And Nuclei, <b>2017</b>,48,1,34,</li> <li>11. Observation Of Daily And Annular Variations In The Po-214 Half-Life,Physics Of Particles And Nuclei, <b>2017</b>,48,6,873,</li> <li>12. Recent Results Of Search For Solar Axions Using Resonant Absorption By <math>^{83}\text{Kr}</math> Nuclei,3rd International Conference On Particle Physics And Astrophysics (Icppa 2017), <b>2017</b>,934,Unsp 012018</li> <li>13. The Origin Of The Background Radioactive Isotope Xe-127 In The Sample Of Xe Enriched In <math>^{124}\text{Xe}</math>,Physics Of Particles And Nuclei, <b>2017</b>,48,1,42,</li> <li>14. Results Of A Search For Daily And Annual Variations Of The Po-214 Half-Life At The Two Year Observation Period,Physics Of Particles And Nuclei, <b>2016</b>,47,6,986,</li> <li>15. A Technique For Searching For The 2k Capture In <math>^{124}\text{Xe}</math> With A Copper Proportional Counter,Physics Of Atomic Nuclei, <b>2015</b>,78,13,1563,</li> <li>16. New Experiment On Search For The Resonance Absorption Of Solar Axion Emitted In The M1 Transition Of <math>^{83}\text{Kr}</math> Nuclei,Jetp Letters, <b>2015</b>,101,10,664,</li> <li>17. First Result Of The Experimental Search For The 2k-Capture Of <math>^{124}\text{Xe}</math> With The Copper Proportional Counter,Physics Of Particles And Nuclei, <b>2015</b>,46,2,147,</li> <li>18. Sources Of The Systematic Errors In Measurements Of Po-214 Decay Half-Life Time Variations At The Baksan Deep Underground Experiments,Physics Of Particles And Nuclei, <b>2015</b>,46,2,157,</li> <li>19. High-Resolution Ion Pulse Ionization Chamber With Air Filling For The <math>^{222}\text{Rn}</math> Decays Detection,Nuclear Instruments &amp; Methods In Physics Research Section A-Accelerators Spectrometers Detectors And Associated Equipment, <b>2015</b>,801,27,</li> <li>20. First Result Of The Experimental Search For The 9.4 Kev Solar Axion Reactions With <math>^{83}\text{Kr}</math> In The Copper Proportional Counter,Physics Of Particles And Nuclei, <b>2015</b>,46,2,152,</li> <li>21. "Background Radioactivity Of Construction Materials, Raw Substance And Ready-Made <math>\text{CaMoO}_4</math> Crystals",Rpscint 2013 - International Workshop On Radiopure Scintillators, <b>2014</b>,65,Unsp 03002</li> <li>22. Indications Of <math>2\nu 2\text{K}</math> Capture In <math>^{78}\text{Kr}</math>,Physical Review C, <b>2013</b>,87,3,35501</li> <li>23. Working Characteristics Of The New Low-Background Laboratory (Dulb-4900),Nuclear Instruments &amp; Methods In Physics Research Section A- Accelerators Spectrometers Detectors And Associated Equipment, <b>2013</b>,729,576,</li> <li>24. Results Of Experiments Devoted To Searches For 2k Capture On <math>^{78}\text{Kr}</math> And For The Double-Beta Decay Of <math>^{136}\text{Xe}</math> With The Aid Of Proportional Counters,Physics Of Atomic Nuclei, <b>2013</b>,76,9,1063,</li> <li>25. Experimental Test Of The Time Stability Of The Half-Life Of Alpha-Decay Po-214 Nuclei,Astroparticle Physics, <b>2013</b>,46,23,</li> <li>26. Radiative Strength Functions For Dipole Transitions In <math>^{90}\text{Zr}</math>,Physics Of Atomic Nuclei, <b>2013</b>,76,1,44,</li> </ol>
--	--	--	--	--

				Transactions on Nuclear Science,59,5 PART 2,6236260,2214 31. AMoRE experiment: A search for neutrinoless double beta decay of 100 Mo isotope with 40 Ca 100 MoO 4 cryogenic scintillation detector, <b>2012</b> , Journal of Physics: Conference Series,375,PART 4,42023,		
Фізико-технічний	Кафедра теоретично і ядерної фізики та вищої математики імені О.І. Ахієзера	Бережної Юрій Анатолійович	10	<ol style="list-style-type: none"> <li>de Haas–van Alphen Effect and Oscillation of the Metal Magnetization, <b>2018</b>, Journal of Low Temperature Physics,193,01.февр,39</li> <li>Strong absorption model with antisymmetric S-matrix, <b>2018</b>, International Journal of Modern Physics E,27,8,1850066,</li> <li>Unified S-matrix analysis of Airy structures in <math>\alpha</math>+24Mg elastic and inelastic scattering, <b>2018</b>, International Journal of Modern Physics D,</li> <li>Unified S -matrix analysis of Airy structures in <math>\alpha + 24</math> Mg elastic and inelastic scattering, <b>2018</b>, International Journal of Modern Physics E,27,7,8500611,</li> <li>Elastic electron scattering from 4N nuclei in the <math>\alpha</math> -cluster model with dispersion, <b>2017</b>, European Physical Journal A,53,6,125,</li> <li>Analysis of <math>\alpha - 12</math> C elastic scattering at intermediate energies by the S -matrix model, <b>2017</b>, International Journal of Modern Physics E,26,5,1750027,</li> <li>Polarization of protons in the optical model, <b>2017</b>, Chinese Physics C,41,2,24102,</li> <li>Intermediate energy multiple scattering of particles by light <math>\alpha</math>-cluster nuclei, <b>2015</b>, International Journal of Modern Physics E,24,4,1530004,</li> <li>Intermediate-energy deuteron scattering from <math>\alpha</math>-cluster nuclei, <b>2014</b>, Physical Review C - Nuclear Physics,90,1,14611,</li> <li>Elastic deuteron scattering on 12C and 16O nuclei in the alpha-cluster model, <b>2013</b>, Physics of Atomic Nuclei,76,7,862</li> </ol>	10	<ol style="list-style-type: none"> <li>De Haas-Van Alphen Effect And Oscillation Of The Metal Magnetization,"Berezhnoy, Yu A.; Zolotarev, V. A.",Journal Of Low Temperature Physics, <b>2018</b>, 193,1-2,39,</li> <li>Strong Absorption Model With Antisymmetric S-Matrix,"Berezhnoy, Yu. A.; Molev, A. S.",International Journal Of Modern Physics E, <b>2018</b>, 27,8,1850066</li> <li>Unified S-Matrix Analysis Of Airy Structures In Alpha+Mg-24 Elastic And Inelastic Scattering,"Berezhnoy, Yu. A.; Molev, A. S.; Onyshchenko, G. M.; Pilipenko, V. V.",International Journal Of Modern Physics E-Nuclear Physics, <b>2018</b>, 27,7,1850061</li> <li>Analysis Of Alpha-C-12 Elastic Scattering At Intermediate Energies By The S-Matrix Model,"Berezhnoy, Yu. A.; Onyshchenko, G. M.; Pilipenko, V. V.",International Journal Of Modern Physics E-Nuclear Physics, <b>2017</b>, 26,5,1750027</li> <li>Elastic Electron Scattering From 4n Nuclei In The Alpha-Cluster Model With Dispersion,"Berezhnoy, Yu. A.; Mikhailyuk, V. P.",European Physical Journal A, <b>2017</b>, 53,6,125</li> <li>Polarization Of Protons In The Optical Model,"Berezhnoy, Yu. A.; Mikhailyuk, V. P.",Chinese Physics C, <b>2017</b>, 41,2,24102</li> <li>Intermediate Energy Multiple Scattering Of Particles By Light Alpha-Cluster Nuclei,"Berezhnoy, Yu. A.; Mikhailyuk, V. P.; Pilipenko, V. V.",International Journal Of Modern Physics E-Nuclear Physics, <b>2015</b>, 24,4,1530004</li> <li>Intermediate-Energy Deuteron Scattering From Alpha-Cluster Nuclei,"Berezhnoy, Yu. A.; Fedorchenko, D. V.; Pilipenko, V. V.; Mikhailyuk, V. P.",Physical Review C, <b>2014</b>, 90,1,14611</li> <li>Elastic Deuteron Scattering On C-12 And O-16 Nuclei In The Alpha-Cluster Model,"Berezhnoy, Yu. A.; Mikhailyuk, V. P.; Pilipenko, V. V.; Fedorchenko, D. V.",Physics Of Atomic Nuclei, <b>2013</b>, 76,7,862,</li> <li>Polarization Phenomena In The Intermediate Energy Elastic Deuteron Scattering From C-16 And O-16 Nuclei,"Berezhnoy, Yu. A.; Fedorchenko, D. V.; Mikhailyuk, V. P.; Pilipenko, V. V.",European Physical Journal A, <b>2012</b>, 48,1,4</li> </ol>
Фізико-технічний	Кафедра ядерної та медичної фізики	Трусова Валерія Михайлівна	32	<ol style="list-style-type: none"> <li>Journal of Molecular Liquids,274,338</li> <li>Lipid Bilayer Interactions of Amyloidogenic N-Terminal Fragment of Apolipoprotein A-I Probed by Förster Resonance Energy Transfer and Molecular Dynamics Simulations, <b>2018</b>, Journal of Fluorescence,28,5,1037</li> <li>Molecular dynamics simulations of lysozyme–lipid systems: probing the early steps of protein aggregation, <b>2018</b>, Journal of Biomolecular Structure and Dynamics,36,9,2249</li> <li>Förster Resonance Energy Transfer Study of Cytochrome c—Lipid Interactions, <b>2018</b>, Journal of Fluorescence,28,1,79</li> <li>Liposomal Co-Encapsulation of Two Novel Europium Complexes and Doxorubicin: Fluorescence Study, <b>2017</b>, Journal of Fluorescence,27,4,1359</li> </ol>	40	<ol style="list-style-type: none"> <li>Molecular Dynamics Simulations Of Lysozyme-Lipid Systems: Probing The Early Steps Of Protein Aggregation,Journal Of Biomolecular Structure &amp; Dynamics, <b>2018</b>,36,9,2249,</li> <li>Lipid Bilayer Interactions Of Amyloidogenic N-Terminal Fragment Of Apolipoprotein A-I Probed By Forster Resonance Energy Transfer And Molecular Dynamics Simulations,Journal Of Fluorescence, <b>2018</b>,28,5,1037,</li> <li>Novel Cyanine Dyes As Potential Amyloid Probes: A Fluorescence Study,East European Journal Of Physics, <b>2018</b>,5,1,41,</li> <li>Modelization Of Amyloid Fibril Self-Assembly,East European Journal Of Physics, <b>2018</b>,5,1,47,</li> </ol>

			<ol style="list-style-type: none"> <li>6. Fluorescence study of the effect of the oxidized phospholipids on amyloid fibril formation by the apolipoprotein A-I N-terminal fragment, <b>2017</b>, Chemical Physics Letters,688,1</li> <li>7. Aggregation behavior of novel heptamethine cyanine dyes upon their binding to native and fibrillar lysozyme, <b>2017</b>, Molecular BioSystems,13,5,970</li> <li>8. Novel benzanthrone probes for membrane and protein studies, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34007.</li> <li>9. Combined thioflavin T-Congo red fluorescence assay for amyloid fibril detection, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34010,</li> <li>10. Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic characterization in presence of biological molecules, <b>2016</b>, Journal of Photochemistry and Photobiology A: Chemistry,328,87</li> <li>11. Novel asymmetric monomethine cyanine dyes derived from sulfobetaine benzothiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA, <b>2016</b>, Dyes and Pigments,130,122</li> <li>12. Probing protein-lipid interactions by FRET between membrane fluorophores, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34014,</li> <li>13. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects, <b>2016</b>, Journal of Fluorescence,26,1,177</li> <li>14. Amyloid fibrils: Dark side of protein aggregation, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333123,</li> <li>15. Aggregation of cyanine dyes in lipid environment, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333131,</li> <li>16. FRET evidence for untwisting of amyloid fibrils on the surface of model membranes, <b>2015</b>, Soft Matter,11,31,6223</li> <li>17. "Protein Fibrillar Nanopolymers: Molecular-Level Insights into Their Structural, Physical and Mechanical Properties", <b>2015</b>, Biophysical Reviews and Letters,10,3,135</li> <li>18. Thioflavin T derivatives for the characterization of insulin and lysozyme amyloid fibrils in vitro: Fluorescence and quantum-chemical studies, <b>2015</b>, Journal of Luminescence,159,284</li> <li>19. Interactions of lipid membranes with fibrillar protein aggregates, <b>2015</b>, Advances in Experimental Medicine and Biology,855,135</li> <li>20. Membrane effects of N-terminal fragment of apolipoprotein A-I: A fluorescent probe study, <b>2015</b>, Journal of Fluorescence,25,2,253</li> <li>21. Structural aspects of cytochrome c-cardiolipin interactions: Förster resonance energy transfer study, <b>2014</b>, "Cytochromes b and c: Biochemical Properties, Biological Functions and Electrochemical Analysis",173</li> <li>22. Newly synthesized benzanthrone derivatives as prospective fluorescent membrane probes, <b>2014</b>, Journal of Luminescence,146,307</li> <li>23. Fluorescence investigation of interactions between novel benzanthrone dyes and lysozyme amyloid fibrils, <b>2014</b>, Journal of Fluorescence,24,2,493</li> <li>24. Location of novel benzanthrone dyes in model membranes as revealed by resonance energy transfer, <b>2014</b>, Journal of Fluorescence,24,3,899</li> <li>25. Interaction of Thioflavin T with amyloid fibrils of apolipoprotein A-I N-terminal fragment: Resonance energy transfer study, <b>2014</b>, Journal of</li> </ol>	<ol style="list-style-type: none"> <li>5. Forster Resonance Energy Transfer Study Of Cytochrome C-Lipid Interactions,Journal Of Fluorescence, <b>2018</b>,28,1,79,</li> <li>6. Aggregation Behavior Of Novel Heptamethine Cyanine Dyes Upon Their Binding To Native And Fibrillar Lysozyme,Molecular Biosystems, <b>2017</b>,13,5,970,</li> <li>7. Fluorescence Study Of The Effect Of The Oxidized Phospholipids On Amyloid Fibril Formation By The Apolipoprotein A-I N-Terminal Fragment,Chemical Physics Letters, <b>2017</b>,688,1,</li> <li>8. Liposomal Co-Encapsulation Of Two Novel Europium Complexes And Doxorubicin: Fluorescence Study,Journal Of Fluorescence, <b>2017</b>,27,4,1359,</li> <li>9. Spectral Behavior Of Indicator Dyes In The Model Protein - Lipid Systems,East European Journal Of Physics, <b>2017</b>,4,4,18,</li> <li>10. Thioflavin T Binding To The Model Fibrils Of Lysozyme: The Effects Of Fibril Twisting,East European Journal Of Physics, <b>2017</b>,4,4,30,</li> <li>11. Effect Of Amyloid Fibrils On Electrokinetic Properties Of Lipid Vesicles,East European Journal Of Physics, <b>2017</b>,4,2,19,</li> <li>12. Molecular Dynamics Study Of Cytochrome C - Lipid Complexes,East European Journal Of Physics, <b>2017</b>,4,3,54,</li> <li>13. Auramine O As Potential Amyloid Marker: Fluorescence And Molecular Docking Studies,East European Journal Of Physics, <b>2017</b>,4,3,63,</li> <li>14. Novel Asymmetric Monomethine Cyanine Dyes Derived From Sulfobetaine Benzothiazolium Moiety As Potential Fluorescent Dyes For Non-Covalent Labeling Of Dna,Dyes And Pigments, <b>2016</b>,130,122,</li> <li>15. Combined Thioflavin T-Congo Red Fluorescence Assay For Amyloid Fibril Detection,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34010</li> <li>16. Novel Synthetic Approach To Near-Infrared Heptamethine Cyanine Dyes And Spectroscopic Characterization In Presence Of Biological Molecules,Journal Of Photochemistry And Photobiology A-Chemistry, <b>2016</b>,328,87,</li> <li>17. Novel Benzanthrone Probes For Membrane And,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34007</li> <li>18. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach And Studies On Photophysical Properties Upon Interaction With Bio-Objects,Journal Of Fluorescence, <b>2016</b>,26,1,177,</li> <li>19. Probing Protein-Lipid Interactions By Fret Between Membrane Fluorophores,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34014</li> <li>20. Novel Fluorescent Near-Infrared Agent For Biomedical Applications,East European Journal Of Physics, <b>2016</b>,3,3,25,</li> <li>21. Thioflavin T Derivatives For The Characterization Of Insulin And Lysozyme Amyloid Fibrils In Vitro: Fluorescence And Quantum-Chemical Studies,Journal Of Luminescence, <b>2015</b>,159,284,</li> <li>22. Membrane Effects Of N-Terminal Fragment Of Apolipoprotein A-I: A Fluorescent Probe Study,Journal Of Fluorescence, <b>2015</b>,25,2,253,</li> <li>23. Fret Evidence For Untwisting Of Amyloid Fibrils On The Surface Of Model Membranes,Soft Matter, <b>2015</b>,11,31,6223,</li> <li>24. Modeling Of Amyloid Fibril Binding To The Lipid Bilayer,East European</li> </ol>
--	--	--	---	---



				<p>Structural Biology,185,1,116</p> <p>26. Fluorescence study of the membrane effects of aggregated lysozyme, <b>2013</b>, Journal of Fluorescence,23,6,1229</p> <p>27. Europium coordination complexes as potential anticancer drugs: Their partitioning and permeation into lipid bilayers as revealed by pyrene fluorescence quenching, <b>2013</b>, Journal of Fluorescence,23,1,193</p> <p>28. The effect of lysozyme amyloid fibrils on cytochrome c-lipid interactions, <b>2012</b>, Chemistry and Physics of Lipids,165,7,769</p> <p>29. Fluorescence study on aggregated lysozyme and lipid bilayer interactions, <b>2012</b>, Journal of Photochemistry and Photobiology B: Biology,113,51</p> <p>30. Novel benzanthrone aminoderivatives for membrane studies, <b>2012</b>, Journal of Fluorescence,22,3,953</p> <p>31. Novel aminobenzanthrone dyes for amyloid fibril detection, <b>2012</b>, Chemical Physics Letters,532,110</p> <p>32. Membrane effects of lysozyme amyloid fibrils, <b>2012</b>, Chemistry and Physics of Lipids,165,3,331</p> <p>33. Modulation of physiological and pathological activities of lysozyme by biological membranes, <b>2012</b>, Cellular and Molecular Biology Letters,17,3,349</p>		<p>Journal Of Physics, <b>2015</b>,2,2,51,</p> <p>25. Aggregation Of Cyanine Dyes In Lipid Environment,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</p> <p>26. Amyloid Fibrils: Dark Side Of Protein Aggregation,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</p> <p>27. Interactions Of Lipid Membranes With Fibrillar Protein Aggregates,Lipids In Protein Misfolding, <b>2015</b>,855,135,</p> <p>28. Newly Synthesized Benzanthrone Derivatives As Prospective Fluorescent Membrane Probes,Journal Of Luminescence, <b>2014</b>,146,307,</p> <p>29. Interaction Of Thioflavin T With Amyloid Fibrils Of Apolipoprotein A-I N-Terminal Fragment: Resonance Energy Transfer Study,Journal Of Structural Biology, <b>2014</b>,185,1,116,</p> <p>30. Location Of Novel Benzanthrone Dyes In Model Membranes As Revealed By Resonance Energy Transfer,Journal Of Fluorescence, <b>2014</b>,24,3,899,</p> <p>31. Europium Coordination Complexes As Potential Anticancer Drugs: Their Partitioning And Permeation Into Lipid Bilayers As Revealed By Pyrene Fluorescence Quenching,Journal Of Fluorescence, <b>2013</b>,23,1,193,</p> <p>32. Fluorescence Study Of The Membrane Effects Of Aggregated Lysozyme,Journal Of Fluorescence, <b>2013</b>,23,6,1229,</p> <p>33. Thioflavin T Binding To Fibrillar Variants Of Apolipoprotein A-I-N-Terminal Fragment,European Biophysics Journal With Biophysics Letters, <b>2013</b>,42,S188,</p> <p>34. In Vitro Characterization Of Amyloid Fibrils With Novel Aminobenzanthrone Dyes,European Biophysics Journal With Biophysics Letters, <b>2013</b>,42,S72,</p> <p>35. Membrane Effects Of Lysozyme Amyloid Fibrils,Chemistry And Physics Of Lipids, <b>2012</b>,165,3,331,</p> <p>36. Novel Benzanthrone Aminoderivatives For Membrane Studies,Journal Of Fluorescence, <b>2012</b>,22,3,953,</p> <p>37. Novel Aminobenzanthrone Dyes For Amyloid Fibril Detection,Chemical Physics Letters, <b>2012</b>,532,110,</p> <p>38. Modulation Of Physiological And Pathological Activities Of Lysozyme By Biological Membranes,Cellular &amp; Molecular Biology Letters, <b>2012</b>,17,3,349,</p> <p>39. The Effect Of Lysozyme Amyloid Fibrils On Cytochrome C-Lipid Interactions,Chemistry And Physics Of Lipids, <b>2012</b>,165,7,769,</p> <p>40. Fluorescence Study On Aggregated Lysozyme And Lipid Bilayer Interactions,Journal Of Photochemistry And Photobiology B-Biology, <b>2012</b>,113,51,</p>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Бобков Валентин Васильович	19	<p>1. SIMS Study of Hydrogen Interaction with the LaNi5 Alloy Surface, <b>2018</b>, Journal of Surface Investigation,12,3,576</p> <p>2. On excited particle formation in crossed E×H fields, <b>2018</b>, Vacuum,149,124</p> <p>3. Implantation of deuterium and helium ions into composite structure with tantalum coating, <b>2018</b>, Problems of Atomic Science and Technology,118,6,63</p> <p>4. SIMS study of the surface of lanthanum-based alloys, <b>2017</b>, Ukrainian Journal of Physics,62,10,845</p>	18	<p>1. On Excited Particle Formation In Crossed Exh Fields,Vacuum, <b>2018</b>,149,124</p> <p>2. Sims Study Of Hydrogen Interaction With The Lani5 Alloy Surface,Journal Of Surface Investigation, <b>2018</b>,12,3,576</p> <p>3. Implantation Of Deuterium And Helium Ions Into Composite Structure With Tantalum Coating,Problems Of Atomic Science And Technology, <b>2018</b>,6,63</p> <p>4. Sims Study Of The Surface Of Lanthanum-Based Alloys,Ukrainian Journal Of Physics, <b>2017</b>,62,10,845</p>

				<ol style="list-style-type: none"> <li>5. Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions, <b>2017</b>, Journal of Surface Investigation,11,1,146</li> <li>6. Sims study of the surface of TiFe hydride forming alloy, <b>2017</b>, Ukrainian Journal of Physics,62,3,195</li> <li>7. Effect of annealing on the secondary particles emission from the zirconium alloy surface, <b>2017</b>, Problems of Atomic Science and Technology,110,4,39</li> <li>8. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, <b>2016</b>, Journal of Surface Investigation,10,6,1239</li> <li>9. On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet, <b>2016</b>, Vacuum,129,148</li> <li>10. Sequential implantations of deuterium and helium ions into tungsten-coated composite structures, <b>2016</b>, Problems of Atomic Science and Technology,106,6,73</li> <li>11. The study of surface of alloys for hydrogen storage by SIMS, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333250,</li> <li>12. Deuterium-ion implantation into composite structures with tungsten coatings, <b>2014</b>, Journal of Surface Investigation,8,5,853</li> <li>13. Exposure of tungsten surface to high-flux of helium and argon ions, <b>2014</b>, Problems of Atomic Science and Technology,94,6,80</li> <li>14. SIMS investigation of the processes of gas release from zirconium-based getter alloy, <b>2014</b>, Bulletin of the Russian Academy of Sciences: Physics,78,6,526</li> <li>15. Ion-photon emission under ion bombardment of garnet structures of different composition, <b>2014</b>, Vacuum,105,91</li> <li>16. Effect of modification sapphire surface under ion irradiation on the excited particles yield, <b>2013</b>, Problems of Atomic Science and Technology,87,5,33</li> <li>17. Ion-photon emission of metal-containing organic dyes, <b>2012</b>, Journal of Surface Investigation,6,4,664</li> <li>18. SIMS investigations of hydrogen interaction with a zirconium getter alloy surface, <b>2012</b>, Bulletin of the Russian Academy of Sciences: Physics,76,5,553</li> <li>19. Characteristic features of ion-photon emission from yttrium-iron garnets, <b>2012</b>, Vacuum,86,10,1624</li> </ol>		<ol style="list-style-type: none"> <li>5. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, <b>2017</b>,4,39</li> <li>6. Sims Study Of The Surface Of Tife Hydride Forming Alloy,Ukrainian Journal Of Physics, <b>2017</b>,62,3,195</li> <li>7. Comparison Of The Main Parameters Of The Ion-Photon Emission Of Titanium Atoms And Singly Charged Ions,Journal Of Surface Investigation, <b>2017</b>,11,1,146</li> <li>8. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,Journal Of Surface Investigation, <b>2016</b>,10,6,1239</li> <li>9. On The Mechanisms Of Formation Of Excited Yttrium Atoms Under Ion Bombardment Of Yttrium And Yttrium-Aluminum Garnet,Vacuum, <b>2016</b>,129,148</li> <li>10. Sequential Implantations Of Deuterium And Helium Ions Into Tungsten-Coated Composite Structures,Problems Of Atomic Science And Technology, <b>2016</b>,6,73</li> <li>11. Hydrogen Isotope Retention And Lattice Damage In The Constructive Materials Irradiated With H+/D+ Ions,East European Journal Of Physics, <b>2016</b>,3,3,47</li> <li>12. The Study Of Surface Of Alloys For Hydrogen Storage By Sims,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</li> <li>13. About Using Of Secondary Ion Mass Spectrometry Method For Research Of Bioorganic Objects,East European Journal Of Physics, <b>2015</b>,2,4,58</li> <li>14. Ion-Photon Emission Under Ion Bombardment Of Garnet Structures Of Different Composition,Vacuum, <b>2014</b>,105,91</li> <li>15. Exposure Of Tungsten Surface To High-Flux Of Helium And Argon Ions,Problems Of Atomic Science And Technology, <b>2014</b>,6,80</li> <li>16. Effect Of Modification Sapphire Surface Under Ion Irradiation On The Excited Particles Yield,Problems Of Atomic Science And Technology, <b>2013</b>,5,33</li> <li>17. Characteristic Features Of Ion-Photon Emission From Yttrium-Iron Garnets,Vacuum, <b>2012</b>,86,10,1624</li> <li>18. Ion-Photon Emission Of Metal-Containing Organic Dyes,Journal Of Surface Investigation-X-Ray Synchrotron And Neutron Techniques, <b>2012</b>,6,4,664</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Дудін Станіслав Валентинович	22	<ol style="list-style-type: none"> <li>1. Mechanical properties of tantalum-based ceramic coatings for biomedical applications, <b>2018</b>, Journal of Physics: Conference Series,992,1,12034,</li> <li>2. Structural and mechanical properties of hydroxyapatite coatings formed by ion-beam assisted deposition, <b>2018</b>, Journal of Physics: Conference Series,992,1,12035,</li> <li>3. Conversion of carbon dioxide in low-pressure plasma, <b>2018</b>, Problems of Atomic Science and Technology,118,6,194</li> <li>4. Investigation of DC glow discharge in CO2 using optical emission spectroscopy, <b>2018</b>, Problems of Atomic Science and Technology,118,6,206</li> <li>5. Design and research of combined magnetron-ion-beam sputtering system, <b>2018</b>, Problems of Atomic Science and Technology,118,6,263</li> </ol>	24	<ol style="list-style-type: none"> <li>1. Conversion Of Carbon Dioxide In Low-Pressure Plasma,Problems Of Atomic Science And Technology, <b>2018</b>,6,194,</li> <li>2. Investigation Of Dc Glow Discharge In Co2 Using Optical Emission Spectroscopy,Problems Of Atomic Science And Technology, <b>2018</b>,6,206,</li> <li>3. Design And Research Of Combined Magnetron-Ion-Beam Sputtering System,Problems Of Atomic Science And Technology, <b>2018</b>,6,263,</li> <li>4. Mechanical Properties Of Tantalum-Based Ceramic Coatings For Biomedical Applications,"20th International Summer School On Vacuum, Electron And Ion Technologies, 2017", <b>2018</b>,992,Unsp 012034</li> <li>5. Structural And Mechanical Properties Of Hydroxyapatite Coatings Formed By Ion-Beam Assisted Deposition,"20th International Summer School On Vacuum, Electron And Ion Technologies, 2017", <b>2018</b>,992,Unsp 012035</li> </ol>

				<ol style="list-style-type: none"> <li>6. Comparative study of the hydroxyapatite coatings prepared with/without substrate bias, <b>2017</b>, <i>Ceramics International</i>,43,17,14968</li> <li>7. Electric field non-uniformity effect on dc low pressure gas breakdown between flat electrodes, <b>2017</b>, <i>Vacuum</i>,145,19</li> <li>8. Heuristic solution of Langmuir problem in arbitrary domain, <b>2017</b>, <i>Ukrainian Journal of Physics</i>,62,1,33</li> <li>9. Plasma assisted deposition of TaB2 coatings by magnetron sputtering system, <b>2017</b>, <i>Problems of Atomic Science and Technology</i>,107,1,187</li> <li>10. Synthesis of thin-film TA2O5 coatings by reactive magnetron sputtering, <b>2016</b>, <i>Problems of Atomic Science and Technology</i>,106,6,248</li> <li>11. Forming a unipolar pulsed discharge in nitrogen, <b>2016</b>, <i>Problems of Atomic Science and Technology</i>,106,6,227</li> <li>12. Magnetized retarding field energy analyzer measuring the particle flux and ion energy distribution of both positive and negative ions, <b>2015</b>, <i>Review of Scientific Instruments</i>,86,5,53302,</li> <li>13. Double magnetron cluster set-up for synthesis of micro and nano structure coatings, <b>2015</b>, <i>Problems of Atomic Science and Technology</i>,95,1,187</li> <li>14. Influence of secondary electron emission on the RF gas breakdown, <b>2013</b>, <i>Problems of Atomic Science and Technology</i>,4,149</li> <li>15. Physics and design of wide-aperture bipolar particle sources, <b>2013</b>, <i>Problems of Atomic Science and Technology</i>,1,155</li> <li>16. Numerical simulation and experimental investigation of bipolar single-grid energy analyzers, <b>2013</b>, <i>Problems of Atomic Science and Technology</i>,1,264</li> <li>17. A double-plasma source of continuous bipolar ion-ion beam, <b>2013</b>, <i>Applied Physics Letters</i>,102,3,34102,</li> <li>18. Simulation and experimental research of Langmuir probe operation in electro-negative plasma, <b>2012</b>, <i>Problems of Atomic Science and Technology</i>,6,258</li> <li>19. Dependence of RF breakdown curve on electrode geometry in CCP reactor, <b>2012</b>, <i>Problems of Atomic Science and Technology</i>,6,193</li> <li>20. Technological aprobaton of integral cluster set-up for complex compound composites syntesis, <b>2012</b>, <i>Problems of Atomic Science and Technology</i>,6,220</li> <li>21. Empirical laws of particle extraction from single-grid source of bipolar ion-electron flow, <b>2012</b>, <i>Review of Scientific Instruments</i>,83,11,113302,</li> <li>22. A new grid-type electron filter for volume-production negative-ion source, <b>2012</b>, <i>EPL</i>,97,5,55001,</li> </ol>		<ol style="list-style-type: none"> <li>6. Electric Field Non-Uniformity Effect On Dc Low Pressure Gas Breakdown Between Flat Electrodes,<i>Vacuum</i>, <b>2017</b>,145,19,</li> <li>7. Comparative Study Of The Hydroxyapatite Coatings Prepared With/Without Substrate Bias,<i>Ceramics International</i>, <b>2017</b>,43,17,14968,</li> <li>8. Plasma Assisted Deposition Of Tab2 Coatings By Magnetron Sputtering System,<i>Problems Of Atomic Science And Technology</i>, <b>2017</b>,1,187,</li> <li>9. Current Gain Of A Pulsed Dc Discharge In Low-Pressure Gases,<i>Vacuum</i>, <b>2017</b>,145,194,</li> <li>10. Heuristic Solution Of Langmuir Problem In Arbitrary Domain,<i>Ukrainian Journal A Physics</i>, <b>2017</b>,62,1,33,</li> <li>11. Forming A Unipolar Pulsed Discharge In Nitrogen,<i>Problems Of Atomic Science And Technology</i>, <b>2016</b>,6,227,</li> <li>12. Synthesis Of Thin-Film Ta(2)O(5) Coatings By Reactive Magnetron Sputtering,<i>Problems Of Atomic Science And Technology</i>, <b>2016</b>,6,248,</li> <li>13. Magnetized Retarding Field Energy Analyzer Measuring The Particle Flux And Ion Energy Distribution Of Both Positive And Negative Ions,<i>Review Of Scientific Instruments</i>, <b>2015</b>,86,5,53302</li> <li>14. Double Magnetron Cluster Set-Up For Synthesis Of Micro And Nano Structure Coatings,<i>Problems Of Atomic Science And Technology</i>, <b>2015</b>,1,187,</li> <li>15. Actinometric Study Of Oxygen Dissociation In Icp Source,<i>Problems Of Atomic Science And Technology</i>, <b>2014</b>,6,167,</li> <li>16. A Double-Plasma Source Of Continuous Bipolar Ion-Ion Beam,<i>Applied Physics Letters</i>, <b>2013</b>,102,3,34102</li> <li>17. Influence Of Secondary Electron Emission On The Rf Gas Breakdown,<i>Problems Of Atomic Science And Technology</i>, <b>2013</b>,4,149,</li> <li>18. Physics And Design Of Wide-Aperture Bipolar Particle Sources,<i>Problems Of Atomic Science And Technology</i>, <b>2013</b>,1,155,</li> <li>19. Numerical Simulation And Experimental Investigation Of Bipolar Single-Grid Energy Analyzers,<i>Problems Of Atomic Science And Technology</i>, <b>2013</b>,1,264,</li> <li>20. Empirical Laws Of Particle Extraction From Single-Grid Source Of Bipolar Ion-Electron Flow,<i>Review Of Scientific Instruments</i>, <b>2012</b>,83,11,113302</li> <li>21. A New Grid-Type Electron Filter For Volume-Production Negative-Ion Source,<i>Epl</i>, <b>2012</b>,97,5,55001</li> <li>22. Technological Aprobaton Of Integral Cluster Set-Up For Complex Compound Composites Syntesis,<i>Problems Of Atomic Science And Technology</i>, <b>2012</b>,6,220,</li> <li>23. Dependence Of Rf Breakdown Curve On Electrode Geometry In Ccp Reactor,<i>Problems Of Atomic Science And Technology</i>, <b>2012</b>,6,193,</li> <li>24. Simulation And Experimental Research Of Langmuir Probe Operation In Electro-Negative Plasma,<i>Problems Of Atomic Science And Technology</i>, <b>2012</b>,6,258,</li> </ol>
Фізико-технічний	Кафедра прикладної фізики та фізики	Середа Костянтин Миколайович	15	<ol style="list-style-type: none"> <li>1. Features of surface modification of copper-based alloys under powerful plasma exposures, <b>2018</b>, <i>Problems of Atomic Science and Technology</i>,118,6,143</li> <li>2. Erosion features of tungsten surfaces under combined steady-state and</li> </ol>	14	<ol style="list-style-type: none"> <li>1. Probe Measurements Of Parameters Of Dense Gas-Metallic Plasma In The Inhomogeneous Magnetic Field Of A Planar Magnetron Discharge,<i>Problems Of Atomic Science And Technology</i>, <b>2018</b>,6,252</li> <li>2. Features Of Coatings Deposition In Combined Stationary-Pulsed Operation</li> </ol>

	плазми			<p>transient plasma loads, <b>2016</b>, Problems of Atomic Science and Technology,106,6,69</p> <ol style="list-style-type: none"> <li>3. Alloying and modification of stainless steels by powerful plasma streams, <b>2016</b>, Problems of Atomic Science and Technology,106,6,129</li> <li>4. Extraction of fusion relevant ion species from discharge of focused anode layer thruster, <b>2015</b>, Problems of Atomic Science and Technology,98,4,22</li> <li>5. Increasing of mass transfer efficiency at magnetron deposition of metal coating, <b>2015</b>, Problems of Atomic Science and Technology,95,1,181</li> <li>6. Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam, <b>2014</b>, Problems of Atomic Science and Technology,94,6,164</li> <li>7. Charging processes and phase states of macroparticles in low-pressure arc discharge, <b>2013</b>, Problems of Atomic Science and Technology,4,176</li> <li>8. Particle charging in beam-plasma systems, <b>2013</b>, Problems of Atomic Science and Technology,1,183</li> <li>9. Pulsed magnetron sputtering system power supply without limitation and forced interruption of the discharge current, <b>2013</b>, Problems of Atomic Science and Technology,1,225</li> <li>10. Self-compensation of the focused ion beam space charge, <b>2013</b>, Problems of Atomic Science and Technology,1,204</li> <li>11. Combined exposures of tungsten by stationary and transient hydrogen plasma heat loads: Preliminary results, <b>2013</b>, Problems of Atomic Science and Technology,1,70</li> <li>12. Longitudinal ion source with the current self-compensation of the focused ion beam, <b>2012</b>, Plasma Physics Reports,38,13,1032</li> <li>13. Mass-separation of impurities in the ion beam systems with reversed magnetic beam focusing, <b>2012</b>, Problems of Atomic Science and Technology,6,105</li> <li>14. High-current pulsed operation modes of the planar mss with magnetically insulated anode without transition to the arc discharge, <b>2012</b>, Problems of Atomic Science and Technology,6,190</li> <li>15. Compact steady-state and high-flux Falcon ion source for tests of plasma-facing materials, <b>2012</b>, Review of Scientific Instruments,83,8,83501,</li> </ol>		<p>Mode Of The Magnetron Sputtering System,Problems Of Atomic Science And Technology, <b>2017</b>,1,227</p> <ol style="list-style-type: none"> <li>3. Erosion Features Of Tungsten Surfaces Under Combined Steady-State And Transient Plasma Loads,Problems Of Atomic Science And Technology, <b>2016</b>,6,69</li> <li>4. Alloying And Modification Of Stainless Steels By Powerful Plasma Streams,Problems Of Atomic Science And Technology, <b>2016</b>,6,129</li> <li>5. Increasing Of Mass Transfer Efficiency At Magnetron Deposition Of Metal Coating,Problems Of Atomic Science And Technology, <b>2015</b>,1,181</li> <li>6. Capture And Transport Of Macroparticles In Curved Plasma Duct At Low Magnetic Field In The Presence Of An Electron Beam,Problems Of Atomic Science And Technology, <b>2014</b>,6,164</li> <li>7. Self-Compensation Of The Focused Ion Beam Space Charge,Problems Of Atomic Science And Technology, <b>2013</b>,1,204</li> <li>8. Combined Exposures Of Tungsten By Stationary And Transient Hydrogen Plasma Heat Loads: Preliminary Results,Problems Of Atomic Science And Technology, <b>2013</b>,1,70</li> <li>9. Pulsed Magnetron Sputtering System Power Supply Without Limitation And Forced Interruption Of The Discharge Current,Problems Of Atomic Science And Technology, <b>2013</b>,1,225</li> <li>10. Charging Processes And Phase States Of Macroparticles In Low-Pressure Arc Discharge,Problems Of Atomic Science And Technology, <b>2013</b>,4,176</li> <li>11. Particle Charging In Beam-Plasma Systems,Problems Of Atomic Science And Technology, <b>2013</b>,1,183</li> <li>12. Mass-Separation Of Impurities In The Ion Beam Systems With Reversed Magnetic Beam Focusing,Problems Of Atomic Science And Technology, <b>2012</b>,6,105</li> <li>13. High-Current Pulsed Operation Modes Of The Planar Mss With Magnetically Insulated Anode Without Transition To The Arc Discharge,Problems Of Atomic Science And Technology, <b>2012</b>,6,190</li> <li>14. Longitudinal Ion Source With The Current Self-Compensation Of The Focused Ion Beam,Plasma Physics Reports, <b>2012</b>,38,13,1032</li> </ol>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Олефір Володимир Петрович	11	<ol style="list-style-type: none"> <li>1. Personality resources as a mediator of the relationship between antecedents of stress and pre-competitive anxiety, <b>2018</b>, Journal of Physical Education and Sport,18,4,335,2230</li> <li>2. Fast and accurate algorithm of 3D magnetic surfaces reconstruction in stellarators, <b>2018</b>, Problems of Atomic Science and Technology,118,6,27</li> <li>3. Electromagnetic model of gas discharge in long tube of slightly varying radius, <b>2018</b>, Problems of Atomic Science and Technology,118,6,113</li> <li>4. Modelling of the electromagnetic surface waves propagation on the interface between the left-handed metamaterial and the dissipative dielectric, <b>2018</b>, Problems of Atomic Science and Technology,118,6,109</li> <li>5. Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field, <b>2017</b>, Contributions to Plasma Physics,57,5,196</li> <li>6. Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain, <b>2017</b>, Problems of Atomic Science and</li> </ol>	10	<ol style="list-style-type: none"> <li>1. Fast And Accurate Algorithm Of 3d Magnetic Surfaces Reconstruction In Stellarators,Problems Of Atomic Science And Technology, <b>2018</b>,6,27</li> <li>2. Modelling Of The Electromagnetic Surface Waves Propagation On The Interface Between The Left-Handed Metamaterial And The Dissipative Dielectric,Problems Of Atomic Science And Technology, <b>2018</b>,6,109</li> <li>3. Electromagnetic Model Of Gas Discharge In Long Tube Of Slightly Varying Radius,Problems Of Atomic Science And Technology, <b>2018</b>,6,113</li> <li>4. Surface Electromagnetic Waves On Boundary Between Lossy Dielectric And Left-Handed Material With Gain,Problems Of Atomic Science And Technology, <b>2017</b>,1,96</li> <li>5. Eigen Electromagnetic Waves Of A Coaxial Waveguiding Structure Filled By A Non-Uniform Dissipative Plasma With Azimuthal Magnetic Field,Contributions To Plasma Physics, <b>2017</b>,57,5,196</li> <li>6. Eigen Dipolar Electromagnetic Waves Of Coaxial Non-Uniform Plasma-Metall Waveguide With External Azimuth Magnetic Field,Problems Of</li> </ol>

				<p>Technology,107,1,96</p> <p>7. Slow and fast surface electromagnetic waves in planar structures contained left-handed material, <b>2015</b>, Problems of Atomic Science and Technology,98,4,306</p> <p>8. Eigen dipolar electromagnetic waves of coaxial non-uniform plasma-metall waveguide with external azimuth magnetic field, <b>2015</b>, Problems of Atomic Science and Technology,95,1,77</p> <p>9. Surface electromagnetic waves in left-handed material slab embedded in plasmalike media, <b>2014</b>, Problems of Atomic Science and Technology,94,6,112</p> <p>10. Eigen dipolar electromagnetic waves of coaxial plasma-metall waveguide structure with azimuth magnetic field, <b>2013</b>, Problems of Atomic Science and Technology,1,93</p> <p>11. Phase and group velocities of electromagnetic eigen waves of left-hand material slab, <b>2012</b>, Problems of Atomic Science and Technology,6,87</p>		<p>Atomic Science And Technology, <b>2015</b>,1,77</p> <p>7. Slow And Fast Surface Electromagnetic Waves In Planar Structures Contained Left-Handed Material,Problems Of Atomic Science And Technology, <b>2015</b>,4,306</p> <p>8. Surface Electromagnetic Waves In Left-Handed Material Slab Embedded In Plasmalike Media,Problems Of Atomic Science And Technology, <b>2014</b>,6,112</p> <p>9. Eigen Dipolar Electromagnetic Waves Of Coaxial Plasma-Metall Waveguide Structure With Azimuth Magnetic Field,Problems Of Atomic Science And Technology, <b>2013</b>,1,93</p> <p>10. Phase And Group Velocities Of Electromagnetic Eigen Waves Of Left-Hand Material Slab,Problems Of Atomic Science And Technology, <b>2012</b>,6,87</p>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Грицина Валентина Валентинівна	9	<p>1. On excited particle formation in crossed <math>E \times H</math> fields, <b>2018</b>, Vacuum,149,124</p> <p>2. Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions, <b>2017</b>, Journal of Surface Investigation,11,1,146</p> <p>3. Effect of annealing on the secondary particles emission from the zirconium alloy surface, <b>2017</b>, Problems of Atomic Science and Technology,110,4,39</p> <p>4. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, <b>2016</b>, Journal of Surface Investigation,10,6,1239</p> <p>5. On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet, <b>2016</b>, Vacuum,129,148</p> <p>6. Ion-photon emission under ion bombardment of garnet structures of different composition, <b>2014</b>, Vacuum,105,91</p> <p>7. Effect of modification sapphire surface under ion irradiation on the excited particles yield, <b>2013</b>, Problems of Atomic Science and Technology,87,5,33</p> <p>8. Ion-photon emission of metal-containing organic dyes, <b>2012</b>, Journal of Surface Investigation,6,4,664</p> <p>9. Characteristic features of ion-photon emission from yttrium-iron garnets, <b>2012</b>, Vacuum,86,10,1624</p>	9	<p>1. On Excited Particle Formation In Crossed <math>E \times H</math> Fields,Vacuum, <b>2018</b>,149,124</p> <p>2. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, <b>2017</b>,4,39</p> <p>3. Comparison Of The Main Parameters Of The Ion-Photon Emission Of Titanium Atoms And Singly Charged Ions,Journal Of Surface Investigation, <b>2017</b>,11,1,146</p> <p>4. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,Journal Of Surface Investigation, <b>2016</b>,10,6,1239</p> <p>5. On The Mechanisms Of Formation Of Excited Yttrium Atoms Under Ion Bombardment Of Yttrium And Yttrium-Aluminum Garnet,Vacuum, <b>2016</b>,129,148</p> <p>6. Ion-Photon Emission Under Ion Bombardment Of Garnet Structures Of Different Composition,Vacuum, <b>2014</b>,105,91</p> <p>7. Effect Of Modification Sapphire Surface Under Ion Irradiation On The Excited Particles Yield,Problems Of Atomic Science And Technology, <b>2013</b>,5,33</p> <p>8. Ion-Photon Emission Of Metal-Containing Organic Dyes,Journal Of Surface Investigation-X-Ray Synchrotron And Neutron Techniques, <b>2012</b>,6,4,664</p> <p>9. Characteristic Features Of Ion-Photon Emission From Yttrium-Iron Garnets, <b>2012</b>, Vacuum,86,10,1624</p>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Кононенко Сергій Ігнатович	12	<p>1. <math>\alpha</math>-Particle induced forward-backward electron emission from titanium nitride, <b>2018</b>, Problems of Atomic Science and Technology,116,4,293</p> <p>2. Application of radioluminescence technique for zirconia powder and nanoceramics, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351,</p> <p>3. Influence of He+ long-time irradiation on silica luminescence spectrum, <b>2017</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",407,5</p>	10	<p>1. Alpha-Particle Induced Forward-Backward Electron Emission From Titanium Nitride,Problems Of Atomic Science And Technology, <b>2018</b>,4,293,</p> <p>2. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2017</b>,407,5,</p> <p>3. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation,Journal Of Luminescence, <b>2017</b>,188,319,</p> <p>4. Application Of Radioluminescence Technique For Zirconia Powder And</p>

				<ol style="list-style-type: none"> <li>4. Ukrainian amber luminescence induced by X-rays and ultraviolet radiation, <b>2017</b>, Journal of Luminescence,188,319</li> <li>5. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment, <b>2016</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",366,90</li> <li>6. Photo- and radioluminescence of poleskiy amber, <b>2016</b>, Functional Materials,23,4,582</li> <li>7. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory, <b>2015</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",362,182</li> <li>8. Change of silica luminescence due to fast hydrogen ion bombardment, <b>2015</b>, Nukleonika,60,2,289</li> <li>9. Forward and backward electron emission in binary cell of radioisotope current source, <b>2015</b>, Problems of Atomic Science and Technology,98,4,331</li> <li>10. Fast ion induced luminescence of silica implanted by molecular hydrogen, <b>2014</b>, Functional Materials,21,1,26</li> <li>11. Forward and backward electron emission induced by protons from copper foil, <b>2013</b>, Problems of Atomic Science and Technology,4,320</li> <li>12. Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions, <b>2013</b>, Functional Materials,20,4,462</li> </ol>		<p>Nanoceramics,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 02man06</p> <ol style="list-style-type: none"> <li>5. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Experiment,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2016</b>,366,90,</li> <li>6. Photo- And Radioluminescence Of Poleskiy,Functional Materials, <b>2016</b>,23,4,582,</li> <li>7. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Theory,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2015</b>,362,182,</li> <li>8. Change Of Silica Luminescence Due To Fast Hydrogen Ion Bombardment,Nukleonika, <b>2015</b>,60,2,289,</li> <li>9. Forward And Backward Electron Emission In Binary Cell Of Radioisotope Current Source,Problems Of Atomic Science And Technology, <b>2015</b>,4,331,</li> <li>10. Forward And Backward Electron Emission Induced By Protons From Copper Foil,Problems Of Atomic Science And Technology, <b>2013</b>,4,320,</li> </ol>
Фізико-технічний	Кафедра ядерної та медичної фізики	Федорець Іван Дмитрович	16	<ol style="list-style-type: none"> <li>1. Photonuclear production of F-18, <b>2018</b>, Problems of Atomic Science and Technology,115,3,146</li> <li>2. The content of natural radioactive isotopes in soil of Kharkov region, <b>2017</b>, Problems of Atomic Science and Technology,109,3,55</li> <li>3. Photonuclear production of Yb-175, <b>2017</b>, Problems of Atomic Science and Technology,112,6,130</li> <li>4. Ion exchange in photoactivated inorganic matters, <b>2017</b>, Problems of Atomic Science and Technology,109,3,40</li> <li>5. The effect of gamma radiation on structure of struvite-K, <b>2017</b>, Problems of Atomic Science and Technology,112,6,122</li> <li>6. Deposit of bone-seeking radionuclides in teeth of patients with odontogenic diseases, <b>2016</b>, Problems of Atomic Science and Technology,105,5,55</li> <li>7. Modification of nanomaterial by radiation, <b>2016</b>, Problems of Atomic Science and Technology,105,5,83</li> <li>8. Men-made radionuclides in lichens and mosses of the Kharkiv region, <b>2016</b>, Problems of Atomic Science and Technology,103,3,158</li> <li>9. Radiative stability and sorption ability of clinoptilolite nanoparticles, <b>2015</b>, Problems of Atomic Science and Technology,97,3,76</li> <li>10. The use of molybdenum oxide nanoparticles for production of free isotope Mo-99, <b>2015</b>, Problems of Atomic Science and Technology,100,6,154</li> <li>11. Radionuclide accumulation by objects of ecosystem, <b>2014</b>, Problems of Atomic Science and Technology,93,5,45</li> <li>12. Radionuclide biosorption by the aquatic plants of Pistia stratiotes, <b>2014</b>, Problems of Atomic Science and Technology,93,5,50</li> <li>13. "Cesium, strontium and sodium diffusion in magnesium kalium phosphates system", <b>2014</b>, Problems of Atomic Science and Technology,93,5,39</li> </ol>	17	<ol style="list-style-type: none"> <li>1. Photonuclear Production Of F-18,Problems Of Atomic Science And Technology, <b>2018</b>,3,146</li> <li>2. The Effect Of Gamma Radiation On Structure Of Struvite-K,Problems Of Atomic Science And Technology, <b>2017</b>,6,122</li> <li>3. Ion Exchange In Photoactivated Inorganic Matters,Problems Of Atomic Science And Technology, <b>2017</b>,3,40</li> <li>4. Photonuclear Production Of Yb-175,Problems Of Atomic Science And Technology, <b>2017</b>,6,130</li> <li>5. The Content Of Natural Radioactive Isotopes In Soil Of Kharkov Region,Problems Of Atomic Science And Technology, <b>2017</b>,3,55</li> <li>6. Deposit Of Bone-Seeking Radionuclides In Teeth Of Patients With Odontogenic Diseases,Problems Of Atomic Science And Technology, <b>2016</b>,5,55</li> <li>7. Modification Of Nanomaterial By Radiation,Problems Of Atomic Science And Technology, <b>2016</b>,5,83</li> <li>8. Men-Made Radionuclides In Lichens And Mosses Of The Kharkiv Region,Problems Of Atomic Science And Technology, <b>2016</b>,3,158</li> <li>9. Radiative Stability And Sorption Ability Of Clinoptilolite Nanoparticles,Problems Of Atomic Science And Technology, <b>2015</b>,3,76</li> <li>10. Sorption Properties Of Magnesium-Potassium Phosphate Matrix,Problems Of Atomic Science And Technology, <b>2015</b>,3,79</li> <li>11. The Use Of Molybdenum Oxide Nanoparticles For Production Of Free Isotope Mo-99,Problems Of Atomic Science And Technology, <b>2015</b>,6,154</li> <li>12. "Cesium, Strontium And Sodium Diffusion In Magnesium Kalium Phosphates System",Problems Of Atomic Science And Technology, <b>2014</b>,5,39</li> </ol>

				<p>14. Influence of high-energy electrons irradiation on nanoceramics properties of zirconia, <b>2013</b>, Problems of Atomic Science and Technology,88,6,161</p> <p>15. Excitation of isomeric Low-Lying level of nucleus <sup>181</sup>Ta by relativistic electrons, <b>2013</b>, Problems of Atomic Science and Technology,3,175</p> <p>16. Radiative strength functions for dipole transitions in <sup>90</sup>Zr, <b>2013</b>, Physics of Atomic Nuclei,76,1,44</p>		<p>13. Radionuclide Accumulation By Objects Of Ecosystem,Problems Of Atomic Science And Technology, <b>2014</b>,5,45</p> <p>14. Radionuclide Biosorption By The Aquatic Plants Of Pistia Stratiotes,Problems Of Atomic Science And Technology, <b>2014</b>,5,50</p> <p>15. Influence Of High-Energy Electrons Irradiation On Nanoceramics Properties Of Zirconia.,Problems Of Atomic Science And Technology, <b>2013</b>,6,161</p> <p>16. Excitation Of Isomeric Low-Lying Level Of Nucleus Ta-181 By Relativistic Electrons,Problems Of Atomic Science And Technology, <b>2013</b>,3,175</p> <p>17. Radiative Strength Functions For Dipole Transitions In Zr-90,Physics Of Atomic Nuclei, <b>2013</b>,76,1,44</p>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Яковін Станіслав Дмитрович	21	<p>1. Mechanical properties of tantalum-based ceramic coatings for biomedical applications, <b>2018</b>, Journal of Physics: Conference Series,992,1,12034,</p> <p>2. Structural and mechanical properties of hydroxyapatite coatings formed by ion-beam assisted deposition, <b>2018</b>, Journal of Physics: Conference Series,992,1,12035,</p> <p>3. Design and research of combined magnetron-ion-beam sputtering system, <b>2018</b>, Problems of Atomic Science and Technology,118,6,263,266</p> <p>4. Comparative study of the hydroxyapatite coatings prepared with/without substrate bias, <b>2017</b>, Ceramics International,43,17,14968,14975</p> <p>5. Plasma assisted deposition of TaB2 coatings by magnetron sputtering system, <b>2017</b>, Problems of Atomic Science and Technology,107,1,187,190</p> <p>6. Effect of magnetron sputtering (RF and DC) parameters on the TaB2 films structure, <b>2016</b>, "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757265,</p> <p>7. The effect of surface treatment of ceramic oxide coatings deposited by magnetron sputtering method on the adhesive and proliferative activity of mesenchymal stem cells, <b>2016</b>, Surface and Coatings Technology,301,114,120</p> <p>8. Corrosion properties of zirconium-based ceramic coatings for micro-bearing and biomedical applications, <b>2016</b>, Journal of Physics: Conference Series,700,1,12026,</p> <p>9. Surface modification of tantalum pentoxide coatings deposited by magnetron sputtering and correlation with cell adhesion and proliferation in in vitro tests, <b>2016</b>, Journal of Physics: Conference Series,700,1,12027,</p> <p>10. Synthesis of thin-film TA2O5 coatings by reactive magnetron sputtering, <b>2016</b>, Problems of Atomic Science and Technology,106,6,248,251</p> <p>11. Low pressure gas discharge in magnetically insulated diode, <b>2015</b>, Problems of Atomic Science and Technology,95,1,259,262</p> <p>12. Double magnetron cluster set-up for synthesis of micro and nano structure coatings, <b>2015</b>, Problems of Atomic Science and Technology,95,1,187,189</p> <p>13. Formation of solution-derived hydroxyapatite coatings on titanium alloy in the presence of magnetron-sputtered alumina bond coats, <b>2015</b>, Open Biomedical Engineering Journal,9,75,82</p> <p>14. Mechanical and tribological characteristics of zirconium based ceramic coatings for micro-bearing application, <b>2014</b>, Problems of Atomic Science and Technology,94,6,219,222</p>	19	<p>1. Design And Research Of Combined Magnetron-Ion-Beam Sputtering System,Problems Of Atomic Science And Technology, <b>2018</b>,6,263,</p> <p>2. Mechanical Properties Of Tantalum-Based Ceramic Coatings For Biomedical Applications,"20th International Summer School On Vacuum, Electron And Ion Technologies, 2017", <b>2018</b>,992,Unsp 012034</p> <p>3. Structural And Mechanical Properties Of Hydroxyapatite Coatings Formed By Ion-Beam Assisted Deposition."20th International Summer School On Vacuum, Electron And Ion Technologies, 2017", <b>2018</b>,992,Unsp 012035</p> <p>4. Comparative Study Of The Hydroxyapatite Coatings Prepared With/Without Substrate Bias,Ceramics International, <b>2017</b>,43,17,14968,</p> <p>5. Plasma Assisted Deposition Of Tab2 Coatings By Magnetron Sputtering System,Problems Of Atomic Science And Technology, <b>2017</b>,1,187,</p> <p>6. The Effect Of Surface Treatment Of Ceramic Oxide Coatings Deposited By Magnetron Sputtering Method On The Adhesive And Proliferative Activity Of Mesenchymal Stem Cells,Surface &amp; Coatings Technology, <b>2016</b>,301,114,</p> <p>7. Surface Modification Of Tantalum Pentoxide Coatings Deposited By Magnetron Sputtering And Correlation With Cell Adhesion And Proliferation In In Vitro Tests,"19th International Summer School On Vacuum, Electron And Ion Technologies (Veit2015)", <b>2016</b>,700,Unsp 012027</p> <p>8. Corrosion Properties Of Zirconium-Based Ceramic Coatings For Micro-Bearing And Biomedical Applications,"19th International Summer School On Vacuum, Electron And Ion Technologies (Veit2015)", <b>2016</b>,700,Unsp 012026</p> <p>9. Synthesis Of Thin-Film Ta(2)O(5) Coatings By Reactive Magnetron Sputtering,Problems Of Atomic Science And Technology, <b>2016</b>,6,248,</p> <p>10. Effect Of Magnetron Sputtering (Rf And Dc) Parameters On The Tab2 Films Structure,International Conference On Nanomaterials: Application &amp; Properties (Nap), <b>2016</b>,Unsp 01psi08</p> <p>11. Low Pressure Gas Discharge In Magnetically Insulated Diode,Problems Of Atomic Science And Technology, <b>2015</b>,1,259,</p> <p>12. Double Magnetron Cluster Set-Up For Synthesis Of Micro And Nano Structure Coatings,Problems Of Atomic Science And Technology, <b>2015</b>,1,187,</p> <p>13. "Comparative Analysis Of Electrophysical Properties Of Ceramic</p>

				<ol style="list-style-type: none"> <li>15. Formation of modern bearing surfaces by ceramic coating deposition for micro-bearing and biomedical applications, <b>2014</b>, Romanian Reports in Physics,66,4,1180,1188</li> <li>16. Modification of the structure and composition of Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>(OH)<sub>2</sub> ceramic coatings by changing the deposition conditions in O<sub>2</sub> and Ar, <b>2014</b>, Journal of Physics: Conference Series,514,1,12017,</li> <li>17. Tribological performance of ceramic coatings deposited on metal surfaces for micro-bearing biomedical applications, <b>2014</b>, Journal of Physics: Conference Series,514,1,12016,</li> <li>18. "Comparative analysis of electrophysical properties of ceramic tantalum pentoxide coatings, deposited by electron beam evaporation and magnetron sputtering methods", <b>2014</b>, Journal of Physics: Conference Series,558,1,12036,</li> <li>19. Characteristics of discharge in crossed ExH fields near breakdown curve in acceleration and plasma regime, <b>2013</b>, Problems of Atomic Science and Technology,1,186,188</li> <li>20. Technological aprobaton of integral cluster set-up for complex compound composites syntesis, <b>2012</b>, Problems of Atomic Science and Technology,6,220,222</li> <li>21. Structure and fluorescence of ZnW<sub>0.4</sub> films prepared by ion beam sputtering, <b>2012</b>, Functional Materials,19,1,84,87</li> </ol>		<p>Tantalum Pentoxide Coatings, Deposited By Electron Beam Evaporation And Magnetron Sputtering Methods.", "18th International School On Condensed Matter Physics: Challenges Of Nanoscale Science: Theory, Materials, Applications", <b>2014</b>,558,Unsp 012036</p> <ol style="list-style-type: none"> <li>14. Modification Of The Structure And Composition Of Ca-10(Po4)(6)(Oh)(2) Ceramic Coatings By Changing The Deposition Conditions In O-2 And Ar,"18th International Summer School On Vacuum, Electron And Ion Technologies (Veit2013)", <b>2014</b>,514,12017</li> <li>15. Tribological Performance Of Ceramic Coatings Deposited On Metal Surfaces For Micro-Bearing Biomedical Applications,"18th International Summer School On Vacuum, Electron And Ion Technologies (Veit2013)", <b>2014</b>,514,12016</li> <li>16. Mechanical And Tribological Characteristics Of Zirconium Based Ceramic Coatings For Micro-Bearing Application,Problems Of Atomic Science And Technology, <b>2014</b>,6,219,</li> <li>17. Formation Of Modern Bearing Surfaces By Ceramic Coating Deposition For Micro-Bearing And Biomedical Applications,Romanian Reports In Physics, <b>2014</b>,66,4,1180,</li> <li>18. Characteristics Of Discharge In Crossed Exh Fields Near Breakdown Curve In Acceleration And Plasma Regime,Problems Of Atomic Science And Technology, <b>2013</b>,1,186,</li> <li>19. Technological Aprobaton Of Integral Cluster Set-Up For Complex Compound Composites Syntesis,Problems Of Atomic Science And Technology, <b>2012</b>,6,220,</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Целуйко Олександр Федорович	24	<ol style="list-style-type: none"> <li>1. Self-Sustained Plasma-Beam Discharge at High Energy Density, <b>2018</b>, IEEE Transactions on Plasma Science,46,10,8356202,3541</li> <li>2. The efficiency of the pulsed power input in the limited plasma diode, <b>2018</b>, IEEE International Pulsed Power Conference,2017-June,8291229,</li> <li>3. The application of metal hydride based on ZR-V alloy in hydrogen plasma, <b>2018</b>, "Hydrides: Types, Bonds and Applications",149</li> <li>4. Hydrogen injector based on penning discharge with metal hydride cathode, <b>2018</b>, Problems of Atomic Science and Technology,118,6,222</li> <li>5. Electromagnetic filter for h- separation from pig with metal hydride cathode, <b>2018</b>, Problems of Atomic Science and Technology,116,4,282</li> <li>6. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, <b>2018</b>, Problems of Atomic Science and Technology,118,6,198</li> <li>7. Electrodes dimensions effect on the self-sustained plasma-beam discharge power, <b>2018</b>, Problems of Atomic Science and Technology,116,4,156</li> <li>8. Effect of metal-hydride hydrogen activation on longitudinal yield of negative ions from PIG, <b>2017</b>, International Journal of Hydrogen Energy,42,34,21866</li> <li>9. Longitudinal extraction of H- Ions from penning discharge with metal-hydride cathode, <b>2017</b>, Problems of Atomic Science and Technology,107,1,183</li> <li>10. The capacitive component of double layer current in plasma, <b>2017</b>, Problems of Atomic Science and Technology,107,1,219</li> <li>11. Separation of negative hydrogen ions from penning discharge with metal-</li> </ol>	23	<ol style="list-style-type: none"> <li>1. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, <b>2018</b>,4,156,</li> <li>2. Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieeec Transactions On Plasma Science, <b>2018</b>,46,10,3541,</li> <li>3. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, <b>2018</b>,6,198,</li> <li>4. Hydrogen Injector Based On Penning Discharge With Metal Hydride Cathode,Problems Of Atomic Science And Technology, <b>2018</b>,6,222,</li> <li>5. Electromagnetic Filter For H-Separation From Pig With Metal Hydride Cathode,Problems Of Atomic Science And Technology, <b>2018</b>,4,282,</li> <li>6. Effect Of Metal-Hydride Hydrogen Activation On Longitudinal Yield Of Negative Ions From Pig,International Journal Of Hydrogen Energy, <b>2017</b>,42,34,21866,</li> <li>7. Longitudinal Extraction Of H- Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2017</b>,1,183,</li> <li>8. The Efficiency Of The Pulsed Power Input In The Limited Plasma Diode,2017 Ieee 21st International Conference On Pulsed Power (Ppc), <b>2017</b>,</li> <li>9. The Capacitive Component Of Double Layer Current In Plasma,Problems Of Atomic Science And Technology, <b>2017</b>,1,219,</li> <li>10. Features Of Active Power Definition In High-Current Pulsed</li> </ol>



				<p>hydride cathode, <b>2016</b>, Problems of Atomic Science and Technology,106,6,241</p> <ol style="list-style-type: none"> <li>12. Features of active power definition in high-current pulsed discharge, <b>2016</b>, Problems of Atomic Science and Technology,106,6,48</li> <li>13. Anisotropy of radiation from dense plasma of multiply ionized atoms, <b>2015</b>, Problems of Atomic Science and Technology,98,4,32</li> <li>14. Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply, <b>2015</b>, Problems of Atomic Science and Technology,98,4,342</li> <li>15. Dynamics of euv-radiation from the partially contracted plasma diode, <b>2015</b>, Problems of Atomic Science and Technology,95,1,190</li> <li>16. Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation, <b>2015</b>, Problems of Atomic Science and Technology,95,1,174</li> <li>17. PIG charged particle source with hydrogen supply from a metal-hydride cathode, <b>2014</b>, Journal of Physics: Conference Series,514,1,12051,</li> <li>18. Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode, <b>2014</b>, Problems of Atomic Science and Technology,94,6,201</li> <li>19. Features of electron beam evaporation under surface electron beam formation, <b>2014</b>, Problems of Atomic Science and Technology,94,6,149</li> <li>20. PIG with metal-hydride cathode under ion-stimulated desorption of hydrogen, <b>2013</b>, Problems of Atomic Science and Technology,4,301</li> <li>21. Dynamical accelerating structures of thermoionic plasma, <b>2013</b>, Problems of Atomic Science and Technology,4,61</li> <li>22. Experimental simulation of metal-hydride cathode working in penning discharge, <b>2013</b>, Problems of Atomic Science and Technology,1,228</li> <li>23. Double electric layer influence on dynamic of EUV radiation from plasma of high-current pulse diode in tin vapor, <b>2013</b>, "Physics Letters, Section A: General, Atomic and Solid State Physics",377,03.anp,307</li> <li>24. Influence of external magnetic field on intensity and directivity of EUV radiation from high-current pulse plasma diode, <b>2012</b>, Problems of Atomic Science and Technology,6,184</li> </ol>		<p>Discharge,Problems Of Atomic Science And Technology, <b>2016</b>,6,48,</p> <ol style="list-style-type: none"> <li>11. Separation Of Negative Hydrogen Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2016</b>,6,241,</li> <li>12. Optimization Of The Collecting Mirror Location In The Plasma Source Of Extreme Ultraviolet Radiation,Problems Of Atomic Science And Technology, <b>2015</b>,1,174,</li> <li>13. Plasma Parameters In Pig With Metal-Hydride Cathode Under Different Ways Of Hydrogen Supply,Problems Of Atomic Science And Technology, <b>2015</b>,4,342,</li> <li>14. Anisotropy Of Radiation From Dense Plasma Of Multiply Ionized Atoms,Problems Of Atomic Science And Technology, <b>2015</b>,4,32,</li> <li>15. Dynamics Of Euv-Radiation From The Partially Contracted Plasma Diode,Problems Of Atomic Science And Technology, <b>2015</b>,1,190,</li> <li>16. Pig Charged Particle Source With Hydrogen Supply From A Metal-Hydride Cathode,"18th International Summer School On Vacuum, Electron And Ion Technologies (Veit2013)", <b>2014</b>,514,12051</li> <li>17. Influence Of Hydrogen Supply On Emissive Characteristics Of Pig With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2014</b>,6,201,</li> <li>18. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation,Problems Of Atomic Science And Technology, <b>2014</b>,6,149,</li> <li>19. Pig With Metal-Hydride Cathode Under Ion-Stimulated Desorption Of Hydrogen,Problems Of Atomic Science And Technology, <b>2013</b>,4,301,</li> <li>20. Experimental Simulation Of Metal-Hydride Cathode Working In Penning Discharge,Problems Of Atomic Science And Technology, <b>2013</b>,1,228,</li> <li>21. Double Electric Layer Influence On Dynamic Of Euv Radiation From Plasma Of High-Current Pulse Diode In Tin Vapor.Physics Letters A, <b>2013</b>,377,03.Anp,307,</li> <li>22. Dynamical Accelerating Structures Of Thermoionic Plasma,Problems Of Atomic Science And Technology, <b>2013</b>,4,61,</li> <li>23. Influence Of External Magnetic Field On Intensity And Directivity Of Euv Radiation From High-Current Pulse Plasma Diode,Problems Of Atomic Science And Technology, <b>2012</b>,6,184,</li> </ol>
Фізико-технічний	Кафедра ядерної та медичної фізики	Бараннік Євген Олександрович	8	<ol style="list-style-type: none"> <li>1. Influence of He+ long-time irradiation on silica luminescence spectrum, <b>2017</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",407,5</li> <li>2. The effect of blood acceleration on the ultrasound power Doppler spectrum, <b>2017</b>, Acoustical Physics,63,5,596</li> <li>3. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment, <b>2016</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",366,90</li> <li>4. Characterization of blood-mimicking fluid flow turbulence with pulsed-wave Doppler ultrasound, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333126,</li> <li>5. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory, <b>2015</b>, "Nuclear Instruments and Methods in Physics</li> </ol>	10	<ol style="list-style-type: none"> <li>1. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2017</b>,407,5</li> <li>2. The Effect Of Blood Acceleration On The Ultrasound Power Doppler Spectrum,Acoustical Physics, <b>2017</b>,63,5,596</li> <li>3. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Experiment,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2016</b>,366,90</li> <li>4. The Influence Of The Dynamic Change Of Ultrasound System Sensitivity Function On The Spectra Of Doppler Response Signals,East European Journal Of Physics, <b>2016</b>,3,2,61</li> <li>5. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Theory,Nuclear Instruments &amp; Methods In Physics</li> </ol>

				<p>Research, Section B: Beam Interactions with Materials and Atoms",362,182</p> <ol style="list-style-type: none"> <li>6. Spectral characteristics of muscular contractions: Simulation and experiment, <b>2014</b>, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika),73,7,639</li> <li>7. Displacement spectra under isometric muscle contraction spectral doppler study and theoretical models of ultrasound response and muscle contraction, <b>2012</b>, Journal of Ultrasound in Medicine,31,12,1959</li> <li>8. Correlation functions and power spectra of Doppler response signals in ultrasonic medical applications, <b>2012</b>, Ultrasonics,52,5,676</li> </ol>		<p>Research Section B-Beam Interactions With Materials And Atoms, <b>2015</b>,362,182</p> <ol style="list-style-type: none"> <li>6. Correlation Function And The Power Spectrum Of The Doppler Ultrasound Response Signal Of Uniformly Accelerated Scatterers In Fluid Flow,East European Journal Of Physics, <b>2015</b>,2,1,36</li> <li>7. Characterization Of Blood-Mimicking Fluid Flow Turbulence With Pulsed-Wave Doppler Ultrasound,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</li> <li>8. Correlation Functions And Power Spectra Of Doppler Response Signals In Ultrasonic Medical Applications,Ultrasonics, <b>2012</b>,52,5,676</li> <li>9. Displacement Spectra Under Isometric Muscle Contraction Spectral Doppler Study And Theoretical Models Of Ultrasonic Response And Muscle Contraction,Journal Of Ultrasound In Medicine, <b>2012</b>,31,12,1959</li> <li>10. Methods Of Automated Analysis Of Vendor Specific Implementation Of Stateful-Filtration,Proceedings Of The Fifth International Conference On Security Of Information And Networks, <b>2012</b>,158</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Литовченко Сергій Володимирович	28	<ol style="list-style-type: none"> <li>1. Microstructure and Physical–Mechanical Properties of (TiAlSiY)N Nanostructured Coatings Under Different Energy Conditions, <b>2018</b>, Metals and Materials International,24,5,1024</li> <li>2. Structure and Mechanical Properties of TiAlSiY Vacuum-Arc Coatings Deposited in Nitrogen Atmosphere, <b>2018</b>, Inorganic Materials: Applied Research,9,3,410</li> <li>3. Formation of Superhard State of the TiZrHfNbTaYN Vacuum–Arc High-Entropy Coating, <b>2018</b>, Journal of Superhard Materials,40,2,102</li> <li>4. "The influence of boron on the kinetics of phase formation, the dislocation structure, and the diffusion parameters of nickel", <b>2018</b>, Problems of Atomic Science and Technology,113,1,18</li> <li>5. Influence of bias potential on the tribological behavior and physical-mechanical properties of TiAlSiY-based nanostructured coatings, <b>2018</b>, Proceedings of SPIE - The International Society for Optical Engineering,10977, 109771M,</li> <li>6. "Investigation of the effect of the composition of residual gases on the hardness, adhesion properties and the composition of SiC-AlN coatings deposited by the magnetron sputtering", <b>2018</b>, Journal of Nano- and Electronic Physics,10,3,3028,</li> <li>7. "Effect of deposition process parameters and high-temperature annealing on the structure and properties of (Ti, Si)N/MoN vacuum arc coatings", <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 01FNC21,</li> <li>8. Influence of the high-temperature annealing on the structure and mechanical properties of vacuum–arc coatings from Mo/(Ti + 6 wt % Si)N, <b>2017</b>, Journal of Superhard Materials,39,3,172</li> <li>9. Effect of bias voltage and nitrogen pressure on the structure and properties of vacuum-arc (Mo + Ti6%Si)N coatings, <b>2017</b>, Technical Physics,62,5,795</li> <li>10. Peculiarities of obtaining diamond-(Fe-Cu-Ni-Sn) composite materials by hot pressing, <b>2017</b>, Functional Materials,24,1,31</li> <li>11. Structure and properties of vacuum arc single-layer and multiperiod two-</li> </ol>	19	<ol style="list-style-type: none"> <li>1. Dynamics Of The Plasma Electrolytic Polishing Process Of Austenitic Steel Aisi 304 In A Solution Of Ammonium Sulfate,Problems Of Atomic Science And Technology, <b>2018</b>,5,126,</li> <li>2. "The Influence Of Boron On The Kinetics Of Phase Formation, The Dislocation Structure, And The Diffusion Parameters Of Nickel",Problems Of Atomic Science And Technology, <b>2018</b>,1,18,</li> <li>3. Structure And Properties Of Vacuum Arc Single-Layer And Multiperiod Two-Layer Nitride Coatings Based On Ti(Al):Si Layers,Journal Of Nano- And Electronic Physics, <b>2017</b>,9,1,1033</li> <li>4. Peculiarities Of Obtaining Diamond-(Fe-Cu-Ni-Sn) Composite Materials By Hot Pressing,Functional Materials, <b>2017</b>,24,1,31,</li> <li>5. "Effect Of Deposition Process Parameters And High-Temperature Annealing On The Structure And Properties Of (Ti,Si)N/Mon Vacuum Arc Coatings",Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 01fnc21</li> <li>6. "Single Layer And Multilayer Vacuum-Arc Coatings Based On The Nitride Tialsyn: Composition, Structure, Properties",Problems Of Atomic Science And Technology, <b>2017</b>,4,88,</li> <li>7. Structure And Mechanical Properties Of Nitride Multi-Layer Systems On The Basis Of High Entropy Alloys And Transition Metals Of Group Vi,Problems Of Atomic Science And Technology, <b>2016</b>,1,112,</li> <li>8. "The Influence Of Nitrogen Pressure On The Structure Of Condensates, Obtained At Vacuum-Arc Deposition From High Entropy Alloy Alcrtizrnby",Problems Of Atomic Science And Technology, <b>2016</b>,2,86,</li> <li>9. "Influence On Mechanical Characteristics Of Thickness Of Layers In Mon/Crn Multilayer Coatings, Deposited Under The Influence Of Negative Bias Potential",Journal Of Nano- And Electronic Physics, <b>2016</b>,8,1,Unsp 01043</li> <li>10. Influence Of High-Voltage Constant Potential Bias On Structure And Properties Of Mon/Crn Multilayer Composite With Different Layer Thickness,Problems Of Atomic Science And Technology, <b>2016</b>,1,154,</li> <li>11. "Study Of Influence Physical And Technological Parameters Of Deposition</li> </ol>

			<p>layer nitride coatings based on Ti(Al): Si layers, <b>2017</b>, Journal of Nano- and Electronic Physics,9,1,1033,</p> <p>12. Use of a mixture of gases (C<sub>2</sub>H<sub>2</sub> + N<sub>2</sub>) to obtain high-strength molybdenum-based carbonyl nitride coatings, <b>2017</b>, Journal of Nano- and Electronic Physics,9,5,5043,</p> <p>13. "Single layer and multilayer vacuum-arc coatings based on the nitride tialsyn: Composition, structure, properties", <b>2017</b>, Problems of Atomic Science and Technology,110,4,88</p> <p>14. "Study of influence physical and technological parameters of deposition on the structure, physical and mechanical properties of vacuum arc coatings (Mo + Ti6%Si)N", <b>2016</b>, "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757226,</p> <p>15. "Effect of the deposition parameters on the phase–structure state, hardness, and tribological characteristics of Mo<sub>2</sub>N/CrN vacuum–arc multilayer coatings", <b>2016</b>, Journal of Superhard Materials,38,2,114</p> <p>16. "Influence on mechanical characteristics of thickness of layers in MoN/CrN multilayer coatings, deposited under the influence of negative bias potential", <b>2016</b>, Journal of Nano- and Electronic Physics,8,1,1043,</p> <p>17. Influence of high-voltage constant potential bias on structure and properties of MoN/CrN multilayer composite with different layer thickness, <b>2016</b>, Problems of Atomic Science and Technology,101,1,154</p> <p>18. Structure and mechanical properties of nitride multi-layer systems on the basis of high entropy alloys and transition metals of group VI, <b>2016</b>, Problems of Atomic Science and Technology,101,1,112</p> <p>19. Multilayer nitride coatings (TiZrNbHf)N/MoN, <b>2016</b>, Journal of Nano- and Electronic Physics,8,3,3045,</p> <p>20. "The influence of nitrogen pressure on the structure of condensates, obtained at vacuum-arc deposition from high entropy alloy AlCrTiZrNbY", <b>2016</b>, Problems of Atomic Science and Technology,102,2,86</p> <p>21. Effect of high-entropy components of nitride layers on nitrogen content and hardness of (TiN-Cu)/(AlNbTiMoVCr)N vacuum-arc multilayer coatings, <b>2016</b>, Journal of Nano- and Electronic Physics,8,2,2057,</p> <p>22. Tribological characteristics and mechanical properties of multilayer vacuum-arc coatings TiN/ZrN, <b>2015</b>, Problems of Atomic Science and Technology,99,5,70</p> <p>23. "Structure and physical and mechanical Properties of nanocomposite (Zr-Ti-Cr-Nb)N and (Ti-Zr-Al-Nb-Y)N coatings, obtained by vacuum-arc evaporation method", <b>2015</b>, Springer Proceedings in Physics,156,75</p> <p>24. "Structure, substructure, hardness and adhesion strength of multiperiod composite coatings MoN/CrN", <b>2015</b>, Journal of Nano- and Electronic Physics,7,4,4050,</p> <p>25. Condensation of silicide films from pure components, <b>2014</b>, Problems of Atomic Science and Technology,89,1,180</p> <p>26. "Effect of temperature on distribution of elements and surface morphology in the (Ti, Hf)N-coating/Si-substrate system", <b>2014</b>, Problems of Atomic Science and Technology,90,2,149</p> <p>27. Properties of AlN-TiB<sub>2</sub>-TiSi<sub>2</sub> coating system obtained by magnetron sputtering, <b>2013</b>, "CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference</p>	<p>On The Structure, Physical And Mechanical Properties Of Vacuum Arc Coatings (Mo+Ti6% Si)N",International Conference On Nanomaterials: Application &amp; Properties (Nap), <b>2016</b>,Unsp 01fnc08</p> <p>12. Multilayer Nitride Coatings (Tizrnbhf)N/Mon,Journal Of Nano- And Electronic Physics, <b>2016</b>,8,3,3045</p> <p>13. Effect Of High-Entropy Components Of Nitride Layers On Nitrogen Content And Hardness Of (Tin-Cu)/(Alnbtimover)N Vacuum-Arc Multilayer Coatings,Journal Of Nano- And Electronic Physics, <b>2016</b>,8,2,Unsp 02057</p> <p>14. High-Temperature Silicides: Properties And Application,East European Journal Of Physics, <b>2016</b>,3,3,4,</p> <p>15. "Structure, Substructure, Hardness And Adhesion Strength Of Multiperiod Composite Coatings Mon / Crn",Journal Of Nano- And Electronic Physics, <b>2015</b>,7,4,Unsp 04050</p> <p>16. Tribological Characteristics And Mechanical Properties Of Multilayer Vacuum-Arc Coatings Tin/Zrn,Problems Of Atomic Science And Technology, <b>2015</b>,5,70,</p> <p>17. "Effect Of Temperature On Distribution Of Elements And Surface Morphology In The (Ti, Hf)N-Coating/Si-Substrate System",Problems Of Atomic Science And Technology, <b>2014</b>,2,149,</p> <p>18. Condensation Of Silicide Films From Pure Components,Problems Of Atomic Science And Technology, <b>2014</b>,1,180,</p> <p>19. "Ion-Plasma Coating Aln-Tib<sub>2</sub>-Tisi<sub>2</sub> Systems, Obtaining And Properties",Problems Of Atomic Science And Technology, <b>2013</b>,2,144,</p>
--	--	--	--	--

				Proceedings",6653080,824 28. "Ion-plasma coating AlN-TiB2-TiSi2 systems, obtaining and properties", <b>2013</b> , Problems of Atomic Science and Technology,2,144		
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Середа Ігор Миколайович	21	<ol style="list-style-type: none"> <li>1. Self-Sustained Plasma-Beam Discharge at High Energy Density, <b>2018</b>, IEEE Transactions on Plasma Science,46,10,8356202,3541</li> <li>2. The efficiency of the pulsed power input in the limited plasma diode, <b>2018</b>, IEEE International Pulsed Power Conference,2017-June,8291229,</li> <li>3. The application of metal hydride based on ZR-V alloy in hydrogen plasma, <b>2018</b>, "Hydrides: Types, Bonds and Applications",149</li> <li>4. Hydrogen injector based on penning discharge with metal hydride cathode, <b>2018</b>, Problems of Atomic Science and Technology,118,6,222</li> <li>5. Electromagnetic filter for h- separation from pig with metal hydride cathode, <b>2018</b>, Problems of Atomic Science and Technology,116,4,282</li> <li>6. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, <b>2018</b>, Problems of Atomic Science and Technology,118,6,198</li> <li>7. Electrodes dimensions effect on the self-sustained plasma-beam discharge power, <b>2018</b>, Problems of Atomic Science and Technology,116,4,156</li> <li>8. Effect of metal-hydride hydrogen activation on longitudinal yield of negative ions from PIG, <b>2017</b>, International Journal of Hydrogen Energy,42,34,21866</li> <li>9. Longitudinal extraction of H- Ions from penning discharge with metal-hydride cathode, <b>2017</b>, Problems of Atomic Science and Technology,107,1,183</li> <li>10. The capacitive component of double layer current in plasma, <b>2017</b>, Problems of Atomic Science and Technology,107,1,219</li> <li>11. Separation of negative hydrogen ions from penning discharge with metal-hydride cathode, <b>2016</b>, Problems of Atomic Science and Technology,106,6,241</li> <li>12. Features of active power definition in high-current pulsed discharge, <b>2016</b>, Problems of Atomic Science and Technology,106,6,48</li> <li>13. Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply, <b>2015</b>, Problems of Atomic Science and Technology,98,4,342</li> <li>14. Dynamics of euv-radiation from the partially contracted plasma diode, <b>2015</b>, Problems of Atomic Science and Technology,95,1,190</li> <li>15. Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation, <b>2015</b>, Problems of Atomic Science and Technology,95,1,174</li> <li>16. PIG charged particle source with hydrogen supply from a metal-hydride cathode, <b>2014</b>, Journal of Physics: Conference Series,514,1,12051,</li> <li>17. Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode, <b>2014</b>, Problems of Atomic Science and Technology,94,6,201</li> <li>18. Features of electron beam evaporation under surface electron beam formation, <b>2014</b>, Problems of Atomic Science and Technology,94,6,149</li> <li>19. PIG with metal-hydride cathode under ion-stimulated desorption of hydrogen, <b>2013</b>, Problems of Atomic Science and Technology,4,301</li> </ol>	20	<ol style="list-style-type: none"> <li>1. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, <b>2018</b>,4,156,</li> <li>2. Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieee Transactions On Plasma Science, <b>2018</b>,46,10,3541,</li> <li>3. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, <b>2018</b>,6,198,</li> <li>4. Hydrogen Injector Based On Penning Discharge With Metal Hydride Cathode,Problems Of Atomic Science And Technology, <b>2018</b>,6,222,</li> <li>5. Electromagnetic Filter For H-Separation From Pig With Metal Hydride Cathode,Problems Of Atomic Science And Technology, <b>2018</b>,4,282,</li> <li>6. Effect Of Metal-Hydride Hydrogen Activation On Longitudinal Yield Of Negative Ions From Pig,International Journal Of Hydrogen Energy, <b>2017</b>,42,34,21866,</li> <li>7. Longitudinal Extraction Of H- Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2017</b>,1,183,</li> <li>8. The Efficiency Of The Pulsed Power Input In The Limited Plasma Diode,2017 Ieee 21st International Conference On Pulsed Power (Ppc), <b>2017</b>,</li> <li>9. The Capacitive Component Of Double Layer Current In Plasma,Problems Of Atomic Science And Technology, <b>2017</b>,1,219,</li> <li>10. Features Of Active Power Definition In High-Current Pulsed Discharge,Problems Of Atomic Science And Technology, <b>2016</b>,6,48,</li> <li>11. Separation Of Negative Hydrogen Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2016</b>,6,241,</li> <li>12. Optimization Of The Collecting Mirror Location In The Plasma Source Of Extreme Ultraviolet Radiation,Problems Of Atomic Science And Technology, <b>2015</b>,1,174,</li> <li>13. Plasma Parameters In Pig With Metal-Hydride Cathode Under Different Ways Of Hydrogen Supply,Problems Of Atomic Science And Technology, <b>2015</b>,4,342,</li> <li>14. Dynamics Of Euv-Radiation From The Partially Contracted Plasma Diode,Problems Of Atomic Science And Technology, <b>2015</b>,1,190,</li> <li>15. Pig Charged Particle Source With Hydrogen Supply From A Metal-Hydride Cathode,"18th International Summer School On Vacuum, Electron And Ion Technologies (Veit2013)", <b>2014</b>,514,12051</li> <li>16. Influence Of Hydrogen Supply On Emissive Characteristics Of Pig With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2014</b>,6,201,</li> <li>17. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation,Problems Of Atomic Science And Technology, <b>2014</b>,6,149,</li> <li>18. Pig With Metal-Hydride Cathode Under Ion-Stimulated Desorption Of</li> </ol>

				<p>20. Dynamical accelerating structures of thermoionic plasma, <b>2013</b>, Problems of Atomic Science and Technology,4,61</p> <p>21. Experimental simulation of metal-hydride cathode working in penning discharge, <b>2013</b>, Problems of Atomic Science and Technology,1,228</p>		<p>Hydrogen.Problems Of Atomic Science And Technology, <b>2013</b>,4,301,</p> <p>19. Experimental Simulation Of Metal-Hydride Cathode Working In Penning Discharge,Problems Of Atomic Science And Technology, <b>2013</b>,1,228,</p> <p>20. Dynamical Accelerating Structures Of Thermoionic Plasma,Problems Of Atomic Science And Technology, <b>2013</b>,4,61,</p>
Фізико-технічний	Кафедра теоретично і ядерної фізики та вищої математики імені О.І. Ахієзера	Танатаров Ігор Володимирович	6	<p>1. Collisional super-Penrose process and Wald inequalities, <b>2017</b>, General Relativity and Gravitation,49,9,119,</p> <p>2. Bañados-Silk-West effect with nongeodesic particles: Nonextremal horizons, <b>2014</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",90,6,67502,</p> <p>3. "What happens to Petrov classification, on horizons of axisymmetric dirty black holes", <b>2014</b>, Journal of Mathematical Physics,55,2,22502,</p> <p>4. Bañados-Silk-West effect with nongeodesic particles: Extremal horizons, <b>2013</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",88,6,64036,</p> <p>5. Dirty rotating black holes: Regularity conditions on stationary horizons, <b>2012</b>, "Physical Review D - Particles, Fields, Gravitation and Cosmology",86,4,44019,</p> <p>6. "Phonons, rotons and ripplons at interfaces", <b>2012</b>, Problems of Atomic Science and Technology,1,260</p>	6	<p>1. Collisional Super-Penrose Process And Wald Inequalities,General Relativity And Gravitation, <b>2017</b>,49,9,119</p> <p>2. Banados-Silk-West Effect With Nongeodesic Particles: Nonextremal Horizons,Physical Review D, <b>2014</b>,90,6,67502</p> <p>3. "What Happens To Petrov Classification, On Horizons Of Axisymmetric Dirty Black Holes",Journal Of Mathematical Physics, <b>2014</b>,55,2,22502</p> <p>4. Banados-Silk-West Effect With Nongeodesic Particles: Extremal Horizons,Physical Review D, <b>2013</b>,88,6,64036</p> <p>5. Dirty Rotating Black Holes: Regularity Conditions On Stationary Horizons,Physical Review D, <b>2012</b>,86,4,44019</p> <p>6. "Phonons, Rotons And Ripplons At Interfaces",Problems Of Atomic Science And Technology, <b>2012</b>,1,260,</p>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Шевченко Дмитро Іванович	14	<p>1. SIMS Study of Hydrogen Interaction with the LaNi5 Alloy Surface, <b>2018</b>, Journal of Surface Investigation,12,3,576</p> <p>2. On excited particle formation in crossed E×H fields, <b>2018</b>, Vacuum,149,124</p> <p>3. SIMS study of the surface of lanthanum-based alloys, <b>2017</b>, Ukrainian Journal of Physics,62,10,845</p> <p>4. Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions, <b>2017</b>, Journal of Surface Investigation,11,1,146</p> <p>5. Sims study of the surface of TiFe hydride forming alloy, <b>2017</b>, Ukrainian Journal of Physics,62,3,195</p> <p>6. Effect of annealing on the secondary particles emission from the zirconium alloy surface, <b>2017</b>, Problems of Atomic Science and Technology,110,4,39</p> <p>7. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, <b>2016</b>, Journal of Surface Investigation,10,6,1239</p> <p>8. On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet, <b>2016</b>, Vacuum,129,148</p> <p>9. The study of surface of alloys for hydrogen storage by SIMS, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333250,</p> <p>10. SIMS investigation of the processes of gas release from zirconium-based getter alloy, <b>2014</b>, Bulletin of the Russian Academy of Sciences: Physics,78,6,526</p> <p>11. Ion-photon emission under ion bombardment of garnet structures of different composition, <b>2014</b>, Vacuum,105,91</p> <p>12. Effect of modification sapphire surface under ion irradiation on the excited particles yield, <b>2013</b>, Problems of Atomic Science and Technology,87,5,33</p>	13	<p>1. On Excited Particle Formation In Crossed Exh Fields,Vacuum, <b>2018</b>,149,124</p> <p>2. Sims Study Of Hydrogen Interaction With The Lani5 Alloy Surface,Journal Of Surface Investigation, <b>2018</b>,12,3,576</p> <p>3. Sims Study Of The Surface Of Lanthanum-Based Alloys,Ukrainian Journal Of Physics, <b>2017</b>,62,10,845</p> <p>4. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, <b>2017</b>,4,39</p> <p>5. Sims Study Of The Surface Of Tife Hydride Forming Alloy,Ukrainian Journal Of Physics, <b>2017</b>,62,3,195</p> <p>6. Comparison Of The Main Parameters Of The Ion-Photon Emission Of Titanium Atoms And Singly Charged Ions,Journal Of Surface Investigation, <b>2017</b>,11,1,146</p> <p>7. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,Journal Of Surface Investigation, <b>2016</b>,10,6,1239</p> <p>8. On The Mechanisms Of Formation Of Excited Yttrium Atoms Under Ion Bombardment Of Yttrium And Yttrium-Aluminum Garnet,Vacuum, <b>2016</b>,129,148</p> <p>9. The Study Of Surface Of Alloys For Hydrogen Storage By Sims,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</p> <p>10. Ion-Photon Emission Under Ion Bombardment Of Garnet Structures Of Different Composition,Vacuum, <b>2014</b>,105,91</p> <p>11. Effect Of Modification Sapphire Surface Under Ion Irradiation On The Excited Particles Yield,Problems Of Atomic Science And Technology, <b>2013</b>,5,33</p> <p>12. Characteristic Features Of Ion-Photon Emission From Yttrium-Iron</p>

				<p>13. Ion-photon emission of metal-containing organic dyes, <b>2012</b>, Journal of Surface Investigation,6,4,664</p> <p>14. Characteristic features of ion-photon emission from yttrium-iron garnets, <b>2012</b>, Vacuum,86,10,1624</p>		<p>Garnets,Vacuum, <b>2012</b>,86,10,1624</p> <p>13. Ion-Photon Emission Of Metal-Containing Organic Dyes,Journal Of Surface Investigation-X-Ray Synchrotron And Neutron Techniques, <b>2012</b>,6,4,664</p>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Богатиренко Сергій Іванович	18	<p>1. Effect of size on phase transformation temperatures in Ge/Bi/Ge films, <b>2018</b>, Journal of Alloys and Compounds,756,50</p> <p>2. "Supercooling under crystallization of Bi-Sn eutectic alloy in contact with Bi, Sn and amorphous C", <b>2018</b>, Vacuum,152,1</p> <p>3. Ion induced millimetre-scale structures growth on metal surfaces, <b>2018</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",420,46</p> <p>4. De-wetting of nanosized binary films: A case study on au-ge, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 02NTF08,</p> <p>5. Size evolution of solid state area on the Ag-Cu phase diagram, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 02NTF12,</p> <p>6. Application of radioluminescence technique for zirconia powder and nanoceramics, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351,</p> <p>7. Aluminium surface morphology behaviour under high-flux helium ion bombardment, <b>2017</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",405,31</p> <p>8. "Influence of structure 3,5,7,3',4'-Pentahydroxyflavone-based polymer films on their optical transparency", <b>2017</b>, Optical Materials,64,166</p> <p>9. Synthesis and characterization of branched gold nanoparticles, <b>2017</b>, Functional Materials,24,1,21</p> <p>10. Derivatives of selenophene as new precursors for semi-conductor microparticles of CdSe and CdSeS, <b>2016</b>, "Nanosistemi, Nanomateriali, Nanotehnologii",14,4,503</p> <p>11. Formation of the solid solutions in the Au-Ni film system: In situ TEM study, <b>2014</b>, Technical Physics,59,9,1374</p> <p>12. Determination of solid state solubility of the components in the Ag-Ge film system, <b>2014</b>, Journal of Nano- and Electronic Physics,6,4,4026,</p> <p>13. The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system, <b>2014</b>, Applied Physics A: Materials Science and Processing,116,4,1891</p> <p>14. Size dependence of the activation energy of diffusion in multilayer Cu-Ni films, <b>2014</b>, Physics of the Solid State,56,4,823</p> <p>15. In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system, <b>2014</b>, Metallofizika i Noveishie Tekhnologii,36,1,31</p> <p>16. Research into effects of manufacturing and alloying methods on dysprosium hafnate pellet properties, <b>2012</b>, Problems of Atomic Science and Technology,5,62</p> <p>17. Fluorescence probing of thiol-functionalized gold nanoparticles: Is</p>	15	<p>1. Ion Induced Millimetre-Scale Structures Growth On Metal Surfaces,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2018</b>,420,46,</p> <p>2. Effect Of Size On Phase Transformation Temperatures In Ge/Bi/Ge Films,Journal Of Alloys And Compounds, <b>2018</b>,756,50,</p> <p>3. "Supercooling Under Crystallization Of Bi-Sn Eutectic Alloy In Contact With Bi, Sn And Amorphous C",Vacuum, <b>2018</b>,152,1,</p> <p>4. "Effect Of Concentration Of 3,5,7,3 '4 '-Pentahydroxyflavone On Nonlinear Properties Of Doped Epoxy Polymers",Journal Of Polymer Materials, <b>2018</b>,35,2,181,</p> <p>5. Aluminium Surface Morphology Behaviour Under High-Flux Helium Ion Bombardment,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2017</b>,405,31,</p> <p>6. "Influence Of Structure 3,5,7,3 '4 '-Pentahydroxyflavone-Based Polymer Films On Their Optical Transparency",Optical Materials, <b>2017</b>,64,166,</p> <p>7. Synthesis And Characterization Of Branched Gold Nanoparticles,Functional Materials, <b>2017</b>,24,1,21,</p> <p>8. Size Evolution Of Solid State Area On The Ag-Cu Phase Diagram,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 02ntf12</p> <p>9. Application Of Radioluminescence Technique For Zirconia Powder And Nanoceramics,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 02man06</p> <p>10. De-Wetting Of Nanosized Binary Films: A Case Study On Au-Ge,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 02ntf08</p> <p>11. Size Dependence Of The Activation Energy Of Diffusion In Multilayer Cu-Ni Films,Physics Of The Solid State, <b>2014</b>,56,4,823,</p> <p>12. The Kinetics Of The Formation Of A Solid Solution In An Ag-Pd Polycrystalline Film System,Applied Physics A-Materials Science &amp; Processing, <b>2014</b>,116,4,1891,</p> <p>13. Formation Of The Solid Solutions In The Au-Ni Film System: In Situ Tem Study,Technical Physics, <b>2014</b>,59,9,1374,</p> <p>14. Fluorescence Probing Of Thiol-Functionalized Gold Nanoparticles: Is Alkylthiol Coating Of A Nanoparticle As Hydrophobic As Expected?,Journal Of Physical Chemistry C, <b>2012</b>,116,39,21059,</p> <p>15. Piezoquartz Resonator As An In Situ Method For Studying The Phase Transitions In Thin Metal And Alloy Films,Technical Physics, <b>2012</b>,57,6,849,</p>

				alkylthiol coating of a nanoparticle as hydrophobic as expected?, <b>2012</b> , Journal of Physical Chemistry C,116,39,21059		
				18. Piezoquartz resonator as an in situ method for studying the phase transitions in thin metal and alloy films, <b>2012</b> , Technical Physics,57,6,849		
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Зиков Олександр Володимирович	10	<ol style="list-style-type: none"> <li>1. Design and research of combined magnetron-ion-beam sputtering system, <b>2018</b>, Problems of Atomic Science and Technology,118,6,263</li> <li>2. Plasma assisted deposition of TaB2 coatings by magnetron sputtering system, <b>2017</b>, Problems of Atomic Science and Technology,107,1,187</li> <li>3. Effect of magnetron sputtering (RF and DC) parameters on the TaB2 films structure, <b>2016</b>, "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757265,</li> <li>4. Synthesis of thin-film TA2O5 coatings by reactive magnetron sputtering, <b>2016</b>, Problems of Atomic Science and Technology,106,6,248</li> <li>5. Ignition and break-down of the gas discharge in magnetic field, <b>2015</b>, Problems of Atomic Science and Technology,98,4,224</li> <li>6. Low pressure gas discharge in magnetically insulated diode, <b>2015</b>, Problems of Atomic Science and Technology,95,1,259</li> <li>7. Double magnetron cluster set-up for synthesis of micro and nano structure coatings, <b>2015</b>, Problems of Atomic Science and Technology,95,1,187</li> <li>8. Characteristics of discharge in crossed ExH fields near breakdown curve in acceleration and plasma regime, <b>2013</b>, Problems of Atomic Science and Technology,1,186</li> <li>9. Technological aprobaton of integral cluster set-up for complex compound composites syntesis, <b>2012</b>, Problems of Atomic Science and Technology,6,220</li> <li>10. Structure and fluorecence of ZnW0 4 films prepared by ion beam sputtering, <b>2012</b>, Functional Materials,19,1,84</li> </ol>	9	<ol style="list-style-type: none"> <li>1. Design And Research Of Combined Magnetron-Ion-Beam Sputtering System,Problems Of Atomic Science And Technology, <b>2018</b>,6,263,</li> <li>2. Plasma Assisted Deposition Of Tab2 Coatings By Magnetron Sputtering System,Problems Of Atomic Science And Technology, <b>2017</b>,1,187,</li> <li>3. Synthesis Of Thin-Film Ta(2)O(5) Coatings By Reactive Magnetron Sputtering,Problems Of Atomic Science And Technology, <b>2016</b>,6,248,</li> <li>4. Effect Of Magnetron Sputtering (Rf And Dc) Parameters On The Tab2 Films Structure,International Conference On Nanomaterials: Application &amp; Properties (Nap), <b>2016</b>,Unsp 01pci08</li> <li>5. Low Pressure Gas Discharge In Magnetically Insulated Diode,Problems Of Atomic Science And Technology, <b>2015</b>,1,259,</li> <li>6. Double Magnetron Cluster Set-Up For Synthesis Of Micro And Nano Structure Coatings,Problems Of Atomic Science And Technology, <b>2015</b>,1,187,</li> <li>7. Ignition And Break-Down Of The Gas Discharge In Magnetic Field,Problems Of Atomic Science And Technology, <b>2015</b>,4,224,</li> <li>8. Characteristics Of Discharge In Crossed Exh Fields Near Breakdown Curve In Acceleration And Plasma Regime,Problems Of Atomic Science And Technology, <b>2013</b>,1,186,</li> <li>9. Technological Aprobaton Of Integral Cluster Set-Up For Complex Compound Composites Syntesis,Problems Of Atomic Science And Technology, <b>2012</b>,6,220,</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Рябчиков Дмитро Львович	21	<ol style="list-style-type: none"> <li>1. The efficiency of the pulsed power input in the limited plasma diode, <b>2018</b>, IEEE International Pulsed Power Conference,2017-June,8291229,</li> <li>2. Hydrogen injector based on penning discharge with metal hydride cathode, <b>2018</b>, Problems of Atomic Science and Technology,118,6,222</li> <li>3. Electromagnetic filter for h- separation from pig with metal hydride cathode, <b>2018</b>, Problems of Atomic Science and Technology,116,4,282</li> <li>4. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, <b>2018</b>, Problems of Atomic Science and Technology,118,6,198</li> <li>5. Electrodes dimensions effect on the self-sustained plasma-beam discharge power, <b>2018</b>, Problems of Atomic Science and Technology,116,4,156</li> <li>6. Effect of metal-hydride hydrogen activation on longitudinal yield of negative ions from PIG, <b>2017</b>, International Journal of Hydrogen Energy,42,34,21866</li> <li>7. Longitudinal extraction of H- Ions from penning discharge with metal-hydride cathode, <b>2017</b>, Problems of Atomic Science and Technology,107,1,183</li> <li>8. The capacitive component of double layer current in plasma, <b>2017</b>, Problems of Atomic Science and Technology,107,1,219</li> <li>9. Separation of negative hydrogen ions from penning discharge with metal-hydride cathode, <b>2016</b>, Problems of Atomic Science and</li> </ol>	20	<ol style="list-style-type: none"> <li>1. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, <b>2018</b>,4,156,</li> <li>2. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, <b>2018</b>,6,198,</li> <li>3. Hydrogen Injector Based On Penning Discharge With Metal Hydride Cathode,Problems Of Atomic Science And Technology, <b>2018</b>,6,222,</li> <li>4. Electromagnetic Filter For H-Separation From Pig With Metal Hydride Cathode,Problems Of Atomic Science And Technology, <b>2018</b>,4,282,</li> <li>5. Effect Of Metal-Hydride Hydrogen Activation On Longitudinal Yield Of Negative Ions From Pig,International Journal Of Hydrogen Energy, <b>2017</b>,42,34,21866,</li> <li>6. Longitudinal Extraction Of H- Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2017</b>,1,183,</li> <li>7. The Efficiency Of The Pulsed Power Input In The Limited Plasma Diode,2017 Ieee 21st International Conference On Pulsed Power (Ppc), <b>2017</b>,</li> <li>8. The Capacitive Component Of Double Layer Current In Plasma,Problems Of Atomic Science And Technology, <b>2017</b>,1,219,</li> </ol>

				<p>Technology,106,6,241</p> <ol style="list-style-type: none"> <li>10. Features of active power definition in high-current pulsed discharge, <b>2016</b>, Problems of Atomic Science and Technology,106,6,48</li> <li>11. Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply, <b>2015</b>, Problems of Atomic Science and Technology,98,4,342</li> <li>12. Dynamics of euv-radiation from the partially contracted plasma diode, <b>2015</b>, Problems of Atomic Science and Technology,95,1,190</li> <li>13. Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation, <b>2015</b>, Problems of Atomic Science and Technology,95,1,174</li> <li>14. PIG charged particle source with hydrogen supply from a metal-hydride cathode, <b>2014</b>, Journal of Physics: Conference Series,514,1,12051,</li> <li>15. Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode, <b>2014</b>, Problems of Atomic Science and Technology,94,6,201</li> <li>16. Features of electron beam evaporation under surface electron beam formation, <b>2014</b>, Problems of Atomic Science and Technology,94,6,149</li> <li>17. PIG with metal-hydride cathode under ion-stimulated desorption of hydrogen, <b>2013</b>, Problems of Atomic Science and Technology,4,301</li> <li>18. Dynamical accelerating structures of thermoionic plasma, <b>2013</b>, Problems of Atomic Science and Technology,4,61</li> <li>19. Experimental simulation of metal-hydride cathode working in penning discharge, <b>2013</b>, Problems of Atomic Science and Technology,1,228</li> <li>20. Double electric layer influence on dynamic of EUV radiation from plasma of high-current pulse diode in tin vapor, <b>2013</b>, "Physics Letters, Section A: General, Atomic and Solid State Physics",377,03.anp,307</li> <li>21. Influence of external magnetic field on intensity and directivity of EUV radiation from high-current pulse plasma diode, <b>2012</b>, Problems of Atomic Science and Technology,6,184</li> </ol>		<ol style="list-style-type: none"> <li>9. Features Of Active Power Definition In High-Current Pulsed Discharge,Problems Of Atomic Science And Technology, <b>2016</b>,6,48,</li> <li>10. Separation Of Negative Hydrogen Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2016</b>,6,241,</li> <li>11. Optimization Of The Collecting Mirror Location In The Plasma Source Of Extreme Ultraviolet Radiation,Problems Of Atomic Science And Technology, <b>2015</b>,1,174,</li> <li>12. Plasma Parameters In Pig With Metal-Hydride Cathode Under Different Ways Of Hydrogen Supply,Problems Of Atomic Science And Technology, <b>2015</b>,4,342,</li> <li>13. Dynamics Of Euv-Radiation From The Partially Contracted Plasma Diode,Problems Of Atomic Science And Technology, <b>2015</b>,1,190,</li> <li>14. Pig Charged Particle Source With Hydrogen Supply From A Metal-Hydride Cathode,"18th International Summer School On Vacuum, Electron And Ion Technologies (Veit2013)", <b>2014</b>,514,12051</li> <li>15. Influence Of Hydrogen Supply On Emissive Characteristics Of Pig With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2014</b>,6,201,</li> <li>16. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation,Problems Of Atomic Science And Technology, <b>2014</b>,6,149,</li> <li>17. Experimental Simulation Of Metal-Hydride Cathode Working In Penning Discharge,Problems Of Atomic Science And Technology, <b>2013</b>,1,228,</li> <li>18. Double Electric Layer Influence On Dynamic Of Euv Radiation From Plasma Of High-Current Pulse Diode In Tin Vapor,Physics Letters A, <b>2013</b>,377,03.Anp,307,</li> <li>19. Dynamical Accelerating Structures Of Thermoionic Plasma,Problems Of Atomic Science And Technology, <b>2013</b>,4,61,</li> <li>20. Influence Of External Magnetic Field On Intensity And Directivity Of Euv Radiation From High-Current Pulse Plasma Diode,Problems Of Atomic Science And Technology, <b>2012</b>,6,184,</li> </ol>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Калантар`ян Оганес Ваганович	12	<ol style="list-style-type: none"> <li>1. <math>\alpha</math>-Particle induced forward-backward electron emission from titanium nitride, <b>2018</b>, Problems of Atomic Science and Technology,116,4,293</li> <li>2. Application of radioluminescence technique for zirkonia powder and nanoceramics, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351,</li> <li>3. Influence of He+ long-time irradiation on silica luminescence spectrum, <b>2017</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",407,5</li> <li>4. Ukrainian amber luminescence induced by X-rays and ultraviolet radiation, <b>2017</b>, Journal of Luminescence,188,319</li> <li>5. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment, <b>2016</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",366,90</li> <li>6. Photo- and radioluminescence of poleskiy amber, <b>2016</b>, Functional Materials,23,4,582</li> </ol>	10	<ol style="list-style-type: none"> <li>1. Alpha-Particle Induced Forward-Backward Electron Emission From Titanium Nitride,Problems Of Atomic Science And Technology, <b>2018</b>,4,293,</li> <li>2. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2017</b>,407,5,</li> <li>3. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation,Journal Of Luminescence, <b>2017</b>,188,319,</li> <li>4. Application Of Radioluminescence Technique For Zirkonia Powder And Nanoceramics,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 02man06</li> <li>5. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Experiment,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2016</b>,366,90,</li> <li>6. Photo- And Radioluminescence Of Poleskiy,Functional Materials, <b>2016</b>,23,4,582,</li> </ol>



				<ol style="list-style-type: none"> <li>7. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory, <b>2015</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",362,182</li> <li>8. Change of silica luminescence due to fast hydrogen ion bombardment, <b>2015</b>, Nukleonika,60,2,289</li> <li>9. Forward and backward electron emission in binary cell of radioisotope current source, <b>2015</b>, Problems of Atomic Science and Technology,98,4,331</li> <li>10. Fast ion induced luminescence of silica implanted by molecular hydrogen, <b>2014</b>, Functional Materials,21,1,26</li> <li>11. Forward and backward electron emission induced by protons from copper foil, <b>2013</b>, Problems of Atomic Science and Technology,4,320</li> <li>12. Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions, <b>2013</b>, Functional Materials,20,4,462</li> </ol>		<ol style="list-style-type: none"> <li>7. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Theory,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2015</b>,362,182,</li> <li>8. Change Of Silica Luminescence Due To Fast Hydrogen Ion Bombardment,Nukleonika, <b>2015</b>,60,2,289,</li> <li>9. Forward And Backward Electron Emission In Binary Cell Of Radioisotope Current Source,Problems Of Atomic Science And Technology, <b>2015</b>,4,331,</li> <li>10. Forward And Backward Electron Emission Induced By Protons From Copper Foil,Problems Of Atomic Science And Technology, <b>2013</b>,4,320,</li> </ol>
Фізико-технічний	Кафедра прикладної фізики та плазми	Шишкін Олег Олександрович	12	<ol style="list-style-type: none"> <li>1. Discretized collision operator for simulations of fusion non-maxwellian plasma relaxation, <b>2018</b>, Problems of Atomic Science and Technology,118,6,101</li> <li>2. Effect of a superconducting coil as a fault current limiter on current density distribution in BSCCO tape after an over-current pulse, <b>2017</b>, Journal of Physics: Conference Series, 871, 1, 12035,</li> <li>3. Observation of self-magnetic field relaxations in Bi2223 and Y123 HTS tapes after over-current pulse and DC current operation, <b>2016</b>, Cryogenics, 77, , , 53</li> <li>4. Inverse Problem Solution Algorithms for Current Density Distribution Calculation in Different HTS Tape Configurations Basing on Minimum Self-Magnetic Field Measurements, <b>2016</b>, IEEE Transactions on Applied Superconductivity, 26, 3, 7390036,</li> <li>5. Current Density Profiles of BSCCO Tapes in the Stacked Conductor under Different Current Feeding Modes, <b>2016</b>, IEEE Transactions on Applied Superconductivity, 26, 3, 7423726,</li> <li>6. Study of 2D residual current density profiles of BSCCO and YBCO HTS tapes by means of 3D hall probe system, <b>2016</b>, IEEE Transactions on Applied Superconductivity, 26, 3, 7420618,</li> <li>7. Dependence of DC HTS Cable Critical Current on the Temperature Distribution along the Cable, <b>2016</b>, Physics Procedia, 81, , , 191</li> <li>8. Residual Magnetic Field Measurement of BSCCO and YBCO Tapes by a Hall Probe, 2015, IEEE Transactions on Applied Superconductivity, 25, 3, 6963279,</li> <li>9. Residual magnetic field profiles and their current density profiles of coated conductors for fast and slow cut-off current operations, <b>2015</b>, Progress in Superconductivity and Cryogenics (PSAC), 17, 1, , 17</li> <li>10. Energy and particle fluxes in presence of RMP in axisymmetric 2D tokamak plasmas, <b>2013</b>, Problems of Atomic Science and Technology, 1, , 36</li> <li>11. The effect of externally applied resonant magnetic perturbations on fusion product dynamics in toroidal plasmas: Numerical simulation, <b>2013</b>, Journal of Fusion Energy, 32, 2, , 247</li> <li>12. Energy and pitch-angle distribution of the prompt losses in tokamak with non-circular cross-section, <b>2012</b>, Problems of Atomic Science and</li> </ol>	11	<ol style="list-style-type: none"> <li>1. Discretized Collision Operator For Simulations Of Fusion Non-Maxwellian Plasma Relaxation,Problems Of Atomic Science And Technology, <b>2018</b>,6,101,</li> <li>2. Effect Of A Superconducting Coil As A Fault Current Limiter On Current Density Distribution In Bscco Tape After An Over-Current Pulse,29th International Symposium On Superconductivity, <b>2017</b>,871,Unsp 012035</li> <li>3. Inverse Problem Solution Algorithms For Current Density Distribution Calculation In Different Hts Tape Configurations Basing On Minimum Self-Magnetic Field Measurements,Ieee Transactions On Applied Superconductivity, <b>2016</b>,26,3,9000404</li> <li>4. Observation Of Self-Magnetic Field Relaxations In Bi2223 And Y123 Hts Tapes After Over-Current Pulse And Dc Current Operation,Cryogenics, <b>2016</b>,77,53,</li> <li>5. Current Density Profiles Of Bscco Tapes In The Stacked Conductor Under Different Current Feeding Modes,Ieee Transactions On Applied Superconductivity, <b>2016</b>,26,3,8001004</li> <li>6. Dependence Of Dc Hts Cable Critical Current On The Temperature Distribution Along The Cable,Proceedings Of The 28th International Symposium On Superconductivity (Iss 2015), <b>2016</b>,81,191,</li> <li>7. Residual Magnetic Field Measurement Of Bscco And Ybco Tapes By A Hall Probe,Ieee Transactions On Applied Superconductivity, <b>2015</b>,25,3,8000704</li> <li>8. Residual Magnetic Field Profiles And Their Current Density Profiles Of Coated Conductors For Fast And Slow Cut-Off Current Operations,Progress In Superconductivity And Cryogenics, <b>2015</b>,17,1,17,</li> <li>9. The Effect Of Externally Applied Resonant Magnetic Perturbations On Fusion Product Dynamics In Toroidal Plasmas: Numerical Simulation,Journal Of Fusion Energy, <b>2013</b>,32,2,247,</li> <li>10. Energy And Particle Fluxes In Presence Of Rmp In Axisymmetric 2d Tokamak Plasmas,Problems Of Atomic Science And Technology, <b>2013</b>,1,36,</li> <li>11. Energy And Pitch-Angle Distribution Of The Prompt Losses In Tokamak With Non-Circular Cross-Section,Problems Of Atomic Science And Technology, <b>2012</b>,6,28,</li> </ol>

				Technology, 6, , 28.		
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Журенко Віталій Павлович	12	<ol style="list-style-type: none"> <li>1. <math>\alpha</math>-Particle induced forward-backward electron emission from titanium nitride, <b>2018</b>, Problems of Atomic Science and Technology,116,4,293</li> <li>2. Application of radioluminescence technique for zirconia powder and nanoceramics, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351,</li> <li>3. Influence of He+ long-time irradiation on silica luminescence spectrum, <b>2017</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",407,5</li> <li>4. Ukrainian amber luminescence induced by X-rays and ultraviolet radiation, <b>2017</b>, Journal of Luminescence,188,319</li> <li>5. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment, <b>2016</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",366,90</li> <li>6. Photo- and radioluminescence of poleskiy amber, <b>2016</b>, Functional Materials,23,4,582</li> <li>7. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory, <b>2015</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",362,182</li> <li>8. Change of silica luminescence due to fast hydrogen ion bombardment, <b>2015</b>, Nukleonika,60,2,289</li> <li>9. Forward and backward electron emission in binary cell of radioisotope current source, <b>2015</b>, Problems of Atomic Science and Technology,98,4,331</li> <li>10. Fast ion induced luminescence of silica implanted by molecular hydrogen, <b>2014</b>, Functional Materials,21,1,26</li> <li>11. Forward and backward electron emission induced by protons from copper foil, <b>2013</b>, Problems of Atomic Science and Technology,4,320</li> <li>12. Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions, <b>2013</b>, Functional Materials,20,4,462</li> </ol>	10	<ol style="list-style-type: none"> <li>1. Alpha-Particle Induced Forward-Backward Electron Emission From Titanium Nitride,Problems Of Atomic Science And Technology, <b>2018</b>,4,293,</li> <li>2. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum,Nuclear Instruments &amp; Methods In Physics Research Section B- Beam Interactions With Materials And Atoms, <b>2017</b>,407,5,</li> <li>3. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation,Journal Of Luminescence, <b>2017</b>,188,319,</li> <li>4. Application Of Radioluminescence Technique For Zirconia Powder And Nanoceramics,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap), <b>2017</b>,Unsp 02man06</li> <li>5. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Experiment,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2016</b>,366,90,</li> <li>6. Photo- And Radioluminescence Of Poleskiy,Functional Materials, <b>2016</b>,23,4,582,</li> <li>7. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Theory,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2015</b>,362,182,</li> <li>8. Change Of Silica Luminescence Due To Fast Hydrogen Ion Bombardment,Nukleonika, <b>2015</b>,60,2,289,</li> <li>9. Forward And Backward Electron Emission In Binary Cell Of Radioisotope Current Source,Problems Of Atomic Science And Technology, <b>2015</b>,4,331,</li> <li>10. Forward And Backward Electron Emission Induced By Protons From Copper Foil,Problems Of Atomic Science And Technology, <b>2013</b>,4,320,</li> </ol>
Фізико-технічний	Кафедра ядерної та медичної фізики	Рудичев Володимир Григорович	8	<ol style="list-style-type: none"> <li>1. Optimization of<sup>99m</sup>Tc isotope production system using coupled Monte Carlo and fluid dynamics methods, <b>2018</b>, "13th International Topical Meeting on Nuclear Applications of Accelerators 2017, AccApp 2017: The Expanding Universe of Accelerator Applications",492</li> <li>2. Efficiency of the dose rate calculation by monte-carlo method and point kernel method when handling radioactive waste, <b>2018</b>, Problems of Atomic Science and Technology,114,2,63</li> <li>3. Contribution of radionuclides to heat release in the process of SNF dry storage, <b>2017</b>, Problems of Atomic Science and Technology,108,2,91</li> <li>4. Irradiation Dose Minimization by Optimizing the Arrangement of Radiation Sources of Different Intensity, <b>2016</b>, Atomic Energy,119,4,285</li> <li>5. Influence of certain radionuclides on outer radiation of spent nuclear fuel at dry storage, <b>2016</b>, Problems of Atomic Science and Technology,105,5,48</li> <li>6. Change of radioactive waste characteristics at their processing and storage at nuclear power plants, <b>2015</b>, Problems of Atomic Science and</li> </ol>	8	<ol style="list-style-type: none"> <li>1. Efficiency Of The Dose Rate Calculation By Monte-Carlo Method And Point Kernel Method When Handling Radioactive Waste,Problems Of Atomic Science And Technology, <b>2018</b>,2,63</li> <li>2. Contribution Of Radionuclides To Heat Release In The Process Of Snf Dry Storage,Problems Of Atomic Science And Technology, <b>2017</b>,2,91</li> <li>3. Irradiation Dose Minimization By Optimizing The Arrangement Of Radiation Sources Of Different Intensity,Atomic Energy, <b>2016</b>,119,4,285</li> <li>4. Bremsstrahlung Formation In The Dual Energy Method For Radiography Of The Unauthorized Embedding,East European Journal Of Physics, <b>2016</b>,3,2,32</li> <li>5. Influence Of Certain Radionuclides On Outer Radiation Of Spent Nuclear Fuel At Dry Storage,Problems Of Atomic Science And Technology, <b>2016</b>,5,48</li> <li>6. Change Of Radioactive Waste Characteristics At Their Processing And Storage At Nuclear Power Plants,Problems Of Atomic Science And</li> </ol>

				<p>Technology,97,3,83</p> <p>7. Optimization of the Detection System for 16 registration along with coolant leaks in the wwer-1000 steam generator, <b>2013</b>, Problems of Atomic Science and Technology,3,259</p> <p>8. Protective structures for storing spent nuclear fuel from the zaporozhye npp, <b>2012</b>, Atomic Energy,112,4,261</p>		<p>Technology, <b>2015</b>,3,83</p> <p>7. Optimization Of The Detection System For N-16 Registration Along With Coolant Leaks In The Wwer-1000 Steam Generator,Problems Of Atomic Science And Technology, <b>2013</b>,3,259</p> <p>8. Protective Structures For Storing Spent Nuclear Fuel From The Zaporozhye Npp,Atomic Energy, <b>2012</b>,112,4,261</p>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Ромашенко Олена Володимирівна	13	<p>1. Charging of a macroparticle in cathodic arc sheath, <b>2018</b>, Problems of Atomic Science and Technology,116,4,176</p> <p>2. Decay of liquid metallic macroparticles in plasmabeam systems due to rayleigh instability, <b>2017</b>, Problems of Atomic Science and Technology,107,1,163</p> <p>3. Transport of a macroparticle in vacuum arc sheath, <b>2016</b>, IEEE Transactions on Plasma Science,44,7,7486120,1050</p> <p>4. Vaporization of metallic macroparticles in the high temperature technology plasma, <b>2016</b>, Problems of Atomic Science and Technology,106,6,268</p> <p>5. Macroparticles in beam-plasma systems, <b>2016</b>, Problems of Atomic Science and Technology,106,6,187</p> <p>6. Charging of macroparticles in a high-voltage vacuum ARC sheath, <b>2015</b>, Problems of Atomic Science and Technology,95,1,246</p> <p>7. Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources, <b>2015</b>, Problems of Atomic Science and Technology,98,4,298</p> <p>8. Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam, <b>2014</b>, Problems of Atomic Science and Technology,94,6,164</p> <p>9. Charging processes and phase states of macroparticles in low-pressure arc discharge, <b>2013</b>, Problems of Atomic Science and Technology,4,176</p> <p>10. Particle charging in beam-plasma systems, <b>2013</b>, Problems of Atomic Science and Technology,1,183</p> <p>11. Self-compensation of the focused ion beam space charge, <b>2013</b>, Problems of Atomic Science and Technology,1,204</p> <p>12. Effect of the parameters of a gas-discharge plasma on the equilibrium temperature and floating potential of macroparticle, <b>2012</b>, Problems of Atomic Science and Technology,6,175</p> <p>13. Longitudinal ion source with the current self-compensation of the focused ion beam, <b>2012</b>, Plasma Physics Reports,38,13,1032</p>	14	<p>1. Charging Of A Macroparticle In Cathodic Arc Sheath,Problems Of Atomic Science And Technology, <b>2018</b>,4,176</p> <p>2. Decay Of Liquid Metallic Macroparticles In Plasma-Beam Systems Due To Rayleigh Instability,Problems Of Atomic Science And Technology, <b>2017</b>,1,163</p> <p>3. Transport Of A Macroparticle In Vacuum Arc Sheath,Ieee Transactions On Plasma Science, <b>2016</b>,44,7,1050</p> <p>4. Macroparticles In Beam-Plasma Systems,Problems Of Atomic Science And Technology, <b>2016</b>,6,187</p> <p>5. Vaporization Of Metallic Macroparticles In The High Temperature Technology Plasma,Problems Of Atomic Science And Technology, <b>2016</b>,6,268</p> <p>6. Dynamics Of Macroparticles In A Magnetic Filter For A Vacuum Arc Plasma Sources,Problems Of Atomic Science And Technology, <b>2015</b>,4,298</p> <p>7. Charging Of Macroparticles In A High-Voltage Vacuum Arc Sheath,Problems Of Atomic Science And Technology, <b>2015</b>,1,246</p> <p>8. Age-Related Features Of Cytoflavin Effectiveness During Experimental Myocardial Ischemia,Bulletin Of Experimental Biology And Medicine, <b>2014</b>,156,6,785</p> <p>9. Capture And Transport Of Macroparticles In Curved Plasma Duct At Low Magnetic Field In The Presence Of An Electron Beam,Problems Of Atomic Science And Technology, <b>2014</b>,6,164</p> <p>10. Self-Compensation Of The Focused Ion Beam Space Charge,Problems Of Atomic Science And Technology, <b>2013</b>,1,204</p> <p>11. Charging Processes And Phase States Of Macroparticles In Low-Pressure Arc Discharge,Problems Of Atomic Science And Technology, <b>2013</b>,4,176</p> <p>12. Particle Charging In Beam-Plasma Systems,Problems Of Atomic Science And Technology, <b>2013</b>,1,183</p> <p>13. Effect Of The Parameters Of A Gas-Discharge Plasma On The Equilibrium Temperature And Floating Potential Of Macroparticle,Problems Of Atomic Science And Technology, <b>2012</b>,6,175</p> <p>14. Longitudinal Ion Source With The Current Self-Compensation Of The Focused Ion Beam,Plasma Physics Reports, <b>2012</b>,38,13,1032</p>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Афанасьєва Інна Олексіївна	9	<p>1. On excited particle formation in crossed E×H fields, <b>2018</b>, Vacuum,149,124</p> <p>2. Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions, <b>2017</b>, Journal of Surface Investigation,11,1,146</p> <p>3. Effect of annealing on the secondary particles emission from the zirconium alloy surface, <b>2017</b>, Problems of Atomic Science and Technology,110,4,39</p>	4	<p>1. On Excited Particle Formation In Crossed Exh Fields,Vacuum, <b>2018</b>,149,124</p> <p>2. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, <b>2017</b>,4,39</p> <p>3. Comparison Of The Main Parameters Of The Ion-Photon Emission Of Titanium Atoms And Singly Charged Ions,Journal Of Surface</p>

				<ol style="list-style-type: none"> <li>4. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, <b>2016</b>, Journal of Surface Investigation,10,6,1239</li> <li>5. On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet, <b>2016</b>, Vacuum,129,148</li> <li>6. Ion-photon emission under ion bombardment of garnet structures of different composition, <b>2014</b>, Vacuum,105,91</li> <li>7. Effect of modification sapphire surface under ion irradiation on the excited particles yield, <b>2013</b>, Problems of Atomic Science and Technology,87,5,33</li> <li>8. Ion-photon emission of metal-containing organic dyes, <b>2012</b>, Journal of Surface Investigation,6,4,664</li> <li>9. Characteristic features of ion-photon emission from yttrium-iron garnets, <b>2012</b>, Vacuum,86,10,1624</li> </ol>		<p>Investigation, <b>2017</b>,11,1,146</p> <ol style="list-style-type: none"> <li>4. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,Journal Of Surface Investigation, <b>2016</b>,10,6,1239</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Літвинов Віктор Олексійович	7	<ol style="list-style-type: none"> <li>1. SIMS Study of Hydrogen Interaction with the LaNi5 Alloy Surface, <b>2018</b>, Journal of Surface Investigation,12,3,576</li> <li>2. SIMS study of the surface of lanthanum-based alloys, <b>2017</b>, Ukrainian Journal of Physics,62,10,845</li> <li>3. Sims study of the surface of TiFe hydride forming alloy, <b>2017</b>, Ukrainian Journal of Physics,62,3,195</li> <li>4. Effect of annealing on the secondary particles emission from the zirconium alloy surface, <b>2017</b>, Problems of Atomic Science and Technology,110,4,39</li> <li>5. The study of surface of alloys for hydrogen storage by SIMS, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333250,</li> <li>6. SIMS investigation of the processes of gas release from zirconium-based getter alloy, <b>2014</b>, Bulletin of the Russian Academy of Sciences: Physics,78,6,526</li> <li>7. SIMS investigations of hydrogen interaction with a zirconium getter alloy surface, <b>2012</b>, Bulletin of the Russian Academy of Sciences: Physics,76,5,553</li> </ol>	6	<ol style="list-style-type: none"> <li>1. Sims Study Of Hydrogen Interaction With The Lani5 Alloy Surface,Journal Of Surface Investigation, <b>2018</b>,12,3,576,</li> <li>2. Sims Study Of The Surface Of Lanthanum-Based Alloys,Ukrainian Journal Of Physics, <b>2017</b>,62,10,845,</li> <li>3. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, <b>2017</b>,4,39,</li> <li>4. Sims Study Of The Surface Of Tife Hydride Forming Alloy,Ukrainian Journal Of Physics, <b>2017</b>,62,3,195,</li> <li>5. The Study Of Surface Of Alloys For Hydrogen Storage By Sims,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</li> <li>6. About Using Of Secondary Ion Mass Spectrometry Method For Research Of Bioorganic Objects,East European Journal Of Physics, <b>2015</b>,2,4,58,</li> </ol>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Чібісов Олександр Дмитрович	7	<ol style="list-style-type: none"> <li>1. Decay of liquid metallic macroparticles in plasmabeam systems due to rayleigh instability, <b>2017</b>, Problems of Atomic Science and Technology,107,1,163</li> <li>2. Vaporization of metallic macroparticles in the high temperature technology plasma, <b>2016</b>, Problems of Atomic Science and Technology,106,6,268</li> <li>3. Charging of macroparticles in a high-voltage vacuum ARC sheath, <b>2015</b>, Problems of Atomic Science and Technology,95,1,246</li> <li>4. Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources, <b>2015</b>, Problems of Atomic Science and Technology,98,4,298</li> <li>5. Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam, <b>2014</b>, Problems of Atomic Science and Technology,94,6,164</li> <li>6. Charging processes and phase states of macroparticles in low-pressure arc discharge, <b>2013</b>, Problems of Atomic Science and Technology,4,176</li> <li>7. Effect of the parameters of a gas-discharge plasma on the equilibrium temperature and floating potential of macroparticle, <b>2012</b>, Problems of Atomic Science and Technology,6,175</li> </ol>	7	<ol style="list-style-type: none"> <li>1. Decay Of Liquid Metallic Macroparticles In Plasma-Beam Systems Due To Rayleigh Instability,Problems Of Atomic Science And Technology, <b>2017</b>,1,163</li> <li>2. Vaporization Of Metallic Macroparticles In The High Temperature Technology Plasma,Problems Of Atomic Science And Technology, <b>2016</b>,6,268</li> <li>3. Dynamics Of Macroparticles In A Magnetic Filter For A Vacuum Arc Plasma Sources,Problems Of Atomic Science And Technology, <b>2015</b>,4,298</li> <li>4. Charging Of Macroparticles In A High-Voltage Vacuum Arc Sheath,Problems Of Atomic Science And Technology, <b>2015</b>,1,246</li> <li>5. Capture And Transport Of Macroparticles In Curved Plasma Duct At Low Magnetic Field In The Presence Of An Electron Beam,Problems Of Atomic Science And Technology, <b>2014</b>,6,164</li> <li>6. Charging Processes And Phase States Of Macroparticles In Low-Pressure Arc Discharge,Problems Of Atomic Science And Technology, <b>2013</b>,4,176</li> <li>7. Effect Of The Parameters Of A Gas-Discharge Plasma On The Equilibrium Temperature And Floating Potential Of Macroparticle,Problems Of Atomic Science And Technology, <b>2012</b>,6,175</li> </ol>

Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Голубов Олексій Андрійович	14	<ol style="list-style-type: none"> <li>1. The local rotation curve of the Milky Way based on SEGUE and RAVE data, <b>2018</b>, Astronomy and Astrophysics,614, A63,</li> <li>2. A New Equilibrium State for Singly Synchronous Binary Asteroids, <b>2018</b>, Astrophysical Journal Letters,857,1, L5,</li> <li>3. Analytic model for tangential YORP, <b>2017</b>, Astronomical Journal,154,6,238,</li> <li>4. EQUILIBRIUM ROTATION STATES of DOUBLY SYNCHRONOUS BINARY ASTEROIDS, <b>2016</b>, Astrophysical Journal Letters,833,2, L23,</li> <li>5. Obliquity dependence of the tangential YORP, <b>2016</b>, Astronomy and Astrophysics,592, A115,</li> <li>6. Physical models for the normal YORP and diurnal Yarkovsky effects, <b>2016</b>, Monthly Notices of the Royal Astronomical Society,458,4,3977</li> <li>7. A three-dimensional model of tangential yorp, <b>2014</b>, Astrophysical Journal,794,1, 22 (9pp),</li> <li>8. "The asymmetric drift, the local standard of rest, and implications from RAVE data", <b>2013</b>, Astronomy and Astrophysics,557, A92,</li> <li>9. A detailed self-consistent vertical Milky Way disc model, <b>2012</b>, EPJ Web of Conferences,19,10007,</li> <li>10. Rotation curve of the Milky Way, <b>2012</b>, EPJ Web of Conferences,19,1006,</li> <li>11. The rotation curve and the density model of the Milky Way, <b>2012</b>, Proceedings of the International Astronomical Union,8,S295,231</li> <li>12. The density model of the Milky Way from the tangent-point measurements of the rotation curve, <b>2012</b>, Proceedings of the International Astronomical Union,8,S292,101</li> <li>13. Tangential component of the YORP effect, <b>2012</b>, Astrophysical Journal Letters,752,1, L11,</li> <li>14. Influence of thermal models on the YORP effect, <b>2012</b>, Proceedings of the International Astronomical Union,10,H16,173</li> </ol>	10	<ol style="list-style-type: none"> <li>1. The Local Rotation Curve Of The Milky Way Based On Segue And Rave Data,Astronomy &amp; Astrophysics, <b>2018</b>,614,A63</li> <li>2. A New Equilibrium State For Singly Synchronous Binary Asteroids,Astrophysical Journal Letters, <b>2018</b>,857,1,L5</li> <li>3. "Physical Models For The Normal Yorp And Diurnal Yarkovsky Effects (Vol 458, Pg 3977, 2016)".Monthly Notices Of The Royal Astronomical Society, <b>2018</b>,473,2,1784,</li> <li>4. Analytic Model For Tangential Yorp,Astronomical Journal, <b>2017</b>,154,6,238</li> <li>5. Physical Models For The Normal Yorp And Diurnal Yarkovsky Effects,Monthly Notices Of The Royal Astronomical Society, <b>2016</b>,458,4,3977,</li> <li>6. Equilibrium Rotation States Of Doubly Synchronous Binary Asteroids,Astrophysical Journal Letters, <b>2016</b>,833,2,L23</li> <li>7. Obliquity Dependence Of The Tangential Yorp.Astronomy &amp; Astrophysics, <b>2016</b>,592,A115</li> <li>8. A Three-Dimensional Model Of Tangential Yorp,Astrophysical Journal, <b>2014</b>,794,1,22</li> <li>9. "The Asymmetric Drift, The Local Standard Of Rest, And Implications From Rave Data".Astronomy &amp; Astrophysics, <b>2013</b>,557,A92</li> <li>10. Tangential Component Of The Yorp Effect,Astrophysical Journal Letters, <b>2012</b>,752,1,L11</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Коппе Валерій Тимофійович	5	<ol style="list-style-type: none"> <li>1. Sims study of the surface of TiFe hydride forming alloy, <b>2017</b>, Ukrainian Journal of Physics,62,3,195</li> <li>2. Effect of annealing on the secondary particles emission from the zirconium alloy surface, <b>2017</b>, Problems of Atomic Science and Technology,110,4,39</li> <li>3. The study of surface of alloys for hydrogen storage by SIMS, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333250,</li> <li>4. SIMS investigation of the processes of gas release from zirconium-based getter alloy, <b>2014</b>, Bulletin of the Russian Academy of Sciences: Physics,78,6,526</li> <li>5. SIMS investigations of hydrogen interaction with a zirconium getter alloy surface, <b>2012</b>, Bulletin of the Russian Academy of Sciences: Physics,76,5,553</li> </ol>	4	<ol style="list-style-type: none"> <li>1. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, <b>2017</b>,4,39,</li> <li>2. Sims Study Of The Surface Of Tife Hydride Forming Alloy,Ukrainian Journal Of Physics, <b>2017</b>,62,3,195,</li> <li>3. The Study Of Surface Of Alloys For Hydrogen Storage By Sims,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</li> <li>4. About Using Of Secondary Ion Mass Spectrometry Method For Research Of Bioorganic Objects,East European Journal Of Physics, <b>2015</b>,2,4,58,</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Юнаков Микола Миколайович	9	<ol style="list-style-type: none"> <li>1. The exciton absorption spectrum of thin films of ternary compounds in the AgBr-PbBr<sub>2</sub> system, <b>2018</b>, Low Temperature Physics,44,8,856</li> <li>2. The exciton absorption spectrum of thin films of ternary compounds in the AgBr-PbBr<sub>2</sub> system, <b>2018</b>, Fizika Nizkikh Temperatur,44,8,1095</li> <li>3. Effect of iodine impurity on the absorption spectrum and phase ransitions in CsPbCl<sub>3</sub> thin films, <b>2018</b>, Functional Materials,25,2,218</li> <li>4. Absorption spectrum of thin films of K<sub>2</sub>Pb<sub>2</sub>(Cl<sub>1-x</sub>Br<sub>x</sub>)<sub>5</sub> solid solutions, <b>2017</b>, Low Temperature Physics,43,10,1222</li> </ol>	6	<ol style="list-style-type: none"> <li>1. The Exciton Absorption Spectrum Of Thin Films Of Ternary Compounds In The Agbr-Pbbr2 System,Low Temperature Physics, <b>2018</b>,44,8,856</li> <li>2. Effect Of Iodine Impurity On The Absorption Spectrum And Phase Transitions In Cspbcl3 Thin Films.,Functional Materials, <b>2018</b>,25,2,218</li> <li>3. Absorption Spectrum Of Thin Films Of Kpb2(Cl1-Xbrx)(5) Solid Solutions,Low Temperature Physics, <b>2017</b>,43,10,1222</li> <li>4. Exciton Absorption Spectra Of Kpb2br5 Thin Films,Functional Materials, <b>2016</b>,23,4,570</li> </ol>

				<ol style="list-style-type: none"> <li>Absorption spectrum of thin films of <math>KPb_2(Cl_{1-x}Br_x)_5</math> solid solutions, <b>2017</b>, Fizika Nizkikh Temperatur,43,10,1532</li> <li>The exciton absorption spectrum of thin <math>CuPb_3Br_7</math> superionic conductor films, <b>2016</b>, Low Temperature Physics,42,9,768</li> <li>The exciton absorption spectrum of thin films of superionic conductor <math>CuPb_3Br_7</math>, <b>2016</b>, Fizika Nizkikh Temperatur,42,9,981</li> <li>Exciton absorption spectra of <math>KPb_2Br_5</math> thin films, <b>2016</b>, Functional Materials,23,4,570</li> <li>Self-compensation of the focused ion beam space charge, <b>2013</b>, Problems of Atomic Science and Technology,1,204</li> </ol>		<ol style="list-style-type: none"> <li>The Exciton Absorption Spectrum Of Thin <math>CuPb_3Br_7</math> Superionic Conductor Films,Low Temperature Physics, <b>2016</b>,42,9,768</li> <li>Self-Compensation Of The Focused Ion Beam Space Charge,Problems Of Atomic Science And Technology, <b>2013</b>,1,204</li> </ol>
Фізико-технічний	Кафедра ядерної та медичної фізики	Малихіна Тетяна Василівна	7	<ol style="list-style-type: none"> <li>Computer simulation and experimental investigation of Mo-99 yield in thick targets as a Tc-99m generator, <b>2017</b>, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",406,334</li> <li>Computer simulation and experimental results of <math>^7Be</math> photoproduction on <math>^{12}C</math> and <math>^{14}N</math> nuclei, <b>2016</b>, Springer Proceedings in Physics,182,211</li> <li>"Experimental results on cross sections for <math>^7Be</math> photoproduction on <math>^{12}C</math>, <math>^{14}N</math>, and <math>^{16}O</math> nuclei in the energy range of 40–90 MeV", <b>2014</b>, Physics of Atomic Nuclei,77,7,805</li> <li>"Experimental cross-section evaluation data for <math>^7be</math> photoproduction by <math>^{12}C</math>, <math>^{14}N</math>, <math>^{16}O</math> nuclei in the energy range between 40...90 MeV", <b>2013</b>, Problems of Atomic Science and Technology,88,6,192</li> <li>"An increase of <math>^{99}Mo</math> yield under mixed <math>\gamma</math>, n-irradiation of target from natural molybdenum", <b>2012</b>, Problems of Atomic Science and Technology,4,151</li> <li>Photonuclear production of cosmogenic beryllium-7 in the terrestrial atmosphere, <b>2012</b>, Physical Review C - Nuclear Physics,86,2,24609,</li> <li>Photonuclear channel of <math>^7Be</math> production in the Earth's atmosphere, <b>2012</b>, Physics of Atomic Nuclei,75,4,393</li> </ol>	7	<ol style="list-style-type: none"> <li>Computer Simulation And Experimental Investigation Of Mo-99 Yield In Thick Targets As A Tc-99m Generator,Nuclear Instruments &amp; Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, <b>2017</b>,406,334,</li> <li>Computer Simulation And Experimental Results Of Be-7 Photoproduction On C-12 And N-14 Nuclei,"Basic Concepts In Nuclear Physics: Theory, Experiments And Applications", <b>2016</b>,182,211,</li> <li>"Experimental Results On Cross Sections For Be-7 Photoproduction On C-12, N-14, And O-16 Nuclei In The Energy Range Of 40-90 Mev",Physics Of Atomic Nuclei, <b>2014</b>,77,7,805,</li> <li>"Experimental Cross-Section Evaluation Data For Be-7 Photoproduction By C-12, N-14, O-16 Nuclei In The Energy Range Between 40 ... 90 Mev",Problems Of Atomic Science And Technology, <b>2013</b>,6,192,</li> <li>Photonuclear Production Of Cosmogenic Beryllium-7 In The Terrestrial Atmosphere,Physical Review C, <b>2012</b>,86,2,24609</li> <li>Photonuclear Channel Of Be-7 Production In The Earth's Atmosphere,Physics Of Atomic Nuclei, <b>2012</b>,75,4,393,</li> <li>"An Increase Of Mo-99 Yield Under Mixed Gamma, N-Irradiation Of Target From Natural Molybdenum",Problems Of Atomic Science And Technology, <b>2012</b>,4,151,</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Гречко Ярослав Олегович	16	<ol style="list-style-type: none"> <li>Self-Sustained Plasma-Beam Discharge at High Energy Density, <b>2018</b>, IEEE Transactions on Plasma Science,46,10,8356202,3541</li> <li>The efficiency of the pulsed power input in the limited plasma diode, <b>2018</b>, IEEE International Pulsed Power Conference,2017-June,8291229,</li> <li>Hydrogen injector based on penning discharge with metal hydride cathode, <b>2018</b>, Problems of Atomic Science and Technology,118,6,222</li> <li>Electromagnetic filter for h- separation from pig with metal hydride cathode, <b>2018</b>, Problems of Atomic Science and Technology,116,4,282</li> <li>Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, <b>2018</b>, Problems of Atomic Science and Technology,118,6,198</li> <li>Electrodes dimensions effect on the self-sustained plasma-beam discharge power, <b>2018</b>, Problems of Atomic Science and Technology,116,4,156</li> <li>Effect of metal-hydride hydrogen activation on longitudinal yield of negative ions from PIG, <b>2017</b>, International Journal of Hydrogen Energy,42,34,21866</li> <li>Longitudinal extraction of H- Ions from penning discharge with metal-hydride cathode, <b>2017</b>, Problems of Atomic Science and</li> </ol>	16	<ol style="list-style-type: none"> <li>Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, <b>2018</b>,4,156</li> <li>Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieee Transactions On Plasma Science, <b>2018</b>,46,10,3541</li> <li>Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, <b>2018</b>,6,198</li> <li>Hydrogen Injector Based On Penning Discharge With Metal Hydride Cathode,Problems Of Atomic Science And Technology, <b>2018</b>,6,222</li> <li>Electromagnetic Filter For H-Separation From Pig With Metal Hydride Cathode,Problems Of Atomic Science And Technology, <b>2018</b>,4,282</li> <li>Effect Of Metal-Hydride Hydrogen Activation On Longitudinal Yield Of Negative Ions From Pig,International Journal Of Hydrogen Energy, <b>2017</b>,42,34,21866</li> <li>Longitudinal Extraction Of H- Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2017</b>,1,183</li> </ol>

				<p>Technology,107,1,183</p> <p>9. The capacitive component of double layer current in plasma, <b>2017</b>, Problems of Atomic Science and Technology,107,1,219</p> <p>10. Separation of negative hydrogen ions from penning discharge with metal-hydride cathode, <b>2016</b>, Problems of Atomic Science and Technology,106,6,241</p> <p>11. Features of active power definition in high-current pulsed discharge, <b>2016</b>, Problems of Atomic Science and Technology,106,6,48</p> <p>12. Anisotropy of radiation from dense plasma of multiply ionized atoms, <b>2015</b>, Problems of Atomic Science and Technology,98,4,32</p> <p>13. Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply, <b>2015</b>, Problems of Atomic Science and Technology,98,4,342</p> <p>14. Dynamics of euv-radiation from the partially contracted plasma diode, <b>2015</b>, Problems of Atomic Science and Technology,95,1,190</p> <p>15. Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation, <b>2015</b>, Problems of Atomic Science and Technology,95,1,174</p> <p>16. Features of electron beam evaporation under surface electron beam formation, <b>2014</b>, Problems of Atomic Science and Technology,94,6,149</p>		<p>8. The Efficiency Of The Pulsed Power Input In The Limited Plasma Diode,2017 Ieee 21st International Conference On Pulsed Power (Ppc), <b>2017</b>,</p> <p>9. The Capacitive Component Of Double Layer Current In Plasma,Problems Of Atomic Science And Technology, <b>2017</b>,1,219</p> <p>10. Features Of Active Power Definition In High-Current Pulsed Discharge,Problems Of Atomic Science And Technology, <b>2016</b>,6,48</p> <p>11. Separation Of Negative Hydrogen Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2016</b>,6,241</p> <p>12. Optimization Of The Collecting Mirror Location In The Plasma Source Of Extreme Ultraviolet Radiation,Problems Of Atomic Science And Technology, <b>2015</b>,1,174</p> <p>13. Plasma Parameters In Pig With Metal-Hydride Cathode Under Different Ways Of Hydrogen Supply,Problems Of Atomic Science And Technology, <b>2015</b>,4,342</p> <p>14. Anisotropy Of Radiation From Dense Plasma Of Multiply Ionized Atoms,Problems Of Atomic Science And Technology, <b>2015</b>,4,32</p> <p>15. Dynamics Of Euv-Radiation From The Partially Contracted Plasma Diode,Problems Of Atomic Science And Technology, <b>2015</b>,1,190</p> <p>16. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation,Problems Of Atomic Science And Technology, <b>2014</b>,6,149</p>
Фізико-технічний	Кафедра теоретичної фізики та вищої математики імені О.І. Ахієзера	Ходусов Валерій Дмитрович	8	<p>1. Stochastic equation of the technological process, <b>2018</b>, "2018 IEEE 1st International Conference on System Analysis and Intelligent Computing, SAIC 2018 - Proceedings",8516833,</p> <p>2. Model of a composite magistral conveyor line, <b>2018</b>, "2018 IEEE 1st International Conference on System Analysis and Intelligent Computing, SAIC 2018 - Proceedings",8516739,</p> <p>3. Optimal Control Problem for a Conveyor-Type Production Line, <b>2018</b>, Cybernetics and Systems Analysis,54,5,744</p> <p>4. Calculation of the parameters of the composite conveyor line with a constant speed of movement of subjects of labour, <b>2018</b>, Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu,4,138</p> <p>5. Model of conveyer with the regulable speed, <b>2017</b>, "Bulletin of the South Ural State University, Series: Mathematical Modelling, Programming and Computer Software",10,4,64</p> <p>6. On the effect of superfluid flows on the interaction of microwaves with He II, <b>2012</b>, Condensed Matter Physics,15,4,43601,</p> <p>7. The absorption of the variable electric field in superfluid helium by the akhiezer mechanism, <b>2012</b>, Problems of Atomic Science and Technology,1,296</p> <p>8. Second sound waves in diamond, <b>2012</b>, Diamond and Related Materials,21,92</p>	8	<p>1. Optimal Control Problem For A Conveyor-Type Production Line,Cybernetics And Systems Analysis, <b>2018</b>,54,5,744,</p> <p>2. Stochastic Equation Of The Technological Process,2018 Ieee First International Conference On System Analysis &amp; Intelligent Computing (Saic), <b>2018</b>,64,</p> <p>3. Model Of A Composite Magistral Conveyor Line,2018 Ieee First International Conference On System Analysis &amp; Intelligent Computing (Saic), <b>2018</b>,68,</p> <p>4. Model Of Conveyer With The Regulable Speed,Bulletin Of The South Ural State University Series-Mathematical Modelling Programming &amp; Computer Software, <b>2017</b>,10,4,64,</p> <p>5. About Conditions Of Existence Of Second Sound Waves In Isotopically Enriched Crystals (Lif)-Li-7,East European Journal Of Physics, <b>2015</b>,2,2,59,</p> <p>6. Second Sound Waves In Diamond,Diamond And Related Materials, <b>2012</b>,21,92,</p> <p>7. On The Effect Of Superfluid Flows On The Interaction Of Microwaves With He Ii,Condensed Matter Physics, <b>2012</b>,15,4,Unsp 43601</p> <p>8. The Absorption Of The Variable Electric Field In Superfluid Helium By The Akhiezer Mechanism,Problems Of Atomic Science And Technology, <b>2012</b>,1,296,</p>
Фізико-технічний	Кафедра теоретичної фізики та вищої	Гах Андрій Геннадійович	2	<p>1. Polarization observables in lepton-deuteron elastic scattering including the lepton mass, <b>2014</b>, Physical Review C - Nuclear Physics,90,6,64901</p> <p>2. General analysis and numerical estimations of polarization observables in the <math>\bar{p}+p \rightarrow \pi^0+e^{++}e^-</math> reaction in an exclusive experimental setup, <b>2012</b>, Physical Review C - Nuclear Physics,86,2,25204</p>	4	<p>1. Effects Of Scalar Boson In Elastic Proton-Electron Scattering,East European Journal Of Physics, <b>2018</b>,5,2,16,</p> <p>2. Polarization Phenomena In Process E(+),East European Journal Of Physics, <b>2018</b>,5,1,4,</p> <p>3. Polarization Observables In Lepton-Deuteron Elastic Scattering Including</p>

	математики імені О.І. Ахієзера					4. The Lepton Mass,Physical Review C, <b>2014</b> ,90,6,64901 4. General Analysis And Numerical Estimations Of Polarization Observables In The (P)Over-Bar + P -> Pi(0) + E(+) + E(-) Reaction In An Exclusive Experimental Setup,Physical Review C, <b>2012</b> ,86,2,25204
Фізико- техніч- ний	Кафедра прикладної фізики та фізики плазми	Галайдич Віктор Кімович	5	1. Modelling of the electromagnetic surface waves propagation on the interface between the left-handed metamaterial and the dissipative dielectric, <b>2018</b> , Problems of Atomic Science and Technology,118,6,109 2. Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain, <b>2017</b> , Problems of Atomic Science and Technology,107,1,96 3. Slow and fast surface electromagnetic waves in planar structures contained left-handed material, <b>2015</b> , Problems of Atomic Science and Technology,98,4,306 4. Surface electromagnetic waves in left-handed material slab embedded in plasmalike media, <b>2014</b> , Problems of Atomic Science and Technology,94,6,112 5. Phase and group velocities of electromagnetic eigen waves of left-hand material slab, <b>2012</b> , Problems of Atomic Science and Technology,6,87	7	1. Modelling Of The Electromagnetic Surface Waves Propagation On The Interface Between The Left-Handed Metamaterial And The Dissipative Dielectric,Problems Of Atomic Science And Technology, <b>2018</b> ,6,109, 2. Surface Electromagnetic Waves In A Gap Between Two Left-Handed Materials,East European Journal Of Physics, <b>2018</b> ,5,2,68, 3. Surface Electromagnetic Waves On Boundary Between Lossy Dielectric And Left-Handed Material With Gain,Problems Of Atomic Science And Technology, <b>2017</b> ,1,96, 4. Radiation Of A Wakefield Excited By An Electron Bunch Train In A Section Of Dielectric Waveguide,"Advanced Accelerator Concepts, (Aac 2014)", <b>2016</b> ,1777,Unsp 070010 5. Slow And Fast Surface Electromagnetic Waves In Planar Structures Contained Left-Handed Material,Problems Of Atomic Science And Technology, <b>2015</b> ,4,306, 6. Surface Electromagnetic Waves In Left-Handed Material Slab Embedded In Plasmalike Media,Problems Of Atomic Science And Technology, <b>2014</b> ,6,112, 7. Phase And Group Velocities Of Electromagnetic Eigen Waves Of Left-Hand Material Slab,Problems Of Atomic Science And Technology, <b>2012</b> ,6,87,
Фізико- техніч- ний	Кафедра матеріалів реакторобу дування та фізичних технологій	Чишкала Володимир Олексійович	7	1. Investigation of structure and properties of composite material Al <sub>2</sub> O <sub>3</sub> -SiC obtained by electroconsolidation process, <b>2018</b> , Functional Materials,25,1,43 2. Structure and properties of solid BK6-OM alloy after electrosintering, <b>2018</b> , Functional Materials,25,2,267 3. Ukrainian amber luminescence induced by X-rays and ultraviolet radiation, <b>2017</b> , Journal of Luminescence,188,319 4. Peculiarities of obtaining diamond-(Fe-Cu-Ni-Sn) composite materials by hot pressing, <b>2017</b> , Functional Materials,24,1,31 5. Photo- and radioluminescence of poleskiy amber, <b>2016</b> , Functional Materials,23,4,582 6. Synthesis and consolidation of (Zr <sub>0.94</sub> Y <sub>0.06</sub> )O <sub>1.88</sub> nanopowders, <b>2015</b> , Ceramics International,41,4,5263 7. The obtaining of high-density specimens and analysis of mechanical strength characteristics of a composite based on ZrO <sub>2</sub> -WC nanopowders, <b>2014</b> , Nanoscale Research Letters,9,1,1	7	1. Structure And Properties Of Solid Bk6-Om Alloy After Electrosintering,Functional Materials, <b>2018</b> ,25,2,267,273, 2. Investigation Of Structure And Properties Of Composite Material Al <sub>2</sub> O <sub>3</sub> -SiC Obtained By Electroconsolidation Process,Functional Materials, <b>2018</b> ,25,1,43,47, 3. Peculiarities Of Obtaining Diamond-(Fe-Cu-Ni-Sn) Composite Materials By Hot Pressing,Functional Materials, <b>2017</b> ,24,1,31,45, 4. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation,Journal Of Luminescence, <b>2017</b> ,188,319,322, 5. Photo- And Radioluminescence Of Poleskiy,Functional Materials, <b>2016</b> ,23,4,582,586, 6. Synthesis And Consolidation Of (Zr <sub>0.94</sub> y <sub>0.06</sub> )O-1.88 Nanopowders,Ceramics International, <b>2015</b> ,41,4,5263,5269, 7. The Obtaining Of High-Density Specimens And Analysis Of Mechanical Strength Characteristics Of A Composite Based On ZrO <sub>2</sub> -Wc Nanopowders,Nanoscale Research Letters, <b>2014</b> ,9,355
Фізико- техніч- ний	Кафедра матеріалів реакторобу дування та фізичних технологій	Ковтуненко Юрій Іванович	3	1. Implantation of deuterium and helium ions into composite structure with tantalum coating, <b>2018</b> , Problems of Atomic Science and Technology,118,6,63 2. Sequential implantations of deuterium and helium ions into tungsten-coated composite structures, <b>2016</b> , Problems of Atomic Science and Technology,106,6,73 3. Deuterium-ion implantation into composite structures with tungsten coatings, <b>2014</b> , Journal of Surface Investigation,8,5,853	6	1. Implantation Of Deuterium And Helium Ions Into Composite Structure With Tantalum Coating,Problems Of Atomic Science And Technology, <b>2018</b> ,6,63 2. Sequential Implantations Of Deuterium And Helium Ions Into Tungsten-Coated Composite Structures,Problems Of Atomic Science And Technology, <b>2016</b> ,6,73 3. Hydrogen Isotope Retention And Lattice Damage In The Constructive Materials Irradiated With H+/D+ Ions,East European Journal Of Physics,



						<p><b>2016,3,3,47</b></p> <p>4. "Synthesis Of 1r-1h-Imidazo[1,2-A]Pyridin-4-Ium-8-Olate Derivatives",Journal Of Heterocyclic Chemistry, <b>2015,52,2,539</b></p> <p>5. "Preparation Of Isoindolo[2,1-A]Quinoxalines Based On N-(2-Aminophenyl)Isoindole Derivatives",Chemistry Of Heterocyclic Compounds, <b>2012,48,7,1033</b></p> <p>6. "Synthesis Of Novel Pyrido[1,2-B][2,4]Benzodiazepine Derivatives",Journal Of Chemical Research, <b>2012,5,312</b></p>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Мисюра Ілля Миколайович	8	<ol style="list-style-type: none"> <li>1. <math>\alpha</math>-Particle induced forward-backward electron emission from titanium nitride, <b>2018</b>, Problems of Atomic Science and Technology,116,4,293</li> <li>2. Application of radioluminescence technique for zirconia powder and nanoceramics, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351,</li> <li>3. Influence of He+ long-time irradiation on silica luminescence spectrum, <b>2017</b>, "Nuclear Instruments and Methods In Physics Research, Section B: Beam Interactions with Materials and Atoms",407,5</li> <li>4. Ukrainian amber luminescence induced by X-rays and ultraviolet radiation, <b>2017</b>, Journal of Luminescence,188,319</li> <li>5. Photo- and radioluminescence of poleskiy amber, <b>2016</b>, Functional Materials,23,4,582</li> <li>6. Changes in the composition and optical properties of Cu and Cu2O nanofilms deposited on SiO2substrates after annealing and bombardment by argon and hydrogen ions, <b>2014</b>, Journal of Surface Investigation,8,6,1339</li> <li>7. Features of electron beam evaporation under surface electron beam formation, <b>2014</b>, Problems of Atomic Science and Technology,94,6,149</li> <li>8. Determination of chemical composition of implanted nanolayers by analysis of their optical properties, <b>2012</b>, Functional Materials,19,2,251</li> </ol>	6	<ol style="list-style-type: none"> <li>1. A-Particle Induced Forward-Backward Electron Emission From Titanium Nitride, <b>2018</b>, Problems Of Atomic Science And Technology,116,4,293</li> <li>2. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum, <b>2017</b>, "Nuclear Instruments And Methods In Physics Research, Section B: Beam Interactions With Materials And Atoms",407,5</li> <li>3. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation, <b>2017</b>, Journal Of Luminescence,188,319</li> <li>4. Photo- And Radioluminescence Of Poleskiy Amber, <b>2016</b>, Functional Materials,23,4,582</li> <li>5. Changes In The Composition And Optical Properties Of Cu And Cu2o Nanofilms Deposited On SiO2substrates After Annealing And Bombardment By Argon And Hydrogen Ions, <b>2014</b>, Journal Of Surface Investigation,8,6,1339</li> <li>6. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation, <b>2014</b>, Problems Of Atomic Science And Technology,94,6,149</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Сребнюк Павло Анатолійович	9	<ol style="list-style-type: none"> <li>1. Structure and Mechanical Properties of TiAlSiY Vacuum-Arc Coatings Deposited in Nitrogen Atmosphere, <b>2018</b>, Inorganic Materials: Applied Research,9,3,410</li> <li>2. "Effect of deposition process parameters and high-temperature annealing on the structure and properties of (Ti, Si)N/MoN vacuum arc coatings", <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 01FNC21,</li> <li>3. Influence of the high-temperature annealing on the structure and mechanical properties of vacuum-arc coatings from Mo/(Ti + 6 wt % Si)N, <b>2017</b>, Journal of Superhard Materials,39,3,172</li> <li>4. Effect of bias voltage and nitrogen pressure on the structure and properties of vacuum-arc (Mo + Ti6%Si)N coatings, <b>2017</b>, Technical Physics,62,5,795</li> <li>5. Structure and properties of vacuum arc single-layer and multiperiod two-layer nitride coatings based on Ti(Al): Si layers, <b>2017</b>, Journal of Nano- and Electronic Physics,9,1,1033,</li> <li>6. "Single layer and multilayer vacuum-arc coatings based on the nitride tialsyn: Composition, structure, properties", <b>2017</b>, Problems of Atomic Science and Technology,110,4,88</li> <li>7. "Study of influence physical and technological parameters of deposition on</li> </ol>	2	<ol style="list-style-type: none"> <li>1. Influence Of The High-Temperature Annealing On The Structure And Mechanical Properties Of Vacuum-Arc Coatings From Mo/(Ti+6 Wt % Si)N,Journal Of Superhard Materials, <b>2017,39,3,172</b></li> <li>2. Effect Of Bias Voltage And Nitrogen Pressure On The Structure And Properties Of Vacuum-Arc (Mo+Ti6%Si)N Coatings,Technical Physics, <b>2017,62,5,795</b></li> </ol>

				<p>the structure, physical and mechanical properties of vacuum arc coatings (Mo + Ti6%Si)N", <b>2016</b>, "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757226,</p> <p>8. "Effect of pressure of nitrogen atmosphere during the vacuum arc deposition of multiperiod coatings (Ti, Si)N/MoN on their structure and properties", <b>2016</b>, Journal of Nano- and Electronic Physics,8,4,4023,</p> <p>9. Numerical simulation and experimental investigation of bipolar single-grid energy analyzers, <b>2013</b>, Problems of Atomic Science and Technology,1,264</p>		
Фізико-технічний	Кафедра ядерної та медичної фізики	Вус Катерина Олександрівна	7	<p>1. Fluorescence study of the effect of the oxidized phospholipids on amyloid fibril formation by the apolipoprotein A-I N-terminal fragment, <b>2017</b>, Chemical Physics Letters,688,1</p> <p>2. Aggregation behavior of novel heptamethine cyanine dyes upon their binding to native and fibrillar lysozyme, <b>2017</b>, Molecular BioSystems,13,5,970</p> <p>3. Fluorescence monitoring of the effect of oxidized lipids on the process of protein fibrillization, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34008,</p> <p>4. Novel benzanthrone probes for membrane and protein studies, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34007,</p> <p>5. Thioflavin T derivatives for the characterization of insulin and lysozyme amyloid fibrils in vitro: Fluorescence and quantum-chemical studies, <b>2015</b>, Journal of Luminescence,159,284</p> <p>6. Fluorescence investigation of interactions between novel benzanthrone dyes and lysozyme amyloid fibrils, <b>2014</b>, Journal of Fluorescence,24,2,493</p> <p>7. Novel aminobenzanthrone dyes for amyloid fibril detection, <b>2012</b>, Chemical Physics Letters,532,110</p>	13	<p>1. Novel Cyanine Dyes As Potential Amyloid Probes: A Fluorescence Study,East European Journal Of Physics, <b>2018</b>,5,1,41,</p> <p>2. Aggregation Behavior Of Novel Heptamethine Cyanine Dyes Upon Their Binding To Native And Fibrillar Lysozyme,Molecular Biosystems, <b>2017</b>,13,5,970,</p> <p>3. Fluorescence Study Of The Effect Of The Oxidized Phospholipids On Amyloid Fibril Formation By The Apolipoprotein A-I N-Terminal Fragment,Chemical Physics Letters, <b>2017</b>,688,1,</p> <p>4. Spectral Behavior Of Indicator Dyes In The Model Protein - Lipid Systems,East European Journal Of Physics, <b>2017</b>,4,4,18,</p> <p>5. Thioflavin T Binding To The Model Fibrils Of Lysozyme: The Effects Of Fibril Twisting,East European Journal Of Physics, <b>2017</b>,4,4,30,</p> <p>6. Effect Of Amyloid Fibrils On Electrokinetic Properties Of Lipid Vesicles,East European Journal Of Physics, <b>2017</b>,4,2,19,</p> <p>7. Molecular Dynamics Study Of Cytochrome C - Lipid Complexes,East European Journal Of Physics, <b>2017</b>,4,3,54,</p> <p>8. Auramine O As Potential Amyloid Marker: Fluorescence And Molecular Docking Studies,East European Journal Of Physics, <b>2017</b>,4,3,63,</p> <p>9. Novel Benzanthrone Probes For Membrane And,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34007</p> <p>10. Fluorescence Monitoring Of The Effect Of Oxidized Lipids On The Process Of Protein Fibrillization,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34008</p> <p>11. Thioflavin T Derivatives For The Characterization Of Insulin And Lysozyme Amyloid Fibrils In Vitro: Fluorescence And Quantum-Chemical Studies,Journal Of Luminescence, <b>2015</b>,159,284,</p> <p>12. In Vitro Characterization Of Amyloid Fibrils With Novel Aminobenzanthrone Dyes,European Biophysics Journal With Biophysics Letters, <b>2013</b>,42,S72,</p> <p>13. Novel Aminobenzanthrone Dyes For Amyloid Fibril Detection,Chemical Physics Letters, <b>2012</b>,532,110</p>
Фізико-технічний	Кафедра ядерної та медичної фізики	Рижова Ольга Анатоліївна	9	<p>1. Aggregation behavior of novel heptamethine cyanine dyes upon their binding to native and fibrillar lysozyme, <b>2017</b>, Molecular BioSystems,13,5,970</p> <p>2. Novel benzanthrone probes for membrane and protein studies, <b>2016</b>, Methods and Applications in Fluorescence,4,3,34007,</p> <p>3. Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic characterization in presence of biological molecules, <b>2016</b>, Journal of Photochemistry and Photobiology A: Chemistry,328,87</p>	9	<p>1. Novel Cyanine Dyes As Potential Amyloid Probes: A Fluorescence Study,East European Journal Of Physics, <b>2018</b>,5,1,41,</p> <p>2. Aggregation Behavior Of Novel Heptamethine Cyanine Dyes Upon Their Binding To Native And Fibrillar Lysozyme,Molecular Biosystems, <b>2017</b>,13,5,970,</p> <p>3. Spectral Behavior Of Indicator Dyes In The Model Protein - Lipid Systems,East European Journal Of Physics, <b>2017</b>,4,4,18,</p> <p>4. Molecular Dynamics Study Of Cytochrome C - Lipid Complexes,East</p>

				<ol style="list-style-type: none"> <li>4. Novel asymmetric monomethine cyanine dyes derived from sulfobetaine benzothiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA, <b>2016</b>, Dyes and Pigments,130,122</li> <li>5. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects, <b>2016</b>, Journal of Fluorescence,26,1,177</li> <li>6. Aggregation of cyanine dyes in lipid environment, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333131,</li> <li>7. Newly synthesized benzanthrone derivatives as prospective fluorescent membrane probes, <b>2014</b>, Journal of Luminescence,146,307</li> <li>8. Location of novel benzanthrone dyes in model membranes as revealed by resonance energy transfer, <b>2014</b>, Journal of Fluorescence,24,3,899</li> <li>9. Novel benzanthrone aminoderivatives for membrane studies, <b>2012</b>, Journal of Fluorescence,22,3,953</li> </ol>		<ol style="list-style-type: none"> <li>5. Novel Asymmetric Monomethine Cyanine Dyes Derived From Sulfobetaine Benzothiazolium Moiety As Potential Fluorescent Dyes For Non-Covalent Labeling Of Dna,Dyes And Pigments, <b>2016</b>,130,122,</li> <li>6. Novel Synthetic Approach To Near-Infrared Heptamethine Cyanine Dyes And Spectroscopic Characterization In Presence Of Biological Molecules,Journal Of Photochemistry And Photobiology A-Chemistry, <b>2016</b>,328,87,</li> <li>7. Novel Benzanthrone Probes For Membrane And,Methods And Applications In Fluorescence, <b>2016</b>,4,3,34007</li> <li>8. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach And Studies On Photophysical Properties Upon Interaction With Bio-Objects,Journal Of Fluorescence, <b>2016</b>,26,1,177,</li> <li>9. Aggregation Of Cyanine Dyes In Lipid Environment,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</li> </ol>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Чунадра Анатолій Григорович	5	<ol style="list-style-type: none"> <li>1. Features of surface modification of copper-based alloys under powerful plasma exposures, <b>2018</b>, Problems of Atomic Science and Technology,118,6,143</li> <li>2. Alloying and modification of stainless steels by powerful plasma streams, <b>2016</b>, Problems of Atomic Science and Technology,106,6,129</li> <li>3. Increasing of mass transfer efficiency at magnetron deposition of metal coating, <b>2015</b>, Problems of Atomic Science and Technology,95,1,181</li> <li>4. Pulsed magnetron sputtering system power supply without limitation and forced interruption of the discharge current, <b>2013</b>, Problems of Atomic Science and Technology,1,225</li> <li>5. High-current pulsed operation modes of the planar mss with magnetically insulated anode without transition to the arc discharge, <b>2012</b>, Problems of Atomic Science and Technology,6,190</li> </ol>	7	<ol style="list-style-type: none"> <li>1. Features Of Surface Modification Of Copper-Based Alloys Under Powerful Plasma Exposures,Problems Of Atomic Science And Technology, <b>2018</b>,6,143</li> <li>2. Probe Measurements Of Parameters Of Dense Gas-Metallic Plasma In The Inhomogeneous Magnetic Field Of A Planar Magnetron Discharge,Problems Of Atomic Science And Technology, <b>2018</b>,6,252</li> <li>3. Features Of Coatings Deposition In Combined Stationary-Pulsed Operation Mode Of The Magnetron Sputtering System,Problems Of Atomic Science And Technology, <b>2017</b>,1,227</li> <li>4. Alloying And Modification Of Stainless Steels By Powerful Plasma Streams,Problems Of Atomic Science And Technology, <b>2016</b>,6,129</li> <li>5. Increasing Of Mass Transfer Efficiency At Magnetron Deposition Of Metal Coating,Problems Of Atomic Science And Technology, <b>2015</b>,1,181</li> <li>6. Pulsed Magnetron Sputtering System Power Supply Without Limitation And Forced Interruption Of The Discharge Current,Problems Of Atomic Science And Technology, <b>2013</b>,1,225</li> <li>7. High-Current Pulsed Operation Modes Of The Planar Mss With Magnetically Insulated Anode Without Transition To The Arc Discharge,Problems Of Atomic Science And Technology, <b>2012</b>,6,190</li> </ol>
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Бурмака Геннадій Павлович	7	<ol style="list-style-type: none"> <li>1. Electron energy probability function and dust charge in the temporal afterglow of a plasma with large dust density, <b>2018</b>, Problems of Atomic Science and Technology,118,6,202</li> <li>2. Effect of dust particles on electron energydistribution in glow and afterglow plasmas, <b>2016</b>, Problems of Atomic Science and Technology,106,6,179</li> <li>3. Effect of secondary emission on the argon plasma afterglow with large dust density, <b>2015</b>, Physics of Plasmas,22,2,23702,</li> <li>4. Growth of forest of single-walled carbon nanotubes at inhomogenous fluxes from plasma, <b>2015</b>, Problems of Atomic Science and Technology,95,1,184</li> <li>5. Effect of secondary emission on the afterglow of argon with negatively charged dust particles, <b>2014</b>, Problems of Atomic Science and Technology,94,6,157</li> </ol>	7	<ol style="list-style-type: none"> <li>1. Electron Energy Probability Function And Dust Charge In The Temporal Afterglow Of A Plasma With Large Dust Density, <b>2018</b>, Problems Of Atomic Science And Technology,118,6,202</li> <li>2. Effect Of Dust Particles On Electron Energydistribution In Glow And Afterglow Plasmas, <b>2016</b>, Problems Of Atomic Science And Technology,106,6,179</li> <li>3. Effect Of Secondary Emission On The Argon Plasma Afterglow With Large Dust Density, <b>2015</b>, Physics Of Plasmas,22,2,23702,</li> <li>4. Growth Of Forest Of Single-Walled Carbon Nanotubes At Inhomogenous Fluxes From Plasma, <b>2015</b>, Problems Of Atomic Science And Technology,95,1,184</li> <li>5. Effect Of Secondary Emission On The Afterglow Of Argon With Negatively Charged Dust Particles, <b>2014</b>, Problems Of Atomic Science</li> </ol>

				<ol style="list-style-type: none"> <li>6. "Long, vertically aligned single-walled carbon nanotubes from plasmas: Morpho-kinetic and alignment controls", <b>2014</b>, Plasma Processes and Polymers,11,8,798</li> <li>7. Formation of forest of single-walled carbon nanotubes in plasma-enhanced chemical vapor deposition, <b>2012</b>, Problems of Atomic Science and Technology,6,223</li> </ol>		<ol style="list-style-type: none"> <li>6. "Long, Vertically Aligned Single-Walled Carbon Nanotubes From Plasmas: Morpho-Kinetic And Alignment Controls", <b>2014</b>, Plasma Processes And Polymers,11,8,798</li> <li>7. Formation Of Forest Of Single-Walled Carbon Nanotubes In Plasma-Enhanced Chemical Vapor Deposition, <b>2012</b>, Problems Of Atomic Science And Technology,6,223</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Бабенко Євгенія Віталіївна	7	<ol style="list-style-type: none"> <li>1. Self-Sustained Plasma-Beam Discharge at High Energy Density, <b>2018</b>, IEEE Transactions on Plasma Science,46,10,8356202,3541</li> <li>2. The efficiency of the pulsed power input in the limited plasma diode, <b>2018</b>, IEEE International Pulsed Power Conference,2017-June,8291229,</li> <li>3. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, <b>2018</b>, Problems of Atomic Science and Technology,118,6,198</li> <li>4. Electrodes dimensions effect on the self-sustained plasma-beam discharge power, <b>2018</b>, Problems of Atomic Science and Technology,116,4,156</li> <li>5. Longitudinal extraction of H<sup>-</sup> Ions from penning discharge with metal-hydride cathode, <b>2017</b>, Problems of Atomic Science and Technology,107,1,183</li> <li>6. The capacitive component of double layer current in plasma, <b>2017</b>, Problems of Atomic Science and Technology,107,1,219</li> <li>7. Features of active power definition in high-current pulsed discharge, <b>2016</b>, Problems of Atomic Science and Technology,106,6,48</li> </ol>	8	<ol style="list-style-type: none"> <li>1. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, <b>2018</b>,4,156</li> <li>2. Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieeec Transactions On Plasma Science, <b>2018</b>,46,10,3541</li> <li>3. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, <b>2018</b>,6,198</li> <li>4. Longitudinal Extraction Of H<sup>-</sup> Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, <b>2017</b>,1,183</li> <li>5. The Capacitive Component Of Double Layer Current In Plasma,Problems Of Atomic Science And Technology, <b>2017</b>,1,219</li> <li>6. Features Of Active Power Definition In High-Current Pulsed Discharge,Problems Of Atomic Science And Technology, <b>2016</b>,6,48</li> <li>7. Plasma Parameters In Pig With Metal-Hydride Cathode Under Different Ways Of Hydrogen Supply,Problems Of Atomic Science And Technology, <b>2015</b>,4,342</li> <li>8. Anisotropy Of Radiation From Dense Plasma Of Multiply Ionized Atoms,Problems Of Atomic Science And Technology, <b>2015</b>,4,32</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Дахов Олександр Васильович	6	<ol style="list-style-type: none"> <li>1. Conversion of carbon dioxide in low-pressure plasma, <b>2018</b>, Problems of Atomic Science and Technology,118,6,194</li> <li>2. Current gain of a pulsed DC discharge in low-pressure gases, <b>2017</b>, Vacuum,145,194</li> <li>3. Forming a unipolar pulsed discharge in nitrogen, <b>2016</b>, Problems of Atomic Science and Technology,106,6,227</li> <li>4. Actinometric study of oxygen dissociation in ICP source, <b>2014</b>, Problems of Atomic Science and Technology,94,6,167</li> <li>5. Influence of secondary electron emission on the RF gas breakdown, <b>2013</b>, Problems of Atomic Science and Technology,4,149</li> <li>6. Dependence of RF breakdown curve on electrode geometry in CCP reactor, <b>2012</b>, Problems of Atomic Science and Technology,6,193</li> </ol>	6	<ol style="list-style-type: none"> <li>1. Conversion Of Carbon Dioxide In Low-Pressure Plasma,Problems Of Atomic Science And Technology, <b>2018</b>,6,194</li> <li>2. Current Gain Of A Pulsed Dc Discharge In Low-Pressure Gases,Vacuum, <b>2017</b>,145,194</li> <li>3. Forming A Unipolar Pulsed Discharge In Nitrogen,Problems Of Atomic Science And Technology, <b>2016</b>,6,227</li> <li>4. Actinometric Study Of Oxygen Dissociation In Icp Source,Problems Of Atomic Science And Technology, <b>2014</b>,6,167</li> <li>5. Influence Of Secondary Electron Emission On The Rf Gas Breakdown,Problems Of Atomic Science And Technology, <b>2013</b>,4,149</li> <li>6. Dependence Of Rf Breakdown Curve On Electrode Geometry In Ccp Reactor,Problems Of Atomic Science And Technology, <b>2012</b>,6,193</li> </ol>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Оксенюк Іван Іванович	8	<p>SIMS Study of Hydrogen Interaction with the LaNi<sub>5</sub> Alloy Surface, <b>2018</b>, Journal of Surface Investigation,12,3,576</p> <p>On excited particle formation in crossed E×H fields, <b>2018</b>, Vacuum,149,124</p> <p>SIMS study of the surface of lanthanum-based alloys, <b>2017</b>, Ukrainian Journal of Physics,62,10,845</p> <p>Sims study of the surface of TiFe hydride forming alloy, <b>2017</b>, Ukrainian Journal of Physics,62,3,195</p> <p>Effect of annealing on the secondary particles emission from the zirconium alloy</p>	7	<ol style="list-style-type: none"> <li>1. On Excited Particle Formation In Crossed Exh Fields,Vacuum, <b>2018</b>,149,124</li> <li>2. Sims Study Of Hydrogen Interaction With The Lani5 Alloy Surface,Journal Of Surface Investigation, <b>2018</b>,12,3,576</li> <li>3. Sims Study Of The Surface Of Lanthanum-Based Alloys,Ukrainian Journal Of Physics, <b>2017</b>,62,10,845</li> <li>4. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology,</li> </ol>

				<p>surface, <b>2017</b>, Problems of Atomic Science and Technology,110,4,39</p> <p>On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet, <b>2016</b>, Vacuum,129,148</p> <p>The study of surface of alloys for hydrogen storage by SIMS, <b>2015</b>, YSF 2015 - International Young Scientists Forum on Applied Physics,7333250,</p> <p>SIMS investigation of the processes of gas release from zirconium-based getter alloy, <b>2014</b>, Bulletin of the Russian Academy of Sciences: Physics,78,6,526</p>		<p><b>2017</b>,4,39</p> <p>5. Sims Study Of The Surface Of Tife Hydride Forming Alloy,Ukrainian Journal Of Physics, <b>2017</b>,62,3,195</p> <p>6. On The Mechanisms Of Formation Of Excited Yttrium Atoms Under Ion Bombardment Of Yttrium And Yttrium-Aluminum Garnet,Vacuum, <b>2016</b>,129,148</p> <p>7. The Study Of Surface Of Alloys For Hydrogen Storage By Sims,2015 International Young Scientists Forum On Applied Physics (Ysf), <b>2015</b>,</p>
Фізико-технічний	Кафедра ядерної та медичної фізики	Онищенко Геннадій Михайлович	14	<ol style="list-style-type: none"> <li>1. Multi-layer fast neutron detectors based on composite heavy-oxide scintillators for detection of illegal nuclear materials, <b>2018</b>, "Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment",903,287</li> <li>2. Advanced Multilayer Composite Heavy-Oxide Scintillator Detectors for High-Efficiency Fast Neutron Detection, <b>2018</b>, IEEE Transactions on Nuclear Science,65,9,8335781,2547</li> <li>3. Unified S-matrix analysis of Airy structures in <math>\alpha+^{24}\text{Mg}</math> elastic and inelastic scattering, <b>2018</b>, International Journal of Modern Physics D,</li> <li>4. Unified S -matrix analysis of Airy structures in <math>\alpha + 24 \text{ Mg}</math> elastic and inelastic scattering, <b>2018</b>, International Journal of Modern Physics E,27,7,8500611,</li> <li>5. Advanced Multilayer Composite Heavy-Oxide Scintillator Detectors for High Efficiency Fast Neutron Detection, <b>2018</b>, EPJ Web of Conferences,170,7010,</li> <li>6. Fast neutron detectors based on solid-state single crystalline and multilayer composite scintillators, <b>2017</b>, "2016 IEEE Nuclear Science Symposium, Medical Imaging Conference and Room-Temperature Semiconductor Detector Workshop, NSS/MIC/RTSD 2016",2017-January,8069722,</li> <li>7. Fast neutron detectors and portal monitors based on solid-state heavy-oxide scintillators, <b>2017</b>, Radiation Measurements,105,17</li> <li>8. Analysis of <math>\alpha - 1 2 \text{ C}</math> elastic scattering at intermediate energies by the S -matrix model, <b>2017</b>, International Journal of Modern Physics E,26,5,1750027,</li> <li>9. A new multi-layer scintillation detector for detection of neutron-gamma radiation, <b>2016</b>, "2015 IEEE Nuclear Science Symposium and Medical Imaging Conference, NSS/MIC 2015",7581996,</li> <li>10. High efficiency fast neutron detectors based on inorganic scintillators, <b>2016</b>, "2014 IEEE Nuclear Science Symposium and Medical Imaging Conference, NSS/MIC 2014",7431165,</li> <li>11. Detection of gamma-neutron radiation by novel solid-state scintillation detectors, <b>2015</b>, "2015 4th International Conference on Advancements in Nuclear Instrumentation Measurement Methods and their Applications, ANIMMA 2015",7465541,</li> <li>12. The highly efficient gamma-neutron detector for control of fissionable radioactive materials, <b>2014</b>, Functional Materials,21,3,345</li> <li>13. The neutron detectors based on oxide scintillators for control of fissionable radioactive substances, <b>2014</b>, Proceedings of SPIE - The International Society for Optical Engineering,9213, 92131B,</li> <li>14. A high-efficiency method of detection of fast neutrons for detection</li> </ol>	10	<ol style="list-style-type: none"> <li>1. Multi-Layer Fast Neutron Detectors Based On Composite Heavy-Oxide Scintillators For Detection Of Illegal Nuclear Materials, <b>2018</b>, "Nuclear Instruments And Methods In Physics Research, Section A: Accelerators, Spectrometers, Detectors And Associated Equipment",903,287</li> <li>2. Advanced Multilayer Composite Heavy-Oxide Scintillator Detectors For High-Efficiency Fast Neutron Detection, <b>2018</b>, Ieee Transactions On Nuclear Science,65,9,8335781,2547</li> <li>3. Unified S-Matrix Analysis Of Airy Structures In <math>A+^{24}\text{mg}</math> Elastic And Inelastic Scattering, <b>2018</b>, International Journal Of Modern Physics D,</li> <li>4. Unified S -Matrix Analysis Of Airy Structures In <math>A + 24 \text{ Mg}</math> Elastic And Inelastic Scattering, <b>2018</b>, International Journal Of Modern Physics E,27,7,8500611,</li> <li>5. Fast Neutron Detectors Based On Solid-State Single Crystalline And Multilayer Composite Scintillators, <b>2017</b>, "2016 Ieee Nuclear Science Symposium, Medical Imaging Conference And Room-Temperature Semiconductor Detector Workshop, Nss/Mic/Rtsd 2016",2017-January,8069722,</li> <li>6. Fast Neutron Detectors And Portal Monitors Based On Solid-State Heavy-Oxide Scintillators, <b>2017</b>, Radiation Measurements,105,17</li> <li>7. Analysis Of <math>A - 1 2 \text{ C}</math> Elastic Scattering At Intermediate Energies By The S -Matrix Model, <b>2017</b>, International Journal Of Modern Physics E,26,5,1750027,</li> <li>8. High Efficiency Fast Neutron Detectors Based On Inorganic Scintillators, <b>2016</b>, "2014 Ieee Nuclear Science Symposium And Medical Imaging Conference, Nss/Mic 2014",7431165,</li> <li>9. The Highly Efficient Gamma-Neutron Detector For Control Of Fissionable Radioactive Materials, <b>2014</b>, Functional Materials,21,3,345</li> <li>10. The Neutron Detectors Based On Oxide Scintillators For Control Of Fissionable Radioactive Substances, <b>2014</b>, Proceedings Of Spie - The International Society For Optical Engineering,9213, 92131b,</li> </ol>

				systems of fissionable radioactive materials, <b>2012</b> , Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika),71,18,1665		
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Міненко Олексій Олександрович	11	<ol style="list-style-type: none"> <li>Effect of size on phase transformation temperatures in Ge/Bi/Ge films, <b>2018</b>, Journal of Alloys and Compounds,756,50</li> <li>"Supercooling under crystallization of Bi-Sn eutectic alloy in contact with Bi, Sn and amorphous C", <b>2018</b>, Vacuum,152,1</li> <li>De-wetting of nanosized binary films: A case study on au-ge. <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017", <b>2017</b>-January, 02NTF08,</li> <li>Size evolution of solid state area on the Ag-Cu phase diagram, <b>2017</b>, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017", <b>2017</b>-January, 02NTF12,</li> <li>Interfacial kinetics in nanosized Au/Ge films: An in situ TEM study, <b>2017</b>, Applied Surface Science,409,343</li> <li>Morphology of islet systems formed during melting of continuous Bi films on Ge and SiO<sub>2</sub> substrates, <b>2015</b>, Journal of Nano- and Electronic Physics,7,1,1024,</li> <li>Determination of solid state solubility of the components in the Ag-Ge film system, <b>2014</b>, Journal of Nano- and Electronic Physics,6,4,4026,</li> <li>The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system, <b>2014</b>, Applied Physics A: Materials Science and Processing,116,4,1891</li> <li>Size dependence of the activation energy of diffusion in multilayer Cu-Ni films, <b>2014</b>, Physics of the Solid State,56,4,823</li> <li>In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system, <b>2014</b>, Metallofizika i Noveishie Tekhnologii,36,1,31</li> <li>Critical thickness of contact melting in the Au/Ge layered film system, <b>2012</b>, Journal of Alloys and Compounds,512,1,311</li> </ol>	8	<ol style="list-style-type: none"> <li>Effect Of Size On Phase Transformation Temperatures In Ge/Bi/Ge Films, <b>2018</b>, Journal Of Alloys And Compounds,756,50</li> <li>"Supercooling Under Crystallization Of Bi-Sn Eutectic Alloy In Contact With Bi, Sn And Amorphous C", <b>2018</b>, Vacuum,152,1</li> <li>Interfacial Kinetics In Nanosized Au/Ge Films: An In Situ Tem Study, <b>2017</b>, Applied Surface Science,409,343</li> <li>Morphology Of Islet Systems Formed During Melting Of Continuous Bi Films On Ge And SiO<sub>2</sub> Substrates, <b>2015</b>, Journal Of Nano- And Electronic Physics,7,1,1024,</li> <li>Determination Of Solid State Solubility Of The Components In The Ag-Ge Film System, <b>2014</b>, Journal Of Nano- And Electronic Physics,6,4,4026,</li> <li>The Kinetics Of The Formation Of A Solid Solution In An Ag-Pd Polycrystalline Film System, <b>2014</b>, Applied Physics A: Materials Science And Processing,116,4,1891</li> <li>Size Dependence Of The Activation Energy Of Diffusion In Multilayer Cu-Ni Films, <b>2014</b>, Physics Of The Solid State,56,4,823</li> <li>Critical Thickness Of Contact Melting In The Au/Ge Layered Film System, <b>2012</b>, Journal Of Alloys And Compounds,512,1,311</li> </ol>
Фізичний	Кафедра експериментальної фізики	Пойда Володимир Павлович	8	<ol style="list-style-type: none"> <li>Педун Д.Е. Структурные изменения в ходе сверхпластической деформации алюминиевых сплавов АМг2М и 1933 / Д.Е. Педун, В.П. Пойда, В.В. Брюховецкий, А.В. Пойда, А.П. Крышталь, Т.Ф. Сухова, А.Л. Самсоник, В.В. Литвиненко, Е.А. Спиридонов // Металлофизика и новейшие технологии. – 2012. – Т.34, №10. – С.1397-1410.</li> <li>Педун Д.Е. Структурные изменения в ходе сверхпластической деформации алюминиевых сплавов АМг2М и 1933 / Д.Е. Педун, В.П. Пойда, В.В. Брюховецкий, А.В. Пойда, А.П. Крышталь, Т.Ф. Сухова, А.Л. Самсоник, В.В. Литвиненко, Е.А. Спиридонов // Металлофизика и новейшие технологии. – 2012. – Т.34, №10. – С.1397-1410.</li> <li>Педун Д.Е. Частичное плавление и высокотемпературная структурная сверхпластичность сплава АМг2М / Д.Е. Педун, В.П. Пойда, В.В. Брюховецкий, А.В. Пойда, Р.В. Сухов // Вопросы атомной науки и техники. – 2013. – №5(8), серия «Физика радиационных повреждений и радиационное материаловедение». – С.147-153.</li> <li>Пойда В.П. Структурные изменения в ходе сверхпластической деформации высокопрочного сплава 1933 системы Al-Mg-Zn-Cu-Zr /</li> </ol>		

				<p>В.П. Пойда, Д.Е. Педун, В.В. Брюховецкий, А.В. Пойда, Р.В. Сухов, А.Л. Самсоник, В.В. Литвиненко // Физика металлов и металловедение. – 2013. – Т.114, №9. – С.848-858.</p> <p>5. Пойда В.П. Влияние магния на фазовые превращения и структурные изменения, осуществляющиеся в ходе сверхпластической деформации сплава 01420Т / В.П. Пойда, Д.Е. Милая, А.В. Пойда, В.В. Брюховецкий, Р.В. Сухов // Вопросы атомной науки и техники. Серия «Физика радиационных повреждений и радиационное материаловедение». – 2014. – № 4 (92). – С.139-146.</p> <p>6. Пойда А.В. Частичное плавление и механизмы образования и развития волокнистых структур в ходе сверхпластической деформации сплава 6111 / А.В. Пойда, В.П. Пойда, В.В. Брюховецкий, Д.Е. Милая, Р.В. Сухов // Вопросы атомной науки и техники. - 2016. - №2 (102). - С.107-113.</p> <p>7. Вплив розміру зерна і структурного стану меж зерен на параметри надпластичності алюмінійового стопу Al–Zn–Mg–Cu–Zr / А.В. Пойда, В.П. Пойда, В.В. Брюховецький, Д. Є. Мила, А. В. Завдовєєв // Металлофиз. новейшие технол. / Metallofiz. Noveishie Tekhnol. - 2017, т. 39, №10. - С. 1345–1362.</p> <p>8. Superplastic behavior of 1933 aluminum alloy with bimodal structure at elevated temperatures / V.V. Bryukhovetsky, A.V. Poyda, V.P. Poyda, D.E. Milaya // Вопросы атомной науки и техники, серия «Физика радиационных повреждений и радиационное материаловедение». - 2018. - №2(114). - P. 94-102.</p>		
Фізичний	Експериментальної фізики	Дукаров Сергій Валентинович	19	<p>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems Functional Materials Volume: 25 Issue: 3 Pages: 601-607, 2018. DOI: 10.15407/fm25.03.601</p> <p>2. Formation of monolayer ensembles of branched gold nanoparticles Functional Materials Volume: 25 Issue: 3 Pages: 534-538, 2018. DOI: 10.15407/fm25.03.534</p> <p>3. Inner Size Effect in Layered Films with Eutectic Interaction of Components Acta Physica Polonica a Volume: 133 Issue: 5 Pages: 1186-1190, 2018. DOI: 10.12693/APhysPolA.133.1186</p> <p>4. Metal oxide heterojunction (NiO/ZnO) prepared by low temperature solution growth for UV-photodetector and semi-transparent solar cell Solar Energy Volume: 164 Pages: 149-159. 2018. DOI: 10.1016/j.solener.2018.01.054</p> <p>5. Influence of UV light of extraterrestrial solar irradiance on structure and properties of ZnO films prepared through pulsed electrochemical deposition and via SILAR method Journal of Nano- and Electronic Physics Volume 10, Issue 6, P 06038. 2018. DOI: 10.21272/jnep.10(6).06038</p> <p>6. Semitransparent p-CuI and n-ZnO thin films prepared by low temperature solution growth for thermoelectric conversion of near-infrared solar light Solar Energy Volume: 171 Pages: 704-715. 2018. DOI: 10.1016/j.solener.2018.07.030</p> <p>7. Structure, optical, electrical and thermoelectric properties of solution-processed Li-doped NiO films grown by SILAR Materials Science in Semiconductor Processing Volume: 83 Pages: 42-49. 2018. DOI: 10.1016/j.mssp.2018.04.010</p>		

				<p>8. Growth of Island films during vapor-liquid condensation Journal of Nano- and Electronic Physics 10(1),01023. 2018. DOI: 10.21272/jnep.10(1).01023</p> <p>9. Effect of lead on the thermal dispersion of continuous polycrystalline copper films Vacuum Volume: 142 Pages: 29-36. 2017 DOI: 10.1016/j.vacuum.2017.04.037.</p> <p>10. Nanostructured ZnO arrays fabricated via pulsed electrodeposition and coated with Ag nanoparticles for ultraviolet photosensors Journal of Nano- and Electronic Physics 10(3),03027. 2018. DOI: 10.21272/jnep.10(3).03027</p> <p>11. Supercooling during a crystallization of thin layers of the Bi + 7% wt. Sn alloy being contact to crystalline copper Metallofizika i Noveishie Tekhnologii 39(8), c. 1069-1086. 2017. DOI: 10.15407/mfint.39.08.1069</p> <p>12. Wetting of Nickel Films of Variable Thickness by Island Lead Condensates Proceedings of the 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap). 2017</p> <p>13. In situ research on temperature dependence of the lattice parameters of fusible metals in thin Cu-Pb and Cu-Bi films Functional Materials Volume: 23 Issue: 2 Pages: 218-223. 2016. DOI: 10.15407/fm23.02.218</p> <p>14. Growth of through pores and thermal dispersion of continuous polycrystalline films of copper Metallofizika i Noveishie Tekhnologii 38(10), c. 1351-1366. 2016. DOI: 10.15407/mfint.38.10.1351</p> <p>15. Stability Limits of the Liquid Phase in the Layered Mo/Pb/Mo, Mo/Bi/Mo and Mo/In/Mo Film Systems Journal of Nano- and Electronic Physics Volume: 8 Issue: 4. P. 04073. 2016. DOI: 10.21272/jnep.8(4(2)).04073</p> <p>16. Supercooling during crystallization of fusible metal particles in multilayer "carbon-metal-carbon" films Problems of Atomic Science and Technology Issue: 4 Pages: 118-124. 2016.</p> <p>17. Formation and thermal stability of liquid phase in layered film systems Vacuum Volume: 122 Pages: 208-214. 2015</p> <p>18. Inner Size Effect in the Polycrystalline Metal Films of Fusible Metals Journal of Nano- and Electronic Physics Volume: 7 Issue: 2. P. 02033. 2015</p> <p>19. Effect of temperature on the pores growth in the polycrystalline films of fusible metals Problems of Atomic Science and Technology Issue: 1 Pages: 110-114. 2014</p>		
Фізичний	Експериментальної фізики	Сухов Володимир Миколайович	22	<p>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems Functional Materials Volume: 25 Issue: 3 Pages: 601-607, 2018. DOI: 10.15407/fm25.03.601</p> <p>2. Formation of monolayer ensembles of branched gold nanoparticles Functional Materials Volume: 25 Issue: 3 Pages: 534-538, 2018. DOI: 10.15407/fm25.03.534</p> <p>3. Inner Size Effect in Layered Films with Eutectic Interaction of Components Acta Physica Polonica a Volume: 133 Issue: 5 Pages: 1186-1190, 2018. DOI: 10.12693/APhysPolA.133.1186</p> <p>4. Effective Microwave Electromagnetic Response of the Infinite Chain of Dielectric Coated Circular Metal Cylinders UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520158, c. 214-217. 2018.</p> <p>5. The Quasi-Fractal Microstrip Antenna UWBUSIS 2018 - 2018 9th</p>		



			<p>International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520158, c. 214-217. 2018.</p> <p>6. Ferromagnetic resonance in the complex of Fe<sub>3</sub>O<sub>4</sub> nanoparticles with organic compounds Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 77(3), P. 257-262. 2018. DOI: 10.1615/TelecomRadEng.v77.i3.60</p> <p>7. Growth of Island films during vapor-liquid condensation Journal of Nano- and Electronic Physics 10(1),01023. 2018. DOI: 10.21272/jnep.10(1).01023</p> <p>8. Effect of lead on the thermal dispersion of continuous polycrystalline copper films Vacuum Volume: 142 Pages: 29-36. 2017. DOI: 10.1016/j.vacuum.2017.04.037.</p> <p>9. Supercooling during a crystallization of thin layers of the Bi + 7% wt. Sn alloy being contact to crystalline copper Metallofizika i Noveishie Tekhnologii 39(8), c. 1069-1086. 2017. DOI: 10.15407/mfint.39.08.1069</p> <p>10. Effect of the residual gases catalytic activity on the island tin films crystallization Proceedings of the 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap). 2017</p> <p>11. In situ research on temperature dependence of the lattice parameters of fusible metals in thin Cu-Pb and Cu-Bi films Functional Materials Volume: 23 Issue: 2 Pages: 218-223. 2016. DOI: 10.15407/fm23.02.218</p> <p>12. Growth of through pores and thermal dispersion of continuous polycrystalline films of copper Metallofizika i Noveishie Tekhnologii 38(10), c. 1351-1366. 2016. DOI: 10.15407/mfint.38.10.1351</p> <p>13. Stability Limits of the Liquid Phase in the Layered Mo/Pb/Mo, Mo/Bi/Mo and Mo/In/Mo Film Systems Journal of Nano- and Electronic Physics Volume: 8 Issue: 4, P. 04073. 2016. DOI: 10.21272/jnep.8(4(2)).04073</p> <p>14. Supercooling during crystallization of fusible metal particles in multilayer "carbon-metal-carbon" films Problems of Atomic Science and Technology Issue: 4 Pages: 118-124. 2016.</p> <p>15. Formation and thermal stability of liquid phase in layered film systems Vacuum Volume: 122 Pages: 208-214. 2015</p> <p>16. Inner Size Effect in the Polycrystalline Metal Films of Fusible Metals Journal of Nano- and Electronic Physics Volume: 7 Issue: 2, P. 02033. 2015</p> <p>17. Effect of temperature on the pores growth in the polycrystalline films of fusible metals Problems of Atomic Science and Technology Issue: 1 Pages: 110-114. 2014</p> <p>18. Hybrid metal-dielectric structure based on inverted dielectric waveguide CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6959496, c. 495-496</p> <p>19. Re-adjusting disk microstrip antenna CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6959495, c. 493-494</p> <p>20. Multiresonator microstrip antenna CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6652980, c. 616-617</p> <p>21. Waves diffraction in coaxial waveguide with slots in the inner conductor 2012 6th International Conference on Ultrawideband and Ultrashort</p>		
--	--	--	---	--	--

				Impulse Signals, UWBUSIS 2012 - Conference Proceedings 6379815, c. 312-314 22. The radiating unit based on hybrid metal-dielectric structure with bounded sequence of transverse slots CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6336046, c. 435-436		
Фізичний	Експериментальної фізики	Петрушенко Сергій Іванович	19	<p>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems Functional Materials Volume: 25 Issue: 3 Pages: 601-607, <b>2018</b>. DOI: 10.15407/fm25.03.601</p> <p>2. Formation of monolayer ensembles of branched gold nanoparticles Functional Materials Volume: 25 Issue: 3 Pages: 534-538, <b>2018</b>. DOI: 10.15407/fm25.03.534</p> <p>3. Inner Size Effect in Layered Films with Eutectic Interaction of Components Acta Physica Polonica a Volume: 133 Issue: 5 Pages: 1186-1190, <b>2018</b>. DOI: 10.12693/APhysPolA.133.1186</p> <p>4. Metal oxide heterojunction (NiO/ZnO) prepared by low temperature solution growth for UV-photodetector and semi-transparent solar cell Solar Energy Volume: 164 Pages: 149-159. <b>2018</b>. DOI: 10.1016/j.solener.2018.01.054</p> <p>5. Influence of UV light of extraterrestrial solar irradiance on structure and properties of ZnO films prepared through pulsed electrochemical deposition and via SILAR method Journal of Nano- and Electronic Physics Volume 10, Issue 6, P 06038. <b>2018</b>. DOI: 10.21272/jnep.10(6).06038</p> <p>6. Semitransparent p-CuI and n-ZnO thin films prepared by low temperature solution growth for thermoelectric conversion of near-infrared solar light Solar Energy Volume: 171 Pages: 704-715. <b>2018</b>. DOI: 10.1016/j.solener.2018.07.030</p> <p>7. Ferromagnetic resonance in the complex of Fe<sub>3</sub>O<sub>4</sub> nanoparticles with organic compounds Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 77(3), P. 257-262. <b>2018</b>. DOI: 10.1615/TelecomRadEng.v77.i3.60</p> <p>8. Structure, optical, electrical and thermoelectric properties of solution-processed Li-doped NiO films grown by SILAR Materials Science in Semiconductor Processing Volume: 83 Pages: 42-49. <b>2018</b>. DOI: 10.1016/j.mssp.2018.04.010</p> <p>9. Growth of Island films during vapor-liquid condensation Journal of Nano- and Electronic Physics 10(1),01023. <b>2018</b>. DOI: 10.21272/jnep.10(1).01023</p> <p>10. Effect of lead on the thermal dispersion of continuous polycrystalline copper films Vacuum Volume: 142 Pages: 29-36. <b>2017</b>. DOI: 10.1016/j.vacuum.2017.04.037.</p> <p>11. Nanostructured ZnO arrays fabricated via pulsed electrodeposition and coated with Ag nanoparticles for ultraviolet photosensors Journal of Nano- and Electronic Physics 10(3),03027. <b>2018</b>. DOI: 10.21272/jnep.10(3).03027</p> <p>12. Supercooling during a crystallization of thin layers of the Bi + 7% wt. Sn alloy being contact to crystalline copper Metallofizika i Noveishie Tekhnologii 39(8), c. 1069-1086. <b>2017</b>. DOI: 10.15407/mfint.39.08.1069</p> <p>13. Supercooling during the crystallization of in and Sn in copper and molybdenum based multilayer films Proceedings of the 2017 Ieee 7th International Conference Nanomaterials: Application &amp; Properties (Nap). <b>2017</b></p>		

				<p>14. In situ research on temperature dependence of the lattice parameters of fusible metals in thin Cu-Pb and Cu-Bi films <i>Functional Materials</i> Volume: 23 Issue: 2 Pages: 218-223. <b>2016</b>. DOI: 10.15407/fm23.02.218</p> <p>15. Growth of through pores and thermal dispersion of continuous polycrystalline films of copper <i>Metallofizika i Noveishie Tekhnologii</i> 38(10), c. 1351-1366. <b>2016</b>. DOI: 10.15407/mfint.38.10.1351</p> <p>16. Stability Limits of the Liquid Phase in the Layered Mo/Pb/Mo, Mo/Bi/Mo and Mo/In/Mo Film Systems <i>Journal of Nano- and Electronic Physics</i> Volume: 8 Issue: 4. P. 04073. <b>2016</b>. DOI: 10.21272/jnep.8(4(2)).04073</p> <p>17. Supercooling during crystallization of fusible metal particles in multilayer "carbon-metal-carbon" films <i>Problems of Atomic Science and Technology</i> Issue: 4 Pages: 118-124. <b>2016</b>.</p> <p>18. Formation and thermal stability of liquid phase in layered film systems <i>Vacuum</i> Volume: 122 Pages: 208-214. <b>2015</b></p> <p>18. Inner Size Effect in the Polycrystalline Metal Films of Fusible Metals <i>Journal of Nano- and Electronic Physics</i> Volume: 7 Issue: 2. P. 02033. <b>2015</b></p> <p>19. Effect of temperature on the pores growth in the polycrystalline films of fusible metals <i>Problems of Atomic Science and Technology</i> Issue: 1 Pages: 110-114. <b>2014</b></p>		
Фізичний	Експериментальної фізики	Самсонік Олександр Лукич	6	<p>1 Inner Size Effect in Layered Films with Eutectic Interaction of Components <i>Acta Physica Polonica a</i> Volume: 133 Issue: 5 Pages: 1186-1190, <b>2018</b>. DOI: 10.12693/APhysPolA.133.1186</p> <p>2 Effect of the Residual Gases Catalytic Activity on the Island Tin Films <i>Crystallization Proceedings of the 2017 IEEE 7th International Conference Nanomaterials: Application &amp; Properties (Nap) 2017</i></p> <p>3 Conductivity of YBCO ceramics in a wide range of temperatures and hafnium impurities concentrations</p> <p>4 <i>Functional Materials</i> Volume: 23 Issue: 1 Pages: 21-26. <b>2016</b>. DOI: 10.15407/fm23.01.021</p> <p>5 Structural changes during superplastic deformation of high-strength alloy 1933 of the Al-Mg-Zn-Cu-Zr system <i>Physics of Metals and Metallography</i> Volume: 114 Issue: 9 Pages: 779-788. <b>2013</b></p> <p>6 X-ray diffraction study of structural and phase states of a superplastic Sn-38 wt % Pb alloy and their variations under the effect of external mechanical stresses and aging <i>Physics of Metals and Metallography</i> Volume: 113 Issue: 2 Pages: 190-199. <b>2012</b></p>		
Фізичний	Кафедра фізики твердого тіла	Зиман Золтан Золтанович	6	<p>1) Structural changes in precipitates and cell model for the conversion of amorphous calcium phosphate to hydroxyapatite during the initial stage of precipitation. 2012 <i>Journal of Crystal Growth</i> 353(1), c. 5-11</p> <p>2) Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 <i>Materialwissenschaft und Werkstofftechnik</i> 44(2-3), c. 259-263</p> <p>3) Thermally induced crystallization and phase evolution in powders derived from amorphous calcium phosphate precipitates with a Ca/P ratio of 1:1. 2016 <i>Journal of Crystal Growth</i>. 450, c. 190-196</p> <p>4) Phase evolution during heat treatment of amorphous calcium phosphate derived from fast nitrate synthesis. 2017 <i>Processing and Application of Ceramics</i>. 11(2), c. 147-153</p> <p>5) Peculiarities in thermal evolution of precipitated amorphous calcium</p>		

				phosphates with an initial Ca/P ratio of 1:1. 2017 Journal of Materials Science: Materials in Medicine. 28(3),52 6) Kinetics and mechanisms of the transformation of precipitated amorphous calcium phosphate with a Ca/P ratio of 1:1 to calcium pyrophosphates. 2017 Journal of Crystal Growth. 478, c. 117-122		
Фізичний	Кафедра фізики твердого тіла	Бадян Євген Юхимович	6	1) Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens characteristics of substructure and orientation inhomogeneity in polycrystalline specimens. 2014 Functional Materials 21(3), c. 307-312 2) Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation. 2015 Functional Materials 22(3), c. 396-401 3) Plastic rotations in polycrystalline aluminium foils. 2015 Metallofizika i Noveishie Tekhnologii 37(7), c. 951-960 4) Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation. 2016 Problems of Atomic Science and Technology 101(1), c. 88-91 5) Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation. 2016 Functional Materials 23(4), c. 561-569 6) Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride. 2016 Problems of Atomic Science and Technology 102(2), c. 92-98		
Фізичний	Кафедра фізики твердого тіла	Рохмістров Дмитро Володимирович	8	1) Structural changes in precipitates and cell model for the conversion of amorphous calcium phosphate to hydroxyapatite during the initial stage of precipitation. 2012 Journal of Crystal Growth 353(1), c. 5-11 2) Study of structure of calcium phosphate materials by means of electron spin resonance. 2012 Applied Radiation and Isotopes 70(11), c. 2621-2626 3) Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 Materialwissenschaft und Werkstofftechnik 44(2-3), c. 259-263 4) Thermally induced crystallization and phase evolution in powders derived from amorphous calcium phosphate precipitates with a Ca/P ratio of 1:1. 2016 Journal of Crystal Growth 450, c. 190-196 5) Phase evolution during heat treatment of amorphous calcium phosphate derived from fast nitrate synthesis. 2017 Processing and Application of Ceramics 11(2), c. 147-153 6) Peculiarities in thermal evolution of precipitated amorphous calcium phosphates with an initial Ca/P ratio of 1:1. 2017 Journal of Materials Science: Materials in Medicine 28(3),52 7) Kinetics and mechanisms of the transformation of precipitated amorphous calcium phosphate with a Ca/P ratio of 1:1 to calcium pyrophosphates. 2017 Journal of Crystal Growth 478, c. 117-122 8) Electro- and Heat Transfer in Cd <sub>0.22</sub> Hg <sub>0.78</sub> Te Single Crystals in the Temperature Range of Their Practical Applications. 2018 Journal of Low Temperature Physics 190(1-2), c. 39-44		
Фізичний	Кафедра фізики	Ткаченко Микола	8	1) <u>Effect of preliminary deformation on heat of melting of superplastic eutectic alloy Bi-43 wt % Sn.</u> 2013 Physics of Metals and Metallography 114(11),		

	твердого тіла	Васильович		<p>с. 962-967</p> <p>2) Electrophysical properties of nanosructured materials used in medicine as implants. 2013 CriMiCo 2013 - 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6652659, с. 1065-1066</p> <p>3) Synthesis and study of the new class of magnetic bioceramics for biomedical applications: Mossbauer studies. 2014 Solid State Phenomena 215, с. 480-488</p> <p>4) Polyfunctional bioceramics based on calcium phosphate and M-type hexagonal ferrite for medical applications. 2014 Technical Physics Letters 40(1), с. 4-6</p> <p>5) Formation of a sodium bicarbonate cluster in the structure of sodium-substituted hydroxyapatite. 2015 Physics of the Solid State 57(2), с. 407-411</p> <p>6) Changes in the heat of melting of a superelastic eutectic Sn-38 wt % Pb alloy due to preliminary plastic deformation. 2015 Physics of Metals and Metallography 116(10), с. 1029-1034</p> <p>7) Synthesis and properties of hybrid hydroxyapatite-ferrite (Fe<sub>3</sub>O<sub>4</sub>) particles for hyperthermia pplikations. 2016 Physics of the Solid State 58(4), с. 763-770</p> <p>8) Aging of ceramic carbonized hydroxyapatite at room temperature. 2016 Physics of the Solid State 58(8), с. 1552-1559</p>		
Фізичний	Кафедра фізики твердого тіла	Гончаренко Антон Володимирович	5	<p>1) Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 Materialwissenschaft und Werkstofftechnik 44(2-3), с. 259-263</p> <p>2) Thermally induced crystallization and phase evolution in powders derived from amorphous calcium phosphate precipitates with a Ca/P ratio of 1:1. 2016 Journal of Crystal Growth. 450, с. 190-196</p> <p>3) Phase evolution during heat treatment of amorphous calcium phosphate derived from fast nitrate synthesis. 2017 Processing and Application of Ceramics. 11(2), с. 147-153</p> <p>4) Peculiarities in thermal evolution of precipitated amorphous calcium phosphates with an initial Ca/P ratio of 1:1. 2017 Journal of Materials Science: Materials in Medicine. 28(3),52</p> <p>5) Kinetics and mechanisms of the transformation of precipitated amorphous calcium phosphate with a Ca/P ratio of 1:1 to calcium pyrophosphates. 2017 Journal of Crystal Growth. 478, с. 117-122</p>		
Фізичний	Кафедра фізики твердого тіла	Шуринов Роман Володимирович	6	<p>1) Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimenscharacteristics of substructure and orientation inhomogeneity in polycrystalline specimens. 2014 Functional Materials 21(3), с. 307-312</p> <p>2) Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation. 2015Functional Materials 22(3), с. 396-401</p> <p>3) Plastic rotations in polycrystalline aluminium foils. 2015 Metallofizika i Noveishie Tekhnologii 37(7), с. 951-960</p> <p>4) Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation. 2016 Problems of Atomic Science and Technology 101(1), с. 88-91</p> <p>5) Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation. 2016 Functional Materials 23(4), с.</p>		

				561-569 6) Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride. 2016 Problems of Atomic Science and Technology 102(2), c. 92-98		
Фізичний	Астрономії та космічної інформатики	Захожай Володимир Анатолійович	5	1. IRAS 22150+6109 - A young B-type star with a large disc. 2018 Monthly Notices of the Royal Astronomical Society 477(1), pp. 977-982 2. Lifetimes of stars in the main sequence and the maximum mass of stars in the galactic disk. 2013 Kinematics and Physics of Celestial Bodies 29(4), pp. 195-201 3. Stars and substars nearest to the Sun: A study review. 2013 Kinematics and Physics of Celestial Bodies 29(3), pp. 141-156 4. Simultaneous multicolour photometry of late-type giant stars. 2013 Information Bulletin on Variable Stars (6076),6076, pp. 1-4 5. Simultaneous multicolour photometry of late-type giant stars. 2013 Information Bulletin on Variable Stars 61(6076)		
Фізичний	Кафедра фізики низьких температур	Вовк Руслан Володимирович	122	1. Magneto-resistance and intrinsic pinning of vortices in the untwined YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> single crystals with a small deviation from the oxygen stoichiometry // Acta Physica Polonica A Vol.121 (2012) №5-6 p.1191-1194. 2. Compression changes of the electrical resistance and of the critical temperature in Nb <sub>1-x</sub> Se <sub>2</sub> S <sub>x</sub> single crystals. // Acta Physica Polonica A Vol.122 (2012) №1 p.1111-1113. 3. Electro-transport and structure of 1-2-3 HTSC single crystals with different plane defects topologies // Journal of Materials Science: Materials in Electronics (2012) 23:1255–1259 DOI 10.1007/s10854-011-0582-8. 4. Oxygen self-diffusion in apatites // Chemical Monthly (2012) –V.143. –P.345-353. DOI 10.1007/s00706-011-0696-y REVIEW. 5. Relaxation of the normal electrical resistivity induced by high-pressure in strongly underdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> single crystals. Physica B 407 (2012) – 4470-4472. 6. Localization effect and pseudo-gap in praseodymium doped Y1-zPrzBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> single crystals // Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics. -2012. -V.26 Issue: 25. – 1250163. 7. Optimizing oxygen diffusion in cathode materials for solid oxide fuel cells // Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics. -2012. -V.26 Issue: 30. – 1250196 8. A rule-based system for hybrid search and delivery of learning objects to learners // Interactive Technology and Smart Education (2012) , Vol. 9 Iss: 4, pp.263 – 279 DOI (Permanent URL): 10.1108/17415651211284048 9. Эволюция нормального электросопротивления монокристаллов YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> с δ≈0.45 в процессе приложения высокого гидростатического давления // ФНТ. (2012) Т.38, № 3, с. 323–326. 10. Влияние структурной релаксации на температурную зависимость псевдощели в монокристаллах YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> с различным содержанием кислорода // ФТВД, т.22,№2 (2012) с.88-94. 11. Anisotropy of magnetoresistance in untwinned YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> single crystals // Functional Materials 19, №2 (2012) p. 157-162.		

			<p>12. Evolution of normal electrical resistance in oxygen underdoped Ho<sub>1</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals in the process of application-removal of high hydrostatic pressure. // <i>Functional Materials</i> 19, №4 (2012) p. 452-458.</p> <p>13. Metal-to-insulator transition in Y<sub>1-x</sub>Pr<sub>x</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals with various praseodymium content // <i>Physica C</i> 485 (2013) p. 89-91 <a href="http://dx.doi.org/10.1016/j.physc.2012.09.017">http://dx.doi.org/10.1016/j.physc.2012.09.017</a>.</p> <p>14. Effect of Praseodymium Concentration on the Excess Conductivity Near the Critical Temperature of Y<sub>1-x</sub>Pr<sub>x</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> Single Crystals // <i>Journal of Low Temperature Physics</i> (2013) Volume 170, Issue 3-4, pp 216-222 170:216-222 DOI 10.1007/s10909-012-0755-8</p> <p>15. Temperature dependence of the pseudogap in Y<sub>1-z</sub>Pr<sub>z</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Journal of Materials Science: Materials in Electronics</i> (2013) Volume 24, Issue 4, pp 1146-1149 DOI 10.1007/s10854-012-0897-0.</p> <p>16. Metal-insulator transition and the temperature of the pseudogap anomaly opening in praseodymium doped Y<sub>1-z</sub>Pr<sub>z</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics</i>. -2013. -V.27 Issue: 4. – 1350029.</p> <p>17. Evolution of the metal-insulator transition in oxygen nonstoichiometric YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals under pressure // <i>Journal of Materials Science: Materials in Electronics</i> August 2013, Volume 24, Issue 8, pp 3132-3135 10.1007/s10854-013-1221-3.</p> <p>18. Effect of high pressure on the electrical resistivity of optimally doped YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals with unidirectional planar defects // <i>Physica B: Condensed Matter</i> Available online 25 April 2013 <a href="http://dx.doi.org/10.1016/j.physb.2013.04.032">http://dx.doi.org/10.1016/j.physb.2013.04.032</a>, Volume 422, 1 August 2013, Pages 33–35.</p> <p>19. C-axis hopping conductivity in heavily Pr-doped YBCO single crystals // <i>Supercond. Sci. Technol.</i> 26 (2013) 085017.</p> <p>20. Effect of long aging on the resistivity properties of optimally doped YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Solid State Communications</i> 170 (2013) 6-9 <a href="http://dx.doi.org/10.1016/j.ssc.2013.07.011">http://dx.doi.org/10.1016/j.ssc.2013.07.011</a>.</p> <p>21. Coexistence of different types of transverse conductivity in Y<sub>1-x</sub>Pr<sub>x</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals with different praseodymium concentrations // <i>Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics</i>. -2013. -V.27, №27. – 1350198 (6 pages) DOI:10.1142/S0217984913501984.</p> <p>22. Relaxation effect of pressure on the pseudogap in oxygen underdoped HoBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Journal of Materials Science: Materials in Electronics</i> (2013) Volume 24, Issue 12, P. 5127-5131, DOI 10.1007/s10854-013-1534-2.</p> <p>23. Influence of intrinsic pinning on the resistive properties of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals. // <i>Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics</i> Vol.27, №30 (2013) 1350220 DOI:10.1142/S0217984913502205.</p> <p>24. Aging Effect on Electrical Conductivity of Pure and Al-doped YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> Single Crystals with a Given Topology of Planar Defects // <i>Hindawi Publishing Corporation Advances in Condensed Matter Physics</i> Volume 2013, Article ID 931726, <a href="http://dx.doi.org/10.1155/2013/931726">http://dx.doi.org/10.1155/2013/931726</a></p> <p>25. Индуцированная высоким давлением релаксации</p>		
--	--	--	---	--	--

			<p>электросопротивления монокристаллов YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> // ФНТ, т.39, №6, (2013) с.684-689.</p> <p>26. Effect of transverse and longitudinal magnetic field on the excess conductivity of YBa<sub>2</sub>Cu<sub>3-z</sub>Al<sub>z</sub>O<sub>7-δ</sub> single crystals with a given topology of plane defects // <i>Functional Materials</i> 20, №2 (2013) p. 208-216.</p> <p>27. Effect of praseodymium doping on electroresistivity along c-axis in Y<sub>1-x</sub>Pr<sub>x</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Functional Materials</i> 20, №4 (2013) p. 457-461.</p> <p>28. Effect of long aging on the resistivity properties of aluminum doped YBa<sub>2</sub>Cu<sub>3-y</sub>Al<sub>y</sub>O<sub>7-δ</sub> single crystals with a given twin boundary topology. // <i>Journal of Low Temperature Physics</i> (2014) 174: p.p. 214-221 DOI:10.1007/s10909-013-0959-6.</p> <p>29. Fluctuation conductivity of oxygen underdoped YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Physica B: Condensed Matter</i> Volume 436, 1 March 2014, Pages 88–90</p> <p>30. Effect of Structural Relaxation on the In-Plane Electrical Resistance of Oxygen-Underdoped ReBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> (Re = Y, Ho) Single Crystals // <i>Journal of Low Temperature Physics</i> (2014) PP. 1 - 17 DOI 10.1007/s10909-014-1121-9</p> <p>31. Strategies to suppress A-center formation in silicon and germanium from a mass action analysis viewpoint // <i>Journal of Materials Science: Materials in Electronics</i> (2014) 25: PP. 1388 - 1392 doi: 10.1007/s10854-014-1739-z</p> <p>32. Fluctuation conductivity and pseudogap in HoBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals under pressure with transport current flowing under an angle 45° to the twin boundaries // <i>Physica C</i> 501 (2014) p. 24-31 <a href="http://dx.doi.org/10.1016/j.physc.2014.03.004">http://dx.doi.org/10.1016/j.physc.2014.03.004</a>.</p> <p>33. Effect of praseodymium on the electrical resistance of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Solid State Communications</i>, Volume 190, July 2014, Pages 18–22 (Available online 12 April 2014) <a href="http://dx.doi.org/10.1016/j.ssc.2014.04.004">http://dx.doi.org/10.1016/j.ssc.2014.04.004</a></p> <p>34. Transverse conductivity in Y<sub>1-y</sub>PryBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Material Research Express</i> 1 (2014) 026303 doi:10.1088/2053-1591/1/2/026303.</p> <p>35. Phase segregation and the effect of high pressure on the electro-transport in Y<sub>0.95</sub>Pr<sub>0.05</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Mod. Phys. Lett. B</i> 28, 1450142 (2014) [8 pages] DOI: 10.1142/S0217984914501425.</p> <p>36. Transverse resistance in Y<sub>1-y</sub>PryBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> at large praseodymium concentrations // <i>Physica B</i> 451, (2014), Pages 84-86.</p> <p>37. Transverse conductivity in PrY<sub>1-y</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals in wide range of praseodymium concentration / <i>Appl. Phys. A</i> (2014) 117: 997-1002 DOI: 10.1007/s00339-014-8670-2.</p> <p>38. Evolution of the electrical resistance of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals in the course of long-term aging // <i>J Mater Sci : Mater Electron</i> (2014) 25: 5226-5230 DOI 10.1007/s10854-014-2292-5.</p> <p>39. Effect of high pressure on the fluctuation paraconductivity in Y<sub>0.95</sub>Pr<sub>0.05</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Current Applied Physics</i> 14 (2014) 1779-1782.</p> <p>40. Conductivity anisotropy in Y<sub>1-y</sub>PryBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals in a wide range of praseodymium concentrations // <i>Mod. Phys. Lett. B</i> 28, № 31 (2014) 1450245 DOI: 10.1142/S0217984914502455.</p> <p>41. Structure lamination influence on the magnetic flux dynamics in the YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Functional Materials</i> 21, №1 (2014) p. 5-9.</p>		
--	--	--	---	--	--



			<p>42. Проводимость монокристаллов <math>Y_{1-y}Pr_yBa_2Cu_3O_{7-\delta}</math> в широком интервале температур и концентраций Pr // ФНТ, том 40, № 6, с. 630-635 (2014).</p> <p>43. Scattering of electrons in oxygen underdoped <math>YBa_2Cu_3O_{7-x}</math> single crystals // Functional Materials 21, №2 (2014) p. 137-141.</p> <p>44. Влияние давления на критическую температуру монокристаллов <math>Y_{0.95}Pr_{0.05}Ba_2Cu_3O_{7-\delta}</math> с заданной геометрией плоских дефектов // ФНТ, том 40, № 8, с. 900-903 (2014).</p> <p>45. Электротранспорт и устойчивость кислородной подсистемы монокристаллов <math>YBa_2Cu_3O_{7-\delta}</math> при длительной выдержке в воздухе // ФНТ, том 40, № 12, с. 1343-1347 (2014).</p> <p>46. Aging-effect in optimal doped <math>YBa_2Cu_3O_{7-\delta}</math> single crystals // Functional Materials 21, №4 (2014) p. 394-398.</p> <p>47. Effect of defects on the basal-plane resistivity of <math>YBa_2Cu_3O_{7-\delta}</math> and <math>Y_{1-y}Pr_yBa_2Cu_3O_{7-\delta}</math> single crystals // Journal of Materials Science: Materials in Electronics (2015) 26: PP. 1435 - 1440 DOI 10.1007/s10854-014-2558-y</p> <p>48. Resistive measurements of the pseudogap in lightly Pr-doped <math>Y_{1-y}Pr_yBa_2Cu_3O_{7-\delta}</math> single crystals under high hydrostatic pressure // Solid State Communication 204 (2015) 64-66.</p> <p>49. <u>Effect of Long Aging on the Resistivity Properties of Optimally Doped <math>YBa_2Cu_3O_{7-\delta}</math> Single Crystals</u> // IEEE Transactions on <u>Applied Superconductivity</u>, Volume 25, № 3, JUNE 2015, Page(s): 6800704 DOI: <a href="https://doi.org/10.1109/TASC.2014.2369745">10.1109/TASC.2014.2369745</a>.</p> <p>50. Transverse resistance of <math>YBa_2Cu_3O_{7-\delta}</math> single crystals // Current Applied Physics (2015) Volume 15, Issue 5, May 2015, Pages 617–621 DOI: <a href="https://doi.org/10.1016/j.cap.2015.02.016">10.1016/j.cap.2015.02.016</a>.</p> <p>51. Modeling self-diffusion in <math>UO_2</math> and <math>ThO_2</math> by connecting point defect parameters with bulk properties // Solid State Ionics 274 (2015) 1-3.</p> <p>52. Silicon diffusion in germanium described by connecting point defect parameters with bulk properties // Mater. Res. Express 2 (2015) 036301 doi:10.1088/2053-1591/2/3/036301.</p> <p>53. Modeling indium diffusion in germanium by connecting point defect parameters with bulk properties // Journal of Materials Science: Materials in Electronics (2015) 26:2113-2116 DOI 10.1007/s10854-014-2655-y.</p> <p>54. Connecting bulk properties of germanium with the behavior of self- and dopant diffusion // Materials Science in Semiconductor Processing 36 (2015) 179-183 doi:10.1016/j.mssp.2015.03.053.</p> <p>55. Effect of structural relaxation on the metal-insulation transition in heavily underdoped <math>YBa_2Cu_3O_{7-\delta}</math> single crystals // JLTP (2015) 180: p. 227-283 DOI 10.1007/s10909-015-1304-z.</p> <p>56. Influence of planar and point defects on the basal-plane conductivity of <math>HoBaCuO</math> single crystals // Physica C 516 (2015) p.p. 58-61 doi:10.1016/j.physc.2015.06.011.</p> <p>57. Copper diffusion in germanium: connecting point defect parameters with bulk properties // Journal of Materials Science: Materials in Electronics (2015) 26: 2693-2696.</p> <p>58. Palladium diffusion in germanium // Journal of Materials Science: Materials in Electronics (2015) 26: 3787-3789.</p> <p>59. Oxygen diffusion in germanium: interconnecting point defect</p>		
--	--	--	---	--	--

			<p>parameters with bulk properties // Journal of Materials Science: Materials in Electronics (2015) 26: 7378-7380.</p> <p>60. Effect of high pressure on the conductivity in the basal plane of the lightly doped single crystals of praseodymium Y1-xPrxBa2Cu3O7-<math>\delta</math> // Functional Materials 22, №1 (2015) p.5-13.</p> <p>61. Влияние высокого давления на сверхпроводящий переход интеркалированных дейтерием монокристаллов 2H-NbSe2 // ФНТ, том 41, №7, с.660-663 (2015).</p> <p>62. Поперечное электрическое сопротивление и анизотропия сопротивления монокристаллов YBa2Cu3O7-<math>\delta</math> при различных значениях кислородного дефицита. // ФНТ, том 41, №11, с. 1119-1125 (2015).</p> <p>63. Transverse resistance in HoBa2Cu3O7-<math>\delta</math> single crystals // Mod. Phys. Lett. B Vol.30 (2016) 1550232 DOI: 10.1142/S0217984915502322.</p> <p>64. Excess conductivity and the pseudogap state in Hf-doped YBa2Cu3O7-<math>\delta</math> ceramics // Mod. Phys. Lett. B Vol. 30 (2016) 1650034 (9 pages) DOI: 10.1142/S0217984916500342.</p> <p>65. Electric charge transfer and scattering of its carriers in cuprates of the 1-2-3 system // J Low Temp Phys (2016) 183: 59-68 DOI 10.1007/s10909-016-1513-0.</p> <p>66. Controlling A-center concentration in silicon through isovalent doping: mass action analysis // Journal of Materials Science: Materials in Electronics (2016) V.27, N5: p.p. 4385-4391 DOI 10.1007/s10854-016-4308-9.</p> <p>67. Hydrostatic-pressure effects on the pseudogap in slightly doped YBa2Cu3O7-<math>\delta</math> single crystals // Physica B 493 (2016) 58-67.</p> <p>68. Peculiarities in the pseudogap behavior in optimally doped YBa2Cu3O7-<math>\delta</math> single crystals under pressure up to 1 GPa // Current Applied Physics 16 (2016) 931-938.</p> <p>69. Modification of superconducting and resistive properties of HoBa2Cu3O7-<math>\delta</math> single crystals under application-removal of high hydrostatic pressure // Mod. Phys. Lett. B 30, №17 (2016) 1650188.</p> <p>70. Modification by high pressure of fluctuation paraconductivity of underdoped HoBa2Cu3O7-<math>\delta</math> single crystals // <u>Journal of Materials Science: Materials in Electronics</u> (2016) Volume 27, <u>Issue 8</u>, pp 8013-8019 DOI 10.1007/s10854-016-4797-6.</p> <p>71. Relative concentrations of carbon related defects in silicon. // Journal of Materials Science: Materials in Electronics (2016) 27: 11268-11272 DOI 10.1007/s10854-016-5249-z.</p> <p>72. Physical properties of the recently discovered Zr2(Al1-xBix)C MAX phases // Journal of Materials Science: Materials in Electronics (2016) 27: 11925-11933 DOI 10.1007/s10854-016-5338-z.</p> <p>73. Fluctuation conductivity and possible pseudogap state in FeAs-based superconductor ErFeAsO0.85F0.15 // <u>Materials Research Express</u> (2016), Volume 3, Number 7, 076001 doi:10.1088/2053-1591/3/7/076001.</p> <p>74. Specific temperature dependence of pseudogap in YBa2Cu3O7-<math>\delta</math> nanolayers // Physical Review B 94, 224505 (2016).</p> <p>75. Conductivity YBCO ceramics in a wide range of temperatures and concentrations of impurities hafnium // Functional Materials 23, №1 (2016) p.21-26.</p> <p>76. Effect of longitudinal magnetic field on the excess conductivity of</p>	
--	--	--	---	--

			<p>monodomain YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Functional Materials</i> 23, №2 (2016) p.170-173.</p> <p>77. Роль двойников в изменении характеристик проводимости монокристаллов HoBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> при обратимом изменении гидростатического давления // <i>ФНТ</i> (2016) т.42, №9 с. 943-950.</p> <p>78. Одноканальная диффузия ионов кислорода в соединении YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-х</sub> в тетрагональной фазе // <i>ФНТ</i> (2016) т.42, №10, с. 1192-1197.</p> <p>79. Effect of pressure on paraconductivity in HoBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals with oxygen deficiency // <i>Functional Materials</i>, 23, N3 (2016), p. 370-377. doi:<a href="http://dx.doi.org/10.15407/fm23.03.370">http://dx.doi.org/10.15407/fm23.03.370</a></p> <p>80. Effect of the hafnium impurities on the magnetoresistance in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> // <i>JLTP</i> (2017) 186: 285-293 DOI 10.1007/s10909-016-1703-9.</p> <p>81. Gold and silver diffusion in germanium: a thermodynamic approach. // <i>Journal of Materials Science: Materials in Electronics</i> (2017) 28: 1966-1970 DOI 10.1007/s10854-016-5750-4.</p> <p>82. Electrophysical properties of nanoporous cerium dioxide–water system // <i>Journal of Materials Science: Materials in Electronics</i> (2017) 28: 2157-2159 DOI 10.1007/s10854-016-5780-y.</p> <p>83. Zero-Bias Shapiro Steps in Asymmetric Pinning Nanolandscapes // <i>J Supercond Nov Magn</i> (2017) 30: 735-741 doi:10.1007/s10948-016-3642-8.</p> <p>84. Effect of hydrostatic pressure on the conductivity of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals in a broad range of temperature and oxygen content // <i>Solid State Communications</i> 255-256 (2017) 20-23.</p> <p>85. Different diffusion mechanisms of oxygen in ReBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-х</sub> (Re = Y, Ho) single crystals // <i>Physica C</i> 536 (2017) 26-29.</p> <p>86. Relaxation of the electric resistance in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-х</sub> single crystals at room temperature // <i>MPLB Vol.31, №16</i> (2017) 17501179 (5 pages) DOI: 10.1142/S0217984917501792.</p> <p>87. Conductivity relaxation in strongly underdoped YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals / <i>Physica B</i> 518 (2017) p.p. 47-50 <a href="http://dx.doi.org/10.1016/j.physb.2017.05.020">http://dx.doi.org/10.1016/j.physb.2017.05.020</a></p> <p>88. Elastic and Thermodynamic Properties of new (Zr<sub>3-х</sub>Ti<sub>х</sub>)AlC<sub>2</sub> MAX-Phase solid solutions // <i>Computation Materials Science</i> 137 (2017) 318-326.</p> <p>89. The CiOi(SiI)<sub>2</sub> defect in silicon: Density functional theory calculations // <i>Journal of Materials Science: Materials in Electronics</i> (2017) 28: 10295-10297 DOI 10.1007/s10854-017-6797-6.</p> <p>90. Toward defect engineering strategies to optimize energy and electronic materials // <i>Applied Sciences</i> (2017) 674 doi:10.3390/app7070674.</p> <p>91. Order-disorder transition suppression in Ti-doped YBaCuO compounds // <i>Journal of Materials Science: Materials in Electronics</i> 28, №15, p.p.11415–11419 (2017) DOI: 10.1007/s10854-017-6936-0.</p> <p>92. Diffusion of the superconducting transition in HTSC // <i>Journal of Materials Science: Materials in Electronics</i> (2017) 28: 10862-10865 DOI: 10.1007/s10854-017-6864-z.</p> <p>93. Effect of electron irradiation on the pseudogap temperature dependence of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals // <i>Journal of Materials Science: Materials in Electronics</i> (2017) (2017) 28: 15886-15890 DOI: 10.1007/s10854-017-7483-4.</p> <p>94. Mobile fluxons as coherent probes of periodic pinning in superconductors // <i>Scientific Reports</i> 7:13740/ DOI:10.1038/s41598-017-14232-</p>		
--	--	--	---	--	--

			<p>z.</p> <p>95. Impact of isovalent doping on the formation of the <math>\text{CiO}_i(\text{SiI})_n</math> defects in silicon // <i>Solid State Communications</i> 263 (2017) 19-22  <a href="http://dx.doi.org/10.1016/j.ssc.2017.06.010">http://dx.doi.org/10.1016/j.ssc.2017.06.010</a>.</p> <p>96. Diffusion coalescence in <math>\text{HoBa}_2\text{Cu}_3\text{O}_{7-x}</math> single crystals under the application of hydrostatic pressure // <i>Mater. Res. Express</i> 4 (2017) 096001  <a href="http://doi.org/10.1088/2053-1591/aa88f3">http://doi.org/10.1088/2053-1591/aa88f3</a>.</p> <p>97. Peculiarities of Obtaining Diamond–(Fe-Cu-Ni-Sn) Composite Materials by Hot Pressing // <i>Functional Materials</i>, 24, №1 (2017), p. 31-45.</p> <p>98. Псевдошель и флуктуационная проводимость в монокристалле <math>\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}</math> с разной концентрацией празеодима // <i>ФНТ</i> (2017) т.43, №7, с. 1050-1058.</p> <p>99. Размытие сверхпроводящего перехода в монокристалле Y-Ba-Cu-O // <i>ФНТ</i> (2017) т.43, №9, с. 1396-1399.</p> <p>100. Single-file diffusion in oxygen underdoped <math>\text{ReBa}_2\text{Cu}_3\text{O}_{7-x}</math> (Re=Y,Ho) single crystals // <i>Functional Materials</i>, 24, №4 (2017), p. 527-529.</p> <p>101. Electro and heat transfer in <math>\text{Cd}_0.22\text{Hg}_{0.78}\text{Te}</math> single crystals in the temperature range of their practical applications // <i>Journal of Low Temperature Physics</i> (2018), Volume 190, Issue 1–2, pp 39–44 DOI 10.1007/s10909-017-1810-2.</p> <p>102. Room-temperature annealing effects on the basal-plane resistivity of optimally doped <math>\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}</math> single crystals. / <i>Physica C</i> 545 (2018) 14-17  <a href="https://doi.org/10.1016/j.physc.2017.11.015">https://doi.org/10.1016/j.physc.2017.11.015</a>.</p> <p>103. Quenching and room-temperature annealing effects on the conductivity of underdoped <math>\text{HoBa}_2\text{Cu}_3\text{O}_{7-\delta}</math> // <i>MPLB Vol.32</i>, №1 (2018) 1750367 (11 pages)  DOI: 10.1142/S0217984917503675.</p> <p>104. Enhanced oxygen diffusion in nano-structured ceria // <i>Journal of Materials Science: Materials in Electronics</i> (2018) 29: 4743-4748  <a href="https://doi.org/10.1007/s10854-017-8430-0">https://doi.org/10.1007/s10854-017-8430-0</a>.</p> <p>105. Isovalent doping and the <math>\text{CiO}_i</math> defect in germanium // <i>Journal of Materials Science: Materials in Electronics</i> (2018) 29:4261-4265  <a href="https://doi.org/10.1007/s10854-017-8372-6">https://doi.org/10.1007/s10854-017-8372-6</a>.</p> <p>106. Influence of annealing on the electrical resistance of <math>\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}</math> single crystals / <i>Journal of Materials Science: Materials in Electronics</i> (2018) 29:6601-6606 <a href="https://doi.org/10.1007/s10854-018-8644-9">https://doi.org/10.1007/s10854-018-8644-9</a>.</p> <p>107. Annealing Effect on the Normal-State Resistive Properties of Underdoped Cuprates // <i>J Low Temp Phys</i> (2018) 191: 184-193  <a href="https://doi.org/10.1007/s10909-018-1856-9">https://doi.org/10.1007/s10909-018-1856-9</a>.</p> <p>108. Radiofrequency generation by coherently moving fluxons / <i>Appl. Phys. Lett.</i> 112, 152601–1-5 (2018) <a href="https://arxiv.org/abs/1804.00856">arXiv:1804.00856</a>.</p> <p>109. Effect of electron irradiation on the fluctuation conductivity in <math>\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}</math> single crystals // <i>Journal of Materials Science: Materials in Electronics</i> (2018) 29: 7725-7729 <a href="https://doi.org/10.1007/s10854-018-8768-y">https://doi.org/10.1007/s10854-018-8768-y</a>.</p> <p>110. Charge and heat transfer of the <math>\text{Ti}_3\text{AlC}_2</math> MAX phase // <i>Journal of Materials Science: Materials in Electronics</i> (2018) 29: 11478-11481  <a href="https://doi.org/10.1007/s10854-018-9242-6">https://doi.org/10.1007/s10854-018-9242-6</a>.</p> <p>111. The <math>\text{CiCs}(\text{SiI})_n</math> defect in silicon from a density functional theory perspective // <i>Materials (Basel)</i>. (2018) 11(4): 612. doi:<a href="https://doi.org/10.3390/ma11040612">10.3390/ma11040612</a>.</p> <p>112. Effect of electron irradiation and Pr doping on the charge transport in</p>		
--	--	--	--	--	--

				<p>YBCO single crystals // <i>Solid State Communications</i> 282 (2018) p.5-8  <a href="https://doi.org/10.1016/j.ssc.2018.07.005">https://doi.org/10.1016/j.ssc.2018.07.005</a>.</p> <p>113. Role of magnons and the size effect in heat transport through an insulating ferromagnet/insulator interface // <i>PRB</i> 98, 224403 (2018) DOI: 10.1103/PhysRevB.98.224403.</p> <p>114. Перераспределение ионов кислорода в монокристаллах <math>YBa_2Cu_3O_{7-x}</math>, обусловленное внешним гидростатическим давлением // <i>ФНТ</i> (2018) т.44, №1, с. 53-58.</p> <p>115. Электротранспорт и псевдощель в ВТСП-соединениях системы 1-2-3 в условиях всестороннего сжатия // (Обзор) <i>ФНТ</i> (2018) т.44, №2, с.111-153.</p> <p>116. Некоторые особенности кинетики лабильного кислорода в слабодопированных монокристаллах <math>YBa_2Cu_3O_{7-x}</math> // <i>ФНТ</i> (2018) т.44, №4, с.455-458.</p> <p>117. Investigation of structure and properties of composite material <math>Al_2O_3-SiC</math> obtained by electroconsolidation process // <i>Functional Materials</i>, 25, №1 (2018), p. 43-47.</p> <p>118. Structure and properties of solid BK6-OM alloy after electrosintering // <i>Functional Materials</i>, 25, №2 (2018), p.267-273.</p> <p>119. Effect of electron irradiation on excess conductivity of single <math>Y_1Ba_2Cu_3O_{7-\delta}</math> crystals // <i>Functional Materials</i>, 25, №2 (2018), p.234-240.</p> <p>120. Электро- и теплопроводность МАХ-фазы <math>Ti_3AlC_2</math> при низких температурах // <i>ФНТ</i> (2018), т.44, №5, с.589-591.</p> <p>121. Влияние облучения электронами на рассеяние носителей заряда в монокристаллах <math>YBa_2Cu_3O_{7-\delta}</math> // <i>ФНТ</i> (2018), т.44, №8, с.1100-1103.</p> <p>122. Некоторые особенности длинноимпульсного режима распространения фононного листа в сверхтекучем <math>4He</math> // <i>ФНТ</i> (2018), т.44, №10, с.1353-1357.</p> <p>123. Thermal and crack resistance of ceramics based on the MAX phase <math>Ti_3AlC_2</math> // <i>FM</i>, 25, №4 (2018), p. 708-712.</p>		
Фізичний	Кафедра фізики низьких температур	Шкловський Валерій Олександрович	34	<ol style="list-style-type: none"> <li>1. Role of magnons and the size effect in heat transport through an insulating ferromagnet/insulator interface 2018 <i>Physical Review B</i> 98(22)</li> <li>2. Microwave emission from superconducting vortices in Mo/Si superlattices 2018 <i>Nature Communications</i> 9(1)</li> <li>3. Nonlinear relaxation between magnons and phonons in insulating ferromagnets 2018 <i>Physical Review B</i> 98(10)</li> <li>4. Kinetics of electron cooling in metal films at low temperatures and revision of the two-temperature model 2018 <i>Journal of Physics Condensed Matter</i> 30(29)</li> <li>5. Radiofrequency generation by coherently moving fluxons 2018 <i>Applied Physics Letters</i> 112(15)</li> <li>6. Hot electrons in metal films at low temperatures (Review) 2018 <i>Low Temperature Physics</i> 44(3), pp. 165-183</li> <li>7. Hot electrons in metal films at low temperatures 2018 <i>Fizika Nizkikh Temperatur</i> 44(3), pp. 221-243</li> <li>8. Mobile fluxons as coherent probes of periodic pinning in superconductors 2017 <i>Scientific Reports</i> 7(1)</li> <li>9. Pinning effects on hot-electron vortex flow instability in</li> </ol>		

			<p>superconducting films 2017 Physica C: Superconductivity and its Applications 538, pp. 20-26</p> <p>10. Pinning effects on flux flow instability in epitaxial Nb thin films 2017 Superconductor Science and Technology 30(8)</p> <p>11. Pinning effects on self-heating and flux-flow instability in superconducting films near Tc 2017 Physical Review B 95(18)</p> <p>12. Zero-Bias Shapiro Steps in Asymmetric Pinning Nanolandscapes 2017 Journal of Superconductivity and Novel Magnetism 30(3), pp. 735-741</p> <p>13. High-frequency large-amplitude oscillations of a non-isothermal N/S boundary 2016 Low Temperature Physics 42(10), pp. 905-915</p> <p>14. Oscillations of non-isothermal N/S boundary with a high frequency and large amplitude 2016 Fizika Nizkikh Temperatur 42(10), pp. 1154-1166</p> <p>15. The role of conduction electrons in the formation of thermal boundary resistance of the metal-dielectric interface and resistivity of metal films, at low temperatures 2016 Low Temperature Physics 42(8), pp. 636-660</p> <p>16. The role of the conduction electrons in the formation of a thermal boundary resistance of the metal-dielectric interface and resistivity of the metal films at low temperatures 2016 Fizika Nizkikh Temperatur 42(8), pp. 809-840</p> <p>17. Interplay of flux guiding and Hall effect in Nb films with nanogrooves 2016 Superconductor Science and Technology 29(6)</p> <p>18. Alternating current-driven microwave loss modulation in a fluxonic metamaterial 2015 Applied Physics Letters 107(16)</p> <p>19. Guided vortex motion and ratchet effect in an anisotropic superconductor with a periodic pinning potential 2015 Low Temperature Physics 40(12), pp. 1048-1057</p> <p>20. Stochastic resonance of vortices in a washboard pinning potential 2014 Physica C: Superconductivity and its Applications 503, pp. 128-131</p> <p>21. Energy relaxation times in metal films from the response of electrical conductivity to periodic heating 2014 Physical Review B - Condensed Matter and Materials Physics 89(21)</p> <p>22. Vortex ratchet reversal in an asymmetric washboard pinning potential subject to combined dc and ac stimuli 2014 Journal of Physics Condensed Matter 26(2)</p> <p>23. The guided vortex motion and the ratchet effect in an anisotropic superconductor with a periodic pinning potential 2014 Fizika Nizkikh Temperatur 40(12), pp. 1348-1359</p> <p>24. DC to AC converter on Abrikosov vortices in a washboard pinning potential 2014 Journal of Physics: Conference Series 507(PART 1)</p> <p>25. Material composition - Pinning strength correlation in Nb thin films with focused ion beam-milled washboard nanostructures 2013 Physica C: Superconductivity and its Applications 494, pp. 102-105</p> <p>26. Dynamics of electron temperature and the relaxation times of electron-phonon system of a metal film 2013 Low Temperature Physics 39(4), pp. 357-364</p> <p>27. The dynamics of electron temperature and the relaxation times of electron-phonon system of a metal film 2013 Fizika Nizkikh Temperatur 39(4), pp. 459-468</p> <p>28. Determination of coordinate dependence of a pinning potential</p>		
--	--	--	---	--	--

				<p>from a microwave experiment with vortices 2013 Low Temperature Physics 39(2), pp. 120-124</p> <p>29. Determination of the coordinate dependence of a pinning potential from the microwave experiment with vortices 2013 Fizika Nizkikh Temperatur 39(2), pp. 162-167</p> <p>30. Noise-assisted microwave up-conversion by vortices in thin-film superconductors with a dc-biased washboard pinning potential 2013 Journal of Superconductivity and Novel Magnetism 26(5), pp. 2079-2083</p> <p>31. Electrical transport and pinning properties of Nb thin films patterned with focused ion beam-milled washboard nanostructures 2012 New Journal of Physics 14</p> <p>32. Current-controlled filter on superconducting films with a tilted washboard pinning potential 2012 Physics Procedia 36, pp. 9-12</p> <p>33. Nonadiabatic ratchet effect in superconducting films with a tilted cosine pinning potential 2012 Journal of Physics: Conference Series 400(PART 2)</p> <p>34. Fluxonic properties of vortices in a washboard pinning potential fabricated by focused particle beam techniques 2012 Acta Physica Polonica A 121(1), pp. 82-84</p>		
Фізичний	Кафедра фізики низьких температур	Хаджай Георгій Ярославич	49	<p>1. Эволюция нормального электросопротивления монокристаллов <math>YBa_2Cu_3O_{7-\delta}</math> с <math>\delta \approx 0.45</math> в процессе приложения высокого гидростатического давления. ФНТ, 2012, т. 38, № 3, p. 323-326; Low Temperature Physics, 2012, v. 38, № 3, p.</p> <p>2. Relaxation of the normal electrical resistivity induced by high-pressure in strongly underdoped <math>YBa_2Cu_3O_{7-\delta}</math> single crystals. Physica B, 2012, v. 407, № 22, 4470–4472.</p> <p>3. Evolution of normal electrical resistance in oxygen underdoped <math>Ho_{1-x}Ba_2Cu_3O_{7-\delta}</math> single crystals in the process of application-removal of high hydrostatic pressure. Functional Materials, 2012, 19, № 4, 452–458.</p> <p>4. Индуцированная высоким давлением релаксация электросопротивления монокристаллов <math>YBa_2Cu_3O_{7-\delta}</math> Low Temperature Physics / Физика низких температур, 2013, т. 39, № 6, с. 684–689</p> <p>5. Effect of high pressure on the electrical resistivity of optimally doped <math>YBa_2Cu_3O_{7-\delta}</math> single crystals with unidirectional planar defects. Physica B, 2013, v. 422, 33–35</p> <p>6. Fluctuation conductivity of oxygen underdoped <math>YBa_2Cu_3O_{7-x}</math> single crystals. Physica B, 2014, v. 436, p. 88–90</p> <p>7. Scattering of electrons in oxygen underdoped <math>YBa_2Cu_3O_{7-x}</math> single crystals. Functional Materials, 2014, 21, № 2, 1–5.</p> <p>8. Проводимость монокристаллов <math>Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}</math> в широком интервале температур и концентраций Pr. ФНТ, 2014, т. 40, № 6, с. 630–635.</p> <p>9. Transverse conductivity in <math>Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}</math> single crystals. Materials Research Express 1 (2014) 026303 doi:10.1088/2053-1591/1/2/026303</p> <p>10. Влияние давления на критическую температуру монокристаллов <math>Y_{0.95}Pr_{0.05}Ba_2Cu_3O_{7-\delta}</math> с заданной геометрией плоских дефектов. Физика низких температур, 2014, т. 40, № 8, с.</p> <p>11. Phase segregation and the effect of high pressure on the electro-transport in <math>Y_{0.95}Pr_{0.05}Ba_2Cu_3O_{7-\delta}</math> single crystals. Modern Physics Letters B, Vol. 28, No. 17 (2014) 1450142</p>		

			<p>12. Transverse resistance in <math>Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}</math> at large praseodymium concentrations. <i>Physica B</i> 451 (2014) 84–86</p> <p>13. Transverse conductivity in <math>Pr_yY_{1-y}Ba_2Cu_3O_{7-\delta}</math> single crystals in a wide range of praseodymium concentrations. <i>Appl. Phys. A</i> (2014) 117:997–1002 DOI 10.1007/s00339-014-8670-2 INVITED PAPER</p> <p>14. Электротранспорт и устойчивость кислородной подсистемы монокристаллов <math>YBa_2Cu_3O_{7-\delta}</math> при длительной выдержке в воздухе. <i>ФНТ</i>, том 40, № 12, 2014.</p> <p>15. Effect of high pressure on the fluctuation paraconductivity in <math>Y_{0.95}Pr_{0.05}Ba_2Cu_3O_{7-\delta}</math> single crystals. <i>Current Applied Physics</i>, 14, 2014, 1779-1782</p> <p>16. Conductivity anisotropy in <math>Y_{1-y}Pr_yBa_2Cu_3O_{7-\delta}</math> single crystals in a wide range of praseodymium concentrations. <i>MPLB-D-14-00469</i> Sep 11, 2014, Nov 13, 2014.</p> <p>17. Effect of defects on the basal-plane resistivity of <math>YBa_2Cu_3O_{7-\delta}</math> and <math>Y_{1-y}Pr_yBa_2Cu_3O_{7-x}</math> single crystals. <i>JMSE-D-14-01357</i>, 2014</p> <p>18. Effect of high pressure on the conductivity in the basal plane of the lightly doped single crystals of praseodymium <math>Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}</math>. <i>Functional Materials</i>, 22, №1, (2015) p. 5–13.</p> <p>19. Influence of planar and point defects on the basal-plane conductivity of <math>HoBaCuO</math> single crystals. <i>Physica C</i> 515, 58–61 (2015)</p> <p>20. Transverse resistance of <math>YBa_2Cu_3O_{7-\delta}</math> single crystals. <i>Current Appl. Phys.</i> 15, 617–621 (2015)</p> <p>21. Effect of defects on the basal-plane resistivity of <math>YBa_2Cu_3O_{7-\delta}</math> and <math>Y_{1-y}Pr_yBa_2Cu_3O_{7-x}</math> single crystals // <i>J. Mater. Sci: Mater. Electron.</i> 26, 1435–1440 (2015)</p> <p>22. Resistive measurements of the pseudogap in lightly Pr-doped <math>Y_{1-x}Pr_xBa_2Cu_3O_{7-\delta}</math> single crystals under high hydrostatic pressure. <i>Solid State Commun.</i> 204, 64–66 (2015)</p> <p>23. Поперечное электрическое сопротивление и анизотропия сопротивления монокристаллов <math>YBa_2Cu_3O_{7-\delta}</math> при различных значениях кислородного дефицита. <i>ФНТ</i>, том 41, № 11, с. 1119-1125 (2015).</p> <p>24. Transvers resistance in <math>HoBa_2Cu_3O_{7-\delta}</math> single crystals. <i>Mod. Phys. Lett. B</i>, V. 30 (2016) 1550232 (8 pages) DOI: 10.1142/S0217984915502322.</p> <p>25. Electric charge transfer and scattering of its carriers in cuprates of the 1-2-3 system. <i>J Low Temp Phys</i> (2016) 183: 59-68 DOI 10.1007/s10909-016-1513-0.</p> <p>26. Modification of superconducting and resistive properties of <math>HoBa_2Cu_3O_{7-\delta}</math> single crystals under application-removal of high hydrostatic pressure. <i>Mod. Phys. Lett. B</i> 30, №17 (2016) 1650188 (11 pages).</p> <p>27. Electrophysical properties of nanoporous cerium dioxide–water system. <i>MSME</i> (accepted) DOI 10.1007/s10854-016-5780-y.</p> <p>28. Роль двойников в изменении характеристик проводимости монокристаллов <math>HoBa_2Cu_3O_{7-\delta}</math> при обратимом изменении гидростатического давления. <i>ФНТ</i> (2016) т. 42, № 9 с. 943-950.</p> <p>29. Одноканальная диффузия ионов кислорода в соединении <math>YBa_2Cu_3O_{7-x}</math>. <i>Физика низких температур</i>, 2016, т. 42, № 10, с. 1192–1197</p> <p>30. Diffusion coalescence in <math>HoBa_2Cu_3O_{7-x}</math> single crystals under the application of hydrostatic pressure. <i>Mater. Res. Express</i>, 4, № 9, 096001- 096101</p>		
--	--	--	---	--	--



			<p>(2017) doi.org/10.1088/2053-1591/aa88f3</p> <p>31. Размытие сверхпроводящего перехода в монокристалле Y–Ba–Cu–O. Физика низких температур, 2017, т. 43, № 9, с. 1396–1399</p> <p>32. Effect of electron irradiation on the pseudogap temperature dependence of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7–δ</sub> single crystals. Journal of Materials Science: Materials in Electronics, 2017, т. 28, № 21, pp 15886–15890</p> <p>33. Quenching and room-temperature annealing effects on the conductivity of underdoped HoBa<sub>2</sub>Cu<sub>3</sub>O<sub>7–δ</sub>. Modern Physics Letters B, V. 32, № 1 (2018) 1750367. DOI: 10.1142/S0217984917503675.</p> <p>34. Influence of hydrostatic pressure on the conductivity of YBa<sub>2</sub>Cu<sub>3</sub> single crystals in a broad range of temperatures and oxygen content. Physica B: Condensed Matter. Available online 18 March 2017 <a href="https://doi.org/10.1016/j.physb.2017.03.026">https://doi.org/10.1016/j.physb.2017.03.026</a></p> <p>35. Перераспределение ионов кислорода в монокристаллах YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7–x</sub>, обусловленное внешним гидростатическим давлением. Low Temperature Physics /Физика низких температур, 2018, т. 44, № 1, с. 53–58</p> <p>36. Electro- and Heat Transfer in Cd<sub>0.22</sub>Hg<sub>0.78</sub>Te Single Crystals in the Temperature Range of Their Practical Applications. J Low Temp Phys (2018) 190: 39–44 <a href="https://doi.org/10.1007/s10909-017-1810-2">https://doi.org/10.1007/s10909-017-1810-2</a></p> <p>37. Некоторые особенности кинетики лабильного кислорода в слабодопированных монокристаллах YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7–x</sub>. Low Temperature Physics / Физика низких температур, 2018, т. 44, № 4, с. 455–458</p> <p>38. Enhanced oxygen diffusion in nano-structured ceria. Journal of Materials Science: Materials in Electronics (2018) 29, № 6, p. 4743–4748 <a href="https://doi.org/10.1007/s10854-017-8430-0">https://doi.org/10.1007/s10854-017-8430-0</a></p> <p>39. Электро- и теплопроводность MAX-фазы Ti<sub>3</sub>AlC<sub>2</sub> при низких температурах. Физика низких температур, 2018, т. 44, № 5, с. 589–591. Low Temperature Physics 44, 451 (2018); <a href="https://doi.org/10.1063/1.5034158">https://doi.org/10.1063/1.5034158</a></p> <p>40. Influence of annealing on the electrical resistance of YBCO single crystals. Journal of Materials Science: Materials in Electronics (2018) 29:6601–6606 <a href="https://doi.org/10.1007/s10854-018-8644-9">https://doi.org/10.1007/s10854-018-8644-9</a></p> <p>41. Annealing Effects on the Normal-State Resistive Properties of Underdoped Cuprates. J Low Temp Phys (2018) 191:184–193 <a href="https://doi.org/10.1007/s10909-018-1856-9">https://doi.org/10.1007/s10909-018-1856-9</a></p> <p>42. Влияние облучения электронами на рассеяние носителей заряда в монокристаллах YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7–δ</sub>. ФНТ, 2018, том 44, № 8, с. 1100–1103</p> <p>43. Effect of electron irradiation and Pr doping on the charge transport in YBCO single crystals. Solid State Communications, v. 282 (2018), p. 5–8</p> <p>44. Some peculiarities of labile oxygen kinetics in underdoped single crystals of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> // Low Temperature Physics 44, 346 (2018); <a href="https://doi.org/10.1063/1.5030463">https://doi.org/10.1063/1.5030463</a></p> <p>45. Redistribution of oxygen ions in single crystal YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> owing to external hydrostatic pressure. Low Temperature Physics 44, 41 (2018); <a href="https://doi.org/10.1063/1.5020895">https://doi.org/10.1063/1.5020895</a></p> <p>46. Effect of electron irradiation on the fluctuation conductivity in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7–δ</sub> single crystals. Journal of Materials Science: Materials in Electronics, 29(9), с. 7725–7729 (2018). <a href="https://doi.org/10.1007/s10854-018-8768-y">https://doi.org/10.1007/s10854-018-8768-y</a></p> <p>47. Room-temperature annealing effects on the basal-plane resistivity of</p>		
--	--	--	--	--	--

				<p>optimally doped YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> single crystals. <i>Physica C: Superconductivity and its Applications</i> 545, с. 14-17 (2018) <a href="https://doi.org/10.1016/j.physc.2017.11.015">https://doi.org/10.1016/j.physc.2017.11.015</a></p> <p>48. Charge and heat transfer of the Ti<sub>3</sub>AlC<sub>2</sub> MAX phase. <i>Journal of Materials Science: Materials in Electronics</i>, 2018, 29(13), с. 11478-11481. <a href="https://doi.org/10.1007/s10854-018-9242-6">https://doi.org/10.1007/s10854-018-9242-6</a></p> <p>49. Effect of electron irradiation on excess conductivity of single Y1Ba2Cu3O7-δ crystals. <i>Functional Materials</i> 25(2), с. 234-240 (2018) <a href="https://doi.org/10.15407/fm25.02.234">doi:https://doi.org/10.15407/fm25.02.234</a></p>		
Фізичний	Кафедра фізики низьких температур	Білецький Володимир Іванович	6	<p>1. Electrophysical properties of nanoporous cerium dioxide–water system // <i>MSME Jan.</i> 2017, Vol. 28, Issue 2, pp 2157–2159, DOI 10.1007/s10854-016-5780-y.</p> <p>2. Влияние высокого давления на сверхпроводящий переход интеркалированных дейтерием монокристаллов <i>ЖТФ</i> // ФНТ, том 41, №7, с.660-663 (2015).</p> <p>3. Postsynthesis Treatment Influence on Hydrogen Sorption Properties of Carbon Nanotubes. Chapter 7 – In: <i>Hydrogen Storage</i>. Edited by Jianjun Liu, ISBN 978-953-51-0731-6, Hard cover, 266 pages, Publisher: InTech, Published: September 05, 2012 under CC BY 3.0 license .DOI: 10.5772/3207</p> <p>4. Electro- and Heat Transfer in Cd<sub>0.22</sub>Hg<sub>0.78</sub>Te Single Crystals in the Temperature Range of Their Practical Applications. <i>J Low Temp Phys</i> (2018) 190:39–44, <a href="https://doi.org/10.1007/s10909-017-1810-2">https://doi.org/10.1007/s10909-017-1810-2</a></p> <p>5. Enhanced oxygen diffusion in nanostructured ceria. <i>J Mater Sci: Mater Electron</i>, V. 29, N 6 (2018), 29:4743-4748, DOI 10.1007/s10854-017-8430-0</p> <p>6. Suppression of vortex lattice melting in YBCO via irradiation with fast electrons <i>Journal of Materials Science: Materials in Electronics</i> <a href="https://doi.org/10.1007/s10854-019-00978-x">https://doi.org/10.1007/s10854-019-00978-x</a></p>		
Фізичний	Кафедра фізики низьких температур	Гриб Олександр Миколайович	11	<p>1. Electrical Characteristics of Long Josephson Junctions Based on Tungsten Nanorods as Weak Links: Effect of Random Critical-Current Distributions 2018 <i>IEEE Transactions on Applied Superconductivity</i> 28(7),8435989 0</p> <p>2. Resonant modes in a stack of intrinsic josephson junctions 2017 <i>IEEE Transactions on Applied Superconductivity</i> 27(4),7776779 2</p> <p>3. Zero-field steps and coherent emission of externally heated long Josephson junctions 2017 <i>Superconductor Science and Technology</i> 30(1),014004 4</p> <p>4. The Coherent Dynamic State of Intrinsic Josephson Junctions 2016 <i>IEEE Transactions on Applied Superconductivity</i> 26(3),7420590 5</p> <p>5. Coherent emission of intrinsic Josephson junctions 2014 <i>Journal of Physics: Conference Series</i> 507(PART 4),042038 2</p> <p>6. The influence of external separate heating on the synchronization of Josephson junctions 2014 <i>Physica Status Solidi (B) Basic Research</i> 251(5), с. 1040-1044 10</p> <p>7. The resonant interaction of intrinsic josephson junctions with standing waves 2014 <i>IEEE Transactions on Applied Superconductivity</i> 24(4),6766242 0</p> <p>8. The influence of standing waves on synchronization and self-heating of Josephson junctions in resonant systems 2012 <i>Low Temperature Physics</i> 38(4), с. 321-325 11</p>		

				<p>9. <u>The influence of standing waves on synchronization and self-heating of Josephson junctions in resonant systems</u> 2012 <u>Fizika Nizkikh Temperatur</u> 38(4), c. 409-413 1</p> <p>10. <u>Synchronization of self-heated Josephson junctions by a superconducting resonator</u> 2012 <u>Physics Procedia</u> 36, c. 411-416</p> <p>11. <u>Stable Phase Locking in Long Intrinsic Josephson Junctions at Zero-Field Steps of IV-Characteristics</u> 2018 2017 16th International Superconductive Electronics Conference, ISEC 2017 2018-January, c. 1-3</p>		
Фізичний	Кафедра фізики низьких температур	Кислиця Максим Валерійович	6	<p>1. Charge and heat transfer of the <math>Ti_3 AlC_2</math> MAX phase. 2018 <u>Journal of Materials Science: Materials in Electronics</u>, 29(13), c. 11478-11481</p> <p>2. Electrical and thermal conductivity of the <math>Ti_3 AlC_2</math> MAX phase at low temperatures. 2018 <u>Low Temperature Physics</u>, 44(5), c. 451-452</p> <p>3. The electrical and thermal conductivity of the MAX phase of <math>Ti_3 AlC_2</math> at low temperatures 2018 <u>Fizika Nizkikh Temperatur</u>, 44(5), c. 589-591</p> <p>4. Investigation of structure and properties of composite material <math>Al_2 O_3 - SiC</math> obtained by electroconsolidation process 2018 <u>Functional Materials</u>, 25(1), c. 43-47</p> <p>5. Ceramic cutting tools out of nanostructured refractory compounds 2017 <u>International Journal of Refractory Metals and Hard Materials</u>, 68, c. 142-144</p> <p>6. Effect of high pressure on conductivity in the basal plane of <math>Y_{1-x} Pr_x Ba_2 Cu_3 O_{7-\delta}</math> single crystals lightly doped of praseodymium 2015 <u>Functional Materials</u>, 22(1), c. 5-13 2</p>		
Фізичний	Кафедра фізичної оптики	Галунов Микола Захарович	28	<p>1. Andryushchenko, A.Y., Belikov, K.N., Galunov, N.Z., Martynenko, E.V., Lazarev, I.V., Polupan, Y.I., Tarasenko, O.A. Method of obtaining an organic polycrystalline scintillator for detecting beta-radionuclide sources in natural waters (2018) <u>Functional Materials</u>, 25 (4), pp. 795-801.</p> <p>2. Boyarintsev, A.Y., Galunov, N.Z., Levchuk, L.G., Martynenko, E.V., Nepokupnaya, T.A., Onufriyev, Y.D., Popov, V.F., Voloshyna, O.V. Radiation resistance of composite scintillators containing grains of <math>Y_2SiO_5: Ce</math> or <math>Y_3Al_5O_{12}: Ce</math> obtained by solid-phase synthesis (2018) <u>Functional Materials</u>, 25 (1), pp. 6-12.</p> <p>4. Galunov, N.Z., Gorbacheva, T.E., Grinyov, B.V., Karavaeva, N.L., Khabuseva, S.U., Krech, A.V., Levchuk, L.G., Litvinov, L.A., Popov, V.F., Sorokin, P.V. Radiation resistant composite scintillators based on <math>Al_2O_3:Ti</math> grains and their properties after irradiation (2017) <u>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</u>, 866, pp. 104-110.</p> <p>5. Krech, A.V., Galunov, N.Z. Composite scintillators and some features of their radiation resistance (2017) <u>Ukrainian Journal of Physics</u>, 62 (7), pp. 569-582.</p> <p>6. Galunov, N.Z., Karavaeva, N.L., Tarasenko, O.A. Crystalline and composite scintillators for fast and thermal neutron detection (2017) <u>Springer Proceedings in Physics</u>, 200, pp. 195-208.</p> <p>7. Boyarintsev, A.Y., Galunov, N.Z., Gerasymov, I.V., Karavaeva, N.L., Krech, A.V., Levchuk, L.G., Popov, V.F., Sidletskiy, O.T., Sorokin, P.V., Tarasenko, O.A. Radiation-resistant composite scintillators based on GSO and GPS grains (2017) <u>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</u>, 841, pp.</p>		

			<p>124-129.</p> <p>8. Galunov, N.Z., Gerasymov, I.V., Gorbacheva, T.E., Grinyov, B.V., Karavaeva, N.L., Khabuseva, S.U., Krech, A.V., Levchuk, L.G., Martynenko, E.V., Popov, V.F., Sidletskiy, O.T., Sorokin, P.V., Tarasenko, O.A. Composite scintillators based on single crystal grains Y2SiO5: Ce (YSO) and Y3Al5O12:Ce (YAG) (2017) Problems of Atomic Science and Technology, 109 (3), pp.</p> <p>9. Ageev, L.A., Galunov, N.Z., Rieznikova, V.M., Makovetsky, E.D., Karavaeva, N.L., Krech, A.V. Photoinduced diffraction grating in AgCl-Ag film on surface of silicone gel composition SYLGARD-184 (2016) Functional Materials, 23 (1), pp. 127-131.</p> <p>10. Boyarintsev, A.Y., Galunov, N.Z., Gerasymov, I.V., Gorbacheva, T.E., Karavaeva, N.L., Krech, A.V., Levchuk, L.G., Litvinov, L.A., Popov, V.F., Sidletskiy, O.T., Sorokin, P.V., Tarasenko, O.A. Radiation-resistant composite scintillators based on inorganic crystals GSO:Ce, GPS:Ce and Al2O3:Ti (2016) Problems of Atomic Science and Technology, 105 (5), pp. 59-65.</p> <p>11. Galunov, N.Z., Lazarev, I.V., Martynenko, E.V., Vashchenko, V.V., Vashchenko, E.V. Distribution Coefficient of 1,4-diphenyl-1,3-butadiene in p-terphenyl Single Crystal and Its Influence on Scintillation Crystal Light Output (2015) Molecular Crystals and Liquid Crystals, 616 (1), pp. 176-186.</p> <p>12. Galunov, N.Z., Tarasenko, O.A. Effect of Polarization on Recombination of Charge States in an Ionizing Particle Track in Organic Molecular Crystals (2015) Molecular Crystals and Liquid Crystals, 606 (1), pp. 176-188.</p> <p>13. Galunov, N.Z., Tarasenko, O.A., Tarasov, V.A. Optical and scintillation properties of stilbene polycrystalline and composite materials (2015) Functional Materials, 22 (1), pp. 61-68.</p> <p>14. Gorbacheva, T.E., Tarasov, V.A., Galunov, N.Z. Light collection simulation when determining light yield of single crystal and polycrystalline organic scintillators (2015) Functional Materials, 22 (3), pp. 408-415.</p> <p>15. Lee, S.K., Son, J.B., Jo, K.H., Kang, B.H., Kim, G.D., Seo, H., Park, S.H., Galunov, N.Z., Kim, Y.K. Development of large-area composite stilbene scintillator for fast neutron detection (2014) Journal of Nuclear Science and Technology, 51 (1), pp. 37-47.</p> <p>16. Galunov, N.Z., Tarasenko, O.A. Some aspects of the energy exchange in an ionizing particle track for organic solid detectors (2014) Problems of Atomic Science and Technology, 93 (5), pp. 83-90.</p> <p>17. Gorbacheva, T.E., Galunov, N.Z., Lazarev, I.V., Kosinov, N.N., Vyagin, O.G., Malukin, Y.V. Scintillation Properties and Structural Features of Stilbene Polycrystals Prepared by Hot Pressing (2014) Journal of Applied Spectroscopy, 81 (1), pp. 164-167.</p> <p>18. Galunov, N.Z., Grinyov, B.V., Kim, J.K., Kim, Y.K., Tarasenko, O.A., Karavaeva, N.V., Budakovskiy, S.V. Novel fast neutron detectors for environmental and security applications (2014) Journal of Nuclear Science and Technology, 45, pp. 367-370.</p> <p>19. Galunov, N.Z., Karavaeva, N.L., Khabuseva, S.U., Krech, A.V., Levchuk, L.G., Popov, V.F., Samokhin, A.D., Sorokin, P.V. Light guides on the base of dielectric gel compositions (2014) Problems of Atomic Science and Technology, 93 (5), pp. 76-82.</p> <p>20. Tarasenko, O., Galunov, N., Karavaeva, N., Lazarev, I.,</p>		
--	--	--	---	--	--

				<p>Panikarskaya, V. Stilbene composite scintillators as detectors of fast neutrons emitted by a <math>^{252}\text{Cf}</math> source(2013) Radiation Measurements, 58, pp. 61-65.</p> <p>21. Galunov, N.Z., Seminozhenko, V.P., Martynenko, E.V., Tarasenko, O.A. Quenching process in an ionizing particle track for organic crystalline scintillation detectors(2013) Problems of Atomic Science and Technology, (3), pp. 210-219.</p> <p>22. Galunov, N.Z., Tarasenko, O.A., Tarasov, V.A. Radioluminescence energy yield of organic solid scintillators excited by different ionizing radiations(2013) Journal of Applied Spectroscopy, 80 (4), pp. 550-555.</p> <p>23. Galunov, N.Z., Tarasenko, O.A., Tarasov, V.A. Determination of the light yield of organic scintillators(2013) Functional Materials, 20 (3), pp. 304-309.</p> <p>24. Gorbacheva, T.E., Galunov, N.Z., Panikarskaya, V.D., Lazarev, I.V. Scintillation and optical properties of polycrystalline p-terphenyl(2013) Functional Materials, 20 (2), pp. 149-152.</p> <p>25. Boyarintsev, A.Y., Galunov, N.Z., Karavaeva, N.L., Krech, A.V., Lazarev, I.V., Levchuk, L.G., Nepokupnaya, T.A., Panikarskaya, V.D., Popov, V.F., Sorokin, P.V., Tarasenko, O.A. Study of radiation-resistant gel bases for composite detectors(2013) Functional Materials, 20 (4), pp. 471-476.</p> <p>26. Galunov, N.Z., Karavaeva, N.L., Seminozhenko, V.P. New scintillators for fast and thermal neutron detection(2012) Functional Materials, 19 (3), pp. 394-403.</p> <p>27. Tarasenko, O.A., Galunov, N.Z., Panikarskaya, V.D., Sanin, E.V., Tarasov, V.A., Volkov, V.L. Luminescence energy yields of organic solid materials excited by photons of light or gamma-radiation(2012) Functional Materials, 19 (3), pp. 404-409.</p> <p>28. Galunov, N.Z., Grinyov, B.V., Karavaeva, N.L., Martynenko, E.V., Panikarskaya, V.D., Tarasenko, O.A., Budakovskiy, S.V. Single-layer and multilayer composite scintillators based on organic molecular crystalline grains(2012) IEEE Nuclear Science Symposium Conference Record, статья № 6154376, pp. 1869-1872.</p>		
Фізичний	Кафедра фізичної оптики	Агєєв Леонід Опанасович	5	<p>1. Photoinduced diffraction grating in AgCl-Ag film on surface of silicone gel composition SYLGARD-184 // Functional Materials 23(1), pp. 127-131 (2016)</p> <p>2. Plasmon resonance, periodical structures and absorption spectra induced by laser beam in composite waveguide AgCl-Ag films // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 6657594, pp. 243-244 (2013)</p> <p>3. Photoinduced transformations in a thin-film waveguide AgCl-Ag composition under a green (532 nm) laser beam // Optics and Spectroscopy 115(6), pp. 843-847 (2013)</p> <p>4. Periodic Structures Formed by Ag Nanoparticles in AgCl-Ag Film Waveguides Exposed to Violet Laser Light // Journal of Applied Spectroscopy 80(3), pp. 389-394 (2013)</p> <p>5. Periodical structures, absorption spectra and dichroism induced by laser radiation in composite AgCl-Ag film // Functional Materials 20(3), pp. 345-350 (2013)</p>		
Фізичний	Кафедра фізичної оптики	Юнакова Ольга	13	<p>1. The exciton absorption spectrum of thin films of ternary compounds in the AgBr-PbBr<sub>2</sub> system // Low Temperature Physics 44(8), pp. 856-859 (2018)</p>		

	оптики	Миколаївна		<ol style="list-style-type: none"> <li>2. Effect of iodine impurity on the absorption spectrum and phase ransitions in CsPbCl<sub>3</sub> thin films // Functional Materials 25(2), pp. 218-224 (2018)</li> <li>3. Absorption spectrum of thin films of KPb<sub>2</sub> (Cl<sub>1-x</sub>Br<sub>x</sub>)<sub>5</sub> solid solutions //Low Temperature Physics 43(10), pp. 1222-1225 (2017)</li> <li>4. The exciton absorption spectrum of thin CuPb<sub>3</sub> Br<sub>7</sub> superionic conductor films // Low Temperature Physics 42(9), pp. 768-771 (2016)</li> <li>5. Exciton absorption spectra of KPb<sub>2</sub>Br<sub>5</sub> thin films // Functional Materials 23(4), pp. 570-575 (2016)</li> <li>6. Absorption spectrum of KPb<sub>2</sub> Cl<sub>5</sub> thin films // Low Temperature Physics 41(8), pp. 645-648 (2015)</li> <li>7. Exciton absorption spectrum of Cs<sub>4</sub>PbCl<sub>6</sub> thin films // Functional Materials 22(2), pp. 175-180 (2015)</li> <li>8. The exciton absorption spectrum of KPbI<sub>3</sub> thin films // Optics and Spectroscopy 116(1), pp. 68-71 (2014)</li> <li>9. Influence of impurities on the absorption spectrum of thin Cs<sub>4</sub> PbI<sub>6</sub> films // Functional Materials 21(3), pp. 313-317 (2014)</li> <li>10. The effect of structural phase transition of exciton absorption spectrum of thin CsPbCl<sub>3</sub> films // Fizika Nizkikh Temperatur 40(8), pp. 888-892 (2014)</li> <li>11. Exciton absorption spectrum of thin (KI)<sub>1-x</sub>(PbI<sub>2</sub>)<sub>x</sub> films // Functional Materials 20(1), pp. 59-63 (2013)</li> <li>12. The absorption spectra of thin films of ternary compounds in the RbI-PbI<sub>2</sub> system // Low Temperature Physics 38(10), pp. 943-947 (2012)</li> <li>13. Exciton absorption spectrum of thin CsPbI<sub>3</sub> and Cs<sub>4</sub>PbI<sub>6</sub> films // Optics and Spectroscopy 112(1), pp. 91-96 (2012)</li> </ol>		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Єзерська Олена Володимирівна	12	<ol style="list-style-type: none"> <li>1. <u>Cheranovskii V.O., Ezerskaya E.V., Kravchenko A.A. On a spectrum of the t-J model on a deformed lattice "necklace ladder" // Low Temperature Physics. – 2012. -38(6), c. 473-480</u></li> <li>2. Черановский В.О., Езерская Е.В., Кравченко А.А. О спектре t-j модели на деформированной решетке «лестница-ожерелье» // ФНТ. – 2012. – Т. 38, № 6. – С. 606-615.</li> <li>3. <u>Cheranovskii V.O., Ezerskaya E.V. U=∞ Hubbard model for 1D frustrated magnets // Croatica Chemica Acta. - 2013. -86(4), c. 431-434</u></li> <li>4. <u>Cheranovskii V.O., Ezerskaya E.V. Magnetic Properties of the Infinite U Hubbard Model on One-Dimensional Frustrated Lattices // Journal of Superconductivity and Novel Magnetism. - 2015. -28(3), c. 773-776</u></li> <li>5. <u>Cheranovskii V.O., Ezerskaya E.V., Klein D.J., Tokarev V.V. Ground-state spin of hubbard ladder model with infinite electron repulsion // Acta Physica Polonica A. - 2017. -131(4), c. 916-918</u></li> <li>6. <u>Ezerskaya E.V. The energy spectrum and thermodynamics of spin-1/2 XX chain with ising impurities // 2017. - Acta Physica Polonica A131(4), c. 928-930</u></li> <li>7. <u>Cheranovskii V.O., Ezerskaya E.V., Klein D.J., Tokarev V.V. Lowest energy states of Hubbard ladder model with infinite electron repulsion. – Computational and Theoretical Chemistry. – 2018. - 1116, c. 112-116</u></li> <li>8. <u>Cheranovskii V.O., Klein D.J., Ezerskaya E.V., Tokarev V.V. Validity of t - J approximation for extended Hubbard model with strong repulsion // Low Temperature Physics. – 2018. -43(11), c. 1294-1297</u></li> <li>9. V.O. Cheranovskii, D.J. Klein, E.V. Ezerskaya, V.V. Tokarev , Validity of t–J approximation for extended Hubbard model with strong repulsion // ФНТ. –</li> </ol>		

				<p><i>T. 43, Вып. 11.– СС. 1622-1625 (2017)</i></p> <p>10. <u>Cheranovskii V.O., Ezerskaya E.V., Klein D.J., Tokarev V.V. Finite Size Effects in Anisotropic <math>u = \infty</math> Hubbard Ladder Rings.</u> - Journal of Superconductivity and Novel Magnetism. – 2018. -31(5), с. 1369-1373</p> <p>11. <u>Artemov A.V., Ezerskaya E.V. Low temperature properties of finite XX - chains with additional Ising spin</u> // Low Temperature Physics. – 2018. -44(12), с. 1285-1292</p> <p>12. А.В. Артемов, Е.В. Езерская, Низкотемпературные свойства конечных XX-цепочек с дополнительным изинговским спином // ФНТ. – Т. 44, вып. 12. – с. 1645-1653 (2018).</p>		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Рашба Георгій Ілліч	9	<p>1. Ermolaev A.M., Rashba G.I., Solyanik M.A. Magnetoplasma waves on the surface of a semiconductor nanotube with a superlattice// Low Temperature Physics. – 2012. -38(6), с. 511-516</p> <p>2. . Ermolaev A.M., Rashba G.I., Solyanik M.A. Spin waves on the surface of a semiconductor nanotube with a superlattice // Low Temperature Physics. – 2012. -38(10), с. 957-961</p> <p>3. Ermolaev A.M., Rashba G.I. Collective excitations of electron gas on the nanotube surface in a magnetic field: Magnetoplasma and spin waves, zero sound // Handbook of Functional Nanomaterials4, с. 215-246 (2013)</p> <p>4. Ермолаев А.М. Магнитоплазменные волны на поверхности полупроводниковой нанотрубки со сверхрешеткой / А.М. Ермолаев, Г.И. Рашба, М.А. Соляник // ФНТ. – 2012.– Т. 38, №6. – С. 653–659.</p> <p>5. Ермолаев А.М. Спиновые волны на поверхности полупроводниковой нанотрубки со сверхрешеткой / А.М. Ермолаев, Г.И. Рашба, М.А. Соляник // ФНТ. – 2012.– Т. 38, №10.– С. 1209–1215.</p> <p>6. А.М. Ермолаев, Г.И. Рашба К теории спиновых волн на поверхности нанотрубки со сверхрешеткой в магнитном поле // ФТТ.-т. 56.-2014.- СС. 1642-1644.</p> <p>7. A.M. Ermolaev, G.I. Rashba Electron gas high-frequency conductivity on the surface of a nanotube with superlattice in magnetic field // Physica B, v. 451, (2014), pp. 20-25</p> <p>8. A.M. Ermolaev, G.I. Rashba To the theory of plasma waves on the surface of nanotube with superlattice // Solid State Communications.- v. 192, pp. 79-81 (2014)</p> <p>9. Ermolaev A.V., Rashba G.I. Toward the theory of spin waves on the surface of a nanotube with a superlattice in a magnetic field // Physics of the Solid State, 56(8), с. 1696-1699</p>		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Шкловський Валерій Олександрович	14	<p>1. <u>Shklovskij V.A., Seo J.K. Guided vortex motion and ratchet effect in an anisotropic superconductor with a periodic pinning potential</u>// Low Temperature Physics. – 2015.-40(12), с. 1048-1057</p> <p>2. <u>Dobrovolskiy O.V., Huth M., Shklovskij V.A. Alternating current-driven microwave loss modulation in a fluxonic metamaterial</u>– 2015 Applied Physics Letters 107(16),162603</p> <p>3. А.И. Безуглый, В.А. Шкловский Колебания неизотермической N/S границы с высокой частотой и большой амплитудой // ФНТ.- 2016.-т. 42, № 10.- СС. 1154-1166</p> <p>4. А.И. Безуглый, В.А. Шкловский Роль электронов проводимости в формировании теплового сопротивления границы металл–диэлектрик и</p>		

			<p>электросопротивление металлических пленок при низких температурах (Обзор) // ФНТ.- 2016.-т. 42, № 8.-СС. 809-840</p> <p>5. O. V. Dobrovolskiy, M. Hanefeld, M. Z'orb, M. Huth, and V. A. Shklovskij Interplay of flux guiding and Hall effect in Nb films with nanogrooves // Supercond. Sci. Technol., v. 29, N 6, 065009–1-7 (2016)</p> <p>6. O. V. Dobrovolskiy, M. Huth, V. A. Shklovskij and R.V.Vovk Mobile fluxons as coherent probes of periodic pinning in superconductors // Scientific Reports 7, Article number: 13740(2017) doi:10.1038/s41598-017-14232-z</p> <p>7. V. A. Shklovskij Pinning effects on hot-electron vortex flow instability in superconducting films // Physica C: Superconductivity and its applications 538, (2017), PP. 20–26</p> <p>8. Oleksandr V Dobrovolskiy1, Valerij A Shklovskij, Marc Hanefeld et al Pinning effects on flux flow instability in epitaxial Nb thin films Supercond // Sci. Technol. 30 (2017) 085002 (7pp)</p> <p>9. Valerij A. Shklovskij, Anastasiia P. Nazipova, and Oleksandr V. Dobrovolskiy, Pinning effects on self-heating and flux-flow instability in superconducting films near Tc // Phys. Rev. B 95, 184517 (2017) 9pp</p> <p>10. O. V. Dobrovolskiy, V. M. Bevz, M. Yu. Mikhailov, O. I. Yuzepovich, V. A. Shklovskij, R. V. Vovk, M. I. Tsindlekht, R. Sachser, and M. Huth Microwave emission from superconducting vortices in Mo/Si superlattices // Nature Commun. 9, 4927 (2018), <a href="https://doi.org/10.1063/1.5028213arXiv:1805.10875">https://doi.org/10.1063/1.5028213arXiv:1805.10875</a></p> <p>11. V. A. Shklovskij, V. V. Kruglyak, R. V. Vovk, and O. V. Dobrovolskiy Role of magnons and the size effect in heat transport through an insulating ferromagnet-insulator interface // Phys. Rev. B 98, accepted (2018), <a href="https://arxiv.org/abs/1808.07294">arXiv:1808.07294</a></p> <p>12. V. A. Shklovskij, V. V. Mezinova, and O. V. Dobrovolskiy Nonlinear relaxation between magnons and phonons in insulating ferromagnets // Phys. Rev. B 98, 104405–104412 (2018), <a href="https://doi.org/10.1063/1.5028213arXiv:1806.05501">https://doi.org/10.1063/1.5028213arXiv:1806.05501</a></p> <p>13. O. V. Dobrovolskiy, R. Sachser, M. Huth, V. A. Shklovskij, R. V. Vovk, V. M. Bevz, and M. I. Tsindlekht Radiofrequency generation by coherently moving fluxons // Appl. Phys. Lett. 112, 152601–1-5 (2018), <a href="https://arxiv.org/abs/1804.00856">arXiv:1804.00856</a></p> <p>14. V.A.Shklovskij Hot electrons in metal films at low temperatures (Review) // ФНТ, т. 44, № 3.– СС. 221-243 (2018)</p>			
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Бойко Юрій Іванович	15	<p>1. Enhanced oxygen diffusion in nano-structured ceria Открытый доступ Boyko, Y.I., Biletskiy, V.I., Bogdanov, V.V., (...), Goulatis, I.L., Chroneos, A. 2018 Journal of Materials Science: Materials in Electronics 29(6), c. 4743-4748</p> <p>2. Thermal and crack resistance of ceramics based on the MAX phase Ti3 AlC2 Boyko, Y.I., Bogdanov, V.V., Vovk, R.V., (...), Korshak, V.F., Prikhna, T.A. 2018 Functional Materials 25(4), c. 708-712</p> <p>3. Electrophysical properties of nanoporous cerium dioxide–water system Открытый доступ Biletskiy, V.I., Bogdanov, V.V., Boyko, Y.I., (...), Goulatis, I.L., Chroneos, A.I. 2017 Journal of Materials Science: Materials in Electronics 28(2), c. 2157-2159</p> <p>4. Structural rearrangement and change of cerium valence in cerium dioxide (CeO2) nanocrystals Boyko, Y.I., Seminko, V.V., Maksimchuk, P.O.,</p>		



				<p>Malyukin, Y.V. 2016 <i>Functional Materials</i> 23(2), c. 202-205</p> <p>5. Surface structural relaxation and plasticity of nanocrystals Boyko, Y.I., Korshak, V.F. 2015 <i>Problems of Atomic Science and Technology</i> 99(5), c. 77-80</p> <p>6. Contact relaxation phenomena in nano-structured composite materials Boyko, Y.I., Volosyuk, M.A., Volosyuk, A.V., Rokhmanov, N.Y. 2015 <i>Functional Materials</i> 22(2), c. 162-168</p> <p>7. Mechanism of contact formation between squeezed crystalline solids Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2013 <i>Problems of Atomic Science and Technology</i> 87(5), c. 163-167</p> <p>8. Kinetics for dislocation structure formation in contact area of squeezed crystalline solids Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2013 <i>Functional Materials</i> 20(1), c. 44-51</p> <p>9. Formation mechanisms and geometry of the crack assemble formed under uniaxial cyclic compression of NaCl single crystals Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2012 <i>Functional Materials</i> 19(4), c. 464-472</p> <p>10. Formation mechanisms and geometry of the crack assemble formed under uniaxial cyclic compression of NaCl single crystals Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2012 <i>Functional Materials</i> 19(4), c. 558-560</p> <p>11. Mechanisms of microvoid formation: Within KCl single crystals in the pulse energy: Release area of laser focused radiation Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2012 <i>Functional Materials</i> 19(3), c. 289-296</p> <p>12. Spectroscopically detected segregation of Pr<sup>3+</sup>-ions in YPO<sub>4</sub>:Pr<sup>3+</sup>-nanocrystals Seminko, V.V., Maksimchuk, P.O., Kononets, N.V., (...), Boyko, Y.I., Malyukin, Y.V. 2012 <i>Functional Materials</i> 19(3), c. 309-312</p> <p>13. Influence of surface segregation on the luminescence properties of doped YVO<sub>4</sub> nanocrystals Seminko, V.V., Masalov, A.A., Boyko, Y.I., Malyukin, Y.V. 2012 <i>Optical Materials</i> 4(12), c. 1998-2001</p> <p>14. Strong segregation of doped ions in Y<sub>2</sub>SiO<sub>5</sub>:Pr<sup>3+</sup> nanocrystals Seminko, V.V., Masalov, A.A., Boyko, Y.I., Malyukin, Y.V. 2012 <i>Journal of Luminescence</i> Seminko, V.V., Masalov, A.A., Boyko, Yu.I., Malyukin, Yu.V. 2012 <i>Journal of Luminescence</i> 132(9), c. 2443-2446</p> <p>15. Dislocation-diffusion mechanism of high-temperature healing of the cracks in crystals under loading Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2012 <i>Functional Materials</i> 19(2), c. 245-250</p>		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Богданов Валерій Віталійович	17	<p>1. Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., Khadzhai, G.Y. Some peculiarities of the kinetics of labile oxygen in underdoped single crystals of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> <a href="https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&amp;authorId=57201587313&amp;zone=2018">https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&amp;authorId=57201587313&amp;zone=2018</a> <i>Fizika Nizkikh Temperatur</i> 44(4), c. 455-458</p> <p>2. Some peculiarities of labile oxygen kinetics in underdoped single crystals of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., Khadzhai, G.Y. 2018 <i>Low Temperature Physics</i> 44(4), c. 346-348</p> <p>3. Enhanced oxygen diffusion in nano-structured ceria Boyko, Y.I., Biletskyi, V.I., Bogdanov, V.V., (...), Goulatis, I.L., Chroneos, A. 2018 <i>Journal of Materials Science: Materials in Electronics</i> 29(6), c. 4743-4748</p> <p>4. Redistribution of oxygen ions in single crystal YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> owing to external hydrostatic pressure Boiko, Y.I., Bogdanov, V.V., Vovk, R.V.,</p>		

				<p>Khadzhai, G.Y., Savich, S.V. 2018 Low Temperature Physics 44(1), c. 41-44</p> <p>5. Redistribution of oxygen ions in YBa<sub>2</sub> Cu<sub>3</sub> O<sub>7-x</sub> single crystals due to external hydrostatic pressure Boiko, Yu.I., Bogdanov, V.V., Vovk, R.V., Khadzhai, G.Ya., Savich, S.V. 2018 Fizika Nizkikh Temperatur 44(1), c. 53-58</p> <p>6. Thermal and crack resistance of ceramics based on the MAX phase Ti<sub>3</sub> AlC<sub>2</sub> Boyko, Y.I., Bogdanov, V.V., Vovk, R.V., (...), Korshak, V.F., Prikhna, T.A. 2018 Functional Materials 25(4), c. 708-712</p> <p>7. Diffusion coalescence in YBa<sub>2</sub> Cu<sub>3</sub> O<sub>7-x</sub> single crystals under the application of hydrostatic pressure Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., (...), Goulatis, I.L., Chroneos, A. 2017 Materials Research Express 4(9), 096001</p> <p>8. Relaxation of the electric resistance in YBa<sub>2</sub> Cu<sub>3</sub> O<sub>7-x</sub> single crystals at room temperature Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., (...), Goulatis, I.L., Chroneos, A. 2017 Modern Physics Letters B 31(16), 1750179</p> <p>9. Different diffusion mechanisms of oxygen in ReBa<sub>2</sub> Cu<sub>3</sub> O<sub>7-x</sub> (Re = Y, Ho) single crystals Vovk, R.V., Boiko, Y.I., Bogdanov, V.V., (...), Goulatis, I.L., Chroneos, A. 2017 Physica C: Superconductivity and its Applications 536, c. 26-29</p> <p>10. Size-dependent kinetics of reactive diffusion in nano-grained Ag-Sn thin films Paritskaya, L.N., Bogdanov, V.V., Kaganovskii, Y. 2017 Materials Letters 193, c. 292-294</p> <p>11. Relaxation of stress occurring in Cd-Ni diffusion zone with formation of intermetallic phase Bogdanov, V.V., Kononenko, V.G., Volosyuk, M.A., Volosyuk, A.V. 2017 Functional Materials 24(4), c. 530-533</p> <p>12. Single-file diffusion in oxygen underdoped ReBa<sub>2</sub> Cu<sub>3</sub> O<sub>7-x</sub> (Re=Y, Ho) single crystals Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., Ort, A.G., Litvinov, Y.V. 2017 Functional Materials 24(4), c. 527-529</p> <p>13. Electrophysical properties of nanoporous cerium dioxide-water system Biletskyi, V.I., Bogdanov, V.V., Boyko, Y.I., (...), Goulatis, I.L., Chroneos, A.I. 2017 Journal of Materials Science: Materials in Electronics 28(2), c. 2157-2159</p> <p>14. Single-file diffusion of oxygen ions in the compound YBa<sub>2</sub> Cu<sub>3</sub> O<sub>7-x</sub> Boiko, Y.I., Bogdanov, V.V., Khadzhai, G.Y., Savich, S.V., Vovk, R.V. 2016 Low Temperature Physics 42(10), c. 936-939</p> <p>15. Single-file diffusion of oxygen ions in YBa<sub>2</sub> Cu<sub>3</sub> O<sub>7-x</sub> compound Boiko, Y.I., Bogdanov, V.V., Khadzhai, G.Ya., Savich, S.V., Vovk, R.V. 2016 Fizika Nizkikh Temperatur 42(10), c. 1192-1197</p> <p>16. Interdiffusion under pressure in KBr-KCl single-crystals system Kononenko, V.G., Bogdanov, V.V., Volosyuk, M.A., Volosyuk, A.V. 2016 Functional Materials 23(2), c. 158-164</p> <p>17. The role of crowdion mass transfer in relaxation processes near hard concentrators Kononenko, V.G., Bogdanov, V.V., Turenko, A.N., Volosyuk, M.A., Volosyuk, A.V. 2016 Problems of Atomic Science and Technology 104(4), c. 15-21</p>		
Фізичний	Кафедра теоретичної фізики імені академіка	Нацик Василь Дмитрович	20	<p>1. Computer simulation and analytic description of the structural defects in two-dimensional limited in size crystals: Free boundary, dislocations, crowdions Natsik, V.D., Smirnov, S.N., Belan, V.I. 2018 Fizika Nizkikh Temperatur 44(7), c. 877-886</p> <p>2. Computer modeling and analytical description of structural defects</p>		

	I.M. Ліфшиця		<p>in two-dimensional crystals of bounded sizes: Free boundary, dislocations, and crowdions Natsik, V.D., Smirnov, S.N., Belan, V.I. 2018 Low Temperature Physics 44(7), c. 688-695</p> <p>3. Tunneling-thermally activated vacancy diffusion mechanism in quantum crystals Natsik, V.D., Smirnov, S.N. 2017 Low Temperature Physics 43(10), c. 1163-1171</p> <p>4. Tunnel-thermally activated mechanism of vacancy diffusion in a quantum crystal Natsik, V.D., Smirnov, S.N. 2017 Fizika Nizkikh Temperatur 43(10), c. 1459-1470</p> <p>5. Dislocations and crowdions in two-dimensional crystals. Part III: Plastic deformation of the crystal as a result of defect movement and defect interaction with the field of elastic stresses Natsik, V.D., Smirnov, S.N. 2016 Low Temperature Physics 42(3), c. 207-218</p> <p>6. Dislocation mechanisms of low-temperature internal friction in nanostructured materials Natsik, V.D., Semerenko, Y.A. 2016 Low Temperature Physics 42(2), c. 138-148</p> <p>7. Dislocation mechanism of low-temperature internal friction in nanostructured materials Natsik, V.D., Semerenko, Yu.A. 2016 Fizika Nizkikh Temperatur 42(2), c. 185-197</p> <p>8. Dislocations and crowdions in two-dimensional crystals. II. Elastic fields and intrinsic energies in a 2D hexagonal lattice Natsik, V.D., Smirnov, S.N. 2015 Low Temperature Physics 41(3), 1.4916387</p> <p>9. Dislocations and crowdions in two-dimensional crystals. Part II: Elastic fields and intrinsic energies of the above defects in a crystal with a plane hexagonal lattice Natsik, V.D., Smirnov, S.N. 2015 Fizika Nizkikh Temperatur 41(3), c. 271-277</p> <p>10. Giant young's modulus variations in ultrafine-grained copper caused by texture changes at post-spd heat treatment Открытый доступ Pal-Val, P., Pal-Val, L., Natsik, V., Davydenko, A., Rybalko, A. 2015 Archives of Metallurgy and Materials 60(4), c. 3073-3076</p> <p>11. Unusual Young's modulus behavior in ultrafine-grained and microcrystalline copper wires caused by texture changes during processing and annealing Pal-Val, P.P., Loginov, Y., Demakov, S.L., (...), Davydenko, A.A., Rybalko, A.P. 2014 Materials Science and Engineering A 618, c. 9-15</p> <p>12. Dislocations and crowdions in two-dimensional crystals. I. Atomic-lattice models and a continuum description of these defects in elastic anisotropic 2D media Natsik, V.D., Smirnov, S.N. 2014 Low Temperature Physics 40(12), c. 1063-1076</p> <p>13. Dislocations and crowdions in two-dimensional crystals. Part 1. Atomic lattice models and continual description of the above defects in an elastic anisotropic 2D medium Natsik, V.D., Smirnov, S.N. 2014 Fizika Nizkikh Temperatur 40(12), c. 1366-1383</p> <p>14. The mechanics of 2D crystals: A change from the atomic-lattice description to equations of the elasticity theory Natsik, V.D., Smirnov, S.N. 2013 Low Temperature Physics 39(6), c. 534-545</p> <p>15. The 2D crystals mechanics: Transition from atomic lattice description to the elastic theory equations Natsik, V.D., Smirnov, S.N. 2013 Fizika Nizkikh Temperatur 39(6), c. 690-703</p> <p>16. Investigation of the creep and glass transition of elastomers by the</p>		
--	-----------------	--	--	--	--

				<p>microindentation method: Epoxy resin and related nanocomposites Natsik, V.D., Fomenko, L.S., Lubenets, S.V. 2013 Physics of the Solid State 55(5), с. 1020-1033</p> <p>17. Observation of glass-like low-temperature anomalies when studying the acoustic properties of nanostructured metals Natsik, V.D., Vatazhuk, E.N., Pal-Val, P.P., Pal-Val, L.N., Moskalenko, V.A. 2013 Fizika Nizkikh Temperatur 39(12), с. 1381-1396</p> <p>18. The effect of light doping on the creep of <math>\beta</math>-Sn single crystals induced by superconducting transition Soldatov, V.P., Kirichenko, G.I., Natsik, V.D., Kazarov, Y.G. 2012 Low Temperature Physics 38(10), с. 966-972</p> <p>19. The effect of light doping on creep of <math>\beta</math>-Sn single crystals induced by superconducting transition Soldatov, V.P., Kirichenko, G.I., Natsik, V.D., Kazarov, Yu.G. 2012 Fizika Nizkikh Temperatur 38(10), с. 1221-1229</p> <p>20. Micromechanical properties of C70 single crystals in the temperature range 77-350 K Lubenets, S.V., Natsik, V.D., Fomenko, L.S., (...), Sidorov, N.S., Izotov, A.N. 2012 Low Temperature Physics 38(3), с. 227-234</p>		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Коршак Віра Федосійовна	10	<p>1. В.Ф. Коршак, Ю.А. Шаповалов, А. Л. Самсоник, П. В. Матейченко. Рентгенографическое исследование структурно-фазового состояния сверхпластичного сплава Sn-38 вес.%Pb и его изменений в условиях действия внешних механических напряжений и старения // ФММ. 2012. Т. 113. № 2. С. 201-211.</p> <p>2. В.Ф. Коршак, Н.В. Ткаченко. Влияние предварительной деформации на теплоту плавления сверхпластичного эвтектического сплава Bi-43вес.%Sn // ФММ, 2013, т. 114, № 11, с. 1041-1046.</p> <p>3. Коршак В.Ф., Матейченко П.В., Шаповалов Ю.А. Особенности объемного соотношения <math>\alpha</math>- и <math>\beta</math>-фаз в сверхпластичном эвтектическом сплаве Bi-43вес.%Sn // ФММ. 2014. Т. 115. № 12. С. 1318–1327.</p> <p>4. В. Ф. Коршак, И. В. Поставничий, Н. В. Ткаченко. Изменение теплоты плавления сверхпластичного эвтектического сплава Sn–38 вес. % Pb в результате предварительной пластической деформации. ФММ, 2015, том 116, № 10, с. 1083–1089.</p> <p>5. Коршак В. Ф., Шаповалов Ю. А., Примак О., Крышталь А. П., Василенко Р. Л. Структурные изменения в эвтектическом сплаве Bi-43 вес. %Sn в условиях сверхпластической деформации. ФММ, 2015, том 116, №8, с. 874-883.</p> <p>6. Ю.И. Бойко, В.Ф. Коршак. Поверхностная структурная релаксация и пластичность нанокристаллов. ВАНТ. 2015. № 5 (99). С. 77-80.</p> <p>7. В. Ф. Коршак, Ю. А. Шаповалов, Н. Н. Васеленко. Структурно-фазовая релаксация в сверхпластичном эвтектическом сплаве Sn-38вес.%Pb. МиНТ. 2015. Т. 37. № 12. С. 1633-1642.</p> <p>8. В. Ф. Коршак. Фазовые напряжения как причина торможения распада метастабильного состояния в сверхпластичных эвтектических сплавах // Металлофизика и новейшие технологии, 2017, т. 39, № 6, с. 839-854.</p> <p>9. Yu. I. Boyko, V. V. Bogdanov, R. V. Vovk, E. S. Gevorkyan, V. A. Kolesnichenko, V. F. Korshak, T.A.Prikhna. Thermal and crack resistance of ceramics based on the MAX phase Ti3AlC2. // Functional Materials. – 2018, № 4. С. 1–5.</p> <p>10. V. F. Korshak, Yu. O. Shapovalov and P. V. Mateychenko. Change in</p>		

				elastic properties of eutectic alloys under conditions of superplastic deformation. J. Mater. Sci. (2018) 53:8590–8603 V.53, p. 8590–8603 <a href="https://doi.org/10.1007/s10853-018-2163-1">https://doi.org/10.1007/s10853-018-2163-1</a>		
Фізичний	Вищої математики	Чибісов Дмитро Васильович	5	<ol style="list-style-type: none"> <li>1. The distribution function of plasma particles in longitudinal magnetic and radial electric fields. Problems of atomic science and technology. 2014, №6. series: plasma physics (20), p.55-57.</li> <li>2. Response to “Comment on ‘The ion-kinetic D'Angelo mode’”. Phys. Plasmas 22, 044704 (2015) 3 стр. Ионная циклотронная турбулентность плазмы нижнегибридных полостей земной ионосферы. ВАИТ. №4 (98), с.148-151</li> <li>3. Динамика макрочастиц в магнитных фильтрах в вакуумно-дуговых источниках плазмы. ВАИТ. №4 (98), с.298-301</li> <li>4. Formation of cavities in the ionospheric plasma due to localized electrostatic turbulence Problems of atomic science and technology (PAST). 2018 №4(116) стр. 131-134</li> <li>5. Anomalous diffusion of plasma in the lower hybrid cavities observed in the terrestrial ionosphere. Problems of atomic science and technology (PAST). 2018 №6(118) стр. 117-120</li> </ol>		
Фізичний	Кафедра загальної фізики	Лазоренко Олег Валерійович	18	<ol style="list-style-type: none"> <li>1. Panasenko, S.V., Chernogor, L.F., Lazorenko, O.V. Characteristics of Wave Processes in the Ionosphere Over Kharkiv During Solar Eclipse of 20 March 2015 (2018) UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 8519995, pp. 119-122.</li> <li>2. Chernogor, L.F., Lazorenko, O.V., Onishchenko, A.A. Multi-Fractal Analysis of the Acoustic Ultra-Wideband Signal Caused by the Chelyabinsk Meteoroid (2018) UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 8520256, pp. 123-126.</li> <li>3. Chernogor, L.F., Lazorenko, O.V., Onishchenko, A.A. Fractal Analysis of the Gravitational Waves as a Unique Ultra-Wideband Process (2018) UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 8519979, pp. 34-39.</li> <li>4. Panasenko, S.V., Chernogor, L.F., Lazorenko, O.V., Otsuka, Y., Van De Kamp, M. Observations of Ultrawideband Signals in GPS TEC Variations Over Europe During Solar Eclipse (2018) UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, статья № 8520253, pp. 115-118.</li> <li>5. Chernogor, L.F., Lazorenko, O.V., Onishchenko, A.A. Dispersive distortions of the fractal ultra-wideband signals in plasma media (2018) Problems of Atomic Science and Technology, 116 (4), pp. 135-138.</li> <li>6. Chernogor, L.F., Garmash, K.P., Lazorenko, O.V., Onishchenko, A.A. Multi-fractal analysis of the earth's electromagnetic field time variations caused by the powerful geospace storm occurred on september 7-8, 2017 (2018) Problems of Atomic Science and Technology, 116 (4), pp. 118-121.</li> <li>7. Lazorenko, O.V., Chernogor, L.F. System spectral analysis of infrasonic signal generated by Chelyabinsk meteoroid (2017) Radioelectronics and Communications Systems, 60 (8), pp. 331-338.</li> </ol>		

				<p>8. Chernogor, L.F., Lazorenko, O.V. Gravitational waves as the unique ultra-wideband process (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724148, pp. 47-53.</p> <p>9. Chernogor, L.F., Lazorenko, O.V. System spectral analysis of the ultra-wideband acoustic signal caused by the Chelyabinsk meteoroid (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724157, pp. 85-88.</p> <p>10. Chernogor, L.F., Lazorenko, O.V., Onishchenko, A.A. New models of the fractal ultra-wideband signals (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724158, pp. 89-92.</p> <p>11. Chernogor, L.F., Kravchenko, S.G., Lazorenko, O.V. System spectral analysis of the fractal ultra-wideband signals (2015) Problems of Atomic Science and Technology, 98 (4), pp. 244-247.</p> <p>12. Chernogor, L.F., Lazorenko, O.V., Onishchenko, A.A. Fractal analysis of the fractal ultra-wideband signals (2015) Problems of Atomic Science and Technology, 98 (4), pp. 248-251.</p> <p>13. Chernogor, L.F., Lazorenko, O.V. System spectral analysis of model ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379794, pp. 243-245.</p> <p>14. Chernogor, L.F., Lazorenko, O.V. Wigner analysis in problem of ultra-wideband signal detection with noise presents (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379808, pp. 288-290.</p> <p>15. Chernogor, L.F., Lazorenko, O.V. Radar equation for ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379724, pp. 34-38.</p> <p>16. Chernogor, L.F., Lazorenko, O.V. The modeling of ultra-wideband signals and processes (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379795, pp. 246-248.</p> <p>17. Chernogor, L.F., Lazorenko, O.V., Potapov, A.A. Wavelet analysis of multi-fractal ultra-wideband processes in problems of geospace physics (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379796, pp. 249-251.</p> <p>Chernogor, L.F., Lazorenko, O.V., Potapov, A.A. Wavelet analysis of model fractal ultra-wideband signals (2012) 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, статья № 6379809, pp. 291-293.</p>		
Фізичний	Кафедра загальної фізики	Мозуль Костянтин Олександрович	6	<p>1. Odnovolova, A.M., Sofronov, D.S., Puzan, A.N., Baumer, V.N., Mateychenko, P.V., Desenko, S.M., Vovk, O.M., Mozul, K.A., Bryleva, E.Y. Formation characteristics of Fe<sub>3</sub>O<sub>4</sub> magnetic particles precipitated from aqueous solutions and their sorption properties (2015) Functional Materials, 22 (4), pp.</p>		

				<p>475-481.</p> <p>2. Borisova, N.M., Gorshenkov, M.V., Koval', A.A., Mozul', K.A., Khovailo, V.V., Shurinova, E.V. Structural and magnetic size effects in nanodisperse <math>Zn_xFe_{3-x}O_4</math> ferrite systems (2014) <i>Physics of the Solid State</i>, 56 (7), pp. 1334-1337.</p> <p>3. Mozul, K.A., Ol'khovik, L.P., Sizova, Z.I., Bludov, A.N., Pashchenko, V.A., Baumer, V.N., Vashchenko, V.V., Kolosov, M.O., Kryshtal', A.P., Prodanov, M.F. Surface magnetic anisotropy of <math>CoFe_2O_4</math> nanoparticles with a giant low-temperature hysteresis (2013) <i>Low Temperature Physics</i>, 39 (4), pp. 365-369.</p> <p>4. Mozul, K.A., Ol'Khovik, L.P., Sizova, Z.I., Bludov, A.N., Pashchenko, V.O., Baumer, V.N., Vashchenko, V.V., Kolosov, M.O., Kryshtal, A.P., Prodanov, M.F. The surface magnetic anisotropy of the <math>CoFe_2O_4</math> nanoparticles with giant low-temperature hysteresis (2013) <i>Fizika Nizkikh Temperatur</i>, 39 (4), pp. 469-474.</p> <p>5. Ol'khovik, L.P., Sizova, Z.I., Shurinova, E.V., Mozul', K.A., Kamzin, A.S. Surface of the <math>BaFe_{12}O_{19}</math> crystal and its influence on the interparticle magnetic interaction (2013) <i>Physics of the Solid State</i>, 55 (1), pp. 220-224.</p> <p>6. Mozul, K., Ol'Khovik, L., Sizova, Z., Shurinova, O. Diagram of the magnetic state of real fine particle system of <math>Ca_{0.5}Ba_{0.5}Fe_{12}O_{19}</math> (2012) <i>International Conference on Oxide Materials for Electronic Engineering, OMEE 2012</i>, статья № 6464767, pp. 278-279.</p>		
Фізичний	Кафедра експериментальної фізики	Шеховцов Олег Валерійович	6	<p>1. Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride (2016) <i>Problems of Atomic Science and Technology</i>, 102 (2), pp. 92-98.</p> <p>2. Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) <i>Functional Materials</i>, 23 (4), pp. 561-569.</p> <p>3. Plastic rotations in polycrystalline aluminium foils (2015) <i>Metallofizika i Noveishie Tekhnologii</i>, 37 (7), pp. 951-960.</p> <p>4. Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) <i>Functional Materials</i>, 22 (3), pp. 396-401.</p> <p>5. Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) <i>Functional Materials</i>, 21 (3), pp. 307-312.</p> <p>6. C-axis hopping conductivity in heavily Pr-doped YBCO single crystals (2013) <i>Superconductor Science and Technology</i>, 26 (8), статья № 085017, .</p>		
Фізичний	Кафедра експериментальної фізики	Тонкопряд Алла Григорівна	6	<p>1. Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride (2016) <i>Problems of Atomic Science and Technology</i>, 102 (2), pp. 92-98.</p> <p>2. Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) <i>Functional Materials</i>, 23 (4), pp. 561-569.</p> <p>3. Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation (2016) <i>Problems of Atomic Science and Technology</i>, 101 (1), pp. 88-</p>		

				<p>91.</p> <p>4. Plastic rotations in polycrystalline aluminium foils (2015) <i>Metallofizika i Noveishie Tekhnologii</i>, 37 (7), pp. 951-960.</p> <p>5. Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) <i>Functional Materials</i>, 22 (3), pp. 396-401.</p> <p>6. Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) <i>Functional Materials</i>, 21 (3), pp. 307-312.</p>		
Фізичний	Кафедра експериментальної фізики	Єгоренков Володимир Дмитрович	29	<p>1. Cathode design effect on gas breakdown and modes of burning of the glow discharge in nitrogen (2018) <i>Problems of Atomic Science and Technology</i>, 116 (4), pp. 150-155.</p> <p>2. Structure and modes of dc glow discharge in nitrogen with hollow cathode or anode (2018) <i>Problems of Atomic Science and Technology</i>, 118 (6), pp. 210-213.</p> <p>3. Current gain of a pulsed DC discharge in low-pressure gases (2017) <i>Vacuum</i>, 145, pp. 194-202.</p> <p>4. Electric field non-uniformity effect on dc low pressure gas breakdown between flat electrodes (2017) <i>Vacuum</i>, 145, pp. 19-29.</p> <p>5. Influence of the inter-electrode gap on the cathode sheath characteristics (voltage drop across it and its thickness) (2017) <i>Physics of Plasmas</i>, 24 (5), стаття № 053501,</p> <p>6. Positive column contraction of the glow discharge in nitrogen (2017) <i>Problems of Atomic Science and Technology</i>, 107 (1), pp. 144-147.</p> <p>7. Child-langmuir law for cathode sheath of glow discharge in CO2 (2017) <i>Problems of Atomic Science and Technology</i>, 107 (1), pp. 140-143.</p> <p>8. Child-Langmuir law applicability for a cathode sheath description of glow discharge in hydrogen (2016) <i>Physica Scripta</i>, 91 (8), стаття № 085601</p> <p>9. Normal mode of DC discharge in argon, hydrogen and oxygen (2016) <i>Problems of Atomic Science and Technology</i>, 106 (6), pp. 223-226.</p> <p>10. Forming a unipolar pulsed discharge in nitrogen (2016) <i>Problems of Atomic Science and Technology</i>, 106 (6), pp. 227-230.</p> <p>11. DC breakdown in low-pressure CF4 (2015) <i>Journal of Physics D: Applied Physics</i>, 48 (47), стаття № 475201, .</p> <p>12. Inter-electrode distance effect on dc discharge characteristics in nitrogen (2015) <i>Problems of Atomic Science and Technology</i>, 98 (4), pp. 202-205.</p> <p>13. Does electric field nonuniformity affect gas breakdown? (2015) <i>Problems of Atomic Science and Technology</i>, 98 (4), pp. 211-214.</p> <p>14. Burning modes of dc low pressure discharge with a transverse constriction (2015) <i>Problems of Atomic Science and Technology</i>, 98 (4), pp. 206-210.</p> <p>15. Simple model of reduced electric field in ambipolar regime of dc discharge positive column in hydrogen (2015) <i>Journal of Plasma Physics</i>, 81 (3), стаття № 905810312.</p> <p>16. Calculating reduced electric field in diffusion regime of dc discharge positive column (2015) <i>Problems of Atomic Science and Technology</i>, 95 (1), pp. 205-208.</p>		



				<p>17. In-depth treatment of discharge ignition data during undergraduate laboratory work (2014) <i>European Journal of Physics</i>, 35 (4), стаття № 045021.</p> <p>18. The Child-Langmuir collision laws for the cathode sheath of glow discharge in nitrogen (2014) <i>Vacuum</i>, 103, pp. 49-56.</p> <p>19. Electron transport parameters in NF3 (2014) <i>Journal of Physics D: Applied Physics</i>, 47 (11), стаття № 115203, .</p> <p>20. Gas breakdown in dc electric field in a discharge tube with flat and conical cathodes (2014) <i>Problems of Atomic Science and Technology</i>, 94 (6), pp. 183-186.</p> <p>21. Applicability of Child-Langmuir collision laws for describing a dc cathode sheath in N2O (2014) <i>Journal of Plasma Physics</i>, 80 (3), pp. 319-327.</p> <p>22. Positive ion motion in cathode sheath of glow discharge in N2O (2013) <i>Problems of Atomic Science and Technology</i>, (4), pp. 140-143.</p> <p>23. Axial structure of hollow cathode dc glow discharge in different burning modes (2013) <i>Problems of Atomic Science and Technology</i>, (4), pp. 144-148.</p> <p>24. Normal and abnormal regimes of dc discharge burning in N2O (2013) <i>Problems of Atomic Science and Technology</i>, (1), pp. 210-212.</p> <p>25. Normal regime of the weak-current mode of an rf capacitive discharge (2013) <i>Plasma Sources Science and Technology</i>, 22 (1), стаття № 015018, .</p> <p>26. Axial structure of DC glow discharge negative glow in nitrogen (2012) <i>Problems of Atomic Science and Technology</i>, (6), pp. 199-201.</p> <p>27. Validating the Goldstein-Wehner law for the stratified positive column of dc discharge in an undergraduate laboratory (2012) <i>European Journal of Physics</i>, 33 (6), pp. 1537-1545.</p> <p>28. Ambipolar diffusion in strongly electronegative plasma (2012) <i>EPL</i>, 99 (3), стаття № 35002, .</p> <p>29. Gas molecule dissociation effect on rf discharge burning in low pressure ammonia (2012) <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i>, 376 (33), pp. 2238-2243.</p>		
Хімічний	Фізичної хімії	Мchedlov-Петросян Никола Отарович	38	<p>1. Mchedlov-Petrosyan, N.O., Steinbach, K., Vodolazkaya, N.A., Samoylov, D.V., Shekhovtsov, S.V., Omelchenko, I.V., Shishkin, O.V. The molecular structure of anionic species of 2,4,5,7-tetranitrofluorescein as studied by electrospray ionisation, nuclear magnetic resonance and X-ray techniques (2018) <i>Coloration Technology</i>, 134 (5), pp. 390-399. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050683501&amp;doi=10.1111%2fcote.12351&amp;partnerID=40&amp;md5=958ff4ae83c268a47ff5ce3f056894d8DOI: 10.1111/cote.12351">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050683501&amp;doi=10.1111%2fcote.12351&amp;partnerID=40&amp;md5=958ff4ae83c268a47ff5ce3f056894d8DOI: 10.1111/cote.12351</a></p> <p>2. Mchedlov-Petrosyan, N.O., Farafonov, V.S., Lebed, A.V. Examining surfactant micelles via acid-base indicators: Revisiting the pioneering Hartley-Roe 1940 study by molecular dynamics modeling (2018) <i>Journal of Molecular Liquids</i>, 264, pp. 683-690. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047620437&amp;doi=10.1016%2fj.molliq.2018.05.076&amp;partnerID=40&amp;md5=fc6747f6273c2e7ab0ee088a75152bbb DOI: 10.1016/j.molliq.2018.05.076">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047620437&amp;doi=10.1016%2fj.molliq.2018.05.076&amp;partnerID=40&amp;md5=fc6747f6273c2e7ab0ee088a75152bbb DOI: 10.1016/j.molliq.2018.05.076</a></p> <p>3. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrosyan, N.O. Solvatochromic betaine dyes of different hydrophobicity in ionic surfactant micelles: Molecular dynamics modeling of location character (2018) <i>Colloids and Surfaces A:</i></p>	36	<p>1. Mchedlov-Petrosyan, NO; Steinbach, K; Vodolazkaya, NA; Samoylov, DV; Shekhovtsov, SV; Omelchenko, IV; Shishkin, OV. The molecular structure of anionic species of 2,4,5,7-tetranitrofluorescein as studied by electrospray ionisation, nuclear magnetic resonance and X-ray techniques. <i>COLORATION TECHNOLOGY</i>, 2018, 399 10.1111/cote.12351</p> <p>2. Mchedlov-Petrosyan, NO; Farafonov, VS; Lebed, AV. Examining surfactant micelles via acid-base indicators: Revisiting the pioneering Hartley-Roe 1940 study by molecular dynamics modeling. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2018, 264, 683 10.1016/j.molliq.2018.05.076</p> <p>3. Farafonov, VS; Lebed, AV; Mchedlov-Petrosyan, NO. Solvatochromic betaine dyes of different hydrophobicity in ionic surfactant micelles: Molecular dynamics modeling of location character. <i>COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS</i>, 2018, 538, 583. 10.1016/j.colsurfa.2017.11.046</p> <p>4. Mchedlov-Petrosyan, Nikolay O. The Davies equation of state of ionic surfactant adsorbed monolayer and related problems. <i>COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS</i>, 2018,</p>

			<p>Physicochemical and Engineering Aspects, 538, pp. 583-592.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034734251&amp;doi=10.1016%2Fj.colsurfa.2017.11.046&amp;partnerID=40&amp;md5=05d4049485fd75040b48a88ecd6945e1DOI:10.1016/j.colsurfa.2017.11.046">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034734251&amp;doi=10.1016%2Fj.colsurfa.2017.11.046&amp;partnerID=40&amp;md5=05d4049485fd75040b48a88ecd6945e1DOI:10.1016/j.colsurfa.2017.11.046</a></p> <p>4. Mchedlov-Petrosyan, N.O. The Davies equation of state of ionic surfactant adsorbed monolayer and related problems (2018) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 537, pp. 325-333.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032864321&amp;doi=10.1016%2Fj.colsurfa.2017.10.030&amp;partnerID=40&amp;md5=ba7efde80fbcc59fe1eba26022dbecf8DOI:10.1016/j.colsurfa.2017.10.030">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032864321&amp;doi=10.1016%2Fj.colsurfa.2017.10.030&amp;partnerID=40&amp;md5=ba7efde80fbcc59fe1eba26022dbecf8DOI:10.1016/j.colsurfa.2017.10.030</a></p> <p>5. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrosyan, N.O.  Examining solvatochromic Reichardt's dye in cationic micelles of different size via molecular dynamics (2018) <i>Voprosy Khimii i Khimicheskoi Tekhnologii</i>, (5), pp. 62-68. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055247446&amp;partnerID=40&amp;md5=0c715a82d063479f29519ba819ba5705">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055247446&amp;partnerID=40&amp;md5=0c715a82d063479f29519ba819ba5705</a></p> <p>6. Kamneva, N.N., Tkachenko, V.V., Mchedlov-Petrosyan, N.O., Marynin, A.I., Ukrainets, A.I., Malysheva, M.L., Osawa, E. Interfacial Electrical Properties of Nanodiamond Colloidal Species in Aqueous Medium as Examined by Acid-Base Indicator Dyes (2018) <i>Surface Engineering and Applied Electrochemistry</i>, 54 (1), pp. 64-72. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046656418&amp;doi=10.3103%2FS1068375518010088&amp;partnerID=40&amp;md5=33e915a5a5337c7c8af28e87db2f7165DOI:10.3103/S1068375518010088">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046656418&amp;doi=10.3103%2FS1068375518010088&amp;partnerID=40&amp;md5=33e915a5a5337c7c8af28e87db2f7165DOI:10.3103/S1068375518010088</a></p> <p>7. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrosyan, N.O. Character of Localization and Microenvironment of Solvatochromic Reichardt's Betaine Dye in Sodium n-Dodecyl Sulfate and Cetyltrimethylammonium Bromide Micelles: Molecular Dynamics Simulation Study (2017) <i>Langmuir</i>, 33 (33), pp. 8342-8352.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027882369&amp;doi=10.1021%2Facs.langmuir.7b01737&amp;partnerID=40&amp;md5=a06398e3d1af89aef9c85cd091c2a312DOI:10.1021/acs.langmuir.7b01737">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027882369&amp;doi=10.1021%2Facs.langmuir.7b01737&amp;partnerID=40&amp;md5=a06398e3d1af89aef9c85cd091c2a312DOI:10.1021/acs.langmuir.7b01737</a></p> <p>8. Kharchenko, A.Y., Moskaeva, O.G., Klochaniuk, O.R., Marfunin, M.O., Mchedlov-Petrosyan, N.O. Effect of poly (sodium 4-styrenesulfonate) on the ionization constants of acid-base indicator dyes in aqueous solutions (2017) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 527, pp. 132-144. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019550146&amp;doi=10.1016%2Fj.colsurfa.2017.05.030&amp;partnerID=40&amp;md5=c48adaa6780c93a05e974ee5e68e818fDOI:10.1016/j.colsurfa.2017.05.030">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019550146&amp;doi=10.1016%2Fj.colsurfa.2017.05.030&amp;partnerID=40&amp;md5=c48adaa6780c93a05e974ee5e68e818fDOI:10.1016/j.colsurfa.2017.05.030</a></p> <p>9. Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S. Formation and ageing of the fullerene C60 colloids in polar organic solvents (2017) <i>Journal of Molecular Liquids</i>, 235, pp. 98-103.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018794120&amp;doi=10.1016%2Fj.molliq.2016.10.113&amp;partnerID=40&amp;md5=79672bc993f98f999f6eecc11b20cedd2DOI:10.1016/j.molliq.2016.10.113">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018794120&amp;doi=10.1016%2Fj.molliq.2016.10.113&amp;partnerID=40&amp;md5=79672bc993f98f999f6eecc11b20cedd2DOI:10.1016/j.molliq.2016.10.113</a></p> <p>10. Mchedlov-Petrosyan, N.O., Laguta, A.N., Shekhovtsov, S.V., Eltsov, S.V., Chepesh, T.A., Omelchenko, I.V., Shishkin, O.V. 3,3'-Dinitrophenolsulphonophthalein: an acid-base indicator dye with unusual properties (2017) <i>Coloration Technology</i>, 133 (2), pp. 135-144.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&amp;doi=10.1111%2Fcote.12254&amp;partnerID=40&amp;md5=9275083beb893ea66ba1c40a0a8a2849DOI:10.1111/cote.12254">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&amp;doi=10.1111%2Fcote.12254&amp;partnerID=40&amp;md5=9275083beb893ea66ba1c40a0a8a2849DOI:10.1111/cote.12254</a></p>	<p>537, 325, 10.1016/j.colsurfa.2017.10.030</p> <p>5. Kamneva, NN; Tkachenko, VV; Mchedlov-Petrosyan, NO; Marynin, AI; Ukrainets, AI; Malysheva, ML; Osawa, E. Interfacial Electrical Properties of Nanodiamond Colloidal Species in Aqueous Medium as Examined by Acid-Base Indicator Dyes. <i>SURFACE ENGINEERING AND APPLIED ELECTROCHEMISTRY</i>, 2018, 54, 64. 10.3103/S1068375518010088</p> <p>6. Farafonov, VS; Lebed, AV; Mchedlov-Petrosyan, NO. Character of Localization and Microenvironment of Solvatochromic Reichardt's Betaine Dye in Sodium n-Dodecyl Sulfate and Cetyltrimethylammonium Bromide Micelles: Molecular Dynamics Simulation Study. <i>LANGMUIR</i>, 2017, 33, 8342, 10.1021/acs.langmuir.7b01737</p> <p>7. Kharchenko, AY; Moskaeva, OG; Klochaniuk, OR; Marfunin, MO; Mchedlov-Petrosyan, NO. Effect of poly (sodium 4-styrenesulfonate) on the ionization constants of acid-base indicator dyes in aqueous solutions. <i>COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS</i>, 2017, 527, 132. 10.1016/j.colsurfa.2017.05.030</p> <p>8. Mchedlov-Petrosyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI; Zozulia, OS. Formation and ageing of the fullerene C-60 colloids in polar organic solvents. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2017, 235, 98, 10.1016/j.molliq.2016.10.113</p> <p>9. Mchedlov-Petrosyan, NO; Laguta, AN; Shekhovtsov, SV; Eltsov, SV; Chepesh, TA; Omelchenko, IV; Shishkin, OV. 3,3'-Dinitrophenolsulphonophthalein: an acid-base indicator dye with unusual properties. <i>COLORATION TECHNOLOGY</i> 2017, 133, 2, 1356 10.1111/cote.12254</p> <p>10. Mchedlov-Petrosyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI. Interaction of C-60 aggregates with electrolytes in acetonitrile. <i>COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS</i>, 2017, 516, 345, 10.1016/j.colsurfa.2016.12.035.</p> <p>11. Obukhova, EN; Mchedlov-Petrosyan, NO; Vodolazkaya, NA; Patsenker, LD; Doroshenko, AO; Marynin, AI; Krasovitskii, BM. Absorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate. <i>SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY</i>, 2017, 170, 138, 10.1016/j.saa.2016.07.002, WOS:000398746600019.</p> <p>12. Mchedlov-Petrosyan, NO; Chepesh, TA; Vodolazkaya, NA. Acid-base dissociation and tautomerism of two aminofluorescein dyes in solution. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2017, 225, 696. 10.1016/j.molliq.2016.10.121.</p> <p>13. Mchedlov-Petrosyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI; Shekhovtsov, SV. The peculiar behavior of fullerene C-60 in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems. <i>COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS</i>, 2016, 509, 631, 10.1016/j.colsurfa.2016.09.045.</p> <p>14. Kharchenko, AY; Kamneva, NN; Mchedlov-Petrosyan, NO. The properties and composition of the SDS-1-butanol mixed micelles as determined via acid-base indicators. <i>COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS</i>, 2016, 507, 243,</p>
--	--	--	--	---

			<p>11. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I. Interaction of C60 aggregates with electrolytes in acetonitrile (2017) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 516, pp. 345-353. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008195329&amp;doi=10.1016%2Fj.colsurfa.2016.12.035&amp;partnerID=40&amp;md5=edcc5b009f05860b363d1e852933bad">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008195329&amp;doi=10.1016%2Fj.colsurfa.2016.12.035&amp;partnerID=40&amp;md5=edcc5b009f05860b363d1e852933bad</a> DOI: 10.1016/j.colsurfa.2016.12.035</p> <p>12. Obukhova, E.N., Mchedlov-Petrossyan, N.O., Vodolazkaya, N.A., Patsenker, L.D., Doroshenko, A.O., Marynin, A.I., Krasovitskii, B.M. Absorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate (2017) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i>, 170, pp. 138-144. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&amp;doi=10.1016%2Fj.saa.2016.07.002&amp;partnerID=40&amp;md5=601ee444ba0ee00c1c50b9a3b2a0ffc9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&amp;doi=10.1016%2Fj.saa.2016.07.002&amp;partnerID=40&amp;md5=601ee444ba0ee00c1c50b9a3b2a0ffc9</a> DOI: 10.1016/j.saa.2016.07.002</p> <p>13. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Vodolazkaya, N.A. Acid-base dissociation and tautomerism of two aminofluorescein dyes in solution (2017) <i>Journal of Molecular Liquids</i>, 225, pp. 696-705. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&amp;doi=10.1016%2Fj.molliq.2016.10.121&amp;partnerID=40&amp;md5=ed2ac7745cc758f31c701c307cb15945">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&amp;doi=10.1016%2Fj.molliq.2016.10.121&amp;partnerID=40&amp;md5=ed2ac7745cc758f31c701c307cb15945</a> DOI: 10.1016/j.molliq.2016.10.121</p> <p>14. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Shekhovtsov, S.V. The peculiar behavior of fullerene C60 in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems (2016) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 509, pp. 631-637. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&amp;doi=10.1016%2Fj.colsurfa.2016.09.045&amp;partnerID=40&amp;md5=bcf1353172f9b66bf519b30855bf04cf">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&amp;doi=10.1016%2Fj.colsurfa.2016.09.045&amp;partnerID=40&amp;md5=bcf1353172f9b66bf519b30855bf04cf</a> DOI: 10.1016/j.colsurfa.2016.09.045</p> <p>15. Kharchenko, A.Y., Kamneva, N.N., Mchedlov-Petrossyan, N.O. The properties and composition of the SDS – 1-butanol mixed micelles as determined via acid-base indicators (2016) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 507, pp. 243-254. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981516880&amp;doi=10.1016%2Fj.colsurfa.2016.08.004&amp;partnerID=40&amp;md5=b0396505e2ca482c5f6267d651c68f53">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981516880&amp;doi=10.1016%2Fj.colsurfa.2016.08.004&amp;partnerID=40&amp;md5=b0396505e2ca482c5f6267d651c68f53</a> DOI: 10.1016/j.colsurfa.2016.08.004</p> <p>16. Mchedlov-Petrossyan, N.O., Al-Shuuchi, Y.T.M., Kamneva, N.N., Marynin, A.I., Klochkov, V.K. Interactions of Nanosized Aggregates of Fullerene C60 with Electrolytes in Methanol: Coagulation and Overcharging of Particles (2016) <i>Langmuir</i>, 32 (39), pp. 10065-10072. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990046294&amp;doi=10.1021%2Facs.langmuir.6b02533&amp;partnerID=40&amp;md5=34abb6df0d48cb91177898a78bf5ce27">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990046294&amp;doi=10.1021%2Facs.langmuir.6b02533&amp;partnerID=40&amp;md5=34abb6df0d48cb91177898a78bf5ce27</a> DOI: 10.1021/acs.langmuir.6b02533</p> <p>17. Reshetnyak, E.A., Chernyshova, O.S., Mchedlov-Petrosyan, N.O. Premicellar aggregation in water-salt solutions of sodium alkyl sulfonates and dodecyl sulfate (2016) <i>Colloid Journal</i>, 78 (5), pp. 647-651. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988735789&amp;doi=10.1134%2FS1061933X16050124&amp;partnerID=40&amp;md5=fcf923a789bcb4be28a5d082c562d95a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988735789&amp;doi=10.1134%2FS1061933X16050124&amp;partnerID=40&amp;md5=fcf923a789bcb4be28a5d082c562d95a</a> DOI: 10.1134/S1061933X16050124</p> <p>18. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Roshal, A.D.,</p>	<p>10.1016/j.colsurfa.2016.08.004.</p> <p>15. Mchedlov-Petrossyan, NO; Cheipesh, TA; Roshal, AD; Doroshenko, AO; Vodolazkaya, NA. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates. <i>METHODS AND APPLICATIONS IN FLUORESCENCE</i>, 2016, 4, 3, 10.1088/2050-6120/4/3/034002</p> <p>16. Mchedlov-Petrossyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI; Zozulia, OS; Kryshtal, AP; Klochkov, VK; Shekhovtsov, SV. Towards better understanding of C-60 organosols. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2016, 18, 4, 2517, 10.1039/c5cp06806a</p> <p>17. Mchedlov-Petrossyan, NO; Cheipesh, TA; Shekhovtsov, SV; Redko, AN; Rybachenko, VI; Omelchenko, IV; Shishkin, OV. Ionization and tautomerism of methyl fluorescein and related dyes. <i>SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY</i>, 2015, 150, 151, 10.1016/j.saa.2015.05.037</p> <p>18. Mchedlov-Petrossyan, NO; Kamneva, NN; Kharchenko, AY; Shekhovtsov, SV; Marinin, AI; Kryshtal, AP. The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes. <i>COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS</i>, 2015, 476, 57, 10.1016/j.colsurfa.2015.03.001</p> <p>19. Mchedlov-Petrossyan, NO; Roshchyna, KV; Shekhovtsov, SV; Eltsov, SV; Zozulia, OS; Omelchenko, IV; Shishkin, OV. Revisiting tetranitrophenolsulfonephthalein. <i>COLORATION TECHNOLOGY</i>, 2015, 131, 3, 236, 10.1111/cote.12145</p> <p>20. Mchedlov-Petrossyan, NO; Kamneva, NN; Osawa, E; Marynin, AI; Goga, ST; Tkachenko, VV; Kryshtal, AP. Colloidal Solution of 3 nm Bucky Diamond: Primary Particles of Detonation Nanodiamond. <i>PHYSICS OF LIQUID MATTER: MODERN PROBLEMS</i>, 2015, 171, 199, 10.1007/978-3-319-20875-6_8</p> <p>21. Mchedlov-Petrossyan, NO; Kamneva, NN; Kryshtal, AP; Marynin, AI; Zakharevich, VB; Tkachenko, VV. THE PROPERTIES OF 3 nm-SIZED DETONATION DIAMOND FROM THE POINT OF VIEW OF COLLOID SCIENCE. <i>UKRAINIAN JOURNAL OF PHYSICS</i>, 2015, 60, 9, 932, 10.15407/ujpe60.09.0932</p> <p>22. Mchedlov-Petrossyan, NO; Kamneva, NN; Marynin, AI; Kryshtal, AP; Osawa, E. Colloidal properties and behaviors of 3 nm primary particles of detonation nanodiamonds in aqueous media. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2015, 17, 24, 16186, 10.1039/c5cp01405k.</p> <p>23. Roshchyna, KV; Eltsov, SV; Laguta, AN; Mchedlov-Petrossyan, NO. Micellar rate effects in the alkaline fading of crystal violet in the presence of various surfactants. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2015, 201, 77, 10.1016/j.molliq.2014.11.013</p> <p>24. Lebed, AV; Palval, IN; Mchedlov-Petrossyan, NO. The comparison of the dissociation constants of ionophores in solutions as obtained by conductometric and spectrophotometric methods. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2014, 200, 136, 10.1016/j.molliq.2014.10.002.</p> <p>25. Kamneva, NN; Kharchenko, AY; Bykova, OS; Sundenko, AV;</p>
--	--	--	---	--

			<p>Doroshenko, A.O., Vodolazkaya, N.A. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates (2016) <i>Methods and Applications in Fluorescence</i>, 4 (3), статья № 034002, <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2f2050-6120%2f4%2f3%2f034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2f2050-6120%2f4%2f3%2f034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00</a> DOI: 10.1088/2050-6120/4/3/034002</p> <p>19. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S., Kryshtal, A.P., Klochkov, V.K., Shekhovtsov, S.V. Towards better understanding of C60 organosols (2016) <i>Physical Chemistry Chemical Physics</i>, 18 (4), pp. 2517-2526. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&amp;doi=10.1039%2fc5cp06806a&amp;partnerID=40&amp;md5=d94aff8762e2d217a8bead445f414866">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&amp;doi=10.1039%2fc5cp06806a&amp;partnerID=40&amp;md5=d94aff8762e2d217a8bead445f414866</a> DOI: 10.1039/c5cp06806a</p> <p>20. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Kryshtal, A.P., Marynin, A.I., Zakharevich, V.B., Tkachenko, V.V. The properties of 3 nm-sized detonation diamond from the point of view of colloid science (2015) <i>Ukrainian Journal of Physics</i>, 60 (9), pp. 932-937. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941095892&amp;doi=10.15407%2fujpe60.09.0932&amp;partnerID=40&amp;md5=30e4886f535bd0be71d0c5d64094699b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941095892&amp;doi=10.15407%2fujpe60.09.0932&amp;partnerID=40&amp;md5=30e4886f535bd0be71d0c5d64094699b</a> DOI: 10.15407/ujpe60.09.0932</p> <p>21. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Kharchenko, A., Shekhovtsov, S.V., Marinin, A.I., Kryshtal, A.P. The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes (2015) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 476, pp. 57-67. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&amp;doi=10.1016%2fj.colsurfa.2015.03.001&amp;partnerID=40&amp;md5=746227da0c0396e8a8d22420f61638de">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&amp;doi=10.1016%2fj.colsurfa.2015.03.001&amp;partnerID=40&amp;md5=746227da0c0396e8a8d22420f61638de</a> DOI: 10.1016/j.colsurfa.2015.03.001</p> <p>22. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Marynin, A.I., Kryshtal, A.P., Osawa, E. Colloidal properties and behaviors of 3 nm primary particles of detonation nanodiamonds in aqueous media (2015) <i>Physical Chemistry Chemical Physics</i>, 17 (24), pp. 16186-16203. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935910778&amp;doi=10.1039%2fc5cp01405k&amp;partnerID=40&amp;md5=7ece8124d756cd5eb37d4d61d9d23383">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935910778&amp;doi=10.1039%2fc5cp01405k&amp;partnerID=40&amp;md5=7ece8124d756cd5eb37d4d61d9d23383</a> DOI: 10.1039/c5cp01405k</p> <p>23. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Shekhovtsov, S.V., Redko, A.N., Rybachenko, V.I., Omelchenko, I.V., Shishkin, O.V. Ionization and tautomerism of methyl fluorescein and related dyes (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i>, 150, статья № 13704, pp. 151-161. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&amp;doi=10.1016%2fj.saa.2015.05.037&amp;partnerID=40&amp;md5=8fc3d020c32ce1010c85b6d30cca38b5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&amp;doi=10.1016%2fj.saa.2015.05.037&amp;partnerID=40&amp;md5=8fc3d020c32ce1010c85b6d30cca38b5</a> DOI: 10.1016/j.saa.2015.05.037</p> <p>24. Mchedlov-Petrossyan, N.O., Roshchyna, K.V., Shekhovtsov, S.V., Eltsov, S.V., Zozulia, O.S., Omelchenko, I.V., Shishkin, O.V. Revisiting tetranitrophenolsulfonephthalein (2015) <i>Coloration Technology</i>, 131 (3), pp. 236-244. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-">https://www.scopus.com/inward/record.uri?eid=2-s2.0-</a></p>	<p>Mchedlov-Petrossyan, NO. The influence of 1-butanol and electrolytic background on the properties of CTAB micelles as examined using a set of indicator dyes. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2014, 199, 376, 10.1016/j.molliq.2014.09.022.</p> <p>26. Lebed, AV; Biryukov, AV; Mchedlov-Petrossyan, NO. A Quantum-Chemical Study of Tautomeric Equilibria of Fluorescein Dyes in DMSO. <i>CHEMISTRY OF HETEROCYCLIC COMPOUNDS</i>, 2014, 50, 3, 336, 10.1007/s10593-014-1481-8.</p> <p>27. Cheipesh, TA; Zagorulko, ES; Mchedlov-Petrossyan, NO; Rodik, RV; Kalchenko, VI. The difference between the aggregates of short-tailed and long-tailed cationic calix[4]arene in water as detected using fluorescein dyes. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2014, 193, 232, 10.1016/j.molliq.2013.12.049.</p> <p>28. Vodolazkaya, NA; Kleshchevnikova, YA; Mchedlov-Petrossyan, NO. Differentiating impact of the AOT-stabilized droplets of water-in-octane microemulsions as examined using halogenated fluoresceins as molecular probes. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2013, 187, 381, 10.1016/j.molliq.2013.08.018.</p> <p>29. Mchedlov-Petrossyan, NO. Fullerenes in Liquid Media: An Unsettling Intrusion into the Solution Chemistry. <i>CHEMICAL REVIEWS</i>, 2013, 113, 7, 5149, 10.1021/cr3005026.</p> <p>30. Goga, ST; Mchedlov-Petrossyan, NO; Glazkova, EN; Lebed, AV. Thermodynamics of solubility and solvation of N-cetylpyridinium perchlorate and related compounds in water-propanol-2 system. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2013, 177, 237, 10.1016/j.molliq.2012.11.004.</p> <p>31. Mchedlov-Petrossyan, NO; Vodolazkaya, NA; Rodik, RV; Bogdanova, LN; Cheipesh, TA; Soboleva, OY; Kryshtal, AP; Kutuzova, LV; Kalchenko, VI. Colloidal Nature of Cationic Calix[6]arene Aqueous Solutions. <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2012, 116, 18, 10245, 10.1021/jp210405s.</p> <p>32. Shekhovtsov, SV; Omelchenko, IV; Dyakonenko, VV; Shishkin, OV; Allmann, R; Libor, T; Reichardt, C; Mchedlov-Petrossyan, NO. Synthesis and crystal structure determination of 2,6-di-tert-butyl-4-(2,4,6-triphenylpyridinium-1-yl)phenolate and its corresponding perchlorate salt. <i>DYES AND PIGMENTS</i>, 2012, 92, 3, 1394, 10.1016/j.dyepig.2011.06.029.</p> <p>33. Coeur-Tourneur, C; Kopychenko, DY; Mchedlov-Petrossyan, PO. THEORY OF HETEROGENEOUS/HOMOGENEOUS CATALYTIC REACTION WITH PRESATURATION. <i>PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY</i>, 2012, 1, 311.</p>
--	--	--	--	--

			<p>84929521358&amp;doi=10.1111%2fcote.12145&amp;partnerID=40&amp;md5=256ee320b69cea5d7815da88f89e3c8a DOI: 10.1111/cote.12145</p> <p>25. Roshchyna, K.V., Eltsov, S.V., Laguta, A.N., McHedlov-Petrosyan, N.O. Micellar rate effects in the alkaline fading of crystal violet in the presence of various surfactants (2015) <i>Journal of Molecular Liquids</i>, 201, pp. 77-82.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919797442&amp;doi=10.1016%2fj.molliq.2014.11.013&amp;partnerID=40&amp;md5=6d4a5ceb8fe373c9a5fe9ae5e7343da3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919797442&amp;doi=10.1016%2fj.molliq.2014.11.013&amp;partnerID=40&amp;md5=6d4a5ceb8fe373c9a5fe9ae5e7343da3</a> DOI: 10.1016/j.molliq.2014.11.013</p> <p>26. McHedlov-Petrosyan, N.O., Kamneva, N.N., Ōsawa, E., Marynin, A.I., Goga, S.T., Tkachenko, V.V., Kryshal, A.P. Colloidal solution of 3 nm bucky diamond: Primary particles of detonation nanodiamond (2015) <i>Springer Proceedings in Physics</i>, 171, pp. 199-217.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950299082&amp;doi=10.1007%2f978-3-319-20875-6_8&amp;partnerID=40&amp;md5=02eac8db9fcb297f7fb8197383e1d539">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950299082&amp;doi=10.1007%2f978-3-319-20875-6_8&amp;partnerID=40&amp;md5=02eac8db9fcb297f7fb8197383e1d539</a> DOI: 10.1007/978-3-319-20875-6_8</p> <p>27. Cheipesh, T.A., Zagorulko, E.S., McHedlov-Petrosyan, N.O., Rodik, R.V., Kalchenko, V.I. The difference between the aggregates of short-tailed and long-tailed cationic calix[4]arene in water as detected using fluorescein dyes (2014) <i>Journal of Molecular Liquids</i>, 193, pp. 232-238.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892934413&amp;doi=10.1016%2fj.molliq.2013.12.049&amp;partnerID=40&amp;md5=b9d3a0b47d320ea4c7ebd0e20b69a357">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892934413&amp;doi=10.1016%2fj.molliq.2013.12.049&amp;partnerID=40&amp;md5=b9d3a0b47d320ea4c7ebd0e20b69a357</a> DOI: 10.1016/j.molliq.2013.12.049</p> <p>28. Mchedlov-Petrosyan, N.O. Adsorption of ionic surfactants on water/air interface: One more transformation of the Gibbs equation (2014) <i>Surface Engineering and Applied Electrochemistry</i>, 50 (2), pp. 173-182.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900540186&amp;doi=10.3103%2fS1068375514020100&amp;partnerID=40&amp;md5=9729cfd19f612fe74d4a2433b1a12bca">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900540186&amp;doi=10.3103%2fS1068375514020100&amp;partnerID=40&amp;md5=9729cfd19f612fe74d4a2433b1a12bca</a> DOI: 10.3103/S1068375514020100</p> <p>29. Lebed, A.V., Palval, I.N., McHedlov-Petrosyan, N.O. The comparison of the dissociation constants of ionophores in solutions as obtained by conductometric and spectrophotometric methods (2014) <i>Journal of Molecular Liquids</i>, 200 (PB), pp. 136-138.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919343189&amp;doi=10.1016%2fj.molliq.2014.10.002&amp;partnerID=40&amp;md5=5902535ccb52431c4b52e1144d6316d2">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919343189&amp;doi=10.1016%2fj.molliq.2014.10.002&amp;partnerID=40&amp;md5=5902535ccb52431c4b52e1144d6316d2</a> DOI: 10.1016/j.molliq.2014.10.002</p> <p>30. Lebed, A.V., Biryukov, A.V., McHedlov-Petrosyan, N.O. A quantum-chemical study of tautomeric equilibria of fluorescein dyes in DMSO (2014) <i>Chemistry of Heterocyclic Compounds</i>, 50 (3), pp. 336-348.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904346563&amp;doi=10.1007%2fs10593-014-1481-8&amp;partnerID=40&amp;md5=27f53a54c86b06c771d41b2a191ce558">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904346563&amp;doi=10.1007%2fs10593-014-1481-8&amp;partnerID=40&amp;md5=27f53a54c86b06c771d41b2a191ce558</a> DOI: 10.1007/s10593-014-1481-8</p> <p>31. Kamneva, N.N., Kharchenko, A.Y., Bykova, O.S., Sundenko, A.V., McHedlov-Petrosyan, N.O. The influence of 1-butanol and electrolytic background on the properties of CTAB micelles as examined using a set of indicator dyes (2014) <i>Journal of Molecular Liquids</i>, 199, pp. 376-384.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907529221&amp;doi=10.1016%2fj.molliq.2014.09.022&amp;partnerID=40&amp;md5=b319">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907529221&amp;doi=10.1016%2fj.molliq.2014.09.022&amp;partnerID=40&amp;md5=b319</a></p>	
--	--	--	--	--

			<p>032b87f82384a48b91e34ff63bbb DOI: 10.1016/j.molliq.2014.09.022</p> <p>32. Reshetnyak, E.A., Chernysheva, O.S., Nikitina, N.A., Loginova, L.P., Mchedlov-Petrosyan, N.O. Activity coefficients of alkyl sulfate and alkylsulfonate ions in aqueous and water-salt premicellar solutions (2014) <i>Colloid Journal</i>, 76 (3), pp. 358-365. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903137629&amp;doi=10.1134%2fS1061933X14030132&amp;partnerID=40&amp;md5=0506784f4bad97c5c9a1fdcbcd36aa0d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903137629&amp;doi=10.1134%2fS1061933X14030132&amp;partnerID=40&amp;md5=0506784f4bad97c5c9a1fdcbcd36aa0d</a> DOI: 10.1134/S1061933X14030132</p> <p>33. Vodolazkaya, N.A., Kleshchevnikova, Y.A., McHedlov-Petrosyan, N.O. Differentiating impact of the AOT-stabilized droplets of water-in-octane microemulsions as examined using halogenated fluoresceins as molecular probes (2013) <i>Journal of Molecular Liquids</i>, 187, pp. 381-388. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886597895&amp;doi=10.1016%2fj.molliq.2013.08.018&amp;partnerID=40&amp;md5=0bfe923398c70dd7183826ec8de4e1d7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886597895&amp;doi=10.1016%2fj.molliq.2013.08.018&amp;partnerID=40&amp;md5=0bfe923398c70dd7183826ec8de4e1d7</a> DOI: 10.1016/j.molliq.2013.08.018</p> <p>34. Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Kamneva, N.N. Acid-Base equilibrium in aqueous micellar solutions of surfactants (2013) <i>Micelles: Structural Biochemistry, Formation and Functions and Usage</i>, pp. 1-72. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&amp;partnerID=40&amp;md5=d114310038b388cb4b8bafec324db883b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&amp;partnerID=40&amp;md5=d114310038b388cb4b8bafec324db883b</a></p> <p>35. McHedlov-Petrosyan, N.O. Fullerenes in liquid media: An unsettling intrusion into the solution chemistry (2013) <i>Chemical Reviews</i>, 113 (7), pp. 5149-5193. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880128607&amp;doi=10.1021%2fcr3005026&amp;partnerID=40&amp;md5=0ece83f8743f66c38d8f5ea84f2368d7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880128607&amp;doi=10.1021%2fcr3005026&amp;partnerID=40&amp;md5=0ece83f8743f66c38d8f5ea84f2368d7</a> DOI: 10.1021/cr3005026</p> <p>36. Goga, S.T., Mchedlov-Petrosyan, N.O., Glazkova, E.N., Lebed, A.V. Thermodynamics of solubility and solvation of N-cetylpyridinium perchlorate and related compounds in water-propanol-2 system (2013) <i>Journal of Molecular Liquids</i>, 177, pp. 237-242. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870693051&amp;doi=10.1016%2fj.molliq.2012.11.004&amp;partnerID=40&amp;md5=059f3861d344f1810e38dd8c7bd4e0d4">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870693051&amp;doi=10.1016%2fj.molliq.2012.11.004&amp;partnerID=40&amp;md5=059f3861d344f1810e38dd8c7bd4e0d4</a> DOI: 10.1016/j.molliq.2012.11.004</p> <p>37. McHedlov-Petrosyan, N.O., Vodolazkaya, N.A., Rodik, R.V., Bogdanova, L.N., Cheipesh, T.A., Soboleva, O.Y., Kryshchal, A.P., Kutuzova, L.V., Kalchenko, V.I. Colloidal nature of cationic calix[6]arene aqueous solutions (2012) <i>Journal of Physical Chemistry C</i>, 116 (18), pp. 10245-10259. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&amp;doi=10.1021%2fjp210405s&amp;partnerID=40&amp;md5=dd98c6515df18bc5b3aca5916d75edde">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&amp;doi=10.1021%2fjp210405s&amp;partnerID=40&amp;md5=dd98c6515df18bc5b3aca5916d75edde</a> DOI: 10.1021/jp210405s</p> <p>38. Shekhovtsov, S.V., Omelchenko, I.V., Dyakonenko, V.V., Shishkin, O.V., Allmann, R., Libor, T., Reichardt, C., McHedlov-Petrosyan, N.O. Synthesis and crystal structure determination of 2,6-di-tert-butyl-4-(2,4,6-triphenylpyridinium-1-yl)phenolate and its corresponding perchlorate salt (2012) <i>Dyes and Pigments</i>, 92 (3), pp. 1394-1399. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054965164&amp;doi=10.1016%2fj.dyepig.2011.06.029&amp;partnerID=40&amp;md5=29fde1b14fa107ebec8c12de2b753e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054965164&amp;doi=10.1016%2fj.dyepig.2011.06.029&amp;partnerID=40&amp;md5=29fde1b14fa107ebec8c12de2b753e</a> DOI: 10.1016/j.dyepig.2011.06.029</p>			
Хімічний	Органічної	Кириченко	29	1. Blazhynska, M.M., Kyrychenko, A., Kalugin, O.N. <i>Molecular</i>	33	1. Svechkarev, D; Kyrychenko, A; Payne, WM; Mohs, AM. Probing the

хімії	Олександр Васильович	<p>dynamics simulation of the size-dependent morphological stability of cubic shape silver nanoparticles (2018) <i>Molecular Simulation</i>, 44 (12), pp. 981-991. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046718099&amp;doi=10.1080%2f08927022.2018.1469751&amp;partnerID=40&amp;md5=38074465e9350922d4c940384f3ff1c0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046718099&amp;doi=10.1080%2f08927022.2018.1469751&amp;partnerID=40&amp;md5=38074465e9350922d4c940384f3ff1c0</a> DOI: 10.1080/08927022.2018.1469751</p> <p>2. Kyrychenko, A., Lim, N.M., Vasquez-Montes, V., Rodnin, M.V., Freitas, J.A., Nguyen, L.P., Tobias, D.J., Mobley, D.L., Ladokhin, A.S. Refining Protein Penetration into the Lipid Bilayer Using Fluorescence Quenching and Molecular Dynamics Simulations: The Case of Diphtheria Toxin Translocation Domain (2018) <i>Journal of Membrane Biology</i>, 251 (3), pp. 379-391. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044066327&amp;doi=10.1007%2fs00232-018-0030-2&amp;partnerID=40&amp;md5=38e0c125271309602e7365478db385cd">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044066327&amp;doi=10.1007%2fs00232-018-0030-2&amp;partnerID=40&amp;md5=38e0c125271309602e7365478db385cd</a> DOI: 10.1007/s00232-018-0030-2</p> <p>3. Posokhov, Y., Kyrychenko, A. Location of fluorescent probes (2'-hydroxy derivatives of 2,5-diaryl-1,3-oxazole) in lipid membrane studied by fluorescence spectroscopy and molecular dynamics simulation (2018) <i>Biophysical Chemistry</i>, 235, pp. 9-18. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041606830&amp;doi=10.1016%2fj.bpc.2018.01.005&amp;partnerID=40&amp;md5=1b28d5dd993bedb5a2f228743d7e7a4">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041606830&amp;doi=10.1016%2fj.bpc.2018.01.005&amp;partnerID=40&amp;md5=1b28d5dd993bedb5a2f228743d7e7a4</a> DOI: 10.1016/j.bpc.2018.01.005</p> <p>4. Payne, W.M., Svechkarev, D., Kyrychenko, A., Mohs, A.M. The role of hydrophobic modification on hyaluronic acid dynamics and self-assembly (2018) <i>Carbohydrate Polymers</i>, 182, pp. 132-141. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032892908&amp;doi=10.1016%2fj.carbpol.2017.10.054&amp;partnerID=40&amp;md5=94c4d33b89488031dca66f6fedbbdfef">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032892908&amp;doi=10.1016%2fj.carbpol.2017.10.054&amp;partnerID=40&amp;md5=94c4d33b89488031dca66f6fedbbdfef</a> DOI: 10.1016/j.carbpol.2017.10.054</p> <p>5. Svechkarev, D., Kyrychenko, A., Payne, W.M., Mohs, A.M. Development of colloiddally stable carbazole-based fluorescent nanoaggregates (2018) <i>Journal of Photochemistry and Photobiology A: Chemistry</i>, 352, pp. 55-64. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032837325&amp;doi=10.1016%2fj.jphotochem.2017.10.042&amp;partnerID=40&amp;md5=fbd329cd68b138e38db2e610b7446802">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032837325&amp;doi=10.1016%2fj.jphotochem.2017.10.042&amp;partnerID=40&amp;md5=fbd329cd68b138e38db2e610b7446802</a> DOI: 10.1016/j.jphotochem.2017.10.042</p> <p>6. Kyrychenko, A.V., Ladokhin, A.S. Fluorescence tools for studies of membrane protein insertion (2018) <i>Biopolymers and Cell</i>, 34 (4), pp. 251-270. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059513979&amp;doi=10.7124%2fbc.00097F&amp;partnerID=40&amp;md5=701340cf1b259b267710faa45d85ebc7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059513979&amp;doi=10.7124%2fbc.00097F&amp;partnerID=40&amp;md5=701340cf1b259b267710faa45d85ebc7</a> DOI: 10.7124/bc.00097F</p> <p>7. Svechkarev, D., Kyrychenko, A., Payne, W.M., Mohs, A.M. Probing the self-assembly dynamics and internal structure of amphiphilic hyaluronic acid conjugates by fluorescence spectroscopy and molecular dynamics simulations (2018) <i>Soft Matter</i>, 14 (23), pp. 4762-4771. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048562005&amp;doi=10.1039%2fc8sm00908b&amp;partnerID=40&amp;md5=2d31debc6d2838af12e57c12d99f366d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048562005&amp;doi=10.1039%2fc8sm00908b&amp;partnerID=40&amp;md5=2d31debc6d2838af12e57c12d99f366d</a> DOI: 10.1039/c8sm00908b</p> <p>8. Kyrychenko, A., Rodnin, M.V., Ghatak, C., Ladokhin, A.S. Computational refinement of spectroscopic FRET measurements (2017) <i>Data in Brief</i>, 12, pp. 213-221. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017527688&amp;doi=10.1016%2fj.dib.2017.03.041&amp;partnerID=40&amp;md5=eec92c073f8b938aef0054a36e65f155">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85017527688&amp;doi=10.1016%2fj.dib.2017.03.041&amp;partnerID=40&amp;md5=eec92c073f8b938aef0054a36e65f155</a> DOI: 10.1016/j.dib.2017.03.041</p>	<p>self-assembly dynamics and internal structure of amphiphilic hyaluronic acid conjugates by fluorescence spectroscopy and molecular dynamics simulations. <i>SOFT MATTER</i>, 2018, 14, 23, 4762, 10.1039/c8sm00908b.</p> <p>2. Kyrychenko, A.; Lim, NM; Vasquez-Montes, V; Rodnin, MV; Freitas, JA; Nguyen, LP; Tobias, DJ; Mobley, DL; Ladokhin, AS. Refining Protein Penetration into the Lipid Bilayer Using Fluorescence Quenching and Molecular Dynamics Simulations: The Case of Diphtheria Toxin Translocation Domain. <i>JOURNAL OF MEMBRANE BIOLOGY</i>, 2018, 251, 3, 379, 10.1007/s00232-018-0030-2.</p> <p>3. Posokhov, Y; Kyrychenko, A. Location of fluorescent probes (2'-hydroxy derivatives of 2,5-diaryl-1,3-oxazole) in lipid membrane studied by fluorescence spectroscopy and molecular dynamics simulation. <i>BIOPHYSICAL CHEMISTRY</i>, 2018, 235, 9, 18, 10.1016/j.bpc.2018.01.005.</p> <p>4. Svechkarev, D; Kyrychenko, A; Payne, W; Mohs, A. Self-assembly dynamics and inner morphology of hydrophobically modified hyaluronic acid nanoparticles: Towards design of optimized drug nanocarriers. <i>ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY</i>, 2018, 255, 363.</p> <p>5. Payne, WM; Svechkarev, D; Kyrychenko, A; Mohs, AM. The role of hydrophobic modification on hyaluronic acid dynamics and self-assembly. <i>CARBOHYDRATE POLYMERS</i>, 2018, 182, 132, 10.1016/j.carbpol.2017.10.054.</p> <p>6. Svechkarev, D; Kyrychenko, A; Payne, WM; Mohs, AM. Development of colloiddally stable carbazole-based fluorescent nanoaggregates. <i>JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY</i>, 2018, 352, 55, 10.1016/j.jphotochem.2017.10.042.</p> <p>7. Blazhynska, MM; Kyrychenko, A; Kalugin, ON. Molecular dynamics simulation of the size-dependent morphological stability of cubic shape silver nanoparticles. <i>MOLECULAR SIMULATION</i>, 2018, 44, 12, 981, 10.1080/08927022.2018.1469751.</p> <p>8. Kyrychenko, A; Rodnin, MV; Ghatak, C; Ladokhin, AS. Computational refinement of spectroscopic FRET measurements. <i>DATA IN BRIEF</i>, 2017, 12, 213, 10.1016/j.dib.2017.03.041.</p> <p>9. Kyrychenko, A; Pasko, DA; Kalugin, ON. Poly(vinyl alcohol) as a water protecting agent for silver nanoparticles: the role of polymer size and structure. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2017, 19, 13, 8742, 10.1039/c6cp05562a.</p> <p>10. Kyrychenko, A; Rodnin, MV; Ghatak, C; Ladokhin, AS. Joint refinement of FRET measurements using spectroscopic and computational tools. <i>ANALYTICAL BIOCHEMISTRY</i>, 2017, 522, 1, 9, 10.1016/j.ab.2017.01.011.</p> <p>11. Kyrychenko, A; Posokhov, YO; Vargas-Urabe, M; Ghatak, C; Rodnin, MV; Ladokhin, AS; Geddes, CD. Fluorescence Applications for Structural and Thermodynamic Studies of Membrane Protein Insertion. <i>REVIEWS IN FLUORESCENCE 2016</i>, <i>Reviews in Fluorescence</i>, 2017, 243, 10.1007/978-3-319-48260-6_10.</p> <p>12. Vasquez-Montes, V; Kyrychenko, A; Rodnin, MV; White, SH; Ulmschneider, MB; Ladokhin, AS. Interplay between Hydrophobic and Electrostatic Interactions in Protonation-Dependent Insertion of Transmembrane Helices. <i>BIOPHYSICAL JOURNAL</i>, 2016, 110, 3, 1,</p>
-------	----------------------	---	---

			<p>9. Kyrychenko, A., Rodnin, M.V., Ghatak, C., Ladokhin, A.S. Joint refinement of FRET measurements using spectroscopic and computational tools (2017) <i>Analytical Biochemistry</i>, 522, pp. 1-9. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010387172&amp;doi=10.1016%2fj.ab.2017.01.011&amp;partnerID=40&amp;md5=af6ed587e0109c6390f268fbfd796c4">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010387172&amp;doi=10.1016%2fj.ab.2017.01.011&amp;partnerID=40&amp;md5=af6ed587e0109c6390f268fbfd796c4</a> DOI: 10.1016/j.ab.2017.01.011</p> <p>10. Kyrychenko, A., Pasko, D.A., Kalugin, O.N. Poly(vinyl alcohol) as a water protecting agent for silver nanoparticles: The role of polymer size and structure (2017) <i>Physical Chemistry Chemical Physics</i>, 19 (13), pp. 8742-8756. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019903077&amp;doi=10.1039%2fc6cp05562a&amp;partnerID=40&amp;md5=908a892c5a8249bc1489d7fcc3ce718e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019903077&amp;doi=10.1039%2fc6cp05562a&amp;partnerID=40&amp;md5=908a892c5a8249bc1489d7fcc3ce718e</a> DOI: 10.1039/c6cp05562a</p> <p>11. Rogov, A., Tishchenko, I., Joulaud, C., Pastushenko, A., Ryabchikov, Y., Kyrychenko, A., Mishchuk, D., Kharin, A., Timoshenko, V., Mugnier, Y., Le Dantec, R., Geloan, A., Wolf, J.-P., Lysenko, V., Bonacina, L. Nonlinear optical properties of silicon carbide (SiC) nanoparticles by carbothermal reduction (2016) <i>Progress in Biomedical Optics and Imaging - Proceedings of SPIE</i>, 9722, статья № 972213. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982113327&amp;doi=10.1117%2f12.2203133&amp;partnerID=40&amp;md5=a63291215023483138d4d64b04cfef0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982113327&amp;doi=10.1117%2f12.2203133&amp;partnerID=40&amp;md5=a63291215023483138d4d64b04cfef0</a> DOI: 10.1117/12.2203133</p> <p>12. Kyrychenko, A. Using fluorescence for studies of biological membranes: A review (2015) <i>Methods and Applications in Fluorescence</i>, 3 (4), статья № 042003. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976562074&amp;doi=10.1088%2f2050-6120%2f3%2f4%2f042003&amp;partnerID=40&amp;md5=83d5a1b4aed32c61ab83db4e6af76520">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976562074&amp;doi=10.1088%2f2050-6120%2f3%2f4%2f042003&amp;partnerID=40&amp;md5=83d5a1b4aed32c61ab83db4e6af76520</a> DOI: 10.1088/2050-6120/3/4/042003</p> <p>13. Vargas-Uribe, M., Rodnin, M.V., Öjemalm, K., Holgado, A., Kyrychenko, A., Nilsson, I.M., Posokhov, Y.O., Makhatazde, G., von Heijne, G., Ladokhin, A.S. Thermodynamics of Membrane Insertion and Refolding of the Diphtheria Toxin T-Domain (2015) <i>Journal of Membrane Biology</i>, 248 (3), pp. 383-394. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933678537&amp;doi=10.1007%2fs00232-014-9734-0&amp;partnerID=40&amp;md5=e5a84b2f9663500b92d95a76e679ce71">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933678537&amp;doi=10.1007%2fs00232-014-9734-0&amp;partnerID=40&amp;md5=e5a84b2f9663500b92d95a76e679ce71</a> DOI: 10.1007/s00232-014-9734-0</p> <p>14. Kyrychenko, A., Rodnin, M.V., Ladokhin, A.S. Calibration of Distribution Analysis of the Depth of Membrane Penetration Using Simulations and Depth-Dependent Fluorescence Quenching (2015) <i>Journal of Membrane Biology</i>, 248 (3), pp. 583-594. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933673060&amp;doi=10.1007%2fs00232-014-9709-1&amp;partnerID=40&amp;md5=f889a3bf57ccb6f8a7a974797ca718">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933673060&amp;doi=10.1007%2fs00232-014-9709-1&amp;partnerID=40&amp;md5=f889a3bf57ccb6f8a7a974797ca718</a> DOI: 10.1007/s00232-014-9709-1</p> <p>15. Kyrychenko, A. NANOGOLD decorated by pHLIP peptide: Comparative force field study (2015) <i>Physical Chemistry Chemical Physics</i>, 17 (19), pp. 12648-12660. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929191448&amp;doi=10.1039%2fc5cp01136a&amp;partnerID=40&amp;md5=e394f714ad0ab0fc5767a7db5acbd521">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929191448&amp;doi=10.1039%2fc5cp01136a&amp;partnerID=40&amp;md5=e394f714ad0ab0fc5767a7db5acbd521</a> DOI: 10.1039/c5cp01136a</p> <p>16. Lyapunov, A., Kirichenko, T., Kulygina, C., Zubatyuk, R., Fonari, M., Kyrychenko, A., Doroshenko, A. New fluorenonocrownophanes containing</p>	<p>10.1016/j.bpj.2015.11.3068.</p> <p>13. Kyrychenko, A. Using fluorescence for studies of biological membranes: a review. <i>METHODS AND APPLICATIONS IN FLUORESCENCE</i>, 2015, 3, 4, 10.1088/2050-6120/3/4/042003.</p> <p>14. Vargas-Uribe, M; Rodnin, MV; Öjemalm, K; Holgado, A; Kyrychenko, A; Nilsson, I; Posokhov, YO; Makhatazde, G; von Heijne, G; Ladokhin, AS. Thermodynamics of Membrane Insertion and Refolding of the Diphtheria Toxin T-Domain. <i>JOURNAL OF MEMBRANE BIOLOGY</i>, 2015, 248, 3, 383, 10.1007/s00232-014-9734-0.</p> <p>15. Kyrychenko, A; Rodnin, MV; Ladokhin, AS. Calibration of Distribution Analysis of the Depth of Membrane Penetration Using Simulations and Depth-Dependent Fluorescence Quenching. <i>JOURNAL OF MEMBRANE BIOLOGY</i>, 2015, 248, 3, 583, 10.1007/s00232-014-9709-1.</p> <p>16. Kyrychenko, A; Korsun, OM; Gubin, II; Kovalenko, SM; Kalugin, ON. Atomistic Simulations of Coating of Silver Nanoparticles with Poly(vinylpyrrolidone) Oligomers: Effect of Oligomer Chain Length. <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2015, 119, 14, 7888, 10.1021/jp510369a.</p> <p>17. Kyrychenko, A; Vasquez-Montes, V; Ulmschneider, MB; Ladokhin, AS. Lipid Headgroups Modulate Membrane Insertion of pHLIP Peptide. <i>BIOPHYSICAL JOURNAL</i>, 2015, 108, 4, 791, 10.1016/j.bpj.2015.01.002.</p> <p>18. Vargas-Uribe, M; Rodnin, MV; Kyrychenko, A; Ladokhin, AS. Moving along the Free Energy Landscape of Membrane Insertion of the Diphtheria Toxin Translocation Domain. <i>BIOPHYSICAL JOURNAL</i>, 2015, 108, 2, 497A, 10.1016/j.bpj.2014.11.2719.</p> <p>19. Richert, S; Vazquez, SM; Grzybowski, M; Gryko, DT; Kyrychenko, A; Vauthey, E. Excited-State Dynamics of an Environment-Sensitive Push-Pull Diketopyrrolopyrrole: Major Differences between the Bulk Solution Phase and the Dodecane/Water Interface. <i>JOURNAL OF PHYSICAL CHEMISTRY B</i>, 2014, 118, 33, 9952, 10.1021/jp506062j.</p> <p>20. Kyrychenko, A; Freites, JA; He, J; Tobias, DJ; Wimley, WC; Ladokhin, AS. Structural Plasticity in the Topology of the Membrane-Interacting Domain of HIV-1 gp41. <i>BIOPHYSICAL JOURNAL</i>, 2014, 106, 3, 610, 10.1016/j.bpj.2013.12.032.</p> <p>21. Kyrychenko, A; Ladokhin, AS. Refining membrane penetration by a combination of steady-state and time-resolved depth-dependent fluorescence quenching. <i>ANALYTICAL BIOCHEMISTRY</i>, 2014, 446, 19, 10.1016/j.ab.2013.10.015.</p> <p>22. Kyrychenko, A; He, J; Wimley, WC; Ladokhin, AS. Structural Plasticity in the Topology of Membrane-Spanning Domain of HIV-1 gp41. <i>BIOPHYSICAL JOURNAL</i>, 2014, 106, 2, 507A.</p> <p>23. Kyrychenko, A; Rodnin, MV; Tobias, DJ; Ladokhin, AS. Refining Analysis of Membrane Penetration with Depth-Dependent Fluorescence Quenching and Molecular Dynamics Simulations. <i>BIOPHYSICAL JOURNAL</i>, 2014, 106, 2, 507A.</p> <p>24. Posokhov, YO; Kyrychenko, A. Effect of acetone accumulation on structure and dynamics of lipid membranes studied by molecular dynamics simulations. <i>COMPUTATIONAL BIOLOGY AND CHEMISTRY</i>, 2013, 46, 23, 10.1016/j.compbiolchem.2013.04.005.</p>
--	--	--	---	--



			<p>azobenzene: Synthesis, properties and interaction with paraquat (2015) <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i>, 81 (3-4), pp. 499-508. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952776778&amp;doi=10.1007%2fs10847-015-0484-0&amp;partnerID=40&amp;md5=36098a328ef469effd9f16deb3a8fc0f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952776778&amp;doi=10.1007%2fs10847-015-0484-0&amp;partnerID=40&amp;md5=36098a328ef469effd9f16deb3a8fc0f</a> DOI: 10.1007/s10847-015-0484-0</p> <p>17. Kyrychenko, A., Vasquez-Montes, V., Ulmschneider, M.B., Ladokhin, A.S. Lipid headgroups modulate membrane insertion of pHLIP peptide (2015) <i>Biophysical Journal</i>, 108 (4), pp. 791-794. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923233952&amp;doi=10.1016%2fj.bj.2015.01.002&amp;partnerID=40&amp;md5=0b5a6002a4724444e8831b7cca939766">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923233952&amp;doi=10.1016%2fj.bj.2015.01.002&amp;partnerID=40&amp;md5=0b5a6002a4724444e8831b7cca939766</a> DOI: 10.1016/j.bj.2015.01.002</p> <p>18. Kyrychenko, A., Korsun, O.M., Gubin, I.I., Kovalenko, S.M., Kalugin, O.N. Atomistic simulations of coating of silver nanoparticles with poly(vinylpyrrolidone) oligomers: Effect of oligomer chain length (2015) <i>Journal of Physical Chemistry C</i>, 119 (14), pp. 7888-7899. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&amp;doi=10.1021%2fjp510369a&amp;partnerID=40&amp;md5=47308ebbd73b4c10025dfc825b0c2a29">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&amp;doi=10.1021%2fjp510369a&amp;partnerID=40&amp;md5=47308ebbd73b4c10025dfc825b0c2a29</a> DOI: 10.1021/jp510369a</p> <p>19. Richert, S., Mosquera Vazquez, S., Grzybowski, M., Gryko, D.T., Kyrychenko, A., Vauthey, E. Excited-state dynamics of an environment-sensitive push-pull diketopyrrolopyrrole: Major differences between the bulk solution phase and the dodecane/water interface(2014) <i>Journal of Physical Chemistry B</i>, 118 (33), pp. 9952-9963. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906493511&amp;doi=10.1021%2fjp506062j&amp;partnerID=40&amp;md5=5cd5a25f9aa17471ed2c624b2848b610">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906493511&amp;doi=10.1021%2fjp506062j&amp;partnerID=40&amp;md5=5cd5a25f9aa17471ed2c624b2848b610</a> DOI: 10.1021/jp506062j</p> <p>20. Kyrychenko, A., Freitas, J.A., He, J., Tobias, D.J., Wimley, W.C., Ladokhin, A.S. Structural plasticity in the topology of the membrane-interacting domain of HIV-1 gp41 (2014) <i>Biophysical Journal</i>, 106 (3), pp. 610-620. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893500144&amp;doi=10.1016%2fj.bj.2013.12.032&amp;partnerID=40&amp;md5=db8a910262e89b8479bba3d086a57818">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893500144&amp;doi=10.1016%2fj.bj.2013.12.032&amp;partnerID=40&amp;md5=db8a910262e89b8479bba3d086a57818</a> DOI: 10.1016/j.bj.2013.12.032</p> <p>21. Kyrychenko, A., Ladokhin, A.S. Refining membrane penetration by a combination of steady-state and time-resolved depth-dependent fluorescence quenching (2014) <i>Analytical Biochemistry</i>, 446 (1), pp. 19-21. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887976809&amp;doi=10.1016%2fj.ab.2013.10.015&amp;partnerID=40&amp;md5=71bb07d16b9aba2ab409ea292c38fa4a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887976809&amp;doi=10.1016%2fj.ab.2013.10.015&amp;partnerID=40&amp;md5=71bb07d16b9aba2ab409ea292c38fa4a</a> DOI: 10.1016/j.ab.2013.10.015</p> <p>22. Kyrychenko, A., Herbich, J., Waluk, J. Studies of Photoinduced NH Tautomerism by Stationary and Time-Resolved Fluorescence Techniques (2013) <i>Tautomerism: Methods and Theories</i>, pp. 49-78. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976568482&amp;doi=10.1002%2f9783527658824.ch3&amp;partnerID=40&amp;md5=78b92e66163b2c6198a749e550879e69">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976568482&amp;doi=10.1002%2f9783527658824.ch3&amp;partnerID=40&amp;md5=78b92e66163b2c6198a749e550879e69</a> DOI: 10.1002/9783527658824.ch3</p> <p>23. Kurnikov, I.V., Kyrychenko, A., Flores-Canales, J.C., Rodnin, M.V., Simakov, N., Vargas-Urbe, M., Posokhov, Y.O., Kurnikova, M., Ladokhin, A.S. PH-triggered conformational switching of the diphtheria toxin T-domain: The roles of N-terminal histidines (2013) <i>Journal of Molecular Biology</i>, 425 (15), pp. 2752-2764. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-">https://www.scopus.com/inward/record.uri?eid=2-s2.0-</a></p>	<p>25. Kurnikov, IV; Kyrychenko, A; Flores-Canales, JC; Rodnin, MV; Simakov, N; Vargas-Urbe, M; Posokhov, YO; Kurnikova, M; Ladokhin, AS. pH-Triggered Conformational Switching of the Diphtheria Toxin T-Domain: The Roles of N-Terminal Histidines. <i>JOURNAL OF MOLECULAR BIOLOGY</i>, 2013, 425, 15, 2752, 10.1016/j.jmb.2013.04.030.</p> <p>26. Kyrychenko, A; Ladokhin, AS. Molecular Dynamics Simulations of Depth Distribution of Spin-Labeled Phospholipids within Lipid Bilayer. <i>JOURNAL OF PHYSICAL CHEMISTRY B</i>, 2013, 117, 19, 5875, 10.1021/jp4026706.</p> <p>30. 28. Kyrychenko, A; Tobias, DJ; Ladokhin, AS. Validation of Depth-Dependent Fluorescence Quenching in Membranes by Molecular Dynamics Simulation of Tryptophan Octyl Ester in POPC Bilayer. <i>JOURNAL OF PHYSICAL CHEMISTRY B</i>, 2013, 117, 17, 4770, 10.1021/jp310638f.</p> <p>27. Vargas-Urbe, M; Kyrychenko, A; Rodnin, MV; Field, C; Ladokhin, AS. pH-Dependent interfacial refolding and transmembrane insertion of proteins. <i>ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY</i>, 2013, 245.</p> <p>28. Kyrychenko, A; Karpushina, GV; Syechkarev, D; Kolodezny, D; Bogatyrenko, SI; Kryshal, AP; Doroshenko, AO. Fluorescence Probing of Thiol-Functionalized Gold Nanoparticles: Is Alkylthiol Coating of a Nanoparticle as Hydrophobic as Expected? <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2012, 116, 39, 21059, 10.1021/jp3060813.</p> <p>29. Kyrychenko, A; Rodnin, MV; Vargas-Urbe, M; Sharma, SK; Durand, G; Pucci, B; Popot, JL; Ladokhin, AS. Folding of diphtheria toxin T-domain in the presence of amphipols and fluorinated surfactants: Toward thermodynamic measurements of membrane protein folding. <i>BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES</i>, 2012, 1818, 4, 1006, 10.1016/j.bbamem.2011.09.012.</p> <p>30. Kyrychenko, A; Rodnin, MV; Posokhov, YO; Holt, A; Pucci, B; Killian, JA; Ladokhin, AS. Thermodynamic Measurements of Bilayer Insertion of a Single Transmembrane Helix Chaperoned by Fluorinated Surfactants. <i>JOURNAL OF MOLECULAR BIOLOGY</i>, 2012, 416, 3, 328, 10.1016/j.jmb.2011.12.037.</p> <p>31. Rodnin, MV; Kyrychenko, A; Kienker, PK; Sharma, O; Vargas-Urbe, M; Collier, RJ; Finkelstein, A; Ladokhin, AS. Comparison of Various Methods for Determining Functional Activity of the Diphtheria Toxin T-Domain. <i>BIOPHYSICAL JOURNAL</i>, 2012, 102, 3, 244A, 10.1016/j.bj.2011.11.1349.</p> <p>32. Vargas-Urbe, M; Rodnin, MV; Kyrychenko, A; Kienker, P; Sharma, O; Collier, RJ; Finkelstein, A; Ladokhin, AS. Replacement of C-Terminal Histidines Uncouples Membrane Insertion and Translocation in Diphtheria Toxin T-Domain. <i>BIOPHYSICAL JOURNAL</i>, 2012, 102, 3, 245A, 10.1016/j.bj.2011.11.1350.</p> <p>33. Kyrychenko, A; Rodnin, MV; Posokhov, YO; Holt, A; Pucci, B; Killian, A; Ladokhin, AS. Thermodynamic Measurements of Bilayer Insertion of a Single Trans-membrane Helix. <i>BIOPHYSICAL JOURNAL</i>, 2012, 102, 3, 471A, 10.1016/j.bj.2011.11.2582.</p>
--	--	--	---	---

				<p><a href="https://doi.org/10.1016%2Fj.jmb.2013.04.030&amp;partnerID=40&amp;md5=c34af335f91b536836aeb6034960a20f">84879946745&amp;doi=10.1016%2Fj.jmb.2013.04.030&amp;partnerID=40&amp;md5=c34af335f91b536836aeb6034960a20f</a> DOI: 10.1016/j.jmb.2013.04.030</p> <p>24. Posokhov, Y.O., Kyrychenko, A. Effect of acetone accumulation on structure and dynamics of lipid membranes studied by molecular dynamics simulations (2013) Computational Biology and Chemistry, 46, pp. 23-31. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879109359&amp;doi=10.1016%2Fj.compbiolchem.2013.04.005&amp;partnerID=40&amp;md5=5890479e5f14bf3d5a87818cec944f9f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879109359&amp;doi=10.1016%2Fj.compbiolchem.2013.04.005&amp;partnerID=40&amp;md5=5890479e5f14bf3d5a87818cec944f9f</a> DOI: 10.1016/j.compbiolchem.2013.04.005</p> <p>25. Kyrychenko, A., Ladokhin, A.S. Molecular dynamics simulations of depth distribution of spin-labeled phospholipids within lipid bilayer (2013) Journal of Physical Chemistry B, 117 (19), pp. 5875-5885. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878034660&amp;doi=10.1021%2Fjp4026706&amp;partnerID=40&amp;md5=b9d47fd102008eba51e8354e01936deb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878034660&amp;doi=10.1021%2Fjp4026706&amp;partnerID=40&amp;md5=b9d47fd102008eba51e8354e01936deb</a> DOI: 10.1021/jp4026706</p> <p>26. Kyrychenko, A., Tobias, D.J., Ladokhin, A.S. Validation of depth-dependent fluorescence quenching in membranes by molecular dynamics simulation of tryptophan octyl ester in POPC bilayer (2013) Journal of Physical Chemistry B, 117 (17), pp. 4770-4778. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877072901&amp;doi=10.1021%2Fjp310638f&amp;partnerID=40&amp;md5=1f9e514c76c0bcf39a527ffa6ffbed4c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877072901&amp;doi=10.1021%2Fjp310638f&amp;partnerID=40&amp;md5=1f9e514c76c0bcf39a527ffa6ffbed4c</a> DOI: 10.1021/jp310638f</p> <p>27. Kyrychenko, A., Karpushina, G.V., Svechkarev, D., Kolodezny, D., Bogatyrenko, S.I., Kryshchal, A.P., Doroshenko, A.O. Fluorescence probing of thiol-functionalized gold nanoparticles: Is alkylthiol coating of a nanoparticle as hydrophobic as expected? (2012) Journal of Physical Chemistry C, 116 (39), pp. 21059-21068. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867186711&amp;doi=10.1021%2Fjp3060813&amp;partnerID=40&amp;md5=45f70dfcb1387b192a45ce4b199502e4">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867186711&amp;doi=10.1021%2Fjp3060813&amp;partnerID=40&amp;md5=45f70dfcb1387b192a45ce4b199502e4</a> DOI: 10.1021/jp3060813</p> <p>28. Kyrychenko, A., Rodnin, M.V., Vargas-Urbe, M., Sharma, S.K., Durand, G., Pucci, B., Popot, J.-L., Ladokhin, A.S. Folding of diphtheria toxin T-domain in the presence of amphipols and fluorinated surfactants: Toward thermodynamic measurements of membrane protein folding (2012) Biochimica et Biophysica Acta - Biomembranes, 1818 (4), pp. 1006-1012. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857653322&amp;doi=10.1016%2Fj.bbmem.2011.09.012&amp;partnerID=40&amp;md5=70cc300315c534d0176a8024657d46e6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857653322&amp;doi=10.1016%2Fj.bbmem.2011.09.012&amp;partnerID=40&amp;md5=70cc300315c534d0176a8024657d46e6</a> DOI: 10.1016/j.bbmem.2011.09.012</p> <p>29. Kyrychenko, A., Rodnin, M.V., Posokhov, Y.O., Holt, A., Pucci, B., Killian, J.A., Ladokhin, A.S. Thermodynamic measurements of bilayer insertion of a single transmembrane helix chaperoned by fluorinated surfactants (2012) Journal of Molecular Biology, 416 (3), pp. 328-334. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856725828&amp;doi=10.1016%2Fj.jmb.2011.12.037&amp;partnerID=40&amp;md5=917a9dc833e06806c332b3b0aad0a2d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856725828&amp;doi=10.1016%2Fj.jmb.2011.12.037&amp;partnerID=40&amp;md5=917a9dc833e06806c332b3b0aad0a2d</a> DOI: 10.1016/j.jmb.2011.12.037</p>		
Хімічний	Органічної хімії	Дорошенко Андрій Олегович	13	<p>1. Zbruyev, A.I., Shishkin, O.V., Doroshenko, A.O., Desenko, S.M., Chebanov, V.A. Stepwise photoinduced transformation of fused aziridines via stable biradicals and azomethine ylides (2018) Journal of Photochemistry and Photobiology A: Chemistry, 353, pp. 469-476.</p>	13	<p>1. Zbruyev, AI; Shishkin, OV; Doroshenko, AO; Desenko, SM; Chebanov, VA. Stepwise photoinduced transformation of fused aziridines via stable biradicals and azomethine ylides. JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, 2018, 353, 469,</p>

			<p><a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037817957&amp;doi=10.1016%2Fj.jphotochem.2017.11.053&amp;partnerID=40&amp;md5=d547cbf02b98867c9d0597fdc568ec95">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85037817957&amp;doi=10.1016%2Fj.jphotochem.2017.11.053&amp;partnerID=40&amp;md5=d547cbf02b98867c9d0597fdc568ec95</a> DOI: 10.1016/j.jphotochem.2017.11.053</p> <p>2. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes (2018) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 538, pp. 280-286. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&amp;doi=10.1016%2Fj.colsurfa.2017.11.018&amp;partnerID=40&amp;md5=66c0a5ab8a1d0c7e6840537aa3904097">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&amp;doi=10.1016%2Fj.colsurfa.2017.11.018&amp;partnerID=40&amp;md5=66c0a5ab8a1d0c7e6840537aa3904097</a> DOI: 10.1016/j.colsurfa.2017.11.018</p> <p>3. Obukhova, E.N., Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Patsenker, L.D., Doroshenko, A.O., Marynin, A.I., Krasovitskii, B.M. Adsorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate (2017) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i>, 170, pp. 138-144. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&amp;doi=10.1016%2Fj.saa.2016.07.002&amp;partnerID=40&amp;md5=601ee444ba0ee00c1c50b9a3b2a0ffc9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&amp;doi=10.1016%2Fj.saa.2016.07.002&amp;partnerID=40&amp;md5=601ee444ba0ee00c1c50b9a3b2a0ffc9</a> DOI: 10.1016/j.saa.2016.07.002</p> <p>4. Mchedlov-Petrosyan, N.O., Cheipesh, T.A., Roshal, A.D., Doroshenko, A.O., Vodolazkaya, N.A. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates (2016) <i>Methods and Applications in Fluorescence</i>, 4 (3), статья № 034002, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2F2050-6120%2F4%2F3%2F034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2F2050-6120%2F4%2F3%2F034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00</a> DOI: 10.1088/2050-6120/4/3/034002</p> <p>5. Kondratyeva, I., Orzel, ., Kobasa, I., Doroshenko, A., Macyk, W. Photosensitization of titanium dioxide with 4'-dimethylaminoflavonol (2016) <i>Materials Science in Semiconductor Processing</i>, 42, pp. 62-65. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958947370&amp;doi=10.1016%2Fj.mssp.2015.08.002&amp;partnerID=40&amp;md5=3058c865009c5946804cb4917188a2f2">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958947370&amp;doi=10.1016%2Fj.mssp.2015.08.002&amp;partnerID=40&amp;md5=3058c865009c5946804cb4917188a2f2</a> DOI: 10.1016/j.mssp.2015.08.002</p> <p>6. Lyapunov, A., Kirichenko, T., Kulygina, C., Zubatyuk, R., Fonari, M., Kyrychenko, A., Doroshenko, A. New fluorenonocrownophanes containing azobenzene: Synthesis, properties and interaction with paraquat (2015) <i>Journal of Inclusion Phenomena and Macroscopic Chemistry</i>, 81 (3-4), pp. 499-508. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952776778&amp;doi=10.1007%2Fs10847-015-0484-0&amp;partnerID=40&amp;md5=36098a328ef469effd9f16deb3a8fc0f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952776778&amp;doi=10.1007%2Fs10847-015-0484-0&amp;partnerID=40&amp;md5=36098a328ef469effd9f16deb3a8fc0f</a> DOI: 10.1007/s10847-015-0484-0</p> <p>7. Iliashenko, R.Y., Borodin, O.O., Wera, M., Doroshenko, A.O. 2,5-bis[2-(2-phenyl-1,3-oxazol-5-yl)phenyl]-1,3,4-oxadiazole - New sterically hindered high Stokes shift fluorophore sensitive to media viscosity (2015) <i>Journal of Photochemistry and Photobiology A: Chemistry</i>, 298, pp. 68-77. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911869310&amp;doi=10.1016%2Fj.jphotochem.2014.10.018&amp;partnerID=40&amp;md5=">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911869310&amp;doi=10.1016%2Fj.jphotochem.2014.10.018&amp;partnerID=40&amp;md5=</a></p>	<p>10.1016/j.jphotochem.2017.11.053.</p> <p>2. Khristenko, IV; Panteleimonov, AV; Iliashenko, RY; Doroshenko, AO; Ivanov, VV; Tkachenko, OS; Benvenuti, EV; Kholin, YV. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes. <i>COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS</i>, 2018, 538, 280, 10.1016/j.colsurfa.2017.11.018.</p> <p>3. Obukhova, EN; Mchedlov-Petrosyan, NO; Vodolazkaya, NA; Patsenker, LD; Doroshenko, AO; Marynin, AI; Krasovitskii, BM. Absorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate. <i>SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY</i>, 2017, 170, 138, 10.1016/j.saa.2016.07.002.</p> <p>4. Mchedlov-Petrosyan, NO; Cheipesh, TA; Roshal, AD; Doroshenko, AO; Vodolazkaya, NA. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates. <i>METHODS AND APPLICATIONS IN FLUORESCENCE</i>, 2016, 4, 10.1088/2050-6120/4/3/034002.</p> <p>5. Kondratyeva, I; Orzel, L; Kobasa, I; Doroshenko, A; Macyk, W. Photosensitization of titanium dioxide with 4'-dimethylaminoflavonol. <i>MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING</i>, 2016, 42, 62, 10.1016/j.mssp.2015.08.002.</p> <p>6. Lyapunov, A; Kirichenko, T; Kulygina, C; Zubatyuk, R; Fonari, M; Kyrychenko, A; Doroshenko, A. New fluorenonocrownophanes containing azobenzene: synthesis, properties and interaction with paraquat. <i>JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY</i>, 2015, 81, 499, 10.1007/s10847-015-0484-0.</p> <p>7. Iliashenko, RY; Borodin, OO; Wera, M; Doroshenko, AO. 2,5-bis[2-(2-phenyl-1,3-oxazol-5-yl)phenyl]-1,3,4-oxadiazole - new sterically hindered high Stokes shift fluorophore sensitive to media viscosity. <i>JOURNAL OF PHOTO-CHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY</i>, 2015, 298, 68, 10.1016/j.jphotochem.2014.10.018.</p> <p>8. Chepeleva, LV; Roshal, AD; Lukyanov, BS; Doroshenko, AO; Tyurin, RV; Lukyanova, MB. Photochromic and Thermochromic Spirans 41*. Quantum-Chemical Study of the Geometry and Electronic Structure of 1,3,3-Trimethyl-1',2'-Diphenylspiro[Indoline-2,7'-Furo[3,2-f]Chromene] in the Ground and Excited States. <i>CHEMISTRY OF HETEROCYCLIC COMPOUNDS</i>, 2014, 50, 364, 10.1007/s10593-014-1483-6.</p> <p>9. Borodin, OO; Ilyashenko, RY; Doroshenko, AO. 5-[4-(N,N-Dimethylamino)Phenyl]-2-(4-Pyridyl)-1,3-Oxazole as a Fluorescent Probe for Monitoring Microheterogeneous Media. <i>CHEMISTRY OF HETEROCYCLIC COMPOUNDS</i>, 2014, 50, 379, 10.1007/s10593-014-1486-3.</p> <p>10. Dereka, B; Svechkarov, D; Doroshenko, AO. Facile ultrasensitive monitoring of mercury ions in water by fluorescent ratiometric detection. <i>CENTRAL EUROPEAN JOURNAL OF CHEMISTRY</i>, 2013, 11, 584, 10.2478/s11532-012-0193-0.</p> <p>11. Doroshenko, AO; Matsakov, AY; Nevskii, OV; Grygorovych, OV. Excited state intramolecular proton transfer reaction revisited: S-1 state or general reversibility? <i>JOURNAL OF PHOTO-CHEMISTRY AND PHOTOBIOLOGY A-</i></p>
--	--	--	--	--

				<p>e8de3e51abc770561a6094f3f7327c16 DOI: 10.1016/j.jphotochem.2014.10.018</p> <p>8. Borodin, O.O., Il'Yashenko, R.Y., Doroshenko, A.O. 5-[4-(N,N-Dimethylamino)Phenyl]-2-(4-Pyridyl)-1,3-Oxazole as a fluorescent probe for monitoring microheterogeneous media(2014) Chemistry of Heterocyclic Compounds, 50 (3), pp. 379-388. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904331676&amp;doi=10.1007%2fs10593-014-1486-3&amp;partnerID=40&amp;md5=ae40007b6b481f8485923fe3cc3c855e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904331676&amp;doi=10.1007%2fs10593-014-1486-3&amp;partnerID=40&amp;md5=ae40007b6b481f8485923fe3cc3c855e</a> DOI: 10.1007/s10593-014-1486-3</p> <p>9. Chepeleva, L.V., Roshal, A.D., Lukyanov, B.S., Doroshenko, A.O., Tyurin, R.V., Lukyanova, M.B. Photochromic and thermochromic spirans 41*. Quantum-chemical study of the Geometry and electronic structure of 1,3,3-Trimethyl-1',2'-Diphenylspiro[Indoline-2,7'-Furo[3,2-f]Chromene] in the ground and excited states (2014) Chemistry of Heterocyclic Compounds, 50 (3), pp. 364-370. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904308313&amp;doi=10.1007%2fs10593-014-1483-6&amp;partnerID=40&amp;md5=c3bcfd2118d16c2f50b99dde18fe911d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904308313&amp;doi=10.1007%2fs10593-014-1483-6&amp;partnerID=40&amp;md5=c3bcfd2118d16c2f50b99dde18fe911d</a> DOI: 10.1007/s10593-014-1483-6</p> <p>10. Dereka, B., Svechkarev, D., Doroshenko, A.O. Facile ultrasensitive monitoring of mercury ions in water by fluorescent ratiometric detection (2013) Central European Journal of Chemistry, 11 (4), pp. 584-593. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873345145&amp;doi=10.2478%2fs11532-012-0193-0&amp;partnerID=40&amp;md5=8cef08e223888306a02085d55292c3df">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873345145&amp;doi=10.2478%2fs11532-012-0193-0&amp;partnerID=40&amp;md5=8cef08e223888306a02085d55292c3df</a> DOI: 10.2478/s11532-012-0193-0</p> <p>11. Doroshenko, A.O., Matsakov, A.Yu., Nevskii, O.V., Grygorovych, O.V. Excited state intramolecular proton transfer reaction revisited: S 1 state or general reversibility? (2012) Journal of Photochemistry and Photobiology A: Chemistry, 250, pp. 40-49. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867835309&amp;doi=10.1016%2fj.jphotochem.2012.09.010&amp;partnerID=40&amp;md5=ddfe80bbac9ec43082c3f47e6fd358f1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867835309&amp;doi=10.1016%2fj.jphotochem.2012.09.010&amp;partnerID=40&amp;md5=ddfe80bbac9ec43082c3f47e6fd358f1</a> DOI: 10.1016/j.jphotochem.2012.09.010</p> <p>12. Kyrychenko, A., Karpushina, G.V., Svechkarev, D., Kolodezny, D., Bogatyrenko, S.I., Kryshchal, A.P., Doroshenko, A.O. Fluorescence probing of thiol-functionalized gold nanoparticles: Is alkylthiol coating of a nanoparticle as hydrophobic as expected? (2012) Journal of Physical Chemistry C, 116 (39), pp. 21059-21068. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867186711&amp;doi=10.1021%2fjp3060813&amp;partnerID=40&amp;md5=45f70dfcb1387b192a45ce4b199502e4">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867186711&amp;doi=10.1021%2fjp3060813&amp;partnerID=40&amp;md5=45f70dfcb1387b192a45ce4b199502e4</a> DOI: 10.1021/jp3060813</p> <p>13. Svechkarev, D.A., Doroshenko, A.O., Kolodezny, D.Y. 1,4-bis-(3-hydroxy-4-oxo-4H-chromen-2-yl)-benzene (bis-flavonol): Synthesis, spectral properties and principle possibility of the excited state double proton transfer reaction (2012) Central European Journal of Chemistry, 10 (1), pp. 205-215. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455162693&amp;doi=10.2478%2fs11532-011-0127-2&amp;partnerID=40&amp;md5=a33fe7f015ff65d515b6651207e72505">https://www.scopus.com/inward/record.uri?eid=2-s2.0-83455162693&amp;doi=10.2478%2fs11532-011-0127-2&amp;partnerID=40&amp;md5=a33fe7f015ff65d515b6651207e72505</a> DOI: 10.2478/s11532-011-0127-2</p>		<p>CHEMISTRY, 2012, 250, 40, 10.1016/j.jphotochem.2012.09.010.</p> <p>12. Kyrychenko, A; Karpushina, GV; Syechkarev, D; Kolodezny, D; Bogatyrenko, SI; Kryshchal, AP; Doroshenko, AO. Fluorescence Probing of Thiol-Functionalized Gold Nanoparticles: Is Alkylthiol Coating of a Nanoparticle as Hydrophobic as Expected? JOURNAL OF PHYSICAL CHEMISTRY C, 2012, 116, 21059, 10.1021/jp3060813.</p> <p>13. Svechkarev, DA; Doroshenko, AO; Kolodezny, DY. 1,4-bis-(3-hydroxy-4-oxo-4H-chromen-2-yl)-benzene (bis-flavonol): synthesis, spectral properties and principle possibility of the excited state double proton transfer reaction. CENTRAL EUROPEAN JOURNAL OF CHEMISTRY, 2012, 10, 205, 10.2478/s11532-011-0127-2.</p>
Хімічний	Фізичної хімії	Водолазька Наталія	10	1. Mchedlov-Petrossyan, N.O., Steinbach, K., Vodolazkaya, N.A., Samoylov, D.V., Shekhovtsov, S.V., Omelchenko, I.V., Shishkin, O.V. The	9	1. Obukhova, EN; Mchedlov-Petrossyan, NO; Vodolazkaya, NA; Patsenker, LD; Doroshenko, AO; Marynin, AI; Krasovitskii, BM. Absorption,

		Олександрівна	<p>molecular structure of anionic species of 2,4,5,7-tetranitrofluorescein as studied by electrospray ionisation, nuclear magnetic resonance and X-ray techniques (2018) <i>Coloration Technology</i>, 134 (5), pp. 390-399.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050683501&amp;doi=10.1111%2fcote.12351&amp;partnerID=40&amp;md5=958ff4ae83c268a47ff5ce3f056894d8">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050683501&amp;doi=10.1111%2fcote.12351&amp;partnerID=40&amp;md5=958ff4ae83c268a47ff5ce3f056894d8</a> DOI: 10.1111/cote.12351</p> <p>2. Obukhova, E.N., Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Patsenker, L.D., Doroshenko, A.O., Marynin, A.I., Krasovitskii, B.M. Absorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate (2017) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i>, 170, pp. 138-144.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&amp;doi=10.1016%2fj.saa.2016.07.002&amp;partnerID=40&amp;md5=601ee444ba0ee00c1c50b9a3b2a0ffc9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978818983&amp;doi=10.1016%2fj.saa.2016.07.002&amp;partnerID=40&amp;md5=601ee444ba0ee00c1c50b9a3b2a0ffc9</a> DOI: 10.1016/j.saa.2016.07.002</p> <p>3. Mchedlov-Petrosyan, N.O., Cheipesh, T.A., Vodolazkaya, N.A. Acid-base dissociation and tautomerism of two aminofluorescein dyes in solution (2017) <i>Journal of Molecular Liquids</i>, 225, pp. 696-705.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&amp;doi=10.1016%2fj.molliq.2016.10.121&amp;partnerID=40&amp;md5=ed2ac7745cc758f31c701c307cb15945">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&amp;doi=10.1016%2fj.molliq.2016.10.121&amp;partnerID=40&amp;md5=ed2ac7745cc758f31c701c307cb15945</a> DOI: 10.1016/j.molliq.2016.10.121</p> <p>4. Mchedlov-Petrosyan, N.O., Cheipesh, T.A., Roshal, A.D., Doroshenko, A.O., Vodolazkaya, N.A. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates (2016) <i>Methods and Applications in Fluorescence</i>, 4 (3), статья № 034002  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2f2050-6120%2f4%2f3%2f034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2f2050-6120%2f4%2f3%2f034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00</a> DOI: 10.1088/2050-6120/4/3/034002</p> <p>5. Despas, C., Vodolazkaya, N.A., Ghanbaja, J., Walcarius, A. Preparation of ordered and oriented mesoporous silica thin films bearing octyl or hexadecyl groups by electrochemically assisted self-assembly and evaluation of their transport properties (2015) <i>Journal of Solid State Electrochemistry</i>, 19 (7), pp. 2075-2085. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934435178&amp;doi=10.1007%2fs10008-014-2726-2&amp;partnerID=40&amp;md5=d7e2c05719b370d3cc35a347164a94fd">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934435178&amp;doi=10.1007%2fs10008-014-2726-2&amp;partnerID=40&amp;md5=d7e2c05719b370d3cc35a347164a94fd</a> DOI: 10.1007/s10008-014-2726-2</p> <p>6. Herzog, G., Vodolazkaya, N.A., Walcarius, A. Platinum ultramicroelectrodes modified with electrogenerated surfactant-templated mesoporous organosilica films: Effect of film formation conditions on its performance in preconcentration electroanalysis (2013) <i>Electroanalysis</i>, 25 (12), pp. 2595-2603. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84889567430&amp;doi=10.1002%2felan.201300415&amp;partnerID=40&amp;md5=340dc688065810cce38964417d8404e7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84889567430&amp;doi=10.1002%2felan.201300415&amp;partnerID=40&amp;md5=340dc688065810cce38964417d8404e7</a> DOI: 10.1002/elan.201300415</p> <p>7. Vodolazkaya, N.A., Kleshchevnikova, Y.A., Mchedlov-Petrosyan, N.O. Differentiating impact of the AOT-stabilized droplets of water-in-octane microemulsions as examined using halogenated fluoresceins as molecular probes (2013) <i>Journal of Molecular Liquids</i>, 187, pp. 381-388.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-">https://www.scopus.com/inward/record.uri?eid=2-s2.0-</a></p>	<p>fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate. <i>SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY</i>, 2017, 170, 138, 10.1016/j.saa.2016.07.002.</p> <p>2. Mchedlov-Petrosyan, NO; Cheipesh, TA; Vodolazkaya, NA. Acid-base dissociation and tautomerism of two aminofluorescein dyes in solution. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2017, 225, 696, 10.1016/j.molliq.2016.10.121.</p> <p>3. Mchedlov-Petrosyan, NO; Cheipesh, TA; Roshal, AD; Doroshenko, AO; Vodolazkaya, NA. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates. <i>METHODS AND APPLICATIONS IN FLUORESCENCE</i>, 2016, 4, 10.1088/2050-6120/4/3/034002.</p> <p>4. Despas, C; Vodolazkaya, NA; Ghanbaja, J; Walcarius, A. Preparation of ordered and oriented mesoporous silica thin films bearing octyl or hexadecyl groups by electrochemically assisted self-assembly and evaluation of their transport properties. <i>JOURNAL OF SOLID STATE ELECTROCHEMISTRY</i>, 2015, 19, 2075, 10.1007/s10008-014-2726-2.</p> <p>5. Herzog, G; Vodolazkaya, NA; Walcarius, A. Platinum Ultramicroelectrodes Modified with Electrogenerated Surfactant-Templated Mesoporous Organosilica Films: Effect of Film Formation Conditions on Its Performance in Preconcentration Electroanalysis. <i>ELECTROANALYSIS</i>, 2013, 25, 2595, 10.1002/elan.201300415.</p> <p>6. Vodolazkaya, NA; Kleshchevnikova, YA; Mchedlov-Petrosyan, NO. Differentiating impact of the AOT-stabilized droplets of water-in-octane microemulsions as examined using halogenated fluoresceins as molecular probes. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2013, 187, 381, 10.1016/j.molliq.2013.08.018.</p> <p>7. Vodolazkaya, NA; Despas, C; Lebeau, B; Marichal, C; Walcarius, A. One pot synthesis of ordered mesoporous organosilica particles bearing propyl-, octyl- and hexadecyl-chains. <i>JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY</i>, 2012, 63, 587, 10.1007/s10971-012-2816-5.</p> <p>8. Mchedlov-Petrosyan, NO; Vodolazkaya, NA; Rodik, RV; Bogdanova, LN; Cheipesh, TA; Soboleva, OY; Kryshnal, AP; Kutuzova, LV; Kalchenko, VI. Colloidal Nature of Cationic Calix[6]arene Aqueous Solutions. <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2012, 116, 10245, 10.1021/jp210405s.</p>
--	--	---------------	---	--

				<p><a href="https://doi.org/10.1016/j.molliq.2013.08.018">84886597895&amp;doi=10.1016/j.molliq.2013.08.018</a>&amp;partnerID=40&amp;md5=0bfe923398c70dd7183826ec8de4e1d7 DOI: 10.1016/j.molliq.2013.08.018</p> <p>8. Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Kamneva, N.N. Acid-Base equilibrium in aqueous micellar solutions of surfactants (2013) <i>Micelles: Structural Biochemistry, Formation and Functions and Usage</i>, pp. 1-72. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&amp;partnerID=40&amp;md5=d114310038b388cb4b8baf324db883b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&amp;partnerID=40&amp;md5=d114310038b388cb4b8baf324db883b</a></p> <p>9. Vodolazkaya, N.A., Despas, C., Lebeau, B., Marichal, C., Walcarius, A. One pot synthesis of ordered mesoporous organosilica particles bearing propyl-, octyl- and hexadecyl-chains (2012) <i>Journal of Sol-Gel Science and Technology</i>, 63 (3), pp. 587-594. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875426632&amp;doi=10.1007%2Fs10971-012-2816-5&amp;partnerID=40&amp;md5=2606017e4c2436adde0ec82fd4357fef">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875426632&amp;doi=10.1007%2Fs10971-012-2816-5&amp;partnerID=40&amp;md5=2606017e4c2436adde0ec82fd4357fef</a> DOI: 10.1007/s10971-012-2816-5</p> <p>14. Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Rodik, R.V., Bogdanova, L.N., Cheipesh, T.A., Soboleva, O.Y., Kryshtal, A.P., Kutuzova, L.V., Kalchenko, V.I. Colloidal nature of cationic calix[6]arene aqueous solutions (2012) <i>Journal of Physical Chemistry C</i>, 116 (18), pp. 10245-10259. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&amp;doi=10.1021%2Fjp210405s&amp;partnerID=40&amp;md5=dd98c6515df18bc5b3aca5916d75edde">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&amp;doi=10.1021%2Fjp210405s&amp;partnerID=40&amp;md5=dd98c6515df18bc5b3aca5916d75edde</a> DOI: 10.1021/jp210405s</p>		
Хімічний	Неорганічної хімії	Калугін Олег Миколайович	30	<p>1. Blazhynska, M.M., Kyrychenko, A., Kalugin, O.N. Molecular dynamics simulation of the size-dependent morphological stability of cubic shape silver nanoparticles (2018) <i>Molecular Simulation</i>, 44 (12), pp. 981-991. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046718099&amp;doi=10.1080%2F08927022.2018.1469751&amp;partnerID=40&amp;md5=38074465e9350922d4c940384f3ffc0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046718099&amp;doi=10.1080%2F08927022.2018.1469751&amp;partnerID=40&amp;md5=38074465e9350922d4c940384f3ffc0</a> DOI: 10.1080/08927022.2018.1469751</p> <p>2. Kalugin, O.N., Riabchunova, A.V., Voroshlyova, I.V., Chaban, V.V., Marekha, B.A., Koverga, V.A., Idrissi, A. Transport properties and ion aggregation in mixtures of room temperature ionic liquids with aprotic dipolar solvents (2018) <i>Springer Proceedings in Physics</i>, 197, pp. 67-109. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039165381&amp;doi=10.1007%2F978-3-319-61109-9_5&amp;partnerID=40&amp;md5=849749ac8bb009d0a5e7ade0f407c7a7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039165381&amp;doi=10.1007%2F978-3-319-61109-9_5&amp;partnerID=40&amp;md5=849749ac8bb009d0a5e7ade0f407c7a7</a> DOI: 10.1007/978-3-319-61109-9_5</p> <p>3. Koverga, V., Kalugin, O.N., Miannay, F.-A., Smortsova, Y., Goloviznina, K., Marekha, B., Jedlovsky, P., Idrissi, A. The local structure in the BmimPF6/acetonitrile mixture: The charge distribution effect (2018) <i>Physical Chemistry Chemical Physics</i>, 20 (34), pp. 21890-21902. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052830246&amp;doi=10.1039%2Fc8cp03546f&amp;partnerID=40&amp;md5=319d77a5201b3187ecfe3e336f55fb59">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052830246&amp;doi=10.1039%2Fc8cp03546f&amp;partnerID=40&amp;md5=319d77a5201b3187ecfe3e336f55fb59</a> DOI: 10.1039/c8cp03546f</p> <p>4. Agieienko, V.N., Otroshko, N.A., Kalugin, O.N. Complexation of the alkaline earth metals perchlorates with 3-hydroxyflavone in acetonitrile: Precise conductometric treatment (2017) <i>Journal of Molecular Liquids</i>, 245, pp. 27-34. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020763484&amp;doi=10.1016%2Fj.molliq.2017.05.141&amp;partnerID=40&amp;md5=9f439">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020763484&amp;doi=10.1016%2Fj.molliq.2017.05.141&amp;partnerID=40&amp;md5=9f439</a></p>	24	<p>1. Koverga, V; Kalugin, ON; Miannay, FA; Smortsova, Y; Goloviznina, K; Marekha, B; Jedlovsky, P; Idrissi, A. The local structure in the BmimPF6/acetonitrile mixture: the charge distribution effect. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2018, 20, 21890, 10.1039/c8cp03546f.</p> <p>2. Kalugin, ON; Riabchunova, AV; Voroshlyova, IV; Chaban, VV; Marekha, BA; Koverga, VA; Idrissi, A. Transport Properties and Ion Aggregation in Mixtures of Room Temperature Ionic Liquids with Aprotic Dipolar Solvents. <i>MODERN PROBLEMS OF MOLECULAR PHYSICS</i>, 2018, 197, 67, 10.1007/978-3-319-61109-9_5.</p> <p>3. Blazhynska, MM; Kyrychenko, A; Kalugin, ON. Molecular dynamics simulation of the size-dependent morphological stability of cubic shape silver nanoparticles. <i>MOLECULAR SIMULATION</i>, 2018, 44, 981, 10.1080/08927022.2018.1469751.</p> <p>4. Agieienko, VN; Otroshko, NA; Kalugin, ON. Complexation of the alkaline earth metals perchlorates with 3-hydroxyflavone in acetonitrile: Precise conductometric treatment. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2017, 245, 27, 10.1016/j.molliq.2017.05.141.</p> <p>5. Smortsova, Y; Oher, H; Miannay, FA; Vanel, R; Dubois, J; Kalugin, O; Idrissi, A. Solvatochromic effects on a class of indoline derivatives organic photosensitizers: About the influence of hydrogen-bond acceptor and donor abilities parameters. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2017, 245, 76, 10.1016/j.molliq.2017.06.052.</p> <p>6. Vovchynskiy, IS; Kolesnik, YV; Filatov, YI; Kalugin, ON. Molecular modelling on solutions of 1-1'-spirobipirrolidinium tetrafluoroborate in acetonitrile. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2017, 235, 60, 10.1016/j.molliq.2016.12.029.</p> <p>7. Koverga, VA; Korsun, OM; Kalugin, ON; Marekha, BA; Idrissi, A. A</p>

			<p>5da40b176de97ea6fc47a64a8a9 DOI: 10.1016/j.molliq.2017.05.141</p> <p>5. Smortsova, Y., Oher, H., Miannay, F.-A., Vanel, R., Dubois, J., Kalugin, O., Idrissi, A. Solvatochromic effects on a class of indoline derivatives organic photosensitizers: About the influence of hydrogen-bond acceptor and donor abilities parameters (2017) <i>Journal of Molecular Liquids</i>, 245, pp. 76-84. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020920911&amp;doi=10.1016%2Fj.molliq.2017.06.052&amp;partnerID=40&amp;md5=d7a5e30d8523fae35b4cfcab5d2f85fb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020920911&amp;doi=10.1016%2Fj.molliq.2017.06.052&amp;partnerID=40&amp;md5=d7a5e30d8523fae35b4cfcab5d2f85fb</a> DOI: 10.1016/j.molliq.2017.06.052</p> <p>6. Vovchynskiy, I.S., Kolesnik, Y.V., Filatov, Y.I., Kalugin, O.N. Molecular modelling on solutions of 1-1'-spirobipirrolidinium tetrafluoroborate in acetonitrile (2017) <i>Journal of Molecular Liquids</i>, 235, pp. 60-67. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009412915&amp;doi=10.1016%2Fj.molliq.2016.12.029&amp;partnerID=40&amp;md5=a7c185890c5de8477a6bb9bab22e9e89">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009412915&amp;doi=10.1016%2Fj.molliq.2016.12.029&amp;partnerID=40&amp;md5=a7c185890c5de8477a6bb9bab22e9e89</a> DOI: 10.1016/j.molliq.2016.12.029</p> <p>7. Koverga, V.A., Korsun, O.M., Kalugin, O.N., Marekha, B.A., Idrissi, A. A new potential model for acetonitrile: Insight into the local structure organization (2017) <i>Journal of Molecular Liquids</i>, 233, pp. 251-261. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015677570&amp;doi=10.1016%2Fj.molliq.2017.03.025&amp;partnerID=40&amp;md5=9831eca575968a09bbda0b3d48be313b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015677570&amp;doi=10.1016%2Fj.molliq.2017.03.025&amp;partnerID=40&amp;md5=9831eca575968a09bbda0b3d48be313b</a> DOI: 10.1016/j.molliq.2017.03.025</p> <p>8. Marekha, B.A., Kalugin, O.N., Bria, M., Takamuku, T., Gadžurić, S., Idrissi, A. Competition between Cation-Solvent and Cation-Anion Interactions in Imidazolium Ionic Liquids with Polar Aprotic Solvents (2017) <i>ChemPhysChem</i>, 18 (7), pp. 718-721. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013030311&amp;doi=10.1002%2Fcpch.201601445&amp;partnerID=40&amp;md5=53f718d5c3e399aa43fe7c417178f583">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013030311&amp;doi=10.1002%2Fcpch.201601445&amp;partnerID=40&amp;md5=53f718d5c3e399aa43fe7c417178f583</a> DOI: 10.1002/cpch.201601445</p> <p>9. Kyrychenko, A., Pasko, D.A., Kalugin, O.N. Poly(vinyl alcohol) as a water protecting agent for silver nanoparticles: The role of polymer size and structure (2017) <i>Physical Chemistry Chemical Physics</i>, 19 (13), pp. 8742-8756. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019903077&amp;doi=10.1039%2Fc6cp05562a&amp;partnerID=40&amp;md5=908a892c5a8249bc1489d7fcc3ce718e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019903077&amp;doi=10.1039%2Fc6cp05562a&amp;partnerID=40&amp;md5=908a892c5a8249bc1489d7fcc3ce718e</a> DOI: 10.1039/c6cp05562a</p> <p>10. Smortsova, Y., Miannay, F.-A., Oher, H., Marekha, B., Dubois, J., Sliwa, M., Kalugin, O., Idrissi, A. Solvation dynamics and rotation of coumarin 153 in a new ionic liquid/molecular solvent mixture model: [BMIM][TFSI]/propylene carbonate (2017) <i>Journal of Molecular Liquids</i>, 226, pp. 48-55. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002061896&amp;doi=10.1016%2Fj.molliq.2016.10.008&amp;partnerID=40&amp;md5=ab5e9ca804348ab2e9d18f69d010815e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85002061896&amp;doi=10.1016%2Fj.molliq.2016.10.008&amp;partnerID=40&amp;md5=ab5e9ca804348ab2e9d18f69d010815e</a> DOI: 10.1016/j.molliq.2016.10.008</p> <p>11. Korsun, O.M., Kalugin, O.N., Vasenko, A.S., Prezhdo, O.V. Electronic Properties of Carbon Nanotubes Intercalated with Li+ and Mg2+: Effects of Ion Charge and Ion Solvation (2016) <i>Journal of Physical Chemistry C</i>, 120 (46), pp. 26514-26521. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84998881001&amp;doi=10.1021%2Facs.jpcc.6b07496&amp;partnerID=40&amp;md5=501f5d8017df44e7829a640704b70479">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84998881001&amp;doi=10.1021%2Facs.jpcc.6b07496&amp;partnerID=40&amp;md5=501f5d8017df44e7829a640704b70479</a> DOI: 10.1021/acs.jpcc.6b07496</p> <p>12. Korsun, O.M., Kalugin, O.N., Fritsky, I.O., Prezhdo, O.V. Ion association in aprotic solvents for lithium ion batteries requires discrete-continuum</p>	<p>new potential model for acetonitrile: Insight into the local structure organization. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2017, 233, 251, 10.1016/j.molliq.2017.03.025.</p> <p>8. Kyrychenko, A; Pasko, DA; Kalugin, ON. Poly(vinyl alcohol) as a water protecting agent for silver nanoparticles: the role of polymer size and structure. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2017, 19, 8742, 10.1039/c6cp05562a.</p> <p>9. Marekha, BA; Kalugin, ON; Bria, M; Takamuku, T; Gadzuric, S; Idrissi, A. Competition between Cation-Solvent and Cation-Anion Interactions in Imidazolium Ionic Liquids with Polar Aprotic Solvents. <i>CHEMPHYSCHEM</i>, 2017, 18, 718, 10.1002/cpch.201601445.</p> <p>10. Smortsova, Y; Miannay, FA; Oher, H; Marekha, B; Dubois, J; Sliwa, M; Kalugin, O; Idrissi, A. Solvation dynamics and rotation of coumarin 153 in a new ionic liquid/molecular solvent mixture model: [BMIM][TFSI]/propylene carbonate. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2017, 226, 48, 10.1016/j.molliq.2016.10.008.</p> <p>11. Korsun, OM; Kalugin, ON; Vasenko, AS; Prezhdo, OV. Electronic Properties of Carbon Nanotubes Intercalated with Li+ and Mg2+: Effects of Ion Charge and Ion Solvation. <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2016, 120, 26514, 10.1021/acs.jpcc.6b07496.</p> <p>12. Korsun, OM; Kalugin, ON; Fritsky, IO; Prezhdo, OV. Ion Association in Aprotic Solvents for Lithium Ion Batteries Requires Discrete-Continuum Approach: Lithium Bis(oxalato)borate in Ethylene Carbonate Based Mixtures. <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2016, 120, 16545, 10.1021/acs.jpcc.6b05963.</p> <p>13. Kalugin, OA; Iskanderov, RR; Kurmangaliyeva, SG; Tleuova, ZT. APPLICATION OF HYDROGEOCHEMICAL METHODS OF INVESTIGATION FOR IDENTIFYING THE SOURCES OF TECHNOGENIC FLOODING. <i>BULLETIN OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN</i>, 2016, 43.</p> <p>14. Marekha, BA; Koverga, VA; Chesneau, E; Kalugin, ON; Takamuku, T; Jedlovsky, P; Idrissi, A. Local Structure in Terms of Nearest-Neighbor Approach in 1-Butyl-3-methylimidazolium-Based Ionic Liquids: MD Simulations. <i>JOURNAL OF PHYSICAL CHEMISTRY B</i>, 2016, 120, 5029, 10.1021/acs.jpcc.6b04066.</p> <p>15. Kan, SM; Kalugin, OA; Murtazin, EZ; Isabekov, RB. THE MAIN RESOURCES UNDERFLOODING INDUSTRIAL AREAS OF ZHANA OZEN. <i>BULLETIN OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN</i>, 2016, 89.</p> <p>16. Chernozhuk, TV; Sherstyuk, YS; Novikov, DO; Kalugin, ON. Association constants in solutions of lithium salts in butyrolactone and a mixture of propylene carbonate with 1,2-dimethoxyethane (1:1), according to conductometric data. <i>RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A</i>, 2016, 90, 329, 10.1134/S0036024416020096.</p> <p>17. Chernozhuk, T; Kalugin, O. CONDUCTIVITY AND INTERPARTICLE INTERACTIONS IN THE SOLUTIONS OF 1-1 ELECTROLYTES IN PROPYLENE CARBONATE IN THE WIDE RANGE OF TEMPERATURES. <i>CHEMISTRY &amp; CHEMICAL TECHNOLOGY</i>, 2016, 10, 9.</p> <p>18. Kan, SM; Kurmangaliyeva, SG; Plekhanov, PA; Tleuova, ZT;</p>
--	--	--	--	--

			<p>approach: Lithium bis(oxalato)borate in ethylene carbonate based mixtures (2016) <i>Journal of Physical Chemistry C</i>, 120 (30), pp. 16545-16552.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84980601944&amp;doi=10.1021%2facsc.jpcc.6b05963&amp;partnerID=40&amp;md5=a62326574d092c33a5bb7acefc276e05">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84980601944&amp;doi=10.1021%2facsc.jpcc.6b05963&amp;partnerID=40&amp;md5=a62326574d092c33a5bb7acefc276e05</a> DOI: 10.1021/acs.jpcc.6b05963</p> <p>13. Marekha, B.A., Koverga, V.A., Chesneau, E., Kalugin, O.N., Takamuku, T., Jedlovsky, P., Idrissi, A. Local Structure in Terms of Nearest-Neighbor Approach in 1-Butyl-3-methylimidazolium-Based Ionic Liquids: MD Simulations (2016) <i>Journal of Physical Chemistry B</i>, 120 (22), pp. 5029-5041.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974588932&amp;doi=10.1021%2facsc.jpcc.6b04066&amp;partnerID=40&amp;md5=01f6e2eb312a14ebb83079cff85fbbd">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84974588932&amp;doi=10.1021%2facsc.jpcc.6b04066&amp;partnerID=40&amp;md5=01f6e2eb312a14ebb83079cff85fbbd</a> DOI: 10.1021/acs.jpcc.6b04066</p> <p>14. Chernozhuk, T.V., Sherstyuk, Yu.S., Novikov, D.O., Kalugin, O.N. Association constants in solutions of lithium salts in butyrolactone and a mixture of propylene carbonate with 1,2-dimethoxyethane (1: 1), according to conductometric data (2016) <i>Russian Journal of Physical Chemistry A</i>, 90 (2), pp. 329-333. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953407750&amp;doi=10.1134%2fS0036024416020096&amp;partnerID=40&amp;md5=73f5a40e246563d4496ecb7f14532adb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953407750&amp;doi=10.1134%2fS0036024416020096&amp;partnerID=40&amp;md5=73f5a40e246563d4496ecb7f14532adb</a> DOI: 10.1134/S0036024416020096</p> <p>15. Chernozhuk, T., Kalugin, O. Conductivity and interparticulate interactions in the solutions of 1-1 electrolytes in propylene carbonate in the wide range of temperatures (2016) <i>Chemistry and Chemical Technology</i>, 10 (1), pp. 9-18.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058952937&amp;doi=10.23939%2fchcht10.01.009&amp;partnerID=40&amp;md5=281d1e78294754d0c118c7dae8a2d644">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058952937&amp;doi=10.23939%2fchcht10.01.009&amp;partnerID=40&amp;md5=281d1e78294754d0c118c7dae8a2d644</a> DOI: 10.23939/chcht10.01.009</p> <p>16. Marekha, B.A., Bria, M., Moreau, M., De Waele, I., Miannay, F.-A., Smortsova, Y., Takamuku, T., Kalugin, O.N., Kiselev, M., Idrissi, A. Intermolecular interactions in mixtures of 1-n-butyl-3-methylimidazolium acetate and water: Insights from IR, Raman, NMR spectroscopy and quantum chemistry calculations (2015) <i>Journal of Molecular Liquids</i>, 210, pp. 227-237.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940602095&amp;doi=10.1016%2fj.molliq.2015.05.015&amp;partnerID=40&amp;md5=3d5ccf65b8a4e178c99924623a1f378a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940602095&amp;doi=10.1016%2fj.molliq.2015.05.015&amp;partnerID=40&amp;md5=3d5ccf65b8a4e178c99924623a1f378a</a> DOI: 10.1016/j.molliq.2015.05.015</p> <p>17. Marekha, B.A., Kalugin, O.N., Bria, M., Idrissi, A. Probing structural patterns of ion association and solvation in mixtures of imidazolium ionic liquids with acetonitrile by means of relative <sup>1</sup>H and <sup>13</sup>C NMR chemical shifts (2015) <i>Physical Chemistry Chemical Physics</i>, 17 (35), pp. 23183-23194. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940491340&amp;doi=10.1039%2fc5cp02748a&amp;partnerID=40&amp;md5=bba985770ccc9607c3da142415f3259c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940491340&amp;doi=10.1039%2fc5cp02748a&amp;partnerID=40&amp;md5=bba985770ccc9607c3da142415f3259c</a> DOI: 10.1039/c5cp02748a</p> <p>18. Marekha, B.A., Kalugin, O.N., Idrissi, A. Non-covalent interactions in ionic liquid ion pairs and ion pair dimers: a quantum chemical calculation analysis (2015) <i>Physical Chemistry Chemical Physics</i>, 17 (26), pp. 16846-16857.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933045294&amp;doi=10.1039%2fc5cp02197a&amp;partnerID=40&amp;md5=fb789cbfae5451fe031877fc27b8924a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84933045294&amp;doi=10.1039%2fc5cp02197a&amp;partnerID=40&amp;md5=fb789cbfae5451fe031877fc27b8924a</a> DOI: 10.1039/c5cp02197a</p> <p>19. Kyrychenko, A., Korsun, O.M., Gubin, I.I., Kovalenko, S.M., Kalugin, O.N. Atomistic simulations of coating of silver nanoparticles with</p>	<p>Kalugin, O.A. SOME ASPECTS OF METHODS ELICITATION ECONOMIC EXPEDIENCY CARGO CARRIAGE THE DIFFERENT TYPES OF TRANSPORT. BULLETIN OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN, 2015, 66.</p> <p>19. Marekha, BA; Bria, M; Moreau, M; De Waele, I; Miannay, FA; Smortsova, Y; Takamuku, T; Kalugin, ON; Kiselev, M; Idrissi, A. Intermolecular interactions in mixtures of 1-n-butyl-3-methylimidazolium acetate and water: Insights from IR, Raman, NMR spectroscopy and quantum chemistry calculations. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2015, 210, 227, 10.1016/j.molliq.2015.05.015.</p> <p>20. Kyrychenko, A; Korsun, OM; Gubin, II; Kovalenko, SM; Kalugin, ON. Atomistic Simulations of Coating of Silver Nanoparticles with Poly(vinylpyrrolidone) Oligomers: Effect of Oligomer Chain Length. <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2015, 119, 7888, 10.1021/jp510369a.</p> <p>21. Marekha, BA; Koverga, VA; Moreau, M; Kiselev, M; Takamuku, T; Kalugin, ON; Idrissi, A. Intermolecular interactions, ion solvation, and association in mixtures of 1-n-butyl-3-methylimidazolium hexafluorophosphate and gamma-butyrolactone: insights from Raman spectroscopy. <i>JOURNAL OF RAMAN SPECTROSCOPY</i>, 2015, 46, 339, 10.1002/jrs.4640.</p> <p>22. Voroshylova, IV; Smaga, SR; Lukinova, EV; Chaban, VV; Kalugin, ON. Conductivity and association of imidazolium and pyridinium based ionic liquids in methanol. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2015, 203, 7, 10.1016/j.molliq.2014.12.028.</p> <p>23. Marekha, BA; Kalugin, ON; Bria, M; Idrissi, A. Probing structural patterns of ion association and solvation in mixtures of imidazolium ionic liquids with acetonitrile by means of relative H-1 and C-13 NMR chemical shifts. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2015, 17, 23183, 10.1039/c5cp02748a.</p> <p>31. 25. Marekha, BA; Kalugin, ON; Idrissi, A. Non-covalent interactions in ionic liquid ion pairs and ion pair dimers: a quantum chemical calculation analysis. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2015, 17, 16846, 10.1039/c5cp02197a.</p>
--	--	--	--	--



			<p>poly(vinylpyrrolidone) oligomers: Effect of oligomer chain length (2015) Journal of Physical Chemistry C, 119 (14), pp. 7888-7899.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&amp;doi=10.1021%2fjp510369a&amp;partnerID=40&amp;md5=47308ebbd73b4c10025dfc825b0c2a29">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&amp;doi=10.1021%2fjp510369a&amp;partnerID=40&amp;md5=47308ebbd73b4c10025dfc825b0c2a29</a> DOI: 10.1021/jp510369a</p> <p>20. Voroshylova, I.V., Smaga, S.R., Lukinova, E.V., Chaban, V.V., Kalugin, O.N. Conductivity and association of imidazolium and pyridinium based ionic liquids in methanol (2015) Journal of Molecular Liquids, 203, pp. 7-15.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920096773&amp;doi=10.1016%2fj.molliq.2014.12.028&amp;partnerID=40&amp;md5=9e7262fec7acdc281600fd5db1ec1423">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920096773&amp;doi=10.1016%2fj.molliq.2014.12.028&amp;partnerID=40&amp;md5=9e7262fec7acdc281600fd5db1ec1423</a> DOI: 10.1016/j.molliq.2014.12.028</p> <p>21. Marekha, B.A., Koverga, V.A., Moreau, M., Kiselev, M., Takamuku, T., Kalugin, O.N., Idrissi, A. Intermolecular interactions, ion solvation, and association in mixtures of 1-n-butyl-3-methylimidazolium hexafluorophosphate and <math>\gamma</math>-butyrolactone: Insights from Raman spectroscopy (2015) Journal of Raman Spectroscopy, 46 (3), pp. 339-352.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924962623&amp;doi=10.1002%2fjrs.4640&amp;partnerID=40&amp;md5=f1df1e84cd2fb97f8a5acf28e8b00609">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924962623&amp;doi=10.1002%2fjrs.4640&amp;partnerID=40&amp;md5=f1df1e84cd2fb97f8a5acf28e8b00609</a> DOI: 10.1002/jrs.4640</p> <p>22. Agieienko, V.N., Kalugin, O.N. Complexation of Ni(ClO<sub>4</sub>)<sub>2</sub> and Mg(ClO<sub>4</sub>)<sub>2</sub> with 3-hydroxyflavone in acetonitrile medium: Conductometric, spectroscopic, and quantum chemical investigation (2014) Journal of Physical Chemistry B, 118 (42), pp. 12251-12262.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908136471&amp;doi=10.1021%2fjp5080829&amp;partnerID=40&amp;md5=a625ff5f373707a7af0fe894319a0bcf">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908136471&amp;doi=10.1021%2fjp5080829&amp;partnerID=40&amp;md5=a625ff5f373707a7af0fe894319a0bcf</a> DOI: 10.1021/jp5080829</p> <p>23. Marekha, B.A., Kalugin, O.N., Bria, M., Buchner, R., Idrissi, A. Translational diffusion in mixtures of imidazolium ills with polar aprotic molecular solvents (2014) Journal of Physical Chemistry B, 118 (20), pp. 5509-5517.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901355161&amp;doi=10.1021%2fjp501561s&amp;partnerID=40&amp;md5=a3f879a763a407f0d7cd41c42f071626">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901355161&amp;doi=10.1021%2fjp501561s&amp;partnerID=40&amp;md5=a3f879a763a407f0d7cd41c42f071626</a> DOI: 10.1021/jp501561s</p> <p>24. Agieienko, V.N., Kolesnik, Y.V., Kalugin, O.N. Structure, solvation, and dynamics of Mg<sup>2+</sup>, Ca<sup>2+</sup>, Sr<sup>2+</sup>, and Ba<sup>2+</sup> complexes with 3-hydroxyflavone and perchlorate anion in acetonitrile medium: A molecular dynamics simulation study (2014) Journal of Chemical Physics, 140 (19), статья № 194501, .  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901500894&amp;doi=10.1063%2f1.4875591&amp;partnerID=40&amp;md5=fadd87339681628f46575b332a8cac93">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901500894&amp;doi=10.1063%2f1.4875591&amp;partnerID=40&amp;md5=fadd87339681628f46575b332a8cac93</a> DOI: 10.1063/1.4875591</p> <p>25. Golenya, I.A., Gumienna-Kontecka, E., Haukka, M., Korsun, O.M., Kalugin, O.N., Fritsky, I.O. Copper(ii) complexes of 3- and 4-picolinehydroxamic acids: From mononuclear compounds to 1D- and 2D-coordination polymers (2014) CrystEngComm, 16 (10), pp. 1904-1918.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894148268&amp;doi=10.1039%2fc3ce42343c&amp;partnerID=40&amp;md5=a6c84bcb21dc37288fc4885e8eb257e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894148268&amp;doi=10.1039%2fc3ce42343c&amp;partnerID=40&amp;md5=a6c84bcb21dc37288fc4885e8eb257e</a> DOI: 10.1039/c3ce42343c</p> <p>26. Korsun, O.M., Kalugin, O.N., Prezhdo, O.V. Control of carbon nanotube electronic properties by lithium cation intercalation (2014) Journal of Physical Chemistry Letters, 5 (23), pp. 4129-4133.</p>	
--	--	--	--	--

				<p><a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915751379&amp;doi=10.1021%2Fjz502175e&amp;partnerID=40&amp;md5=274d1f479295b7172448d9a7527f5eeb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915751379&amp;doi=10.1021%2Fjz502175e&amp;partnerID=40&amp;md5=274d1f479295b7172448d9a7527f5eeb</a> DOI: 10.1021/jz502175e</p> <p>27. Kholin, Y.V., Kalugin, O.N. Training of specialists in chemistry at classical universities in the context of higher education reformation in Ukraine (2013) Russian Journal of General Chemistry, 83 (3), pp. 586-593. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880650347&amp;doi=10.1134%2FS1070363213030316&amp;partnerID=40&amp;md5=83d9a9b02603a5e795f368e839d4d986">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880650347&amp;doi=10.1134%2FS1070363213030316&amp;partnerID=40&amp;md5=83d9a9b02603a5e795f368e839d4d986</a> DOI: 10.1134/S1070363213030316</p> <p>28. Kalugin, O.N., Voroshylova, I.V., Riabchunova, A.V., Lukinova, E.V., Chaban, V.V. Conductometric study of binary systems based on ionic liquids and acetonitrile in a wide concentration range (2013) Electrochimica Acta, 105, pp. 188-199. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878311330&amp;doi=10.1016%2Fj.electacta.2013.04.140&amp;partnerID=40&amp;md5=5c01b13f19697946e08d103e0e79ec35">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878311330&amp;doi=10.1016%2Fj.electacta.2013.04.140&amp;partnerID=40&amp;md5=5c01b13f19697946e08d103e0e79ec35</a> DOI: 10.1016/j.electacta.2013.04.140</p> <p>29. Chaban, V.V., Voroshylova, I.V., Kalugin, O.N., Prezhd, O.V. Acetonitrile boosts conductivity of imidazolium ionic liquids (2012) Journal of Physical Chemistry B, 116 (26), pp. 7719-7727. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863612319&amp;doi=10.1021%2Fjp3034825&amp;partnerID=40&amp;md5=75d619fc9b06eb8cc2932fff24c7ceed">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863612319&amp;doi=10.1021%2Fjp3034825&amp;partnerID=40&amp;md5=75d619fc9b06eb8cc2932fff24c7ceed</a> DOI: 10.1021/jp3034825</p> <p>30. Kalugin, O.N., Agieienko, V.N., Otroshko, N.A. Ion association and solvation in solutions of Mg<sup>2+</sup>, Ca<sup>2+</sup>, Sr<sup>2+</sup>, Ba<sup>2+</sup> and Ni<sup>2+</sup> perchlorates in acetonitrile: Conductometric study (2012) Journal of Molecular Liquids, 165, pp. 78-86. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84155167958&amp;doi=10.1016%2Fj.molliq.2011.10.012&amp;partnerID=40&amp;md5=73d438972dc5a712307170d763cadb0b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84155167958&amp;doi=10.1016%2Fj.molliq.2011.10.012&amp;partnerID=40&amp;md5=73d438972dc5a712307170d763cadb0b</a> DOI: 10.1016/j.molliq.2011.10.012</p>		
Хімічний	Органічної хімії	Коваленко Сергій Миколайович	15	<p>1. Vlasov, S.V., Kovalenko, S.N., Osolodchenko, T.P., Lenitskaya, E.B., Chernykh, V.P. Synthesis and Biological Activity of 6-(1,3-Benzoxazol-2-Yl)-5-Methylthieno-[2,3-d]Pyrimidines (2018) Pharmaceutical Chemistry Journal, 52 (6), pp. 510-514. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053473944&amp;doi=10.1007%2Ffs11094-018-1850-1&amp;partnerID=40&amp;md5=e4f9a2d13f7cfc66b944c4e7e45e3e6a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053473944&amp;doi=10.1007%2Ffs11094-018-1850-1&amp;partnerID=40&amp;md5=e4f9a2d13f7cfc66b944c4e7e45e3e6a</a> DOI: 10.1007/s11094-018-1850-1</p> <p>2. Vlasov, S.V., Kovalenko, S.M., Shynkarenko, P.E., Krolenko, K.Y., Vlasov, V.S. Synthesis and antimicrobial evaluation of 3-(4-arylthieno[2,3-d]pyrimidin-2-yl)-2H-chromen-2-ones (2018) Heterocyclic Communications, 24 (4), pp. 237-240. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049519268&amp;doi=10.1515%2Fhc-2018-0013&amp;partnerID=40&amp;md5=1367c4ce7a7b07d69ce7573a7754bc81">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049519268&amp;doi=10.1515%2Fhc-2018-0013&amp;partnerID=40&amp;md5=1367c4ce7a7b07d69ce7573a7754bc81</a> DOI: 10.1515/hc-2018-0013</p> <p>3. Vlasov, S.V., Kovalenko, S.N., Osolodchenko, T.P., Lenitskaya, E.B., Chernykh, V.P. Synthesis and Biological Activity of 6-(1,3-Benzoxazol-2-Yl)-5-Methylthieno-[2,3-d]Pyrimidines (2018) Pharmaceutical Chemistry Journal, . Article in Press. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053451161&amp;doi=10.1007%2Ffs11094-018-1850-1&amp;partnerID=40&amp;md5=588e6e4b929f2f45fbc132c6d0fddba0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053451161&amp;doi=10.1007%2Ffs11094-018-1850-1&amp;partnerID=40&amp;md5=588e6e4b929f2f45fbc132c6d0fddba0</a> DOI: 10.1007/s11094-018-1850-1</p>	24	<p>1. Lebedynets, OV; Kovalenko, SM; Portyanko, TM; Yeromenko, RF. Prospects for the Use of Wine of Ukrainian Producers for Creation of Parapharmaceuticals. ASIAN JOURNAL OF PHARMACEUTICS, 2018, 12, S1191.</p> <p>2. Vlasov, SV; Kovalenko, SN; Osolodchenko, TP; Lenitskaya, EB; Chernykh, VP. Synthesis and Biological Activity of 6-(1,3-Benzoxazol-2-Yl)-5-Methylthieno-[2,3-d]Pyrimidines. PHARMACEUTICAL CHEMISTRY JOURNAL, 2018, 52, 510, 10.1007/s11094-018-1850-1.</p> <p>3. Vlasov, SV; Kovalenko, SM; Shynkarenko, PE; Krolenko, KY; Vlasov, VS. Synthesis and antimicrobial evaluation of 3-(4-arylthieno[2,3-d]pyrimidin-2-yl)-2H-chromen-2-ones. HETEROCYCLIC COMMUNICATIONS, 2018, 24, 237, 10.1515/hc-2018-0013.</p> <p>4. Baranova, II; Petrovska, LS; Bezpala, YO; Kovalenko, SM; Shpychak, OS. Experimental Reasoning for the Selection of the Foam-washing Agent Base Carrier at pH 3.3-4.8. ASIAN JOURNAL OF PHARMACEUTICS, 2018, 12, 11.</p> <p>5. Baiva, PP; Kovalenko, SM; Baranova, II; Kutsenko, SA; Tereshchenko, LV. Experimental Research for Gelator Selection in the Development of a Medicine for the Treatment of the Second Degree of Acne. ASIAN JOURNAL OF PHARMACEUTICS, 2017, 11, S830.</p> <p>6. Kovalevska, IV; Ruban, EA; Kutsenko, SA; Kutova, OV; Kovalenko, SM. Study of Physical and Chemical Properties of Solid Dispersions of Quercetin.</p>

			<p>4. Danylchenko, S.Y., Drushlyak, O.G., Kovalenko, S.S., Kovalenko, S.M. Formation of 1-methyl[1,2,4]triazolo[4,3-a]quinazolin-5(4H)-ones by reaction of 2-hydrazinoquinazolin-4(3H)-ones with acetylacetone (2015) <i>Heterocyclic Communications</i>, 21 (4), pp. 195-197. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939160984&amp;doi=10.1515%2fhc-2015-0104&amp;partnerID=40&amp;md5=78b31990b6a882767e43045f340de18e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939160984&amp;doi=10.1515%2fhc-2015-0104&amp;partnerID=40&amp;md5=78b31990b6a882767e43045f340de18e</a> DOI: 10.1515/hc-2015-0104</p> <p>5. Borisov, A.V., Kovalenko, S.S., Kovalenko, S.M. Novel approach for the synthesis of N-unsubstituted 2,3,5,6-tetrahydro-4H-2,6-methano-1,3-benzoxazocine-4-thiones(2015) <i>Chemistry of Heterocyclic Compounds</i>, 51 (7), pp. 678-681. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954025876&amp;doi=10.1007%2fs10593-015-1756-8&amp;partnerID=40&amp;md5=04caafe1cf904762630d26c00c5566cc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954025876&amp;doi=10.1007%2fs10593-015-1756-8&amp;partnerID=40&amp;md5=04caafe1cf904762630d26c00c5566cc</a> DOI: 10.1007/s10593-015-1756-8</p> <p>6. Krolenko, K.Yu., Silin, O.V., Vlasov, S.V., Zhuravel, I.O., Kovalenko, S.M. An efficient synthesis of 1,3,7-triazaspiro[4.4]nonane-2,4-dione derivatives and antimicrobial activity thereof(2015) <i>Chemistry of Heterocyclic Compounds</i>, 51 (5), pp. 472-477. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943257884&amp;doi=10.1007%2fs10593-015-1721-6&amp;partnerID=40&amp;md5=830752953967fec8a8bfd651efa41942">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943257884&amp;doi=10.1007%2fs10593-015-1721-6&amp;partnerID=40&amp;md5=830752953967fec8a8bfd651efa41942</a> DOI: 10.1007/s10593-015-1721-6</p> <p>7. Nechayev, M.A., Gorobets, N.Y., Shishkina, S.V., Shishkin, O.V., Kovalenko, S.M. Microwave-assisted acid-catalyzed nucleophilic heteroaromatic substitution: The synthesis of 7-amino-6-azaindoles(2015) <i>Tetrahedron</i>, 71 (8), pp. 1311-1321. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922215223&amp;doi=10.1016%2fj.tet.2014.12.057&amp;partnerID=40&amp;md5=7c9a7f19d83c077a04857b8593ccdec">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922215223&amp;doi=10.1016%2fj.tet.2014.12.057&amp;partnerID=40&amp;md5=7c9a7f19d83c077a04857b8593ccdec</a> DOI: 10.1016/j.tet.2014.12.057</p> <p>8. Kyrychenko, A., Korsun, O.M., Gubin, I.I., Kovalenko, S.M., Kalugin, O.N. Atomistic simulations of coating of silver nanoparticles with poly(vinylpyrrolidone) oligomers: Effect of oligomer chain length(2015) <i>Journal of Physical Chemistry C</i>, 119 (14), pp. 7888-7899. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&amp;doi=10.1021%2fjp510369a&amp;partnerID=40&amp;md5=47308ebbd73b4c10025dfc825b0c2a29">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927622609&amp;doi=10.1021%2fjp510369a&amp;partnerID=40&amp;md5=47308ebbd73b4c10025dfc825b0c2a29</a> DOI: 10.1021/jp510369a</p> <p>9. Vlasov, S.V., Kovalenko, S.M., Chernykh, V.P., Krolenko, K.Y. Synthesis of 5-methyl-4-thio-6-(1,3,4-oxadiazol-2-yl)thieno [2,3-d]pyrimidines and their antimicrobial activity study(2014) <i>Journal of Chemical and Pharmaceutical Research</i>, 6 (6), pp. 22-27. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907550479&amp;partnerID=40&amp;md5=b7062f5596d8260c1f2067ab082c3288">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907550479&amp;partnerID=40&amp;md5=b7062f5596d8260c1f2067ab082c3288</a></p> <p>10. Vlasov, S.V., Borisov, A.V., Kovalenko, S.M., Chernykh, V.P., Osolodchenko, T.P. Synthesis and antimicrobial activity study of thieno [3,2-e] [1,2,4]triazolo [4,3-c]pyrimidin-3(2H)-one derivatives(2014) <i>Journal of Chemical and Pharmaceutical Research</i>, 6 (8), pp. 170-176. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907542923&amp;partnerID=40&amp;md5=08bce20d55035576dbfde3e473b1da89">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907542923&amp;partnerID=40&amp;md5=08bce20d55035576dbfde3e473b1da89</a></p> <p>11. Kovalenko, S.S., Kulikovska, K.Y., Drushlyak, O.G., Zhuravel, I.O., Kovalenko, S.M., Chernykh, V.P. A suitable synthesis of [1,2,4]triazolo-[4,3-</p>	<p>ASIAN JOURNAL OF PHARMACEUTICS, 2017, 11, S805.</p> <p>7. Baranova, II; Kovalenko, SM; Khokhlenkova, NV; Martyniuk, TV; Kutsenko, SA. Prospects of Using Synthetic and SemiSynthetic Gelling Substances in Development of Medicinal and Cosmetic Gels. <i>ASIAN JOURNAL OF PHARMACEUTICS</i>, 2017, 11, S302.</p> <p>8. Kovalenko, SM; Khokhlenkova, NV; Azarenko, JM. Methodological Aspects of Development of Gels for Treating Inflammatory Dental Diseases. <i>ASIAN JOURNAL OF PHARMACEUTICS</i>, 2017, 11, S129.</p> <p>9. Petrovska, LS; Baranova, II; Bezpala, YO; Kovalenko, SM. The Study of the Foaming Ability of Magnesium Laureth Sulfate at Different pH Values. <i>ASIAN JOURNAL OF PHARMACEUTICS</i>, 2017, 11, S187.</p> <p>10. Diadiun, TV; Kovalenko, SM; Stepanenko, SV. Study of Key Commodity Aspects of Injection Pens for Insulin Administration and Needles for Them. <i>ASIAN JOURNAL OF PHARMACEUTICS</i>, 2016, 10, S717.</p> <p>11. Voskoboinik, AY; Scorina, DY; Sergeieva, TY; Kovalenko, SI; Okovytyy, SI; Omelchenko, IV; Shishkin, OV. Interaction of 3-(2-Aminophenyl)-6-R-1-1,2,4-triazin-5-ones with Acylating Reagents: An Efficient Method for Preparation of 6-Substituted 3-R-1-2H-[1,2,4]triazino[2,3-c]quinazolin-2-ones. <i>JOURNAL OF HETEROCYCLIC CHEMISTRY</i>, 2016, 53, 776, 10.1002/jhet.2120.</p> <p>12. Danylchenko, SY; Drushlyak, OG; Kovalenko, SS; Kovalenko, SM. Formation of 1-methyl[1,2,4]triazolo[4,3-a]quinazolin-5(4H)-ones by reaction of 2-hydrazinoquinazolin-4(3H)-ones with acetylacetone. <i>HETEROCYCLIC COMMUNICATIONS</i>, 2015, 21, 195, 10.1515/hc-2015-0104.</p> <p>13. Borisov, AV; Kovalenko, SS; Kovalenko, SM. Novel approach for the synthesis of N-unsubstituted 2,3,5,6-tetrahydro-4H-2,6-methano-1,3-benzoxazocine-4-thiones. <i>CHEMISTRY OF HETEROCYCLIC COMPOUNDS</i>, 2015, 51, 678, 10.1007/s10593-015-1756-8.</p> <p>14. Anikieieva, MO; Rozanova, SL; Kovalenko, SY; Kovalenko, IF; Gordiyenko, OI; Gordiyenko, EO. Surface charge of erythrocytes and lactobacilli S. thermophilus and their intercellular adhesion depend on the concentration of bivalent cations. <i>JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY</i>, 2015, 29, 1039, 10.1080/01694243.2015.1016598.</p> <p>15. Krolenko, KY; Silin, OV; Vlasov, SV; Zhuravel, IO; Kovalenko, SM. An Efficient Synthesis of 1,3,7-Triazaspiro[4.4]Nonane-2,4-Dione Derivatives and Antimicrobial Activity Thereof. <i>CHEMISTRY OF HETEROCYCLIC COMPOUNDS</i>, 2015, 51, 472, 10.1007/s10593-015-1721-6.</p> <p>16. Gordiyenko, OI; Anikieieva, MO; Rozanova, SL; Kovalenko, SY; Kovalenko, IF; Gordiyenko, EO. DEVELOPMENT OF A MODEL TO INVESTIGATE RED BLOOD CELL SURFACE CHARACTERISTICS AFTER CRYOPRESERVATION. <i>CRYOLETTERS</i>, 2015, 36, 221.</p> <p>17. Kyrychenko, A; Korsun, OM; Gubin, II; Kovalenko, SM; Kalugin, ON. Atomistic Simulations of Coating of Silver Nanoparticles with Poly(vinylpyrrolidone) Oligomers: Effect of Oligomer Chain Length. <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2015, 119, 7888, 10.1021/jp510369a.</p> <p>18. Nechayev, MA; Gorobets, NY; Shishkina, SV; Shishkin, OV; Kovalenko, SM. Microwave-assisted acid-catalyzed nucleophilic heteroaromatic substitution: the synthesis of 7-amino-6-azaindoles. <i>TETRAHEDRON</i>, 2015, 71, 1311, 10.1016/j.tet.2014.12.057.</p>
--	--	--	--	---

			<p>a]pyrazin-8(7h)-one derivatives(2014) Chemistry of Heterocyclic Compounds, 50 (8), pp. 1147-1153. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921938835&amp;doi=10.1007%2fs10593-014-1575-3&amp;partnerID=40&amp;md5=dfe8f30a1a961d98fa91cc1d61c94f07">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921938835&amp;doi=10.1007%2fs10593-014-1575-3&amp;partnerID=40&amp;md5=dfe8f30a1a961d98fa91cc1d61c94f07</a> DOI: 10.1007/s10593-014-1575-3</p> <p>12. Zaremba, O.V., Gorobets, N.Yu., Kovalenko, S.S., Drushlyak, O.G., Grevtsov, O.Yu., Kovalenko, S.M. Facile one-pot synthesis of the pyrazolo[1,5-a]pyrazine scaffold (2013) Chemistry of Heterocyclic Compounds, 49 (6), pp. 915-921. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884769572&amp;doi=10.1007%2fs10593-013-1326-x&amp;partnerID=40&amp;md5=86225dfb18ba59fd5b2d5f5844c10ba7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884769572&amp;doi=10.1007%2fs10593-013-1326-x&amp;partnerID=40&amp;md5=86225dfb18ba59fd5b2d5f5844c10ba7</a> DOI: 10.1007/s10593-013-1326-x</p> <p>13. Borisov, A.V., Tolmachev, A.A., Zavada, O.A., Zhuravel', I.A., Kovalenko, S.N. Synthesis of imidazo[1,2-a]pyrazine and imidazo[1,2-a]pyrimidine derivatives (2013) Chemistry of Heterocyclic Compounds, 49 (5), pp. 704-711. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882854756&amp;doi=10.1007%2fs10593-013-1301-6&amp;partnerID=40&amp;md5=7115800fff60ac9222f58b8b04edddad">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882854756&amp;doi=10.1007%2fs10593-013-1301-6&amp;partnerID=40&amp;md5=7115800fff60ac9222f58b8b04edddad</a> DOI: 10.1007/s10593-013-1301-6</p> <p>14. Nechayev, M.A., Gorobets, N.Y., Kovalenko, S.M., Tolmachev, A.A. An efficient synthesis of 1-methyl-4,5,6,7-tetrahydro-1 H-pyrrolo[2,3-c]pyridine and its N6-substituted analogues (2013) Synthesis (Germany), 45 (7), статья № SS-2012-T0878-OP, pp. 919-924. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875279025&amp;doi=10.1055%2fs-0032-1318346&amp;partnerID=40&amp;md5=61da19e25641c2e28369b4123c7b6574">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875279025&amp;doi=10.1055%2fs-0032-1318346&amp;partnerID=40&amp;md5=61da19e25641c2e28369b4123c7b6574</a> DOI: 10.1055/s-0032-1318346</p> <p>15. Nechayev, M.A., Gorobets, N.Y., Borisov, A.V., Kovalenko, S.M., Tolmachev, A.A. The synthesis of low molecular weight pyrrolo[2,3-c]pyridine-7-one scaffold (2012) Molecular Diversity, 16 (4), pp. 749-757. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878022967&amp;doi=10.1007%2fs11030-012-9410-1&amp;partnerID=40&amp;md5=a12a5ad6259ec30ba1ebda1bca7c41ea">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878022967&amp;doi=10.1007%2fs11030-012-9410-1&amp;partnerID=40&amp;md5=a12a5ad6259ec30ba1ebda1bca7c41ea</a> DOI: 10.1007/s11030-012-9410-1</p>	<p>19. Kovalenko, SS; Kulikovska, KY; Drushlyak, OG; Zhuravel, IO; Kovalenko, SM; Chernykh, VP. A Suitable Synthesis of [1,2,4]triazolo-[4,3-a]pyrazin-8(7H)-one Derivatives. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2014, 50, 1147, 10.1007/s10593-014-1575-3.</p> <p>20. Sergeieva, TY; Voskoboynik, OY; Okovytyy, SI; Kovalenko, SI; Shishkina, SV; Shishkin, OV; Leszczynski, J. Hydrazinolysis of 3-R-[1,2,4]Triazino[2,3-c]quinazolin-2-ones. Synthetic and Theoretical Aspects. JOURNAL OF PHYSICAL CHEMISTRY A, 2014, 118, 1895, 10.1021/jp4052616.</p> <p>21. Zaremba, OV; Gorobets, NY; Kovalenko, SS; Drushlyak, OG; Grevtsov, OY; Kovalenko, SM. Facile one-pot synthesis of the pyrazolo[1,5-a]pyrazine scaffold. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2013, 49, 915, 10.1007/s10593-013-1326-x.</p> <p>22. Borisov, AV; Tolmachev, AA; Zavada, OA; Zhuravel', IA; Kovalenko, SN. Synthesis of imidazo[1,2-a]pyrazine and imidazo[1,2-a]pyrimidine derivatives. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2013, 49, 704, 10.1007/s10593-013-1301-6.</p> <p>23. Nechayev, MA; Gorobets, NY; Kovalenko, SM; Tolmachev, AA. An Efficient Synthesis of 1-Methyl-4,5,6,7-tetrahydro-1H-pyrrolo[2,3-c]pyridine and Its N-6-Substituted Analogues. SYNTHESIS, 2013, 45, 919, 10.1055/s-0032-1318346.</p> <p>24. Nechayev, MA; Gorobets, NY; Borisov, AV; Kovalenko, SM; Tolmachev, AA. The synthesis of low molecular weight pyrrolo[2,3-c]pyridine-7-one scaffold. MOLECULAR DIVERSITY, 2012, 16, 749, 10.1007/s11030-012-9410-1.</p>		
Хімічний	Хімічного матеріалознавства	Іванов Володимир Венедиктович	9	<p>1. Onizhuk, M.O., Panteleimonov, A.V., Kholin, Y.V., Ivanov, V.V. Dissociation Constants of Silanol Groups of Silic Acids: Quantum Chemical Estimations(2018) Journal of Structural Chemistry, 59 (2), pp. 261-271. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048078917&amp;doi=10.1134%2fS0022476618020026&amp;partnerID=40&amp;md5=95e16a567fe2af804686852cc41cadb9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048078917&amp;doi=10.1134%2fS0022476618020026&amp;partnerID=40&amp;md5=95e16a567fe2af804686852cc41cadb9</a> DOI: 10.1134/S0022476618020026</p> <p>2. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&amp;doi=10.1016%2fj.colsurfa.2017.11.018&amp;partnerID=40&amp;md5=66c0a5ab8a1d0c7e6840537aa3904097">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&amp;doi=10.1016%2fj.colsurfa.2017.11.018&amp;partnerID=40&amp;md5=66c0a5ab8a1d0c7e6840537aa3904097</a> DOI: 10.1016/j.colsurfa.2017.11.018</p>	8	<p>1. Onizhuk, MO; Panteleimonov, AV; Kholin, YV; Ivanov, VV. DISSOCIATION CONSTANTS OF SILANOL GROUPS OF SILIC ACIDS: QUANTUM CHEMICAL ESTIMATIONS. JOURNAL OF STRUCTURAL CHEMISTRY, 2018, 59, 261, 10.1134/S0022476618020026.</p> <p>2. Khristenko, IV; Panteleimonov, AV; Iliashenko, RY; Doroshenko, AO; Ivanov, VV; Tkachenko, OS; Benvenuti, EV; Kholin, YV. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes. COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, 2018, 538, 280, 10.1016/j.colsurfa.2017.11.018.</p> <p>3. Onizhuk, MO; Ivanov, VV; Panteleimonov, AV; Kholin, YV. Alternative Methods for Constructing of Linear Regressions. METHODS AND OBJECTS OF CHEMICAL ANALYSIS, 2017, 12, 105, 10.17721/moca.2017.105-111.</p> <p>4. Ivanov, VV; Berdnyk, MI; Adamowicz, L. L-1-regularisation of the coupled-cluster solutions. MOLECULAR PHYSICS, 2017, 115, 2892,</p>

				<p>3. Onizhuk, M.O., Ivanov, V.V., Panteleimonov, A.V., Kholin, Yu.V. Alternative methods for constructing of linear regressions (2017) <i>Methods and Objects of Chemical Analysis</i>, 12 (3), pp. 105-111. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044188467&amp;doi=10.17721%2fmoca.2017.105-111&amp;partnerID=40&amp;md5=7b4957ac4a93b5fbbb8efe593c383974">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044188467&amp;doi=10.17721%2fmoca.2017.105-111&amp;partnerID=40&amp;md5=7b4957ac4a93b5fbbb8efe593c383974</a> DOI: 10.17721/moca.2017.105-111</p> <p>4. Zakharov, A.B., Ivanov, V.V., Adamowicz, L. Optical parameters of <math>\Pi</math>-conjugated oligomer chains from the semiempirical local coupled-cluster theory (2016) <i>Practical Aspects of Computational Chemistry IV</i>, pp. 57-102. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025450611&amp;doi=10.1007%2f978-1-4899-7699-4_3&amp;partnerID=40&amp;md5=c7a8362047cfd67eda5a271be1b3ca05">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025450611&amp;doi=10.1007%2f978-1-4899-7699-4_3&amp;partnerID=40&amp;md5=c7a8362047cfd67eda5a271be1b3ca05</a> DOI: 10.1007/978-1-4899-7699-4_3</p> <p>5. Zakharov, A.B., Ivanov, V.V., Adamowicz, L. <math>\pi</math>-Electron Calculations Using the Local Linear-Response Coupled-Cluster Singles and Doubles Theory (2015) <i>Journal of Physical Chemistry C</i>, 119 (52), pp. 28737-28748. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953775015&amp;doi=10.1021%2facs.jpcc.5b09496&amp;partnerID=40&amp;md5=d03b67acf95c8aa1aeb50efb5bf14d2">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84953775015&amp;doi=10.1021%2facs.jpcc.5b09496&amp;partnerID=40&amp;md5=d03b67acf95c8aa1aeb50efb5bf14d2</a> DOI: 10.1021/acs.jpcc.5b09496</p> <p>6. Zakharov, A.B., Ivanov, V.V., Adamowicz, L. Molecular nonlinear optical parameters of <math>\pi</math>-conjugated nonalternant hydrocarbons obtained in semiempirical local coupled-cluster theory (2014) <i>Journal of Physical Chemistry C</i>, 118 (15), pp. 8111-8121. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899014565&amp;doi=10.1021%2fjp5002176&amp;partnerID=40&amp;md5=bfde2961d63f07f4fedbfd5908c9f1c1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899014565&amp;doi=10.1021%2fjp5002176&amp;partnerID=40&amp;md5=bfde2961d63f07f4fedbfd5908c9f1c1</a> DOI: 10.1021/jp5002176</p> <p>7. Ivanov, V.V., Zakharov, A.B., Adamowicz, L. Molecular dipole static polarisabilities and hyperpolarisabilities of conjugated oligomer chains calculated with the local <math>\pi</math>-electron coupled cluster theory (2013) <i>Molecular Physics</i>, 111 (24), pp. 3779-3792. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890218883&amp;doi=10.1080%2f00268976.2013.788742&amp;partnerID=40&amp;md5=040dc336cb3fefda7942fff2878997f9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890218883&amp;doi=10.1080%2f00268976.2013.788742&amp;partnerID=40&amp;md5=040dc336cb3fefda7942fff2878997f9</a> DOI: 10.1080/00268976.2013.788742</p> <p>8. Pushkarova, Y.N., Sledzevskaia, A.B., Panteleimonov, A.V., Titova, N.P., Yurchenko, O.I., Ivanov, V.V., Kholin, Y.V. Identification of water samples from different springs and rivers of Kharkiv: Comparison of methods for multivariate data analysis (2013) <i>Moscow University Chemistry Bulletin</i>, 68 (1), pp. 60-66. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&amp;doi=10.3103%2fS0027131412060077&amp;partnerID=40&amp;md5=563de9977cfc6550ec5abde61315ab54">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&amp;doi=10.3103%2fS0027131412060077&amp;partnerID=40&amp;md5=563de9977cfc6550ec5abde61315ab54</a> DOI: 10.3103/S0027131412060077</p> <p>9. Baraban, A.Y., Ivanov, V.V., Khristenko, I.V., Kholin, Y.V. Quantum chemical calculations for the hydration of model silica modified by aliphatic amines (2012) <i>Russian Journal of Physical Chemistry A</i>, 86 (2), pp. 244-251. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856204283&amp;doi=10.1134%2fS0036024412020057&amp;partnerID=40&amp;md5=ac5a2003620c53520f3b4b615008840">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856204283&amp;doi=10.1134%2fS0036024412020057&amp;partnerID=40&amp;md5=ac5a2003620c53520f3b4b615008840</a> DOI: 10.1134/S0036024412020057</p>	<p>10.1080/00268976.2017.1359345.</p> <p>5. Zaporozhets, IA; Ivanov, VV; Lyakh, DI; Adamowicz, L. Discontinuities-free complete-active-space state-specific multi-reference coupled cluster theory for describing bond stretching and dissociation. <i>JOURNAL OF CHEMICAL PHYSICS</i>, 2015, 143, 10.1063/1.4926392.</p> <p>6. Zakharov, AB; Ivanov, VV; Adamowicz, L. Molecular Nonlinear Optical Parameters of <math>\pi</math>-Conjugated Nonalternant Hydrocarbons Obtained in Semiempirical Local Coupled-Cluster Theory. <i>JOURNAL OF PHYSICAL CHEMISTRY C</i>, 2014, 118, 8111, 10.1021/jp5002176.</p> <p>7. Ivanov, VV; Zakharov, AB; Adamowicz, L. Molecular dipole static polarisabilities and hyperpolarisabilities of conjugated oligomer chains calculated with the local <math>\pi</math>-electron coupled cluster theory. <i>MOLECULAR PHYSICS</i>, 2013, 111, 3779, 10.1080/00268976.2013.788742.</p> <p>8. Baraban, AY; Ivanov, VV; Khristenko, IV; Kholin, YV. Quantum chemical calculations for the hydration of model silica modified by aliphatic amines. <i>RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A</i>, 2012, 86, 244, 10.1134/S0036024412020057.</p>	
Хімічний	Хімічного матеріало-	Рошаль Олександр	31	1. Ponomarev, O.A., Sanin, E.V., Chepeleva, L.V., Roshal, A.D. Electronic absorption spectra and fluorescent properties of non-associated	31	1. Electronic absorption spectra and fluorescent properties of non-associated 16,17-bis(alkoxy)violanthrone dyes and their dependence on the nature of

<p>знавства</p>	<p>Давидович</p>	<p>16,17-bis(alkoxy)violanthrone dyes and their dependence on the nature of substituent and solvent's parameters(2018) Dyes and Pigments, 156, pp. 45-52. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044968799&amp;doi=10.1016%2Fj.dyepig.2018.03.068&amp;partnerID=40&amp;md5=3499f4c106e17540d75305a0bcd901d9DOI: 10.1016/j.dyepig.2018.03.068">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044968799&amp;doi=10.1016%2Fj.dyepig.2018.03.068&amp;partnerID=40&amp;md5=3499f4c106e17540d75305a0bcd901d9DOI: 10.1016/j.dyepig.2018.03.068</a></p> <p>2. Serdiuk, I.E., Wera, M., Roshal, A.D.Structural and Spectral Features of 4'-Substituted 2'-Hydroxychalcones in Solutions and Crystals: Spectroscopic and Theoretical Investigations(2018) Journal of Physical Chemistry A, 122 (8), pp. 2030-2038. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042756071&amp;doi=10.1021%2Facs.jpca.7b10361&amp;partnerID=40&amp;md5=cc9557d2ee5c70eb6e81989c904e1644DOI: 10.1021/acs.jpca.7b10361">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042756071&amp;doi=10.1021%2Facs.jpca.7b10361&amp;partnerID=40&amp;md5=cc9557d2ee5c70eb6e81989c904e1644DOI: 10.1021/acs.jpca.7b10361</a></p> <p>3. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., Cheipesh, T.A., Roshal, A.D., Zibarov, A.M., Shestopalova, A.V., Semenov, M.A., Glibitskiy, G.M.Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures(2018) Radiation Physics and Chemistry, 144, pp. 231-237. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028363619&amp;doi=10.1016%2Fj.radphyschem.2017.08.019&amp;partnerID=40&amp;md5=a723bbe4849f070cb42825573bd7934c DOI: 10.1016/j.radphyschem.2017.08.019">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028363619&amp;doi=10.1016%2Fj.radphyschem.2017.08.019&amp;partnerID=40&amp;md5=a723bbe4849f070cb42825573bd7934c DOI: 10.1016/j.radphyschem.2017.08.019</a></p> <p>4. Serdiuk, I.E., Roshal, A.D.Exploring double proton transfer: A review on photochemical features of compounds with two proton-transfer sites(2017) Dyes and Pigments, 138, pp. 223-244. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999269031&amp;doi=10.1016%2Fj.dyepig.2016.11.028&amp;partnerID=40&amp;md5=f2e93f35d6b07fd42d9dbb47082ca5fc DOI: 10.1016/j.dyepig.2016.11.028">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999269031&amp;doi=10.1016%2Fj.dyepig.2016.11.028&amp;partnerID=40&amp;md5=f2e93f35d6b07fd42d9dbb47082ca5fc DOI: 10.1016/j.dyepig.2016.11.028</a></p> <p>5. Mishurov, D., Voronkin, A., Roshal, A., Bogatrenko, S.Influence of structure 3,5,7,3',4'-Pentahydroxyflavone-based polymer films on their optical transparency(2017) Optical Materials, 64, pp. 166-170. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006120524&amp;doi=10.1016%2Fj.optmat.2016.12.004&amp;partnerID=40&amp;md5=9265ea88113b1a2957cfc4ce141938b4DOI: 10.1016/j.optmat.2016.12.004">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006120524&amp;doi=10.1016%2Fj.optmat.2016.12.004&amp;partnerID=40&amp;md5=9265ea88113b1a2957cfc4ce141938b4DOI: 10.1016/j.optmat.2016.12.004</a></p> <p>6. Mishurov, D., Roshal, O., Brovko, O.Influence of residual solvent on relaxation behavior of polymer films based on glycidyl derivatives of 3, 5, 7, 3',4'-pentahydroxyflavone(2017) Functional Materials, 24 (1), pp. 68-75. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016393985&amp;doi=10.15407%2Ffm24.01.068&amp;partnerID=40&amp;md5=1f9ba36bc945076a9b37d7561d6f2397DOI: 10.15407/fm24.01.068">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016393985&amp;doi=10.15407%2Ffm24.01.068&amp;partnerID=40&amp;md5=1f9ba36bc945076a9b37d7561d6f2397DOI: 10.15407/fm24.01.068</a></p> <p>7. Kaliteevskaya, E., Krutyakova, V., Razumova, T., Roshal, A., Starovoytov, A. Optical properties and component composition of layers of cyanine dyes on dielectric supports: influence of asymmetry of the molecular electron density distribution (2017) Optical and Quantum Electronics, 49 (1), статья № 32, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007601504&amp;doi=10.1007%2Fs11082-016-0862-x&amp;partnerID=40&amp;md5=24fc51382e5e090ffca780e114ae9843DOI: 10.1007/s11082-016-0862-x">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007601504&amp;doi=10.1007%2Fs11082-016-0862-x&amp;partnerID=40&amp;md5=24fc51382e5e090ffca780e114ae9843DOI: 10.1007/s11082-016-0862-x</a></p> <p>8. Iurchenko, A.N., Voronov, A.P., Roshal, A.D., Kryvonogov, S.I., Babenko, G.N., Pritula, I.M. Growth peculiarities of doped lithium dihydrogen phosphate single crystals from nonstoichiometric solution (2017) Functional Materials, 24 (2), pp. 226-236. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-">https://www.scopus.com/inward/record.uri?eid=2-s2.0-</a></p>	<p>substituent and solvent's parameters Автор:: Ponomarev, O. A.; Sanin, E., V.; Chepeleva, L., V; с соавторами. DYES AND PIGMENTS Том: 156 Стр.: 45-52 Опубликовано: SEP 2018</p> <p>2.Structural and Spectral Features of 4 '-Substituted 2 '-Hydroxychalcones in Solutions and Crystals: Spectroscopic and Theoretical Investigations Автор:: Serdiuk, Illia E.; Wera, Michal; Roshal, Alexander D. JOURNAL OF PHYSICAL CHEMISTRY A Том: 122 Выпуск: 8 Стр.: 2030-2038 Опубликовано: MAR 1 2018</p> <p>3.Growth peculiarities of doped lithium dihydrogen phosphate single crystals from nonstoichiometric solution Автор:: Iurchenko, A. N.; Voronov, A. P.; Roshal, A. D.; с соавторами. FUNCTIONAL MATERIALS Том: 24 Выпуск: 2 Стр.: 226-236 Опубликовано: 2017</p> <p>4.Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures Автор:: Glibitskiy, Dmitriy M.; Gorobchenko, Olga A.; Nikolov, Oleg T.; с соавторами. RADIATION PHYSICS AND CHEMISTRY Том: 144 Стр.: 231-237 Опубликовано: MAR 2018</p> <p>5.Type tests of switches for the ITER coil power supply system Автор:: Manzuk, M.; Roshal, A.; Bestuzhev, K.; с соавторами. Конференция: 29th Symposium on Fusion Technology (SOFT) Местоположение: Prague, CZECH REPUBLIC публ.: SEP 05-09, 2016 FUSION ENGINEERING AND DESIGN Том: 124 Стр.: 35-39 Опубликовано: NOV 2017</p> <p>6.Energy dissipating resistors for the ITER switching network units Автор:: Enikeev, R.; Roshal, A.; Sapochnikov, K.; с соавторами. Конференция: 29th Symposium on Fusion Technology (SOFT) Местоположение: Prague, CZECH REPUBLIC публ.: SEP 05-09, 2016 FUSION ENGINEERING AND DESIGN Том: 124 Стр.: 137-140 Опубликовано: NOV 2017</p> <p>7.Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates Автор:: Mchedlov-Petrosyan, Nikolay O.; Cheipesh, Tatiana A.; Roshal, Alexander D.; с соавторами. METHODS AND APPLICATIONS IN FLUORESCENCE Том: 4 Выпуск: 3 Номер статьи: 034002 Опубликовано: SEP 2016</p> <p>8.Influence of structure 3,5,7,3 ',4 '-Pentahydroxyflavone-based polymer films on their optical transparency Автор:: Mishurov, Dmitry; Voronkin, Andrii; Roshal, Alexander; с соавторами. OPTICAL MATERIALS Том: 64 Стр.: 166-170 Опубликовано: FEB 2017</p> <p>9.Exploring double proton transfer: A review on photochemical features of compounds with two proton-transfer sites Автор:: Serdiuk, I. E.; Roshal, A. D. DYES AND PIGMENTS Том: 138 Стр.: 223-244 Опубликовано: MAR 2017</p> <p>10.Optical properties and component composition of layers of cyanine dyes on dielectric supports: influence of asymmetry of the molecular electron density distribution Автор:: Kaliteevskaya, Elena; Krutyakova, Valentina; Razumova, Tatiana; с соавторами. OPTICAL AND QUANTUM ELECTRONICS Том: 49 Выпуск: 1 Номер статьи: 32 Опубликовано: JAN 2017</p> <p>11.Origin of Spectral Features and Acid-Base Properties of 3,7-Dihydroxyflavone and Its Monofunctional Derivatives in the Ground and Excited States Автор:: Serdiuk, Illia E.; Roshal, Alexander D.; Blazejowski, Jerzy JOURNAL OF PHYSICAL CHEMISTRY A Том: 120 Выпуск: 25 Стр.:</p>
-----------------	------------------	---	---

		<p>85021076343&amp;doi=10.15407%2ffm24.02.226&amp;partnerID=40&amp;md5=53a6848b677ed4f52ca867bc9ff43034DOI: 10.15407/fm24.02.226</p> <p>9. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Roshal, A.D., Doroshenko, A.O., Vodolazkaya, N.A. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates(2016) <i>Methods and Applications in Fluorescence</i>, 4 (3), статья № 034002, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2f2050-6120%2f4%2f3%2f034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00DOI: 10.1088/2050-6120/4/3/034002">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2f2050-6120%2f4%2f3%2f034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00DOI: 10.1088/2050-6120/4/3/034002</a></p> <p>10. Mishurov, D., Voronkin, A., Roshal, A., Brovko, O. Relaxation behavior and nonlinear properties of thermally stable polymers based on glycidyl derivatives of quercetin(2016) <i>Optical Materials</i>, 57, pp. 179-184. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966269397&amp;doi=10.1016%2fj.optmat.2016.03.047&amp;partnerID=40&amp;md5=dd4562c3f5135602b8ded520f218c514DOI: 10.1016/j.optmat.2016.03.047">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966269397&amp;doi=10.1016%2fj.optmat.2016.03.047&amp;partnerID=40&amp;md5=dd4562c3f5135602b8ded520f218c514DOI: 10.1016/j.optmat.2016.03.047</a></p> <p>11. Serdiuk, I.E., Roshal, A.D., Błazejowski, J. Origin of Spectral Features and Acid-Base Properties of 3,7-Dihydroxyflavone and Its Monofunctional Derivatives in the Ground and Excited States(2016) <i>Journal of Physical Chemistry A</i>, 120 (25), pp. 4325-4337. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976902702&amp;doi=10.1021%2facsc.jpca.6b03290&amp;partnerID=40&amp;md5=d11afd414c613b528e769515b9c224a8DOI: 10.1021/acs.jpca.6b03290">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976902702&amp;doi=10.1021%2facsc.jpca.6b03290&amp;partnerID=40&amp;md5=d11afd414c613b528e769515b9c224a8DOI: 10.1021/acs.jpca.6b03290</a></p> <p>12. Zadykowicz, B., Wera, M., Sanin, E.V., Novikov, A.I., Roshal, A.D., Sikorski, A., Storoniak, P., Błazejowski, J. Global and local interactions in the structure of crystalline 7-(diethylamino)-2-(2-oxo-2H-chromen-3-yl)chromenium perchlorate(2016) <i>Structural Chemistry</i>, 27 (2), pp. 637-649. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961183495&amp;doi=10.1007%2fs11224-015-0596-6&amp;partnerID=40&amp;md5=082dadd00611a36fb9765dbb5e17a0fDOI: 10.1007/s11224-015-0596-6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961183495&amp;doi=10.1007%2fs11224-015-0596-6&amp;partnerID=40&amp;md5=082dadd00611a36fb9765dbb5e17a0fDOI: 10.1007/s11224-015-0596-6</a></p> <p>13. Mishurov, D.A., Voronkin, A.A., Roshal, A.D. Synthesis, molecular structure and optical properties of glycidyl derivatives of quercetin(2016) <i>Structural Chemistry</i>, 27 (1), pp. 285-294. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957608318&amp;doi=10.1007%2fs11224-015-0694-5&amp;partnerID=40&amp;md5=4ab85bd1c2b2737b37c136fe5b1b504eDOI: 10.1007/s11224-015-0694-5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957608318&amp;doi=10.1007%2fs11224-015-0694-5&amp;partnerID=40&amp;md5=4ab85bd1c2b2737b37c136fe5b1b504eDOI: 10.1007/s11224-015-0694-5</a></p> <p>14. Serdiuk, I.E., Reszka, M., Myszk, H., Krzyminiński, K., Liberek, B., Roshal, A.D. Flavonol-based fluorescent indicator for determination of <math>\beta</math>-glucosidase activity(2016) <i>RSC Advances</i>, 6 (48), pp. 42532-42536. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966309434&amp;doi=10.1039%2fc6ra06062e&amp;partnerID=40&amp;md5=9e8a6fa71c11f13b7801d407849d6d81DOI: 10.1039/c6ra06062e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966309434&amp;doi=10.1039%2fc6ra06062e&amp;partnerID=40&amp;md5=9e8a6fa71c11f13b7801d407849d6d81DOI: 10.1039/c6ra06062e</a></p> <p>15. Serdiuk, I.E., Roshal, A.D. 7-Hydroxyflavone Revisited. 2. Substitution Effect on Spectral and Acid-Base Properties in the Ground and Excited States(2015) <i>Journal of Physical Chemistry A</i>, 119 (51), pp. 12672-12685. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952909180&amp;doi=10.1021%2facsc.jpca.5b09185&amp;partnerID=40&amp;md5=1e42cf3a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952909180&amp;doi=10.1021%2facsc.jpca.5b09185&amp;partnerID=40&amp;md5=1e42cf3a</a></p>	<p>4325-4337 Опубликовано: JUN 30 2016</p> <p>12. Relaxation behavior and nonlinear properties of thermally stable polymers based on glycidyl derivatives of quercetin Автор: Mishurov, Dmitry; Voronkin, Andrii; Roshal, Alexander; с соавторами. <i>OPTICAL MATERIALS</i> Том: 57 Стр.: 179-184 Опубликовано: JUL 2016</p> <p>13. Flavonol-based fluorescent indicator for determination of beta-glucosidase activity Автор: Serdiuk, Illia E.; Reszka, Milena; Myszk, Henryk; с соавторами. <i>RSC ADVANCES</i> Том: 6 Выпуск: 48 Стр.: 42532-42536 Опубликовано: 2016</p> <p>14. Global and local interactions in the structure of crystalline 7-(diethylamino)-2-(2-oxo-2H-chromen-3-yl)chromenium perchlorate Автор: Zadykowicz, Beata; Wera, Michal; Sanin, Edward V.; с соавторами. <i>STRUCTURAL CHEMISTRY</i> Том: 27 Выпуск: 2 Стр.: 637-649 Опубликовано: APR 2016</p> <p>15. Synthesis, molecular structure and optical properties of glycidyl derivatives of quercetin Автор: Mishurov, Dmitry A.; Voronkin, Andrey A.; Roshal, Alexander D. <i>STRUCTURAL CHEMISTRY</i> Том: 27 Выпуск: 1 Специальный выпуск: SI Стр.: 285-294 Опубликовано: FEB 2016</p> <p>16. 7-Hydroxyflavone Revisited. 2. Substitution Effect on Spectral and Acid-Base Properties in the Ground and Excited States Автор: Serdiuk, Illia E.; Roshal, Alexander D. <i>JOURNAL OF PHYSICAL CHEMISTRY A</i> Том: 119 Выпуск: 51 Стр.: 12672-12685 Опубликовано: DEC 24 2015</p> <p>17. Single and double intramolecular proton transfers in the electronically excited state of flavone derivatives Автор: Serdiuk, I. E.; Roshal, A. D. <i>RSC ADVANCES</i> Том: 5 Выпуск: 124 Стр.: 102191-102203 Опубликовано: 2015</p> <p>18. Numerical study for optimization of the air cooling system for the Fast Discharge Resistors protecting the ITER magnets Автор: Tanchuk, Victor; Grigoriev, Sergey; Lokiev, Vladimir; с соавторами. Конференция: 28th Symposium on Fusion Technology (SOFT) Местооположение: San Sebastian, SPAIN публ.: SEP 29-OCT 03, 2014 <i>FUSION ENGINEERING AND DESIGN</i> Том: 98-99 Стр.: 1169-1175 Часть: B Опубликовано: OCT 2015</p> <p>19. Second-order Polarizability and Temporal Stability of Epoxy Polymers Doped With Chromophore and With Chromophore Moieties in the Main Chain Автор: Mishurov, Dmitry; Roshal, Alexander; Brovko, Aleksandr <i>POLYMERS &amp; POLYMER COMPOSITES</i> Том: 23 Выпуск: 3 Стр.: 129-136 Опубликовано: 2015</p> <p>20. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution Автор: Glibitskiy, Gennadiy; Glibitskiy, Dmitriy; Gorobchenko, Olga; с соавторами. <i>NANOSCALE RESEARCH LETTERS</i> Том: 10 Номер статьи: 155 Опубликовано: MAR 28 2015</p> <p>21. Influence of the rigidity of the steroid core in the structure of chiral dopants on the temperature dependence of cholesteric short pitch Автор: Shkolnikova, Nataliya; Yaremenko, Fedor; Sheshenko, Zhanna; с соавторами. <i>DISPLAYS</i> Том: 36 Стр.: 34-40 Опубликовано: JAN 2015</p> <p>22. Influence of thallium and salicylic acid impurities as well as of the solution stoichiometry on the growth kinetics of prismatic ADP crystal faces Автор: Voronov, A. P.; Babenko, G. N.; Puzikov, V. M.; с соавторами.</p>
--	--	--	--

			<p>0871e32a9ad1676129353d38DOI: 10.1021/acs.jpca.5b09185 16. Voronov, A.P., Babenko, G.N., Puzikov, V.M., Roshal, A.D., Iurchenko, A.N. Influence of thallium and salicylic acid impurities as well as of the solution stoichiometry on the growth kinetics of prismatic ADP crystal faces(2015) Journal of Crystal Growth, 415, pp. 100-105. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921828957&amp;doi=10.1016%2Fj.jcrysgro.2014.12.035&amp;partnerID=40&amp;md5=c8733fd7f1bf85f41cce8e32d7fc6333DOI: 10.1016/j.jcrysgro.2014.12.035">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921828957&amp;doi=10.1016%2Fj.jcrysgro.2014.12.035&amp;partnerID=40&amp;md5=c8733fd7f1bf85f41cce8e32d7fc6333DOI: 10.1016/j.jcrysgro.2014.12.035</a></p> <p>17. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., Nikolov, O., Roshal, A., Semenov, M., Gasan, A.Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution(2015) Nanoscale Research Letters, 10 (1), 10 p. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928254148&amp;doi=10.1186%2Fs11671-015-0860-0&amp;partnerID=40&amp;md5=27d9a6d54f94ab4f70ef48160cd6878eDOI: 10.1186/s11671-015-0860-0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928254148&amp;doi=10.1186%2Fs11671-015-0860-0&amp;partnerID=40&amp;md5=27d9a6d54f94ab4f70ef48160cd6878eDOI: 10.1186/s11671-015-0860-0</a></p> <p>18. Serdiuk, I.E., Roshal, A.D.Single and double intramolecular proton transfers in the electronically excited state of flavone derivatives(2015) RSC Advances, 5 (124), pp. 102191-102203. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948844924&amp;doi=10.1039%2Fc5ra13912k&amp;partnerID=40&amp;md5=8de039c2f86595bc735b32a327483664DOI: 10.1039/c5ra13912k">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948844924&amp;doi=10.1039%2Fc5ra13912k&amp;partnerID=40&amp;md5=8de039c2f86595bc735b32a327483664DOI: 10.1039/c5ra13912k</a></p> <p>19. Mishurov, D., Roshal, A., Brovko, O.Second-Order polarizability and temporal stability of epoxy polymers doped with chromophore and with chromophore moieties in the main chain(2015) Polymers and Polymer Composites, 23 (3), pp. 129-136. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957540710&amp;partnerID=40&amp;md5=3fcb7c6f33a1bea948eb1e55b6d7d15c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957540710&amp;partnerID=40&amp;md5=3fcb7c6f33a1bea948eb1e55b6d7d15c</a></p> <p>20. Shkolnikova, N., Yaremenko, F., Sheshenko, Z., Vakula, V., Kutulya, L., Pivnenko, N., Roshal, A.Influence of the rigidity of the steroid core in the structure of chiral dopants on the temperature dependence of cholesteric short pitch(2015) Displays, 36, pp. 34-40. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028149141&amp;doi=10.1016%2Fj.displa.2014.10.008&amp;partnerID=40&amp;md5=e9e9db213e99298a60649223b1e4859c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028149141&amp;doi=10.1016%2Fj.displa.2014.10.008&amp;partnerID=40&amp;md5=e9e9db213e99298a60649223b1e4859c</a> DOI: 10.1016/j.displa.2014.10.008</p> <p>21. Serdiuk, I.E., Varenikov, A.S., Roshal, A.D.7-hydroxyflavone revisited: Spectral, acid-base properties, and interplay of the protolytic forms in the ground and excited states(2014) Journal of Physical Chemistry A, 118 (17), pp. 3068-3080. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899783963&amp;doi=10.1021%2Fjp412334x&amp;partnerID=40&amp;md5=c30c5ef4a9156d9c1bb34a8095f1c382DOI: 10.1021/jp412334x">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899783963&amp;doi=10.1021%2Fjp412334x&amp;partnerID=40&amp;md5=c30c5ef4a9156d9c1bb34a8095f1c382DOI: 10.1021/jp412334x</a></p> <p>22. Serdiuk, I.E., Roshal, A.D., Błazejowski, J.Quantum-chemical analysis of the Algar-Flynn-Oyamada reaction mechanism(2014) Chemistry of Heterocyclic Compounds, 50 (3), pp. 396-403. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904359526&amp;doi=10.1007%2Fs10593-014-1487-2&amp;partnerID=40&amp;md5=71892204fdeed0230ac4b9048c1eaf7bDOI: 10.1007/s10593-014-1487-2">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904359526&amp;doi=10.1007%2Fs10593-014-1487-2&amp;partnerID=40&amp;md5=71892204fdeed0230ac4b9048c1eaf7bDOI: 10.1007/s10593-014-1487-2</a></p>	<p>JOURNAL OF CRYSTAL GROWTH Том: 415 Стр.: 100-105 Опубликовано: APR 1 2015</p> <p>23.DC Busbars for the ITER Power Supply System: Features and Challenges Автор:: Milani, F.; Chiron, J.; Roshal, A.; с соавторами. Конференция: 26th IEEE Symposium on Fusion Engineering (SOFE) collocated with the 20th IEEE Pulsed Power Conference (PPC) Местоположение: Austin, TX публ.: MAY 31-JUN 04, 2015 2015 IEEE 26TH SYMPOSIUM ON FUSION ENGINEERING (SOFE) Опубликовано: 2015</p> <p>24.Photochromic and Thermochemical Spirans 41*. Quantum-Chemical Study of the Geometry and Electronic Structure of 1,3,3-Trimethyl-1',2'-Diphenylspiro[Indoline-2,7'-Furo[3,2-f]Chromene] in the Ground and Excited States Автор:: Chepeleva, L. V.; Roshal, A. D.; Lukyanov, B. S.; с соавторами. CHEMISTRY OF HETEROCYCLIC COMPOUNDS Том: 50 Выпуск: 3 Стр.: 364-370 Опубликовано: JUN 2014</p> <p>25.Quantum-Chemical Investigation of the Structure and Spectral Characteristics of 2-(3-Coumaroyl)Benzopyrylium Cations Автор:: Sanin, E. V.; Novikov, A. I.; Roshal, A. D. CHEMISTRY OF HETEROCYCLIC COMPOUNDS Том: 50 Выпуск: 3 Стр.: 371-378 Опубликовано: JUN 2014</p> <p>26.Quantum-Chemical Analysis of the Algar-Flynn-Oyamada Reaction Mechanism Автор:: Serdiuk, I. E.; Roshal, A. D.; Błazejowski, J. CHEMISTRY OF HETEROCYCLIC COMPOUNDS Том: 50 Выпуск: 3 Стр.: 396-403 Опубликовано: JUN 2014</p> <p>27.7-Hydroxyflavone Revisited: Spectral, Acid-Base Properties, and Interplay of the Protolytic Forms in the Ground and Excited States Автор:: Serdiuk, Illia E.; Varenikov, Andrii S.; Roshal, Alexander D. JOURNAL OF PHYSICAL CHEMISTRY A Том: 118 Выпуск: 17 Стр.: 3068-3080 Опубликовано: MAY 1 2014</p> <p>28.Structure, tautomerism, and features of 1-(5-acetyl-2,4-dihydroxyphenyl)-3-(furan-2-yl)prop-2-en-1-one (FC) and 1,1'-(4,6-dihydroxybenzene-1,3-diyl)bis[3-(furan-2-yl)prop-2-en-1-one] (FDC) Автор:: Wera, Michal; Chalyi, Andriy G.; Roshal, Alexander D.; с соавторами. STRUCTURAL CHEMISTRY Том: 25 Выпуск: 3 Стр.: 969-977 Опубликовано: JUN 2014</p> <p>29.Tautomerism and Behavior of 3-Hydroxy-2-phenyl-4H-chromen-4-ones (Flavonols) and 3,7-Dihydroxy-2,8-diphenyl-4H,6H-pyrano[3,2-g]chromene-4,6-diones (Diflavonols) in Basic Media: Spectroscopic and Computational Investigations Автор:: Moroz, Valery V.; Chalyi, Andriy G.; Serdiuk, Illia E.; с соавторами. JOURNAL OF PHYSICAL CHEMISTRY A Том: 117 Выпуск: 38 Стр.: 9156-9167 Опубликовано: SEP 26 2013</p> <p>30.The 70 kA pyrobreaker for ITER magnet back-up protection Автор:: Manzuk, M.; Avanesov, S.; Roshal, A.; с соавторами. Конференция: 27th Symposium on Fusion Technology (SOFT) Местоположение: Liege, BELGIUM публ.: SEP 24-28, 2012 FUSION ENGINEERING AND DESIGN Том: 88 Выпуск: 9-10 Стр.: 1537-1540 Опубликовано: OCT 2013</p> <p>31.2-(4-Fluorophenyl)-2H-chromen-4-(3H)one Автор:: Wera, Michal; Chalyi, Andriy G.; Roshal, Alexander D.; с соавторами. АКТА CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE Том: 68 Стр.: O253-U1413 Часть: 2 Опубликовано: FEB 2012</p>
--	--	--	--	--



			<p>23. Sanin, E.V., Novikov, A.I., Roshal, A.D. Quantum-chemical investigation of the structure and spectral characteristics of 2-(3-Coumaroyl)benzopyrylium cations (2014) <i>Chemistry of Heterocyclic Compounds</i>, 50 (3), pp. 371-378. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904304548&amp;doi=10.1007%2fs10593-014-1485-4&amp;partnerID=40&amp;md5=5b28b778735fe0b56c47eb52c5e0975f">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904304548&amp;doi=10.1007%2fs10593-014-1485-4&amp;partnerID=40&amp;md5=5b28b778735fe0b56c47eb52c5e0975f</a> DOI: 10.1007/s10593-014-1485-4</p> <p>24. Wera, M., Chalyi, A.G., Roshal, A.D., Zadykiewicz, B., Błazejowski, J. Structure, tautomerism, and features of 1-(5-acetyl-2,4-dihydroxyphenyl)-3-(furan-2-yl)prop-2-en-1-one (FC) and 1,1'-(4,6-dihydroxybenzene-1,3-diyl) bis[3-(furan-2-yl)prop-2-en-1-one] (FDC) (2014) <i>Structural Chemistry</i>, 25 (3), pp. 969-977. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900507877&amp;doi=10.1007%2fs11224-013-0378-y&amp;partnerID=40&amp;md5=320b8ff2145111ae2bd5bd47af936968">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900507877&amp;doi=10.1007%2fs11224-013-0378-y&amp;partnerID=40&amp;md5=320b8ff2145111ae2bd5bd47af936968</a> DOI: 10.1007/s11224-013-0378-y</p> <p>25. Chepeleva, L.V., Roshal, A.D., Lukyanov, B.S., Doroshenko, A.O., Tyurin, R.V., Lukyanova, M.B. Photochromic and thermochromic spirans 41*. Quantum-chemical study of the Geometry and electronic structure of 1,3,3-Trimethyl-1',2'-Diphenylspiro[Indoline-2,7'-Furo[3,2-f]Chromene] in the ground and excited states (2014) <i>Chemistry of Heterocyclic Compounds</i>, 50 (3), pp. 364-370. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904308313&amp;doi=10.1007%2fs10593-014-1483-6&amp;partnerID=40&amp;md5=c3bcfd2118d16c2f50b99dde18fe911d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904308313&amp;doi=10.1007%2fs10593-014-1483-6&amp;partnerID=40&amp;md5=c3bcfd2118d16c2f50b99dde18fe911d</a> DOI: 10.1007/s10593-014-1483-6</p> <p>26. Moroz, V.V., Chalyi, A.G., Serdiuk, I.E., Roshal, A.D., Zadykiewicz, B., Pivovarenko, V.G., Wróblewska, A., Błazejowski, J. Tautomerism and behavior of 3-hydroxy-2-phenyl-4H-chromen-4-ones (flavonols) and 3,7-dihydroxy-2,8-diphenyl-4H,6H-pyrano[3,2-g]chromene-4,6-diones (Diflavonols) in basic media: Spectroscopic and computational investigations (2013) <i>Journal of Physical Chemistry A</i>, 117 (38), pp. 9156-9167. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884949614&amp;doi=10.1021%2fjp403487w&amp;partnerID=40&amp;md5=8e0765d860deb337148edf2909a27c78">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884949614&amp;doi=10.1021%2fjp403487w&amp;partnerID=40&amp;md5=8e0765d860deb337148edf2909a27c78</a> DOI: 10.1021/jp403487w</p> <p>27. Serdiuk, I.E., Wera, M., Roshal, A.D., Błazejowski, J. 2-(4-Hydroxyphenyl)-3-methoxy-4H-chromen-4-one (2013) <i>Acta Crystallographica Section E: Structure Reports Online</i>, 69 (6), pp. o895. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878701260&amp;doi=10.1107%2fS1600536813010982&amp;partnerID=40&amp;md5=8f91a8f070270a35de14e5265e11a844">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878701260&amp;doi=10.1107%2fS1600536813010982&amp;partnerID=40&amp;md5=8f91a8f070270a35de14e5265e11a844</a> DOI: 10.1107/S1600536813010982</p> <p>28. Sanin, E.V., Novikov, A.I., Roshal, A.D. Investigations of solvatochromism of 2-(3-coumaroyl)-benzopyrylium dye and its di-substituted derivatives (2013) <i>Functional Materials</i>, 20 (3), pp. 366-372. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885082483&amp;doi=10.15407%2ffm20.03.366&amp;partnerID=40&amp;md5=ef62e1b7dc257b64e2744dac5c65dc4d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885082483&amp;doi=10.15407%2ffm20.03.366&amp;partnerID=40&amp;md5=ef62e1b7dc257b64e2744dac5c65dc4d</a> DOI: 10.15407/fm20.03.366</p> <p>29. Shepelenko, O.S., Sakhnenko, M.D., Shtamburh, V.H., Roshal', O.D. Formation of nanoscale protective coatings on iron alloys from podand-containing solutions (2012) <i>Materials Science</i>, 48 (2), pp. 203-207.</p>	
--	--	--	--	--

				<p><a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874658526&amp;doi=10.1007%2fs11003-012-9492-z&amp;partnerID=40&amp;md5=8ef145d2297dd6fde62b979c6ec520fbDOI:10.1007/s11003-012-9492-z">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874658526&amp;doi=10.1007%2fs11003-012-9492-z&amp;partnerID=40&amp;md5=8ef145d2297dd6fde62b979c6ec520fbDOI:10.1007/s11003-012-9492-z</a></p> <p>30. Wera, M., Chalyi, A.G., Roshal, A.D., Błazejowski, J.2-(4-Fluorophenyl)-2H-chromen-4(3H)-one(2012) Acta Crystallographica Section E: Structure Reports Online, 68 (2), pp. o253-o254. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856953214&amp;doi=10.1107%2fS160053681105464X&amp;partnerID=40&amp;md5=8313e8bfbeb70ae9fcd13b139c137bb6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856953214&amp;doi=10.1107%2fS160053681105464X&amp;partnerID=40&amp;md5=8313e8bfbeb70ae9fcd13b139c137bb6</a> DOI: 10.1107/S160053681105464X</p> <p>31. Glibitskiy, G.M., Jelali, V.V., Semenov, M.O., Roshal, A.D., Glibitskiy, D.M., Volyanskiy, O.Y., Zegrya, G.G.Interaction of DNA with silver nanoparticles(2012) Ukrainian Journal of Physics, 57 (7), pp. 695-699. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864805549&amp;partnerID=40&amp;md5=6ae588718a944c9ffe37673ad2c1491d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864805549&amp;partnerID=40&amp;md5=6ae588718a944c9ffe37673ad2c1491d</a></p>		
Хімічний	Органічної хімії	Колос Надія Миколаївна	9	<p>1. Chechina, N.V., Kolos, N.N., Omelchenko, I.V., Musatov, V.I.Synthesis of functionalized triazolo[1,5-a]pyrimidine derivatives(2018) Chemistry of Heterocyclic Compounds, 54 (1), pp. 58-62. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042211560&amp;doi=10.1007%2fs10593-018-2230-1&amp;partnerID=40&amp;md5=44b72f30b78f2ff978cc4b71857304fDOI:10.1007/s10593-018-2230-1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042211560&amp;doi=10.1007%2fs10593-018-2230-1&amp;partnerID=40&amp;md5=44b72f30b78f2ff978cc4b71857304fDOI:10.1007/s10593-018-2230-1</a></p> <p>2. Beryozkina, T.V., Kolos, N.N., Bakulev, V.A.Multicomponent and domino reactions of 3-arylacrylic acids in the synthesis of heterocycles(2016) Chemistry of Heterocyclic Compounds, 52 (9), pp. 651-657. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994410754&amp;doi=10.1007%2fs10593-016-1945-0&amp;partnerID=40&amp;md5=1a065057cb14cbafa8c2da767f476f9cDOI:10.1007/s10593-016-1945-0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994410754&amp;doi=10.1007%2fs10593-016-1945-0&amp;partnerID=40&amp;md5=1a065057cb14cbafa8c2da767f476f9cDOI:10.1007/s10593-016-1945-0</a></p> <p>3. Kolos, N.N., Zubar, V.V., Omelchenko, I.V., Musatov, V.I.Three-component synthesis of tetrasubstituted pyrroles by condensation with amines and arylglyoxals(2016) Chemistry of Heterocyclic Compounds, 52 (4), pp. 237-243. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969962175&amp;doi=10.1007%2fs10593-016-1869-8&amp;partnerID=40&amp;md5=f3022e99434dddf51c789f8cfad7b68">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969962175&amp;doi=10.1007%2fs10593-016-1869-8&amp;partnerID=40&amp;md5=f3022e99434dddf51c789f8cfad7b68</a> DOI: 10.1007/s10593-016-1869-8</p> <p>4. Chechina, N.V., Zubar, V.V., Omelchenko, I.V., Kolos, N.N.One-pot synthesis of new derivatives of 3,4-dihydropyrimidinone, and substituted imidazolin-2-ones(2015) Arkivoc, 2015 (7), pp. 293-304. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949797247&amp;doi=10.3998%2fark.5550190.p009.324&amp;partnerID=40&amp;md5=b9aec5d07bdf5338fe53ee73f9389b41DOI:10.3998/ark.5550190.p009.324">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949797247&amp;doi=10.3998%2fark.5550190.p009.324&amp;partnerID=40&amp;md5=b9aec5d07bdf5338fe53ee73f9389b41DOI:10.3998/ark.5550190.p009.324</a></p> <p>5. Chechina, N.V., Kravchuk, O.F., Omelchenko, I.V., Shishkin, O.V., Kolos, N.N.The synthesis of novel hexahydrodibenzo[b,e][1,4]diazepin-1-one derivatives(2015) Arkivoc, 2015 (7), pp. 77-91. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949962782&amp;doi=10.3998%2fark.5550190.p009.195&amp;partnerID=40&amp;md5=cb857093e0bfcad564d24d81a9b9df5cDOI:10.3998/ark.5550190.p009.195">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949962782&amp;doi=10.3998%2fark.5550190.p009.195&amp;partnerID=40&amp;md5=cb857093e0bfcad564d24d81a9b9df5cDOI:10.3998/ark.5550190.p009.195</a></p>	9	<p>1. Chechina, NV; Kolos, NN; Omelchenko, IV; Musatov, VI" Synthesis of functionalized triazolo[1,5-a]pyrimidine derivatives. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2018, 54, 58, 10.1007/s10593-018-2230-1.</p> <p>2. Beryozkina, TV; Kolos, NN; Bakulev, VA. Multicomponent and domino reactions of 3-arylacrylic acids in the synthesis of heterocycles. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2016, 52, 651, 10.1007/s10593-016-1945-0.</p> <p>3. Kolos, NN; Zubar, VV; Omelchenko, IV; Musatov, VI. Three-component synthesis of tetrasubstituted pyrroles by condensation with amines and arylglyoxals. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2016, 52, 237, 10.1007/s10593-016-1869-8.</p> <p>4. Kolos, NN; Kibkalo, BV; Zamigaylo, LL; Omel'chenko, IV; Shishkin, OV. One-pot synthesis of imidazo[1,2-b]pyrazole derivatives. RUSSIAN CHEMICAL BULLETIN, 2015, 64, 864, 10.1007/s11172-015-0946-y.</p> <p>5. Chechina, NV; Kravchuk, OF; Omelchenko, IV; Shishkin, OV; Kolos, NN. The synthesis of novel hexahydrodibenzo[b,e][1,4]diazepin-1-one derivatives. ARKIVOC, 2015, 77, 10.3998/ark.5550190.p009.195.</p> <p>6. Chechina, NV; Zubar, VV; Omelchenko, IV; Kolos, NN. One-pot synthesis of new derivatives of 3,4-dihydropyrimidinone, and substituted imidazolin-2-ones. ARKIVOC, 2015, 293, 10.3998/ark.5550190.p009.324.</p> <p>7. Kolos, NN; Chechina, NV; Zamigailo, LL; Vashchenko, EV. Simple and efficient synthesis of trisubstituted imidazoles. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2013, 49, 872, 10.1007/s10593-013-1321-2.</p> <p>8. Tolstoluzhsky, N; Nikolaienko, P; Gorobets, N; Van der Eycken, EV; Kolos, N. Efficient Synthesis of Uracil-Derived Hexa- and Tetrahydropyrido[2,3-d]pyrimidines. EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, 2013, 2013, 5364, 10.1002/ejoc.201300683.</p> <p>9. Kolos, NN; Zamigailo, LL; Chechina, NV; Omel'chenko, IV; Shishkin, OV; Vashchenko, EV. Three-component condensation of 1,3-dimethyl-barbituric acid, arylglyoxals, and substituted thioureas. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2013, 48, 1817, 10.1007/s10593-013-1214-4.</p>

				<p>6. Kolos, N.N., Kibkalo, B.V., Zamigaylo, L.L., Omelchenko, I.V., Shishkin, O.V. One-pot synthesis of imidazo[1,2-b]pyrazole derivatives (2015) Russian Chemical Bulletin, 64 (4), pp. 864-871.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950145118&amp;doi=10.1007%2fs11172-015-0946-y&amp;partnerID=40&amp;md5=f45e117a24d2c47bc512aeec516cb74c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950145118&amp;doi=10.1007%2fs11172-015-0946-y&amp;partnerID=40&amp;md5=f45e117a24d2c47bc512aeec516cb74c</a> DOI: 10.1007/s11172-015-0946-y</p> <p>7. Kolos, N.N., Chechina, N.V., Zamigailo, L.L., Vashchenko, E.V. Simple and efficient synthesis of trisubstituted imidazoles (2013) Chemistry of Heterocyclic Compounds, 49 (6), pp. 872-881.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884770808&amp;doi=10.1007%2fs10593-013-1321-2&amp;partnerID=40&amp;md5=c22100b5315d224473b2823b6b7c96ea">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884770808&amp;doi=10.1007%2fs10593-013-1321-2&amp;partnerID=40&amp;md5=c22100b5315d224473b2823b6b7c96ea</a> DOI: 10.1007/s10593-013-1321-2</p> <p>8. Tolstoluzhsky, N., Nikolaienko, P., Gorobets, N., Van Der Eycken, E.V., Kolos, N. Efficient synthesis of uracil-derived hexa- and tetrahydropyrido[2,3-d]pyrimidines (2013) European Journal of Organic Chemistry, (24), pp. 5364-5369.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881664711&amp;doi=10.1002%2fejoc.201300683&amp;partnerID=40&amp;md5=cc73cf7a5efadf972e0deb8abf85d336">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881664711&amp;doi=10.1002%2fejoc.201300683&amp;partnerID=40&amp;md5=cc73cf7a5efadf972e0deb8abf85d336</a> DOI: 10.1002/ejoc.201300683</p> <p>9. Kolos, N.N., Zamigailo, L.L., Chechina, N.V., Omel'Chenko, I.V., Shishkin, O.V., Vashchenko, E.V. Three-component condensation of 1,3-dimethyl-barbituric acid, arylglyoxals, and substituted thioureas (2013) Chemistry of Heterocyclic Compounds, 48 (12), pp. 1817-1823.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879498243&amp;doi=10.1007%2fs10593-013-1214-4&amp;partnerID=40&amp;md5=6de887a0a64ac9c7d44cf4d14ff95a72">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879498243&amp;doi=10.1007%2fs10593-013-1214-4&amp;partnerID=40&amp;md5=6de887a0a64ac9c7d44cf4d14ff95a72</a> DOI: 10.1007/s10593-013-1214-4</p>		
Хімічний	Хімічного матеріалознавства	Коробов Олександр Ісаакович	6	<p>1. Korobov, A. Planar discrete birth-growth Poisson-Voronoi tessellations with the von Neumann neighbourhood (2017) Journal of Statistical Mechanics: Theory and Experiment, 2017 (2), стаття № 023404, .  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016010993&amp;doi=10.1088%2f1742-5468%2faa5a29&amp;partnerID=40&amp;md5=0fbac2871aaad0e5ab46487ae1bf8211">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016010993&amp;doi=10.1088%2f1742-5468%2faa5a29&amp;partnerID=40&amp;md5=0fbac2871aaad0e5ab46487ae1bf8211</a> DOI: 10.1088/1742-5468/aa5a29</p> <p>2. Korobov, A. Reversible Reshaping of Supported Metal Nanoislands Under Reaction Conditions in a Minimalistic Lattice Model (2016) Journal of Statistical Physics, 163 (3), pp. 576-592. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961207222&amp;doi=10.1007%2fs10955-016-1494-z&amp;partnerID=40&amp;md5=b7df91d4cfc0ff96f67415dea09d8049">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961207222&amp;doi=10.1007%2fs10955-016-1494-z&amp;partnerID=40&amp;md5=b7df91d4cfc0ff96f67415dea09d8049</a> DOI: 10.1007/s10955-016-1494-z</p> <p>3. Tkachenko, O., Panteleimonov, A., Padalko, I., Korobov, A., Gushikem, Y., Kholin, Y. Silica functionalized with 1-propyl-3-methylimidazolium chloride as an efficient adsorbent for the removal of Eosin Yellow and Reactive Blue 4 (2014) Chemical Engineering Journal, 254, pp. 324-332.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904623561&amp;doi=10.1016%2fj.cej.2014.05.117&amp;partnerID=40&amp;md5=74f44657ee22766b527e55c684636940">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904623561&amp;doi=10.1016%2fj.cej.2014.05.117&amp;partnerID=40&amp;md5=74f44657ee22766b527e55c684636940</a> DOI: 10.1016/j.cej.2014.05.117</p>	7	<p>1. Korobov, A. Planar discrete birth-growth Poisson-Voronoi tessellations with the von Neumann neighbourhood. JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT, 2017, 10.1088/1742-5468/aa5a29.</p> <p>2. Kokodii, MG; Korobov, AM; Timaniyk, VA; Titova, NV; Burlibay, A; Omiotek, Z; Szatkowska, M; Luganskaya, S. On the possibility of the patient's skin overheating during low-intensive phototherapy. PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017, 2017, 10445, 10.1117/12.2280961.</p> <p>3. Yushkova, M; Korobov, A; Korobov, V; Shevchenko, O. «Stationary Phototherapeutic Device of A. Korobov – V. Korobov ""Barva-SDS"" for Diabetic Foot Syndrome Prophylaxis and Treatment. Case study" 2017. IEEE INTERNATIONAL YOUNG SCIENTISTS FORUM ON APPLIED PHYSICS AND ENGINEERING (YSF), 2017, 147.</p> <p>4. Korobov, A. Reversible Reshaping of Supported Metal Nanoislands Under Reaction Conditions in a Minimalistic Lattice Model. JOURNAL OF STATISTICAL PHYSICS, 2016, 163, 576, 10.1007/s10955-016-1494-z.</p> <p>5. Tkachenko, O; Panteleimonov, A; Padalko, I; Korobov, A; Gushikem, Y; Kholin, Y. Silica functionalized with 1-propyl-3-methylimidazolium chloride as</p>

				<p>4. Korobov, A. Scaling properties of planar discrete Poisson-Voronoi tessellations with von Neumann neighborhoods constructed according to the nucleation and growth mechanism (2014) <i>Physical Review E - Statistical, Nonlinear, and Soft Matter Physics</i>, 89 (3), статья № 032405, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898987361&amp;doi=10.1103%2fPhysRevE.89.032405&amp;partnerID=40&amp;md5=de9da574485e48ab97a158b994340a98">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898987361&amp;doi=10.1103%2fPhysRevE.89.032405&amp;partnerID=40&amp;md5=de9da574485e48ab97a158b994340a98</a> DOI: 10.1103/PhysRevE.89.032405</p> <p>5. Korobov, A. Erratum: Scaling properties of the area distribution functions and kinetic curves of dense plane discrete Poisson-Voronoi tessellations (<i>Physical Review E</i> (2013) 87 (014401) DOI:10.1103/PhysRevE.87.014401)(2013) <i>Physical Review E - Statistical, Nonlinear, and Soft Matter Physics</i>, 87 (2), статья № 029901, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873638765&amp;doi=10.1103%2fPhysRevE.87.029901&amp;partnerID=40&amp;md5=b6821ea4cec8a7d5e340fcc559dae332">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873638765&amp;doi=10.1103%2fPhysRevE.87.029901&amp;partnerID=40&amp;md5=b6821ea4cec8a7d5e340fcc559dae332</a> DOI: 10.1103/PhysRevE.87.029901</p> <p>6. Korobov, A. Scaling properties of the area distribution functions and kinetic curves of dense plane discrete Poisson-Voronoi tessellations (2013) <i>Physical Review E - Statistical, Nonlinear, and Soft Matter Physics</i>, 87 (1), статья № 014401, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872515873&amp;doi=10.1103%2fPhysRevE.87.014401&amp;partnerID=40&amp;md5=37a8e3b564229a0a3674ed87ddfa779">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872515873&amp;doi=10.1103%2fPhysRevE.87.014401&amp;partnerID=40&amp;md5=37a8e3b564229a0a3674ed87ddfa779</a> DOI: 10.1103/PhysRevE.87.014401</p>		<p>an efficient adsorbent for the removal of Eosin Yellow and Reactive Blue 4. <i>CHEMICAL ENGINEERING JOURNAL</i>, 2014, 254, 324, 10.1016/j.cej.2014.05.117.</p> <p>6. Korobov, A. Scaling properties of planar discrete Poisson-Voronoi tessellations with von Neumann neighborhoods constructed according to the nucleation and growth mechanism. <i>PHYSICAL REVIEW E</i>, 2014, 89, 10.1103/PhysRevE.89.032405.</p> <p>7. Korobov, A. Scaling properties of the area distribution functions and kinetic curves of dense plane discrete Poisson-Voronoi tessellations. <i>PHYSICAL REVIEW E</i>, 2013, 87, 10.1103/PhysRevE.87.014401.</p>
Хімічний	Прикладної хімії	Кравченко Андрій Васильович	12	<p>1. Čizmár, E., Šoltésová, D., Kazheva, O.N., Alexandrov, G.G., Kravchenko, A.V., Chekulaeva, L.A., Kosenko, I.D., Sivaev, I.B., Bregadze, V.I., Fedorchenko, A.V., Starodub, V.A., Buravov, L.I., Dyachenko, O.A., Feher, A. Large magnetic anisotropy of chromium(III) ions in a bis(ethylenedithio)tetrathiafulvalenium salt of chromium bis(dicarbollide), (ET) 2 [3,3'-Cr(1,2-C 2 B 9 H 11 ) 2 ] (2018) <i>Transition Metal Chemistry</i>, 43 (7), pp. 647-655. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048783188&amp;doi=10.1007%2fs11243-018-0253-1&amp;partnerID=40&amp;md5=740ca37889e60b7b8405a27ce72581e1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048783188&amp;doi=10.1007%2fs11243-018-0253-1&amp;partnerID=40&amp;md5=740ca37889e60b7b8405a27ce72581e1</a> DOI: 10.1007/s11243-018-0253-1</p> <p>2. Kazheva, O.N., Chudak, D.M., Shilov, G.V., Komissarova, E.A., Kosenko, I.D., Kravchenko, A.V., Shilova, I.A., Shklyayeva, E.V., Abashev, G.G., Sivaev, I.B., Starodub, V.A., Buravov, L.I., Bregadze, V.I., Dyachenko, O.A. First molecular conductors of BPDT-TTF with metallacarborane anions: (BPDT-TTF)[3,3'-Cr(1,2-C2B9H11)2] and (BPDT-TTF)[3,3'-Co(1,2-C2B9H11)2] – Synthesis, structure, properties (2018) <i>Journal of Organometallic Chemistry</i>, 867, pp. 375-380. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044359494&amp;doi=10.1016%2fj.jorganchem.2018.01.050&amp;partnerID=40&amp;md5=f4b14f8f3e0921a91b3508ec6d4009cc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044359494&amp;doi=10.1016%2fj.jorganchem.2018.01.050&amp;partnerID=40&amp;md5=f4b14f8f3e0921a91b3508ec6d4009cc</a> DOI: 10.1016/j.jorganchem.2018.01.050</p> <p>3. Barszcz, B., Bednarski, W., Starodub, V.A., Golichenko, A.A., Kravchenko, A.V., Shtemenko, A.V. Resonant Raman scattering and ESR study of ET salts with rhenium-containing anions (2018) <i>Journal of Raman Spectroscopy</i>, 49 (2), pp. 238-244. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035244811&amp;doi=10.1002%2fjrs.5271&amp;partnerID=40&amp;md5=f8e8dafc1bbba3005f686d4e1e012e85DOI: 10.1002/jrs.5271">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035244811&amp;doi=10.1002%2fjrs.5271&amp;partnerID=40&amp;md5=f8e8dafc1bbba3005f686d4e1e012e85DOI: 10.1002/jrs.5271</a></p> <p>4. Kazheva, O.N., Kravchenko, A.V., Kosenko, I.D., Alexandrov, G.G., Chudak, D.M., Starodub, V.A., Lobanova, I.A., Bregadze, V.I., Buravov, L.I., Protasova, S.G., Dyachenko, O.A. First hybrid radical-cation salts with halogen</p>	13	<p>1. Cizmar, E; Soltseva, D; Kazheva, ON; Alexandrov, GG; Kravchenko, AV; Chekulaeva, LA; Kosenko, ID; Sivaev, IB; Bregadze, VI; Fedorchenko, AV; Starodub, VA; Buravov, LI; Dyachenko, OA; Feher, A. Large magnetic anisotropy of chromium(III) ions in a bis(ethylenedithio)tetrathiafulvalenium salt of chromium bis(dicarbollide), (ET)(2)[3,3'-Cr(1,2-C2B9H11)(2)]. <i>TRANSITION METAL CHEMISTRY</i>, 2018, 43, 647, 10.1007/s11243-018-0253-1.</p> <p>2. Kazheva, ON; Chudak, DM; Shilov, GV; Komissarova, EA; Kosenko, ID; Kravchenko, AV; Shilova, IA; Shklyayeva, EV; Abashev, GG; Sivaev, IB; Starodub, VA; Buravov, LI; Bregadze, VI; Dyachenko, OA/ First molecular conductors of BPDT-TTF with metallacarborane anions: (BPDT-TTF)[3,3'-Cr(1,2-C2B9H11)(2)] and (BPDT-TTF)[3,3'-Co(1,2-C2B9H11)(2)] - Synthesis, structure, properties. <i>JOURNAL OF ORGANOMETALLIC CHEMISTRY</i>, 2018, 867, 375, 10.1016/j.jorganchem.2018.01.050.</p> <p>3. Barszcz, B; Bednarski, W; Starodub, VA; Golichenko, AA; Kravchenko, AV; Shtemenko, AV. Resonant Raman scattering and ESR study of ET salts with rhenium-containing anions. <i>JOURNAL OF RAMAN SPECTROSCOPY</i>, 2018, 49, 238, 10.1002/jrs.5271.</p> <p>4. Kazheva, ON; Kravchenko, AV; Kosenko, ID; Alexandrov, GG; Chudak, DM; Starodub, VA; Lobanova, IA; Bregadze, VI; Buravov, LI; Protasova, SG; Dyachenko, OA. First hybrid radical-cation salts with halogen substituted iron bis(dicarbollide) anions - synthesis, structure, properties. <i>JOURNAL OF ORGANOMETALLIC CHEMISTRY</i>, 2017, 849-850, 261, 10.1016/j.jorganchem.2017.03.010.</p> <p>5. Kazheva, ON; Kravchenko, AV; Aleksandrov, GG; Kosenko, ID; Lobanova, IA; Bregadze, VI; Chudak, DM; Buravov, LI; Protasova, SG; Starodub, VA; Dyachenko, OA. Synthesis, structure, and properties of a new bifunctional radical cation salt with ferracarborane anion: (BEDT-TTF)(2)[8,8A'-Cl-2-3,3A'-Fe(1,2-C2B9H10)(2)] . <i>RUSSIAN CHEMICAL BULLETIN</i>, 2016,</p>

			<p>substituted iron bis(dicarbollide) anions – synthesis, structure, properties(2017) Journal of Organometallic Chemistry, 849-850, pp. 261-267. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014742457&amp;doi=10.1016%2Fj.jorganchem.2017.03.010&amp;partnerID=40&amp;md5=5b1259f7ea9708bbabd5a16ce23b2e64DOI: 10.1016/j.jorganchem.2017.03.010">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014742457&amp;doi=10.1016%2Fj.jorganchem.2017.03.010&amp;partnerID=40&amp;md5=5b1259f7ea9708bbabd5a16ce23b2e64DOI: 10.1016/j.jorganchem.2017.03.010</a></p> <p>5. Kazheva, O.N., Kravchenko, A.V., Aleksandrov, G.G., Kosenko, I.D., Lobanova, I.A., Bregadze, V.I., Chudak, D.M., Buravov, L.I., Protasova, S.G., Starodub, V.A., Dyachenko, O.A.Synthesis, structure, and properties of a new bifunctional radical cation salt with ferracarborane anion: (BEDT-TTF) 2 [8,8-Cl 2 -3,3-Fe(1,2-C 2 B 9 H 10 ) 2 ](2016) Russian Chemical Bulletin, 65 (9), pp. 2195-2201. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019032175&amp;doi=10.1007%2Fs11172-016-1567-9&amp;partnerID=40&amp;md5=b07386a39fffc197dd43884833551023DOI: 10.1007/s11172-016-1567-9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019032175&amp;doi=10.1007%2Fs11172-016-1567-9&amp;partnerID=40&amp;md5=b07386a39fffc197dd43884833551023DOI: 10.1007/s11172-016-1567-9</a></p> <p>6. Golichenko, A.A., Kravchenko, A.V., Omelchenko, I.V., Chudak, D.M., Starodub, V.A., Barszcz, B., Shtemenko, A.V.Crystal structure of bis(ethylenedithio)tetrathiafulvalenium <math>\mu</math>2-acetato-bis[tribromidorhenate(III)] 1,1,2-trichloroethane hemisolvate(2016) Acta Crystallographica Section E: Crystallographic Communications, 72, pp. 712-715. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969508924&amp;doi=10.1107%2Fs2056989016006058&amp;partnerID=40&amp;md5=8b9677a51d740561aea065d71ad6d1b2DOI: 10.1107/S2056989016006058">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969508924&amp;doi=10.1107%2Fs2056989016006058&amp;partnerID=40&amp;md5=8b9677a51d740561aea065d71ad6d1b2DOI: 10.1107/S2056989016006058</a></p> <p>7. Kushch, I., Korenev, N., Kamarchuk, L., Pospelov, A., Kravchenko, A., Bajenov, L., Kabulov, M., Amann, A., Kamarchuk, G.On the importance of developing a new generation of breath tests for Helicobacter pylori detection(2015) Journal of Breath Research, 9 (4), статья № 047111, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954137684&amp;doi=10.1088%2F1752-7155%2F9%2F4%2F047111&amp;partnerID=40&amp;md5=caf960be69e4e8194fe77708dc0ee90aDOI: 10.1088/1752-7155/9/4/047111">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954137684&amp;doi=10.1088%2F1752-7155%2F9%2F4%2F047111&amp;partnerID=40&amp;md5=caf960be69e4e8194fe77708dc0ee90aDOI: 10.1088/1752-7155/9/4/047111</a></p> <p>8. Bregadze, V.I., Dyachenko, O.A., Kazheva, O.N., Kravchenko, A.V., Sivaev, I.B., Starodub, V.A.Tetrathiafulvalene-based radical cation salts with transition metal bis(dicarbollide) anions(2015) CrystEngComm, 17 (26), pp. 4754-4767. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934947725&amp;doi=10.1039%2Fc5ce00835b&amp;partnerID=40&amp;md5=2a437784e16668ccec693a713b73caffDOI: 10.1039/c5ce00835b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934947725&amp;doi=10.1039%2Fc5ce00835b&amp;partnerID=40&amp;md5=2a437784e16668ccec693a713b73caffDOI: 10.1039/c5ce00835b</a></p> <p>9. Kazheva, O.N., Kravchenko, A.V., Aleksandrov, G.G., Sivaev, I.B., Bregadze, V.I., Kosenko, I.D., Lobanova, I.A., Buravov, L.I., Starodub, V.A., D'Yachenko, O.A.Syntheses, structures, and electroconductivity of bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and bis(methylenedithio)tetrathiafulvalene (BMDT-TTF) salts with cobalt 8,8'-dichloro-3,3'-bis(1,2-dicarbollide) (2014) Russian Chemical Bulletin, 63 (6), pp. 1322-1329. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924266296&amp;doi=10.1007%2Fs11172-014-0598-3&amp;partnerID=40&amp;md5=2ee7c423033eace659273533b929e240DOI: 10.1007/s11172-014-0598-3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924266296&amp;doi=10.1007%2Fs11172-014-0598-3&amp;partnerID=40&amp;md5=2ee7c423033eace659273533b929e240DOI: 10.1007/s11172-014-0598-3</a></p> <p>10. Kravchenko, A.V., Timofeev, S.V., Kazheva, O.N., Alexandrov, G.G., Sivaev, I.B., Bregadze, V.I., Starodub, V.A., Buravov, L.I., Dyachenko,</p>	<p>65, 2195, 10.1007/s11172-016-1567-9.</p> <p>6. Golichenko, AA; Kravchenko, AV; Omelchenko, IV; Chudak, DM; Starodub, VA; Barszcz, B; Shtemenko, AV. Crystal structure of bis(ethylenedithio)tetrathiafulvalenium <math>\mu</math>(2)-acetato-bis[tribromidorhenate(III)] 1,1,2-trichloroethane hemisolvate. ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, 2016, 72, 712, 10.1107/S2056989016006058.</p> <p>7. Bregadze, VI; Dyachenko, OA; Kazheva, ON; Kravchenko, AV; Sivaev, IB; Starodub, VA. Tetrathiafulvalene-based radical cation salts with transition metal bis(dicarbollide) anions. CRYSTENGCOMM, 2015, 17, 4754, 10.1039/c5ce00835b.</p> <p>8. Vasylets, GY; Khotkevich, AV; Bukrinev, AS; Krasnyi, AS; Starodub, VA; Kravchenko, AA; Medvedie, VV. Electroconductivity of anion-radical TCNQ salts containing cations [M(bipy)(3)](2+) (M - Fe, Ni or Zn). FUNCTIONAL MATERIALS, 2015, 22, 338, 10.15407/fm22.03.338.</p> <p>9. Kazheva, ON; Kravchenko, AV; Aleksandrov, GG; Sivaev, IB; Bregadze, VI; Kosenko, ID; Lobanova, IA; Buravov, LI; Starodub, VA; D'yachenko, OA. Syntheses, structures, and electroconductivity of bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and bis(methylenedi-thio)tetrathiafulvalene (BMDT-TTF) salts with cobalt 8,8 '-dichloro-3,3 '-bis(1,2-dicarbollide). RUSSIAN CHEMICAL BULLETIN, 2014, 63, 1322, 10.1007/s11172-014-0598-3.</p> <p>10. Kravchenko, AV; Timofeev, SV; Kazheva, ON; Alexandrov, GG; Sivaev, IB; Bregadze, VI; Starodub, VA; Buravov, LI; Dyachenko, OA. Molecular conductors with anti-7,7':8,8'-bis(di-thio)bis(7,8-dicarbaundecaborate) anion. INORGANIC CHEMISTRY COMMUNICATIONS, 2013, 33, 109, 10.1016/j.inoche.2013.04.012.</p> <p>11. Cheranovskii, VO; Ezerskaya, EV; Kravchenko, AA. «On a spectrum of the t-J model on a deformed lattice ""necklace ladder""". LOW TEMPERATURE PHYSICS, 2012, 38, 473, 10.1063/1.4723665.</p> <p>12. Kazheva, ON; Aleksandrov, GG; Kravchenko, AV; Starodub, VA; Lobanova, IA; Kosenko, ID; Sivaev, IB; Bregadze, VI; Buravov, LI; Dyachenko, OA. New Fulvalenium Salts of Cobalt Bis(dicarbollide): Crystal Structures and Electrical Conductivities. CRYSTALS, 2012, 2, 43, 10.3390/cryst2010043.</p> <p>13. Kazheva, ON; Alexandrov, GG; Kravchenko, AV; Sivaev, IB; Kosenko, ID; Lobanova, IA; Kajnakova, M; Buravov, LI; Bregadze, VI; Feher, A; Starodub, VA; Dyachenko, OA. Synthesis, structure, electrical and magnetic properties of (BEDT-TTF)(2)[3,3 '-Fe(1,2-C2B9H11)(2)]. INORGANIC CHEMISTRY COMMUNICATIONS, 2012, 15, 106, 10.1016/j.inoche.2011.10.002.</p>
--	--	--	--	--

				<p>O.A.Molecular conductors with anti-7,7':8,8'-bis(dithio)bis(7,8-dicarbaundecaborate) anion(2013) Inorganic Chemistry Communications, 33, pp. 109-113. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877667332&amp;doi=10.1016%2Fj.inoche.2013.04.012&amp;partnerID=40&amp;md5=6a1697f6f7fcbd167b16a07f8b1eda48">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877667332&amp;doi=10.1016%2Fj.inoche.2013.04.012&amp;partnerID=40&amp;md5=6a1697f6f7fcbd167b16a07f8b1eda48</a>DOI: 10.1016/j.inoche.2013.04.012</p> <p>11. Kazheva, O.N., Aleksandrov, G.G., Kravchenko, A.V., Starodub, V.A., Lobanova, I.A., Kosenko, I.D., Sivaev, I.B., Bregadze, V.I., Buravov, L.I., Dyachenko, O.A.New fulvalenium salts of cobalt bis(dicarbollide): Crystal structures and electrical conductivities(2012) Crystals, 2 (1), pp. 43-55. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878308621&amp;doi=10.3390%2Fcryst2010043&amp;partnerID=40&amp;md5=3df409451a1cc32a83726dd4750db601">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878308621&amp;doi=10.3390%2Fcryst2010043&amp;partnerID=40&amp;md5=3df409451a1cc32a83726dd4750db601</a>DOI: 10.3390/cryst2010043</p> <p>12. Kazheva, O.N., Alexandrov, G.G., Kravchenko, A.V., Sivaev, I.B., Kosenko, I.D., Lobanova, I.A., Kajňaková, M., Buravov, L.I., Bregadze, V.I., Feher, A., Starodub, V.A., Dyachenko, O.A.Synthesis, structure, electrical and magnetic properties of (BEDT-TTF) 2[3,3'-Fe(1,2-C2B9H11) 2](2012) Inorganic Chemistry Communications, 15, pp. 106-108. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84655170013&amp;doi=10.1016%2Fj.inoche.2011.10.002&amp;partnerID=40&amp;md5=e10238d7fe40e03959ce1d534ff53136">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84655170013&amp;doi=10.1016%2Fj.inoche.2011.10.002&amp;partnerID=40&amp;md5=e10238d7fe40e03959ce1d534ff53136</a>DOI: 10.1016/j.inoche.2011.10.002</p>		
Хімічний	Прикладної хімії	Черановський Владислав Олегович	13	<p>1. Cheranovskii, V.O., Ezerskaya, E.V., Klein, D.J., Tokarev, V.V.Finite Size Effects in Anisotropic <math>u = \infty</math> Hubbard Ladder Rings(2018) Journal of Superconductivity and Novel Magnetism, 31 (5), pp. 1369-1373. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029143695&amp;doi=10.1007%2Fs10948-017-4323-y&amp;partnerID=40&amp;md5=1c63275bf23f7bdae2f77b655ac5bb7d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029143695&amp;doi=10.1007%2Fs10948-017-4323-y&amp;partnerID=40&amp;md5=1c63275bf23f7bdae2f77b655ac5bb7d</a>DOI: 10.1007/s10948-017-4323-y</p> <p>2. Cheranovskii, V.O., Klein, D.J., Ezerskaya, E.V., Tokarev, V.V.Validity of t - J approximation for extended Hubbard model with strong repulsion(2017) Low Temperature Physics, 43 (11), pp. 1294-1297. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041325206&amp;doi=10.1063%2F1.5010315&amp;partnerID=40&amp;md5=1d0ccb5196ab7b7564163de7ec3f3f91">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041325206&amp;doi=10.1063%2F1.5010315&amp;partnerID=40&amp;md5=1d0ccb5196ab7b7564163de7ec3f3f91</a>DOI: 10.1063/1.5010315</p> <p>3. Cheranovskii, V.O., Klein, D.J., Ezerskaya, E.V., Tokarev, V.V.Validity of t-J approximation for extended Hubbard model with strong repulsion(2017) Fizika Nizkikh Temperatur, 43 (11), pp. 1622-1625. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030452475&amp;partnerID=40&amp;md5=c76ebff3d4984d9f864691ee075c421d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030452475&amp;partnerID=40&amp;md5=c76ebff3d4984d9f864691ee075c421d</a></p> <p>4. Cheranovskii, V.O., Ezerskaya, E.V., Klein, D.J., Tokarev, V.V.Lowest energy states of Hubbard ladder model with infinite electron repulsion(2017) Computational and Theoretical Chemistry, 1116, pp. 112-116. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018997383&amp;doi=10.1016%2Fj.comptc.2017.03.026&amp;partnerID=40&amp;md5=7527cac65363379f24b257513ec4cac7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018997383&amp;doi=10.1016%2Fj.comptc.2017.03.026&amp;partnerID=40&amp;md5=7527cac65363379f24b257513ec4cac7</a>DOI: 10.1016/j.comptc.2017.03.026</p> <p>5. Cheranovskii, V.O., Ezerskaya, E.V., Klein, D.J., Tokarev, V.V.Ground-state spin of hubbard ladder model with infinite electron repulsion(2017) Acta Physica Polonica A, 131 (4), pp. 916-918. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-">https://www.scopus.com/inward/record.uri?eid=2-s2.0-</a></p>	11	<p>1. Cheranovskii, VO; Ezerskaya, EV; Klein, DJ; Tokarev, VV. Finite Size Effects in Anisotropic <math>u = a</math> Hubbard Ladder Rings. JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, 2018, 31, 1369, 10.1007/s10948-017-4323-y.</p> <p>2. Cheranovskii, VO; Klein, DJ; Ezerskaya, EV; Tokarev, VV. Validity of t-J approximation for extended Hubbard model with strong repulsion. LOW TEMPERATURE PHYSICS, 2017, 43, 1294, 10.1063/1.5010315.</p> <p>3. Cheranovskii, VO; Ezerskaya, EV; Klein, DJ; Tokarev, VV. Lowest energy states of Hubbard ladder model with infinite electron repulsion. COMPUTATIONAL AND THEORETICAL CHEMISTRY, 2017, 1116, 112, 10.1016/j.comptc.2017.03.026.</p> <p>4. Cheranovskii, VO; Ezerskayaa, EV; Klein, DJ; Tokarev, VV. Ground-State Spin of Hubbard Ladder Model with Infinite Electron Repulsion. ACTA PHYSICA POLONICA A, 2017, 131, 916, 10.12693/APhysPolA.131.916.</p> <p>5. Soltesova, D; Vasylets, A; Cizmar, E; Botko, M; Cheranovskii, V; Starodub, V; Feher, A. Exchange interaction between TCNQ and transition metal ion mediated by hydrogen bonds in [Mn(phen)(3)](TCNQ)(2)center dot H2O and [Co(phen)(3)] (TCNQ)(2)center dot H2O. JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, 2016, 99, 182, 10.1016/j.jpics.2016.08.022.</p> <p>6. Cheranovskii, VO; Ezerskaya, EV. Magnetic Properties of the Infinite U Hubbard Model on One-Dimensional Frustrated Lattices. JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, 2015, 28, 773, 10.1007/s10948-014-2642-9.</p> <p>7. Botko, M; Cheranovskii, V; Vasilets, G; Cizmar, E; Kajnakova, M; Anders, AG; Starodub, V; Feher, A. Magnetic Properties of an S=2 Ladder Spin Model Applied to a New Quasi-One-Dimensional Magnet [Mn(phen)(3)](TCNQ)(2)center dot H2O. ACTA PHYSICA POLONICA A, 2014, 126, 20, 10.12693/APhysPolA.126.20.</p>

			<p>85019617261&amp;doi=10.12693%2fAPhysPolA.131.916&amp;partnerID=40&amp;md5=913c24735c48f943eb48b65e0d4f5d96DOI: 10.12693/APhysPolA.131.916</p> <p>6. Šoltéssová, D., Vasylets, G., Čižmár, E., Botko, M., Cheranovskii, V., Starodub, V., Feher, A. Exchange interaction between TCNQ and transition metal ion mediated by hydrogen bonds in [Mn(phen)3](TCNQ)2·H2O and [Co(phen)3](TCNQ)2·H2O(2016) Journal of Physics and Chemistry of Solids, 99, pp. 182-188. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987887258&amp;doi=10.1016%2fj.jpics.2016.08.022&amp;partnerID=40&amp;md5=60949d67e2a4bf44f02daa30e0acff4cDOI: 10.1016/j.jpics.2016.08.022">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987887258&amp;doi=10.1016%2fj.jpics.2016.08.022&amp;partnerID=40&amp;md5=60949d67e2a4bf44f02daa30e0acff4cDOI: 10.1016/j.jpics.2016.08.022</a></p> <p>7. Cheranovskii, V.O., Ezerskaya, E.V. Magnetic Properties of the Infinite U Hubbard Model on One-Dimensional Frustrated Lattices(2015) Journal of Superconductivity and Novel Magnetism, 28 (3), pp. 773-776. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938062580&amp;doi=10.1007%2fs10948-014-2642-9&amp;partnerID=40&amp;md5=d9eeda4b4c7199e50a87d8d8777edd76DOI: 10.1007/s10948-014-2642-9">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938062580&amp;doi=10.1007%2fs10948-014-2642-9&amp;partnerID=40&amp;md5=d9eeda4b4c7199e50a87d8d8777edd76DOI: 10.1007/s10948-014-2642-9</a></p> <p>8. Botko, M., Cheranovskii, V., Vasilets, G., Čižmar, E., Kajňaková, M., Anders, A.G., Starodub, V., Feher, A. Magnetic properties of an S = 2 Ladder spin model applied to a new quasi-one-dimensional magnet [Mn(phen)3](TCNQ)2·H2O (2014) Acta Physica Polonica A, 126 (1), pp. 20-21. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899865613&amp;doi=10.12693%2fAPhysPolA.126.20&amp;partnerID=40&amp;md5=d53f5a27e9ac3346b3746adb6ad006d0DOI: 10.12693/APhysPolA.126.20">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899865613&amp;doi=10.12693%2fAPhysPolA.126.20&amp;partnerID=40&amp;md5=d53f5a27e9ac3346b3746adb6ad006d0DOI: 10.12693/APhysPolA.126.20</a></p> <p>9. Cheranovskii, V.O., Ezerskaya, E.V. U = ∞ Hubbard model for 1D frustrated magnets(2013) Croatica Chemica Acta, 86 (4), pp. 431-434. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897710485&amp;doi=10.5562%2fc2323&amp;partnerID=40&amp;md5=25d0f2de766d0a9f9f1776f53986ff4cDOI: 10.5562/c2323">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897710485&amp;doi=10.5562%2fc2323&amp;partnerID=40&amp;md5=25d0f2de766d0a9f9f1776f53986ff4cDOI: 10.5562/c2323</a></p> <p>10. Botko, M., Cheranovskii, V.O., Kazheva, O.N., Shilov, G.V., Dyachenko, O.A., Verkin, A.B., Kucmin, M., Starodub, V.A., Radváková, A., Kajňaková, M., Feher, A. Interplay between crystal and magnetic structure of the anion-radical salt (N-Me-2,6-di-Me-Py)(TCNQ)2 (Py is pyridine)(2013) Solid State Sciences, 24, pp. 85-89. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881408551&amp;doi=10.1016%2fj.solidstatesciences.2013.07.011&amp;partnerID=40&amp;md5=0e513dbad6655930635feabe856792DOI: 10.1016/j.solidstatesciences.2013.07.011">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881408551&amp;doi=10.1016%2fj.solidstatesciences.2013.07.011&amp;partnerID=40&amp;md5=0e513dbad6655930635feabe856792DOI: 10.1016/j.solidstatesciences.2013.07.011</a></p> <p>11. Cheranovskii, V.O., Ezerskaya, E.V., Kravchenko, A.A. On a spectrum of the t-J model on a deformed lattice "necklace ladder"(2012) Low Temperature Physics, 38 (6), pp. 473-480. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862658194&amp;doi=10.1063%2f1.4723665&amp;partnerID=40&amp;md5=522f095c9797fb48985669e32d4b622aDOI: 10.1063/1.4723665">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862658194&amp;doi=10.1063%2f1.4723665&amp;partnerID=40&amp;md5=522f095c9797fb48985669e32d4b622aDOI: 10.1063/1.4723665</a></p> <p>12. Cheranovskii, V.O., Ezerskaya, E.V., Kravchenko, A.A. On the energy spectrum of t-J model on the distorted necklace ladder(2012) Fizika Nizkikh Temperatur, 38 (6), pp. 606-615. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860743424&amp;partnerID=40&amp;md5=a70c6994b2e4e1f0c126171cf07b177a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860743424&amp;partnerID=40&amp;md5=a70c6994b2e4e1f0c126171cf07b177a</a></p> <p>13. Starodub, V.A., Vitushkina, S.V., Kamenskyi, D., Anders, A.G., Cheranovskii, V.O., Schmidt, H., Steinborn, D., Potočňák, I., Kajňaková, M., Radváková, A., Feher, A. Peculiarities of crystal structures and magnetic properties</p>	<p>8. Cheranovskii, VO; Ezerskaya, EV. U = infinity Hubbard Model for 1D Frustrated Magnets. CROATICA CHEMICA ACTA, 2013, 86, 431, 10.5562/c2323.</p> <p>9. Botko, M; Cheranovskii, VO; Kazheva, ON; Shilov, GV; Dyachenko, OA; Verkin, AB; Kucmin, M; Starodub, VA; Radvakova, A; Kajnakova, M; Feher, A. Interplay between crystal and magnetic structure of the anion-radical salt (N-Me-2,6-di-Me-Py)(TCNQ)(2) (Py is pyridine). SOLID STATE SCIENCES, 2013, 24, 85, 10.1016/j.solidstatesciences.2013.07.011.</p> <p>10. Cheranovskii, VO; Ezerskaya, EV; Kravchenko, AA. "On a spectrum of the t-J model on a deformed lattice ""necklace ladder""". LOW TEMPERATURE PHYSICS, 2012, 38, 473, 10.1063/1.4723665.</p> <p>11. Starodub, VA; Vitushkina, SV; Kamenskyi, D; Anders, AG; Cheranovskii, VO; Schmidt, H; Steinborn, D; Potocnak, I; Kajnakova, M; Radvakova, A; Feher, A. Peculiarities of crystal structures and magnetic properties of Cu(II) and Ni(II) mixed-ligand complexes on the 1,3-dithiole-2-thione-4,5-dithiolate basis. JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS, 2012, 73, 350, 10.1016/j.jpics.2011.10.001.</p>
--	--	--	--	--

				of Cu(II) and Ni(II) mixed-ligand complexes on the 1,3-dithiole-2-thione-4,5-dithiolate basis(2012) Journal of Physics and Chemistry of Solids, 73 (2), pp. 350-356. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904785670&amp;doi=10.1016%2Fj.jpcc.2011.10.001&amp;partnerID=40&amp;md5=7eee43e33c594731a83795fec171c484DOI: 10.1016/j.jpcc.2011.10.001">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904785670&amp;doi=10.1016%2Fj.jpcc.2011.10.001&amp;partnerID=40&amp;md5=7eee43e33c594731a83795fec171c484DOI: 10.1016/j.jpcc.2011.10.001</a>		
Хімічний	Органічної хімії	Колосов Максим Олександрович	16	<p>1. Kolosov, M.A., Shvets, E.H., Manuenkov, D.A., Vlasenko, S.A., Omelchenko, I.V., Shishkina, S.V., Orlov, V.D.A synthesis of 6-functionalized 4,7-dihydro[1,2,4]triazolo[1,5-a]pyrimidines(2017) Tetrahedron Letters, 58 (12), pp. 1207-1210. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028281622&amp;doi=10.1016%2Fj.tetlet.2017.02.035&amp;partnerID=40&amp;md5=0376a34a7645651861a37bca69d06779DOI: 10.1016/j.tetlet.2017.02.035">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028281622&amp;doi=10.1016%2Fj.tetlet.2017.02.035&amp;partnerID=40&amp;md5=0376a34a7645651861a37bca69d06779DOI: 10.1016/j.tetlet.2017.02.035</a></p> <p>2. Kolosov, M.A., Beloborodov, D.A., Orlov, V.D., Dotsenko, V.V. Catalyst-free Biginelli-type synthesis of new functionalized 4,7-dihydropyrazolo[1,5-: A] pyrimidines(2016) New Journal of Chemistry, 40 (9), pp. 7573-7579. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985023389&amp;doi=10.1039%2Fc6nj00336b&amp;partnerID=40&amp;md5=1a9f9dda61c5c5afc808619aa3cfdc29dDOI: 10.1039/c6nj00336b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84985023389&amp;doi=10.1039%2Fc6nj00336b&amp;partnerID=40&amp;md5=1a9f9dda61c5c5afc808619aa3cfdc29dDOI: 10.1039/c6nj00336b</a></p> <p>3. Kolosov, M.A., Shvets, E.H., Kulyk, O.G., Orlov, V.D. Alkylation of 6-C(O)R-7-aryl-5-methyl-4,7-dihydro-[1,2,4]triazolo[1,5-a]pyrimidines(2015) Chemistry of Heterocyclic Compounds, 51 (11-12), pp. 1052-1056. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954104461&amp;doi=10.1007%2Fs10593-016-1818-6&amp;partnerID=40&amp;md5=23d30557f724fb0f95cf187be68c506fDOI: 10.1007/s10593-016-1818-6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954104461&amp;doi=10.1007%2Fs10593-016-1818-6&amp;partnerID=40&amp;md5=23d30557f724fb0f95cf187be68c506fDOI: 10.1007/s10593-016-1818-6</a></p> <p>4. Kolosov, M.A., Kulyk, O.G., Al-Ogaili, M.J.K., Orlov, V.D. An effective Biginelli-type synthesis of 1-methoxy-3,4-dihydropyrimidin-2(1H)-ones(2015) Tetrahedron Letters, 56 (32), статья № 46433, pp. 4666-4669. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938201690&amp;doi=10.1016%2Fj.tetlet.2015.06.041&amp;partnerID=40&amp;md5=842545e9e34ec8be752515ceeb0fca99DOI: 10.1016/j.tetlet.2015.06.041">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938201690&amp;doi=10.1016%2Fj.tetlet.2015.06.041&amp;partnerID=40&amp;md5=842545e9e34ec8be752515ceeb0fca99DOI: 10.1016/j.tetlet.2015.06.041</a></p> <p>5. Kolosov, M.A., Al-Ogaili, M.J.K., Kulyk, O.G., Orlov, V.D. Synthesis of 4,7-dihydro[1,2,4]triazolo-[1,5-a]pyrimidine-6-sulfonamide derivatives(2015) Chemistry of Heterocyclic Compounds, 51 (7), pp. 691-694. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954374634&amp;doi=10.1007%2Fs10593-015-1759-5&amp;partnerID=40&amp;md5=7c9be96ceaa0ed6be317146ec7389bf3DOI: 10.1007/s10593-015-1759-5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954374634&amp;doi=10.1007%2Fs10593-015-1759-5&amp;partnerID=40&amp;md5=7c9be96ceaa0ed6be317146ec7389bf3DOI: 10.1007/s10593-015-1759-5</a></p> <p>6. Popova, E.V., Gamzaeva, S.A., Krivoshey, A.I., Kryshchal, A.P., Fedoryako, A.P., Prodanov, M.F., Kolosov, M.A., Vashchenko, V.V. Dielectric properties of magnetic nanoparticles' suspension in a ferroelectric liquid crystal(2015) Liquid Crystals, 42 (3), pp. 334-343. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925634106&amp;doi=10.1080%2F02678292.2014.988763&amp;partnerID=40&amp;md5=4f85f4de2110a2b1d0e8991e806468b5DOI: 10.1080/02678292.2014.988763">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925634106&amp;doi=10.1080%2F02678292.2014.988763&amp;partnerID=40&amp;md5=4f85f4de2110a2b1d0e8991e806468b5DOI: 10.1080/02678292.2014.988763</a></p> <p>7. Kolosov, M.A., Kulyk, O.G., Shvets, E.H., Orlov, V.D. Synthesis of 5-cinnamoyl-3,4-dihydropyrimidine-2(1H)-ones(2014) Synthetic Communications, 44 (11), pp. 1649-1657. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901305690&amp;doi=10.1080%2F00397911.2013.869341&amp;partnerID=40&amp;md5=f81">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901305690&amp;doi=10.1080%2F00397911.2013.869341&amp;partnerID=40&amp;md5=f81</a></p>	14	<p>1. Kolosov, MA; Shvets, EH; Manuenkov, DA; Vlasenko, SA; Omelchenko, IV; Shishkina, SV; Orlov, VD. A synthesis of 6-functionalized 4,7-dihydro[1,2,4]triazolo[1,5-a]pyrimidines. TETRAHEDRON LETTERS, 2017, 58, 1207,10.1016/j.tetlet.2017.02.035.</p> <p>2. Kolosov, MA; Beloborodov, DA; Orlov, VD; Dotsenko, VV. Catalyst-free Biginelli-type synthesis of new functionalized 4,7-dihydropyrazolo-[1,5-a]pyrimidines. NEW JOURNAL OF CHEMISTRY, 2016, 40, 7573, 10.1039/c6nj00336b.</p> <p>3. Kolosov, MA; Orlov, VD; Dotsenko, VV. Synthesis of new 4,7-dihydropyrazolo[1,5-a]pyrimidines and 4,5,6,7,8,9-hexahydropyrazolo[5,1-b]quinazolines through the non-catalyzed Biginelli reaction. 20TH INTERNATIONAL ELECTRONIC CONFERENCE ON SYNTHETIC ORGANIC CHEMISTRY (ECSOC) 2016, 10.3390/ecsoc-20-a042.</p> <p>4. Kolosov, MA; Shvets, EH; Kulyk, OG; Orlov, VD. Alkylation of 6-C(O)R-7-aryl-5-methyl-4,7-dihydro-[1,2,4]triazolo[1,5-a]pyrimidines. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2015, 51, 1052, 10.1007/s10593-016-1818-6.</p> <p>5. Kolosov, MA; Kulyk, OG; Al-Ogaili, MJK; Orlov, VD. An effective Biginelli-type synthesis of 1-methoxy-3,4-dihydropyrimidin-2(1H)-ones. TETRAHEDRON LETTERS, 2015, 56, 4666, 10.1016/j.tetlet.2015.06.041.</p> <p>6. Kolosov, MA; Al-Ogaili, MJK; Kulyk, OG; Orlov, VD. Synthesis of 4,7-dihydro[1,2,4] triazolo-[1,5-a]pyrimidine-6-sulfonamide derivatives. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2015, 51, 691, 10.1007/s10593-015-1759-5.</p> <p>7. Popova, EV; Gamzaeva, SA; Krivoshey, AI; Kryshchal, AP; Fedoryako, AP; Prodanov, MF; Kolosov, MA; Vashchenko, VV. Dielectric properties of magnetic nanoparticles' suspension in a ferroelectric liquid crystal. LIQUID CRYSTALS, 2015, 42, 334, 10.1080/02678292.2014.988763.</p> <p>8. Kolosov, MA; Beloborodov, DA; Kulyk, OG; Orlov, VD. Synthesis of 2,5,7-Triaryl-4,7(6,7)-dihydropyrazolo[1,5-a]pyrimidine-3-carbonitriles by Reaction of 5(3)-Amino-3(5)-aryl-1H-pyrazole-4-carbonitriles with Chalcones. JOURNAL OF HETEROCYCLIC CHEMISTRY, 2014, 51, E89, 10.1002/jhet.1824.</p> <p>9. Kolosov, MA; Kulyk, OG; Shvets, EG; Orlov, VD. SYNTHESIS OF 5-CINNAMOYL-3,4-DIHYDROPYRIMIDINE-2(1H)-ONES SYNTHETIC COMMUNICATIONS, 2014, 44, 1649, 10.1080/00397911.2013.869341.</p> <p>10. Kolosov, MA; Al-Ogaili, MJK; Parkhomenko, VS; Orlov, VD. Synthesis and Alkylation of Diethyl 6-Aryl-2-Oxo-1,2,3,6-Tetrahydropyrimidine-4,5-Dicarboxylates. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2014, 49, 1484, 10.1007/s10593-014-1399-1.</p> <p>11. Kolosov, MA; Kulyk, OG; Starchenko, OI; Orlov, VD. Formation of 3,4,5,6-tetrahydro-quinazolin-2(1H)-one derivatives in reaction of 4-aryl-6-methyl-3,4-dihydro-pyrimidin-2(1H)-ones with chalcones. CHEMISTRY OF</p>



			<p>29a091841ccd55f036c9e7eb9b8ffDOI: 10.1080/00397911.2013.869341</p> <p>8. Kolosov, M.A., Beloborodov, D.A., Kulyk, O.G., Orlov, V.D.Synthesis of 2,5,7-triaryl-4,7(6,7)-dihydropyrazolo[1,5-a]pyrimidine-3- carbonitriles by reaction of 5(3)-amino-3(5)-aryl-1H-pyrazole-4-carbonitriles with chalcones(2014) Journal of Heterocyclic Chemistry, 51 (SUPPL. 1), pp. E89-E92. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907423764&amp;doi=10.1002%2Fjhet.1824&amp;partnerID=40&amp;md5=0864cc4316cd1cacdf812f492b80862dDOI: 10.1002/jhet.1824">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907423764&amp;doi=10.1002%2Fjhet.1824&amp;partnerID=40&amp;md5=0864cc4316cd1cacdf812f492b80862dDOI: 10.1002/jhet.1824</a></p> <p>9. Kolosov, M.A., Al-Ogaili, M.J.K., Parkhomenko, V.S., Orlov, V.D.Synthesis and alkylation of diethyl 6-aryl-2-oxo-1,2,3,6-tetrahydropyrimidine-4,5-dicarboxylates(2014) Chemistry of Heterocyclic Compounds, 49 (10), pp. 1484-1489. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893788719&amp;doi=10.1007%2Fs10593-014-1399-1&amp;partnerID=40&amp;md5=e4a9ebe9c72908fbb7f9b03e774a521DOI: 10.1007/s10593-014-1399-1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893788719&amp;doi=10.1007%2Fs10593-014-1399-1&amp;partnerID=40&amp;md5=e4a9ebe9c72908fbb7f9b03e774a521DOI: 10.1007/s10593-014-1399-1</a></p> <p>10. Kolosov, M.A., Kulyk, O.G., Starchenko, O.I., Orlov, V.D.Formation of 3,4,5,6-tetrahydroquinazolin-2(1H)-one derivatives in reaction of 4-aryl-6-methyl-3,4-dihydro-pyrimidin-2(1H)-ones with chalcones(2013) Chemistry of Heterocyclic Compounds, 49 (8), pp. 1166-1171. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888130305&amp;doi=10.1007%2Fs10593-013-1359-1&amp;partnerID=40&amp;md5=5b1af5d7a223316fcdcfdbb37e802193DOI: 10.1007/s10593-013-1359-1">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888130305&amp;doi=10.1007%2Fs10593-013-1359-1&amp;partnerID=40&amp;md5=5b1af5d7a223316fcdcfdbb37e802193DOI: 10.1007/s10593-013-1359-1</a></p> <p>11. Mozul, K.A., Ol'khovik, L.P., Sizova, Z.I., Bludov, A.N., Pashchenko, V.A., Baumer, V.N., Vashchenko, V.V., Kolosov, M.O., Kryshstal', A.P., Prodanov, M.F.Surface magnetic anisotropy of CoFe<sub>2</sub>O<sub>4</sub> nanoparticles with a giant low-temperature hysteresis(2013) Low Temperature Physics, 39 (4), pp. 365-369. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877025147&amp;doi=10.1063%2F1.4801993&amp;partnerID=40&amp;md5=c73afbde63251ff16bcd2d6460fca9b5DOI: 10.1063/1.4801993">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877025147&amp;doi=10.1063%2F1.4801993&amp;partnerID=40&amp;md5=c73afbde63251ff16bcd2d6460fca9b5DOI: 10.1063/1.4801993</a></p> <p>12. Mozul, K.A., Ol'Khovik, L.P., Sizova, Z.I., Bludov, A.N., Pashchenko, V.O., Baumer, V.N., Vashchenko, V.V., Kolosov, M.O., Kryshstal, A.P., Prodanov, M.F.The surface magnetic anisotropy of the CoFe<sub>2</sub>O<sub>4</sub> nanoparticles with giant low-temperature hysteresis(2013) Fizika Nizkikh Temperatur, 39 (4), pp. 469-474. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874688850&amp;partnerID=40&amp;md5=b9dad0836d71bf74b0d11ad17087f8ab">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874688850&amp;partnerID=40&amp;md5=b9dad0836d71bf74b0d11ad17087f8ab</a></p> <p>13. Kolosov, M.A., Kulyk, O.G., Beloborodov, D.A., Orlov, V.D.A simple and efficient one-pot synthesis of 4-alkyl-3,4-dihydropyrimidin- 2(1H)-ones(2013) Journal of Chemical Research, 37 (2), pp. 115-118. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875521193&amp;doi=10.3184%2F174751913X13573126386313&amp;partnerID=40&amp;md5=0ad46710bf01a19fef93d67a45c0d007DOI: 10.3184/174751913X13573126386313">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875521193&amp;doi=10.3184%2F174751913X13573126386313&amp;partnerID=40&amp;md5=0ad46710bf01a19fef93d67a45c0d007DOI: 10.3184/174751913X13573126386313</a></p> <p>14. Prodanov, M.F., Kolosov, M.A., Krivoshey, A.I., Fedoryako, A.P., Yarmolenko, S.N., Semynozhenko, V.P., Goodby, J.W., Vashchenko, V.V.Dispersion of magnetic nanoparticles in a polymorphic liquid crystal(2012) Liquid Crystals, 39 (12), pp. 1512-1526. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-">https://www.scopus.com/inward/record.uri?eid=2-s2.0-</a></p>	<p>HETEROCYCLIC COMPOUNDS, 2013, 49, 1166, 10.1007/s10593-013-1359-1.</p> <p>12. Mozul', KA; Ol'khovik, LP; Sizova, ZI; Bludov, AN; Pashchenko, VA; Baumer, VN; Vashchenko, VV; Kolosov, MO; Kryshstal', AP; Prodanov, MF. Surface magnetic anisotropy of CoFe<sub>2</sub>O<sub>4</sub> nanoparticles with a giant low-temperature hysteresis. LOW TEMPERATURE PHYSICS, 2013, 39, 365, 10.1063/1.4801993.</p> <p>13. Kolosov, MA; Kulyk, OG; Beloborodov, DA; Orlov, VD. A simple and efficient one-pot synthesis of 4-alkyl-3,4-dihydropyrimidin-2(1H)-ones. JOURNAL OF CHEMICAL RESEARCH, 2013, 115, 10.3184/174751913X13573126386313.</p> <p>17. 15. Kolosov, MA; Kulyk, OG; Al-Ogaili, M; Orlov, VD. Synthesis and Acylation of 4-Chloroalkyl-3,4-dihydropyrimidin-2(1H)-ones. ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, 2012, 67, 921, 10.5560/ZNB.2012-0182.</p>
--	--	--	--	---

				<p>84867852715&amp;doi=10.1080%2f02678292.2012.725867&amp;partnerID=40&amp;md5=b0bbef25164a8e7735d168bf97e66c38DOI: 10.1080/02678292.2012.725867</p> <p>15. Kolosov, M.A., Kulyk, O.G., Al-Ogaili, M., Orlov, V.D. Synthesis and acylation of 4-Chloroalkyl-3,4-dihydropyrimidin-2(1H)-ones(2012) Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences, 67 (9), pp. 921-924. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867939366&amp;doi=10.5560%2fZNB.2012-0182&amp;partnerID=40&amp;md5=57fa2724db26e35680c37aabfc78f5efDOI: 10.5560/ZNB.2012-0182">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867939366&amp;doi=10.5560%2fZNB.2012-0182&amp;partnerID=40&amp;md5=57fa2724db26e35680c37aabfc78f5efDOI: 10.5560/ZNB.2012-0182</a></p> <p>16. Buluy, O., Burseva, D., Hakobyan, M.R., Goodby, J.W., Kolosov, M.A., Reznikov, Y., Hakobyan, R.S., Slyusarenko, K., Prodanov, M.F., Vashchenko, V. Influence of surface treatment of ferromagnetic nanoparticles on properties of thermotropic nematic liquid crystals(2012) Molecular Crystals and Liquid Crystals, 560, pp. 149-158. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861394757&amp;doi=10.1080%2f15421406.2012.663195&amp;partnerID=40&amp;md5=cf6af32260820ffaf011149702febe88DOI: 10.1080/15421406.2012.663195">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861394757&amp;doi=10.1080%2f15421406.2012.663195&amp;partnerID=40&amp;md5=cf6af32260820ffaf011149702febe88DOI: 10.1080/15421406.2012.663195</a></p>		
Хімічний	Фізичної хімії	Камнева Ніка Миколаївна	15	<p>1. Kamneva, N.N., Tkachenko, V.V., Mchedlov-Petrossyan, N.O., Marynin, A.I., Ukrainets, A.I., Malysheva, M.L., Osawa, E.(2018) Surface Engineering and Applied Electrochemistry, 54 (1), pp. 64-72. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046656418&amp;doi=10.3103%2fS1068375518010088&amp;partnerID=40&amp;md5=33e915a5a5337c7c8af28e87db2f7165DOI: 10.3103/S1068375518010088">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046656418&amp;doi=10.3103%2fS1068375518010088&amp;partnerID=40&amp;md5=33e915a5a5337c7c8af28e87db2f7165DOI: 10.3103/S1068375518010088</a></p> <p>2. Reshetnyak, E.A., Ostrovskaya, V.M., Goloviznina, K.V., Kamneva, N.N.(2017) Journal of Molecular Liquids, 248, pp. 610-615. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032282627&amp;doi=10.1016%2fj.molliq.2017.10.019&amp;partnerID=40&amp;md5=5ede03e932a654f3bd3a369a49336fd7DOI: 10.1016/j.molliq.2017.10.019">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032282627&amp;doi=10.1016%2fj.molliq.2017.10.019&amp;partnerID=40&amp;md5=5ede03e932a654f3bd3a369a49336fd7DOI: 10.1016/j.molliq.2017.10.019</a></p> <p>3. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S.(2017) Journal of Molecular Liquids, 235, pp. 98-103. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018794120&amp;doi=10.1016%2fj.molliq.2016.10.113&amp;partnerID=40&amp;md5=79672bc993f98f999f6eec11b20cedd2DOI: 10.1016/j.molliq.2016.10.113">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018794120&amp;doi=10.1016%2fj.molliq.2016.10.113&amp;partnerID=40&amp;md5=79672bc993f98f999f6eec11b20cedd2DOI: 10.1016/j.molliq.2016.10.113</a></p> <p>4. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I.(2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 516, pp. 345-353. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008195329&amp;doi=10.1016%2fj.colsurfa.2016.12.035&amp;partnerID=40&amp;md5=edcc5b009f05860b363d1e852933badDOI: 10.1016/j.colsurfa.2016.12.035">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008195329&amp;doi=10.1016%2fj.colsurfa.2016.12.035&amp;partnerID=40&amp;md5=edcc5b009f05860b363d1e852933badDOI: 10.1016/j.colsurfa.2016.12.035</a></p> <p>5. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Shekhovtsov, S.V.(2016) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 509, pp. 631-637. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&amp;doi=10.1016%2fj.colsurfa.2016.09.045&amp;partnerID=40&amp;md5=bcf1353172f9b66bf519b30855bf04cfDOI: 10.1016/j.colsurfa.2016.09.045">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&amp;doi=10.1016%2fj.colsurfa.2016.09.045&amp;partnerID=40&amp;md5=bcf1353172f9b66bf519b30855bf04cfDOI: 10.1016/j.colsurfa.2016.09.045</a></p> <p>6. Kharchenko, A.Y., Kamneva, N.N., Mchedlov-Petrossyan, N.O.(2016) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 507, pp. 243-254. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981516880&amp;doi=10.1016%2fj.colsurfa.2016.08.004&amp;partnerID=40&amp;md5=b03">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981516880&amp;doi=10.1016%2fj.colsurfa.2016.08.004&amp;partnerID=40&amp;md5=b03</a></p>	10	<p>1. Kamneva, NN; Tkachenko, VV; Mchedlov-Petrossyan, NO; Marynin, AI; Ukrainets, AI; Malysheva, ML; Osawa, E" Interfacial Electrical Properties of Nanodiamond Colloidal Species in Aqueous Medium as Examined by Acid-Base Indicator Dyes. SURFACE ENGINEERING AND APPLIED ELECTROCHEMISTRY, 2018, 54, 64, 10.3103/S1068375518010088.</p> <p>2. Reshetnyak, EA; Ostrovskaya, VM; Goloviznina, KV; Kamneva, NN. Influence of tetraalkylammonium halides on analytical properties of universal acid-base indicator paper. JOURNAL OF MOLECULAR LIQUIDS, 2017, 248, 610, 10.1016/j.molliq.2017.10.019.</p> <p>3. Mchedlov-Petrossyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI; Zozulia, OS. Formation and ageing of the fullerene C-60 colloids in polar organic solvents. JOURNAL OF MOLECULAR LIQUIDS, 2017, 235, 98, 10.1016/j.molliq.2016.10.113.</p> <p>4. Mchedlov-Petrossyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI. Interaction of C-60 aggregates with electrolytes in acetonitrile. COLLOIDS AND SURFACES A-PHYSICOHEMICAL AND ENGINEERING ASPECTS, 2017, 516, 345, 10.1016/j.colsurfa.2016.12.035.</p> <p>5. Tarabara, U; Vus, K; Girnyk, S; Kamneva, N; Lavryk, O; Mikhailyuta, M; Trusova, V; Gorbenko, G. EFFECT OF AMYLOID FIBRILS ON ELECTROKINETIC PROPERTIES OF LIPID VESICLES, EAST EUROPEAN JOURNAL OF PHYSICS, 2017, 4, 19.</p> <p>6. Mchedlov-Petrossyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI; Shekhovtsov, SV. The peculiar behavior of fullerene C-60 in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems COLLOIDS AND SURFACES A-PHYSICOHEMICAL AND ENGINEERING ASPECTS, 2016, 509, 631, 10.1016/j.colsurfa.2016.09.045.</p> <p>7. Kharchenko, AY; Kamneva, NN; Mchedlov-Petrossyan, NO. The properties and composition of the SDS-1-butanol mixed micelles as determined via acid-base indicators. COLLOIDS AND SURFACES A-PHYSICOHEMICAL AND ENGINEERING ASPECTS, 2016, 507, 243,</p>

		<p>96505e2ca482c5f6267d651c68f53DOI: 10.1016/j.colsurfa.2016.08.004</p> <p>7. McHedlov-Petrosyan, N.O., Al-Shuuchi, Y.T.M., Kamneva, N.N., Marynin, A.I., Klochkov, V.K.(2016) <i>Langmuir</i>, 32 (39), pp. 10065-10072. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990046294&amp;doi=10.1021%2facsc.langmuir.6b02533&amp;partnerID=40&amp;md5=34ab66df0d48cb91177898a78bf5ce27">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990046294&amp;doi=10.1021%2facsc.langmuir.6b02533&amp;partnerID=40&amp;md5=34ab66df0d48cb91177898a78bf5ce27</a>DOI: 10.1021/acs.langmuir.6b02533</p> <p>8. Mchedlov-Petrosyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S., Kryshtal, A.P., Klochkov, V.K., Shekhovtsov, S.V.(2016) <i>Physical Chemistry Chemical Physics</i>, 18 (4), pp. 2517-2526. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&amp;doi=10.1039%2fc5cp06806a&amp;partnerID=40&amp;md5=d94aff8762e2d217a8bead445f414866">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&amp;doi=10.1039%2fc5cp06806a&amp;partnerID=40&amp;md5=d94aff8762e2d217a8bead445f414866</a>DOI: 10.1039/c5cp06806a</p> <p>9. McHedlov-Petrosyan, N.O., Kamneva, N.N., Kryshtal, A.P., Marynin, A.I., Zakharevich, V.B., Tkachenko, V.V.(2015) <i>Ukrainian Journal of Physics</i>, 60 (9), pp. 932-937. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941095892&amp;doi=10.15407%2fujpe60.09.0932&amp;partnerID=40&amp;md5=30e4886f535bd0be71d0c5d64094699b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941095892&amp;doi=10.15407%2fujpe60.09.0932&amp;partnerID=40&amp;md5=30e4886f535bd0be71d0c5d64094699b</a>DOI: 10.15407/ujpe60.09.0932</p> <p>10. Mchedlov-Petrosyan, N.O., Kamneva, N.N., Kharchenko, A., Shekhovtsov, S.V., Marinin, A.I., Kryshtal, A.P.(2015) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 476, pp. 57-67. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&amp;doi=10.1016%2fj.colsurfa.2015.03.001&amp;partnerID=40&amp;md5=746227da0c0396e8a8d22420f61638de">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&amp;doi=10.1016%2fj.colsurfa.2015.03.001&amp;partnerID=40&amp;md5=746227da0c0396e8a8d22420f61638de</a>DOI: 10.1016/j.colsurfa.2015.03.001</p> <p>11. Mchedlov-Petrosyan, N.O., Kamneva, N.N., Marynin, A.I., Kryshtal, A.P., Osawa, E.(2015) <i>Physical Chemistry Chemical Physics</i>, 17 (24), pp. 16186-16203. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935910778&amp;doi=10.1039%2fc5cp01405k&amp;partnerID=40&amp;md5=7ece8124d756cd5eb37d4d61d9d23383">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84935910778&amp;doi=10.1039%2fc5cp01405k&amp;partnerID=40&amp;md5=7ece8124d756cd5eb37d4d61d9d23383</a>DOI: 10.1039/c5cp01405k</p> <p>12. McHedlov-Petrosyan, N.O., Kamneva, N.N., Osawa, E., Marynin, A.I., Goga, S.T., Tkachenko, V.V., Kryshtal, A.P.(2015) <i>Springer Proceedings in Physics</i>, 171, pp. 199-217. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950299082&amp;doi=10.1007%2f978-3-319-20875-6_8&amp;partnerID=40&amp;md5=02eac8db9fcb297f7fb8197383e1d539">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84950299082&amp;doi=10.1007%2f978-3-319-20875-6_8&amp;partnerID=40&amp;md5=02eac8db9fcb297f7fb8197383e1d539</a>DOI: 10.1007/978-3-319-20875-6_8</p> <p>13. Kamneva, N.N., Kharchenko, A.Y., Bykova, O.S., Sundenko, A.V., McHedlov-Petrosyan, N.O.(2014) <i>Journal of Molecular Liquids</i>, 199, pp. 376-384. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907529221&amp;doi=10.1016%2fj.molliq.2014.09.022&amp;partnerID=40&amp;md5=b319032b87f82384a48b91e34ff63bbb">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907529221&amp;doi=10.1016%2fj.molliq.2014.09.022&amp;partnerID=40&amp;md5=b319032b87f82384a48b91e34ff63bbb</a>DOI: 10.1016/j.molliq.2014.09.022</p> <p>14. Sofronov, D.S., Kamneva, N.N., Katrunov, K.A., Bulgakova, A.V., Baumer, V.N., Vovk, O.M., Chebanov, V.A.(2014) <i>Inorganic Materials</i>, 50 (7), pp. 651-655. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903182599&amp;doi=10.1134%2fS0020168514070140&amp;partnerID=40&amp;md5=4dc074cc12dd8755b8cd75e5b6a52bcc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903182599&amp;doi=10.1134%2fS0020168514070140&amp;partnerID=40&amp;md5=4dc074cc12dd8755b8cd75e5b6a52bcc</a> DOI: 10.1134/S0020168514070140</p> <p>15. Mchedlov-Petrosyan, N.O., Vodolazkaya, N.A., Kamneva, N.N.(2013) <i>Micelles: Structural Biochemistry, Formation and Functions and Usage</i>, pp. 1-72. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&amp;partnerID=40&amp;md5=d114310038b388cb4b8bafec324db883b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900558388&amp;partnerID=40&amp;md5=d114310038b388cb4b8bafec324db883b</a></p>	<p>10.1016/j.colsurfa.2016.08.004.</p> <p>8. Mchedlov-Petrosyan, NO; Al-Shuuchi, YTM; Kamneva, NN; Marynin, AI; Klochkov, VK. Interactions of Nanosized Aggregates of Fullerene C-60 with Electrolytes in Methanol: Coagulation and Overcharging of Particles. <i>LANGMUIR</i>, 2016, 32, 10065, 10.1021/acs.langmuir.6b02533.</p> <p>9. Mchedlov-Petrosyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI; Zozulia, OS; Kryshtal, AP; Klochkov, VK; Shekhovtsov, SV. Towards better understanding of C-60 organosols. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2016, 18, 2517, 10.1039/c5cp06806a.</p> <p>10. Mchedlov-Petrosyan, NO; Kamneva, NN; Kharchenko, AY; Shekhovtsov, SV; Marinin, AI; Kryshtal, AP. The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes. <i>COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS</i>, 2015, 476, 57, 10.1016/j.colsurfa.2015.03.001.</p> <p>11. Mchedlov-Petrosyan, NO; Kamneva, NN; Osawa, E; Marynin, AI; Goga, ST; Tkachenko, VV; Kryshtal, AP. Colloidal Solution of 3 nm Bucky Diamond: Primary Particles of Detonation Nanodiamond. <i>PHYSICS OF LIQUID MATTER: MODERN PROBLEMS</i>, 2015, 171, 199, 10.1007/978-3-319-20875-6_8.</p> <p>12. Mchedlov-Petrosyan, NO; Kamneva, NN; Kryshtal, AP; Marynin, AI; Zakharevich, VB; Tkachenko, VV. THE PROPERTIES OF 3 nm-SIZED DETONATION DIAMOND FROM THE POINT OF VIEW OF COLLOID SCIENCE. <i>UKRAINIAN JOURNAL OF PHYSICS</i>, 2015, 60, 932, 10.15407/ujpe60.09.0932.</p> <p>13. Mchedlov-Petrosyan, NO; Kamneva, NN; Marynin, AI; Kryshtal, AP; Osawa, E. Colloidal properties and behaviors of 3 nm primary particles of detonation nanodiamonds in aqueous media. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2015, 17, 16186, 10.1039/c5cp01405k.</p> <p>14. Kamneva, NN; Kharchenko, AY; Bykova, OS; Sundenko, AV; Mchedlov-Petrosyan, NO. The influence of 1-butanol and electrolytic background on the properties of CTAB micelles as examined using a set of indicator dyes. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2014, 199, 376, 10.1016/j.molliq.2014.09.022.</p>
--	--	---	--

Хімічний	Фізичної хімії	Шеховцов Сергій Вікторович	9	<ol style="list-style-type: none"> <li>1. N. O. Mchedlov-Petrosyan, K. Steinbach, N. A. Vodolazkaya, D. V. Samoylov, S. V. Shekhovtsov, I. V. Omelchenko, O. V. Shishkin, The molecular structure of anionic species of 2,4,5,7-tetranitrofluorescein as studied by ESI, NMR, and X-ray techniques, <i>Coloration Technology</i>, 2018. V. 134. No. 5. P. 390–399. <a href="https://doi.org/10.1111/cote.12351">https://doi.org/10.1111/cote.12351</a></li> <li>2. N. O. Mchedlov-Petrosyan, A. N. Laguta, S. V. Shekhovtsov, S. V. Eltsov, T. A. Cheipesh, I. V. Omelchenko, O. V. Shishkin. Dinitrophenolsulfonephthalein: An acid-base indicator dye with unusual properties. <i>Coloration Technology</i>. 2017. Vol. 133. No. 2. P. 135–144. <a href="http://dx.doi.org/10.1111/cote.12254">http://dx.doi.org/10.1111/cote.12254</a>.</li> <li>3. N. O. Mchedlov-Petrosyan, A. N. Laguta, S. V. Shekhovtsov, S. V. Eltsov, T. A. Cheipesh, I. V. Omelchenko, O. V. Shishkin. 3,3'-Dinitrophenolsulfonephthalein: An acid-base indicator dye with unusual properties. <i>Coloration Technology</i>. 2016. Vol. 133. P. 135-144 <a href="http://dx.doi.org/10.1111/cote.12254">http://dx.doi.org/10.1111/cote.12254</a>.</li> <li>4. N.O. Mchedlov-Petrosyan, N.N. Kamneva, Y.T.M. Al-Shuuchi, A.I. Marynin, S.V. Shekhovtsov. The peculiar behavior of fullerene C<sub>60</sub> in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems. <i>Colloids Surfaces A</i>. 2016. Vol. 509. P. 631-637. <a href="http://dx.doi.org/10.1016/j.colsurfa.2016.09.045">http://dx.doi.org/10.1016/j.colsurfa.2016.09.045</a>.</li> <li>5. N. O. Mchedlov-Petrosyan, N. N. Kamneva, Y. T. M. Al-Shuuchi, A. I. Marynin, O. S. Zozulia, A. P. Kryshstal, V. K. Klochkov, S. V. Shekhovtsov. Towards better understanding of C<sub>60</sub> organosols. <i>Physical Chemistry Chemical Physics</i>. 2016. Vol. 18. P. 2517-2526. <a href="http://dx.doi.org/10.1039/C5CP06806A">http://dx.doi.org/10.1039/C5CP06806A</a>.</li> <li>6. Mchedlov-Petrosyan, N.O., Kamneva, N.N., Kharchenko, A., Shekhovtsov, S.V., Marinin, A.I., Kryshstal, A.P. The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 2015.</li> <li>7. Mchedlov-Petrosyan, N.O., Cheipesh, T.A., Shekhovtsov, S.V., Omelchenko, I.V., Shishkin, O.V. Ionization and tautomerism of methyl fluorescein and related dyes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i>, 2015.</li> <li>8. Mchedlov-Petrosyan, N.O., Roshchyna, K.V., Shekhovtsov, S.V., Omelchenko, I.V., Shishkin, O.V. Revisiting tetranitrophenolsulfonephthalein. <i>Coloration Technology</i>, 2015.</li> <li>9. Shekhovtsov, S.V., Omelchenko, I.V., Dyakonenko, V.V., Reichardt, C., Mchedlov-Petrosyan, N.O. Synthesis and crystal structure determination of 2,6-di-tert-butyl-4-(2,4,6-triphenylpyridinium-1-yl)phenolate and its corresponding perchlorate salt. <i>Dyes and Pigments</i>, 2012.</li> </ol>	7	<ol style="list-style-type: none"> <li>1. Mchedlov-Petrosyan, NO; Laguta, AN; Shekhovtsov, SV; Eltsov, SV; Cheipesh, TA; Omelchenko, IV; Shishkin, OV. 3,3-Dinitrophenolsulphonophthalein: an acid-base indicator dye with unusual properties. <i>COLORATION TECHNOLOGY</i>, 2017, 133, 10.1111/cote.12254.</li> <li>2. Mchedlov-Petrosyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI; Shekhovtsov, SV. The peculiar behavior of fullerene C-60 in mixtures of 'good' and polar solvents: Colloidal particles in the toluene-methanol mixtures and some other systems. <i>COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS</i>, 2016, 509, 631, 10.1016/j.colsurfa.2016.09.045.</li> <li>3. Mchedlov-Petrosyan, NO; Kamneva, NN; Al-Shuuchi, YTM; Marynin, AI; Zozulia, OS; Kryshstal, AP; Klochkov, VK; Shekhovtsov, SV. Towards better understanding of C-60 organosols. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i>, 2016, 18, 2517, 10.1039/c5cp06806a.</li> <li>4. Mchedlov-Petrosyan, NO; Cheipesh, TA; Shekhovtsov, SV; Redko, AN; Rybachenko, VI; Omelchenko, IV; Shishkin, OV. Ionization and tautomerism of methyl fluorescein and related dyes. <i>SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY</i>, 2015, 150, 10.1016/j.saa.2015.05.037.</li> <li>5. Mchedlov-Petrosyan, NO; Kamneva, NN; Kharchenko, AY; Shekhovtsov, SV; Marinin, AI; Kryshstal, AP. The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes. <i>COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS</i>, 2015, 476, 57, 10.1016/j.colsurfa.2015.03.001.</li> <li>6. Mchedlov-Petrosyan, NO; Roshchyna, KV; Shekhovtsov, SV; Eltsov, SV; Zozulia, OS; Omelchenko, IV; Shishkin, OV. Revisiting tetranitrophenolsulfonephthalein. <i>COLORATION TECHNOLOGY</i>, 2015, 131, 236, 10.1111/cote.12145.</li> <li>7. Shekhovtsov, SV; Omelchenko, IV; Dyakonenko, VV; Shishkin, OV; Allmann, R; Libor, T; Reichardt, C; Mchedlov-Petrosyan, NO. Synthesis and crystal structure determination of 2,6-di-tert-butyl-4-(2,4,6-triphenylpyridinium-1-yl)phenolate and its corresponding perchlorate salt. <i>DYES AND PIGMENTS</i>, 2012, 92, 1394, 10.1016/j.dyepig.2011.06.029.</li> </ol>
Хімічний	Фізичної хімії	Лебідь Олександр Валентинович	9	<ol style="list-style-type: none"> <li>1. Mchedlov-Petrosyan, N.O., Steinbach, K., Vodolazkaya, N.A., Samoylov, D.V., Shekhovtsov, S.V., Omelchenko, I.V., Shishkin, O.V. The molecular structure of anionic species of 2,4,5,7-tetranitrofluorescein as studied by electrospray ionisation, nuclear magnetic resonance and X-ray techniques (2018) <i>Coloration Technology</i>, 134 (5), pp. 390-399. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050683501&amp;doi=10.1111%2fcote.12351&amp;partnerID=40&amp;md5=958ff4ae83c26">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050683501&amp;doi=10.1111%2fcote.12351&amp;partnerID=40&amp;md5=958ff4ae83c26</a></li> </ol>	8	<ol style="list-style-type: none"> <li>1. Mchedlov-Petrosyan, NO; Farafonov, VS; Lebed, AV. Examining surfactant micelles via acid-base indicators: Revisiting the pioneering Hartley-Roe 1940 study by molecular dynamics modeling. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2018, 264, 683, 10.1016/j.molliq.2018.05.076.</li> <li>2. Farafonov, VS; Lebed, AV; Mchedlov-Petrosyan, NO. Solvatochromic betaine dyes of different hydrophobicity in ionic surfactant micelles: Molecular dynamics modeling of location character. <i>COLLOIDS AND SURFACES A-</i></li> </ol>

			<p>8a47ff5ce3f056894d8DOI: 10.1111/cote.12351</p> <p>2. Mchedlov-Petrossyan, N.O., Laguta, A.N., Shekhovtsov, S.V., Eltsov, S.V., Cheipesh, T.A., Omelchenko, I.V., Shishkin, O.V. 3,3'-Dinitrophenolsulphonophthalein: an acid–base indicator dye with unusual properties(2017) <i>Coloration Technology</i>, 133 (2), pp. 135-144. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&amp;doi=10.1111%2fcote.12254&amp;partnerID=40&amp;md5=9275083beb893ea66ba1c40a0a8a2849">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&amp;doi=10.1111%2fcote.12254&amp;partnerID=40&amp;md5=9275083beb893ea66ba1c40a0a8a2849</a>DOI: 10.1111/cote.12254</p> <p>3. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Shekhovtsov, S.V. The peculiar behavior of fullerene C60 in mixtures of 'good' and polar solvents: Colloidal particles in the toluene–methanol mixtures and some other systems(2016) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 509, pp. 631-637. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&amp;doi=10.1016%2fj.colsurfa.2016.09.045&amp;partnerID=40&amp;md5=bcf1353172f9b66bf519b30855bf04cf">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991063402&amp;doi=10.1016%2fj.colsurfa.2016.09.045&amp;partnerID=40&amp;md5=bcf1353172f9b66bf519b30855bf04cf</a>DOI: 10.1016/j.colsurfa.2016.09.045</p> <p>4. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Al-Shuuchi, Y.T.M., Marynin, A.I., Zozulia, O.S., Kryshchal, A.P., Klochkov, V.K., Shekhovtsov, S.V. Towards better understanding of C60 organosols(2016) <i>Physical Chemistry Chemical Physics</i>, 18 (4), pp. 2517-2526. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&amp;doi=10.1039%2fc5cp06806a&amp;partnerID=40&amp;md5=d94aff8762e2d217a8bead445f414866">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955310502&amp;doi=10.1039%2fc5cp06806a&amp;partnerID=40&amp;md5=d94aff8762e2d217a8bead445f414866</a>DOI: 10.1039/c5cp06806a</p> <p>5. Mchedlov-Petrossyan, N.O., Kamneva, N.N., Kharchenko, A., Shekhovtsov, S.V., Marinin, A.I., Kryshchal, A.P. The influence of the micellar pseudophase of the double-chained cationic surfactant di-n-tetradecyldimethylammonium bromide on the absorption spectra and protolytic equilibrium of indicator dyes(2015) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 476, pp. 57-67. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&amp;doi=10.1016%2fj.colsurfa.2015.03.001&amp;partnerID=40&amp;md5=746227da0c0396e8a8d22420f61638de">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926299513&amp;doi=10.1016%2fj.colsurfa.2015.03.001&amp;partnerID=40&amp;md5=746227da0c0396e8a8d22420f61638de</a>DOI: 10.1016/j.colsurfa.2015.03.001</p> <p>6. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Shekhovtsov, S.V., Redko, A.N., Rybachenko, V.I., Omelchenko, I.V., Shishkin, O.V. Ionization and tautomerism of methyl fluorescein and related dyes(2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i>, 150, статья № 13704, pp. 151-161. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&amp;doi=10.1016%2fj.saa.2015.05.037&amp;partnerID=40&amp;md5=8fc3d020c32ce1010c85b6d30cca38b5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&amp;doi=10.1016%2fj.saa.2015.05.037&amp;partnerID=40&amp;md5=8fc3d020c32ce1010c85b6d30cca38b5</a>DOI: 10.1016/j.saa.2015.05.037</p> <p>7. Mchedlov-Petrossyan, N.O., Roshchyna, K.V., Shekhovtsov, S.V., Eltsov, S.V., Zozulia, O.S., Omelchenko, I.V., Shishkin, O.V. Revisiting tetranitrophenolsulfonophthalein(2015) <i>Coloration Technology</i>, 131 (3), pp. 236-244. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929521358&amp;doi=10.1111%2fcote.12145&amp;partnerID=40&amp;md5=256ee320b69cea5d7815da88f89e3c8a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929521358&amp;doi=10.1111%2fcote.12145&amp;partnerID=40&amp;md5=256ee320b69cea5d7815da88f89e3c8a</a>DOI: 10.1111/cote.12145</p> <p>8. Shekhovtsov, S.V., Omelchenko, I.V., Dyakonenko, V.V., Shishkin, O.V., Allmann, R., Libor, T., Reichardt, C., Mchedlov-Petrossyan, N.O. Synthesis and crystal structure determination of 2,6-di-tert-butyl-4-(2,4,6-triphenylpyridinium-1-yl)phenolate and its corresponding perchlorate salt(2012)</p>	<p>PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, 2018, 538, 583, 10.1016/j.colsurfa.2017.11.046.</p> <p>3. Farafonov, VS; Lebed, AV; Mchedlov-Petrossyan, NO. Character of Localization and Microenvironment of Solvatochromic Reichardt's Betaine Dye in Sodium n-Dodecyl Sulfate and Cetyltrimethylammonium Bromide Micelles: Molecular Dynamics Simulation Study. <i>LANGMUIR</i>, 2017, 33, 8342, 10.1021/acs.langmuir.7b01737.</p> <p>4. Farafonov, VS; Lebed, AV. Developing and Validating a Set of All-Atom Potential Models for Sodium Dodecyl Sulfate. <i>JOURNAL OF CHEMICAL THEORY AND COMPUTATION</i>, 2017, 13, 2742, 10.1021/acs.jctc.7b00181.</p> <p>5. Lebed, AV; Palval, IN; Mchedlov-Petrossyan, NO. The comparison of the dissociation constants of ionophores in solutions as obtained by conductometric and spectrophotometric methods. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2014, 200, 136, 10.1016/j.molliq.2014.10.002.</p> <p>6. Lebed, AV; Biryukov, AV; Mchedlov-Petrossyan, NO. A Quantum-Chemical Study of Tautomeric Equilibria of Fluorescein Dyes in DMSO. <i>CHEMISTRY OF HETEROCYCLIC COMPOUNDS</i>, 2014, 50, 336, 10.1007/s10593-014-1481-8.</p> <p>7. Goga, ST; Mchedlov-Petrossyan, NO; Glazkova, EN; Lebed, AV. Thermodynamics of solubility and solvation of N-cetylpyridinium perchlorate and related compounds in water-propanol-2 system. <i>JOURNAL OF MOLECULAR LIQUIDS</i>, 2013, 177, 237, 10.1016/j.molliq.2012.11.004.</p>
--	--	--	--	--

				Dyes and Pigments, 92 (3), pp. 1394-1399. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054965164&amp;doi=10.1016%2Fj.dyepig.2011.06.029&amp;partnerID=40&amp;md5=29fde1b14fa107ebebcc8c12de2b753eDOI: 10.1016/j.dyepig.2011.06.029">https://www.scopus.com/inward/record.uri?eid=2-s2.0-80054965164&amp;doi=10.1016%2Fj.dyepig.2011.06.029&amp;partnerID=40&amp;md5=29fde1b14fa107ebebcc8c12de2b753eDOI: 10.1016/j.dyepig.2011.06.029</a>		
Хімічний	Хімічного матеріалознавства	Пантелеймонов Антон Віталійович	10	<p>1. Onizhuk, M.O., Tkachenko, O.S., Panteleimonov, A.V., Varchenko, V.V., Belikov, K., Kholin, Y.V. Electrochemical oxidation of quercetin in aqueous and ethanol-water media with the use of graphite/chemically modified silica ceramic electrode(2018) Ionics, 24 (6), pp. 1755-1764. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032882150&amp;doi=10.1007%2Fs11581-017-2320-6&amp;partnerID=40&amp;md5=032c1ef4f6fb38912eb4c5c0cb99ebe5DOI: 10.1007/s11581-017-2320-6">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032882150&amp;doi=10.1007%2Fs11581-017-2320-6&amp;partnerID=40&amp;md5=032c1ef4f6fb38912eb4c5c0cb99ebe5DOI: 10.1007/s11581-017-2320-6</a></p> <p>2. Onizhuk, M.O., Panteleimonov, A.V., Kholin, Y.V., Ivanov, V.V. Dissociation Constants of Silanol Groups of Silic Acids: Quantum Chemical Estimations(2018) Journal of Structural Chemistry, 59 (2), pp. 261-271. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048078917&amp;doi=10.1134%2FS0022476618020026&amp;partnerID=40&amp;md5=95e16a567fe2af804686852cc41cadb9DOI: 10.1134/S0022476618020026">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048078917&amp;doi=10.1134%2FS0022476618020026&amp;partnerID=40&amp;md5=95e16a567fe2af804686852cc41cadb9DOI: 10.1134/S0022476618020026</a></p> <p>3. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&amp;doi=10.1016%2Fj.colsurfa.2017.11.018&amp;partnerID=40&amp;md5=66c0a5ab8a1d0c7e6840537aa3904097DOI: 10.1016/j.colsurfa.2017.11.018">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&amp;doi=10.1016%2Fj.colsurfa.2017.11.018&amp;partnerID=40&amp;md5=66c0a5ab8a1d0c7e6840537aa3904097DOI: 10.1016/j.colsurfa.2017.11.018</a></p> <p>4. Reshetnyak, E.A., Solokha, A.Yu., Khadzhikova, A.A., Panteleimonov, A.V. Samples of comparison for visual binary testing of p-chloro-Aniline as impurity in substance chlorhexidine digluconate(2017) Methods and Objects of Chemical Analysis, 12 (3), pp. 123-129. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044214411&amp;doi=10.17721%2Fmoca.2017.123-129&amp;partnerID=40&amp;md5=c2e97a2069272e8112efeaf6cf66c226DOI: 10.17721/moca.2017.123-129">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044214411&amp;doi=10.17721%2Fmoca.2017.123-129&amp;partnerID=40&amp;md5=c2e97a2069272e8112efeaf6cf66c226DOI: 10.17721/moca.2017.123-129</a></p> <p>5. Onizhuk, M.O., Ivanov, V.V., Panteleimonov, A.V., Kholin, Yu.V. Alternative methods for constructing of linear regressions(2017) Methods and Objects of Chemical Analysis, 12 (3), pp. 105-111. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044188467&amp;doi=10.17721%2Fmoca.2017.105-111&amp;partnerID=40&amp;md5=7b4957ac4a93b5fbbb8efe593c383974DOI: 10.17721/moca.2017.105-111">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044188467&amp;doi=10.17721%2Fmoca.2017.105-111&amp;partnerID=40&amp;md5=7b4957ac4a93b5fbbb8efe593c383974DOI: 10.17721/moca.2017.105-111</a></p> <p>6. Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V. Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride(2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930639846&amp;doi=10.5935%2F0103-">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930639846&amp;doi=10.5935%2F0103-</a></p>	9	<p>1. Onizhuk, M.O., Tkachenko, O.S., Panteleimonov, A.V., Varchenko, V.V., Belikov, K., Kholin, Y.V. Electrochemical oxidation of quercetin in aqueous and ethanol-water media with the use of graphite/chemically modified silica ceramic electrode(2018) Ionics, 24 (6), pp. 1755-1764. DOI: 10.1007/s11581-017-2320-6</p> <p>2. Onizhuk, M.O., Panteleimonov, A.V., Kholin, Y.V., Ivanov, V.V. Dissociation Constants of Silanol Groups of Silic Acids: Quantum Chemical Estimations(2018) Journal of Structural Chemistry, 59 (2), pp. 261-271. DOI: 10.1134/S0022476618020026</p> <p>3. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. DOI: 10.1016/j.colsurfa.2017.11.018</p> <p>4. Onizhuk, M.O., Ivanov, V.V., Panteleimonov, A.V., Kholin, Yu.V. Alternative methods for constructing of linear regressions(2017) Methods and Objects of Chemical Analysis, 12 (3), pp. 105-111. DOI: 10.17721/moca.2017.105-111</p> <p>5. Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V. Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride(2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170. DOI: 10.5935/0103-5053.20150080</p> <p>6. Tkachenko, O., Panteleimonov, A., Padalko, I., Korobov, A., Gushikem, Y., Kholin, Y. Silica functionalized with 1-propyl-3-methylimidazolium chloride as an efficient adsorbent for the removal of Eosin Yellow and Reactive Blue 4(2014) Chemical Engineering Journal, 254, pp. 324-332. DOI: 10.1016/j.ces.2014.05.117</p> <p>7. Panteleimonov, A., Tkachenko, O., Baraban, A., Benvenuti, E., Gushikem, Y., Kholin, Y. Probing silica-organic hybrid materials using small probes: Simulation of adsorption equilibria influenced by cooperativity effects(2014) Adsorption Science and Technology, 32 (4), pp. 305-320. DOI: 10.1260/0263-6174.32.4.305</p> <p>8. Panteleimonov, A.V., Kholin, Yu.V. Algorithm of object identification in qualitative chemical analysis based on fuzzy similarity criteria(2013) Journal of Analytical Chemistry, 68 (11), pp. 942-948. DOI: 10.1134/S1061934813110099.</p> <p>9. Pushkarova, Y.N., Sledzevskaya, A.B., Panteleimonov, A.V., Titova, N.P., Yurchenko, O.I., Ivanov, V.V., Kholin, Y.V. Identification of water samples from different springs and rivers of Kharkiv: Comparison of methods for multivariate data analysis(2013) Moscow University Chemistry Bulletin, 68 (1), pp. 60-66. DOI: 10.3103/S0027131412060077</p>

			<p>5053.20150080&amp;partnerID=40&amp;md5=44edcfc81f10da20a9f9915faa7859edDOI: 10.5935/0103-5053.20150080</p> <p>7. Tkachenko, O., Panteleimonov, A., Padalko, I., Korobov, A., Gushikem, Y., Kholin, Y. Silica functionalized with 1-propyl-3-methylimidazolium chloride as an efficient adsorbent for the removal of Eosin Yellow and Reactive Blue 4(2014) Chemical Engineering Journal, 254, pp. 324-332. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904623561&amp;doi=10.1016%2Fj.cej.2014.05.117&amp;partnerID=40&amp;md5=74f44657ee22766b527e55c684636940DOI: 10.1016/j.cej.2014.05.117">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904623561&amp;doi=10.1016%2Fj.cej.2014.05.117&amp;partnerID=40&amp;md5=74f44657ee22766b527e55c684636940DOI: 10.1016/j.cej.2014.05.117</a></p> <p>8. Panteleimonov, A., Tkachenko, O., Baraban, A., Benvenuti, E., Gushikem, Y., Kholin, Y. Probing silica-organic hybrid materials using small probes: Simulation of adsorption equilibria influenced by cooperativity effects(2014) Adsorption Science and Technology, 32 (4), pp. 305-320. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901750967&amp;doi=10.1260%2F0263-6174.32.4.305&amp;partnerID=40&amp;md5=d510c002605407a3de45e0ef5af77f86DOI: 10.1260/0263-6174.32.4.305">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901750967&amp;doi=10.1260%2F0263-6174.32.4.305&amp;partnerID=40&amp;md5=d510c002605407a3de45e0ef5af77f86DOI: 10.1260/0263-6174.32.4.305</a></p> <p>9. Panteleimonov, A.V., Kholin, Yu.V. Algorithm of object identification in qualitative chemical analysis based on fuzzy similarity criteria(2013) Journal of Analytical Chemistry, 68 (11), pp. 942-948. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886932031&amp;doi=10.1134%2FS1061934813110099&amp;partnerID=40&amp;md5=6ee053c0c48128c6865d503826fd710bDOI: 10.1134/S1061934813110099">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84886932031&amp;doi=10.1134%2FS1061934813110099&amp;partnerID=40&amp;md5=6ee053c0c48128c6865d503826fd710bDOI: 10.1134/S1061934813110099</a></p> <p>10. Pushkarova, Y.N., Sledzevskaia, A.B., Panteleimonov, A.V., Titova, N.P., Yurchenko, O.I., Ivanov, V.V., Kholin, Y.V. Identification of water samples from different springs and rivers of Kharkiv: Comparison of methods for multivariate data analysis(2013) Moscow University Chemistry Bulletin, 68 (1), pp. 60-66. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&amp;doi=10.3103%2FS0027131412060077&amp;partnerID=40&amp;md5=563de9977cfc6550ec5abde61315ab54DOI: 10.3103/S0027131412060077">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&amp;doi=10.3103%2FS0027131412060077&amp;partnerID=40&amp;md5=563de9977cfc6550ec5abde61315ab54DOI: 10.3103/S0027131412060077</a></p>			
Хімічний	Хімічного матеріалознавства	Хрістенко Інна Василівна	5	<p>1. Krasnopyorova, A.P., Khristenko, I.V., Yuhno, G.D., Ostapenko, E.V., Levishko, A.S. Sorption properties of hybrid organic-silica material towards <sup>137</sup>Cs, <sup>90</sup>Sr and <sup>90</sup>Y radionuclides(2018) Adsorption Science and Technology, 36 (3-4), pp. 851-856. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046714363&amp;doi=10.1177%2F0263617417747469&amp;partnerID=40&amp;md5=617c4606f13c550b07597a095c262592DOI: 10.1177/0263617417747469">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046714363&amp;doi=10.1177%2F0263617417747469&amp;partnerID=40&amp;md5=617c4606f13c550b07597a095c262592DOI: 10.1177/0263617417747469</a></p> <p>2. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&amp;doi=10.1016%2Fj.colsurfa.2017.11.018&amp;partnerID=40&amp;md5=66c0a5ab8a1d0c7e6840537aa3904097DOI: 10.1016/j.colsurfa.2017.11.018">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&amp;doi=10.1016%2Fj.colsurfa.2017.11.018&amp;partnerID=40&amp;md5=66c0a5ab8a1d0c7e6840537aa3904097DOI: 10.1016/j.colsurfa.2017.11.018</a></p> <p>3. Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V. Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride(2015)</p>	5	<p>1. Krasnopyorova, A.P., Khristenko, I.V., Yuhno, G.D., Ostapenko, E.V., Levishko, A.S. Sorption properties of hybrid organic-silica material towards <sup>137</sup>Cs, <sup>90</sup>Sr and <sup>90</sup>Y radionuclides(2018) Adsorption Science and Technology, 36 (3-4), pp. 851-856. DOI: 10.1177/0263617417747469</p> <p>2. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. DOI: 10.1016/j.colsurfa.2017.11.018</p> <p>3. Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V. Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride (2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170. DOI: 10.5935/0103-5053.20150080</p> <p>4. Tkachenko, O., Rahim, A., Baraban, A., Sukhov, R., Khristenko, I., Gushikem, Y., Kholin, Y. Hybrid silica-organic material with immobilized amino groups: Surface probing and use for electrochemical determination of nitrite</p>

				<p>Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930639846&amp;doi=10.5935%2f0103-5053.20150080&amp;partnerID=40&amp;md5=44edcfc81f10da20a9f9915faa7859ed">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930639846&amp;doi=10.5935%2f0103-5053.20150080&amp;partnerID=40&amp;md5=44edcfc81f10da20a9f9915faa7859ed</a>  DOI: 10.5935/0103-5053.20150080</p> <p>4. Tkachenko, O., Rahim, A., Baraban, A., Sukhov, R., Khristenko, I., Gushikem, Y., Kholin, Y. Hybrid silica-organic material with immobilized amino groups: Surface probing and use for electrochemical determination of nitrite ions(2013) Journal of Sol-Gel Science and Technology, 67 (1), pp. 145-154.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881008919&amp;doi=10.1007%2fs10971-013-3060-3&amp;partnerID=40&amp;md5=39ca612e0af419d279aeec80ba3c83a7DOI:10.1007/s10971-013-3060-3">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881008919&amp;doi=10.1007%2fs10971-013-3060-3&amp;partnerID=40&amp;md5=39ca612e0af419d279aeec80ba3c83a7DOI:10.1007/s10971-013-3060-3</a></p> <p>5. Baraban, A.Y., Ivanov, V.V., Khristenko, I.V., Kholin, Y.V. Quantum chemical calculations for the hydration of model silica modified by aliphatic amines(2012) Russian Journal of Physical Chemistry A, 86 (2), pp. 244-251.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856204283&amp;doi=10.1134%2fS0036024412020057&amp;partnerID=40&amp;md5=ac5a20030620c53520f3b4b615008840DOI:10.1134/S0036024412020057">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856204283&amp;doi=10.1134%2fS0036024412020057&amp;partnerID=40&amp;md5=ac5a20030620c53520f3b4b615008840DOI:10.1134/S0036024412020057</a></p>		<p>ions(2013) Journal of Sol-Gel Science and Technology, 67 (1), pp. 145-154. DOI: 10.1007/s10971-013-3060-3</p> <p>5. Baraban, A.Y., Ivanov, V.V., Khristenko, I.V., Kholin, Y.V. Quantum chemical calculations for the hydration of model silica modified by aliphatic amines(2012) Russian Journal of Physical Chemistry A, 86 (2), pp. 244-251. DOI: 10.1134/S0036024412020057</p>
Хімічний	Хімічної метрології	Решетняк Олена Олександрівна	8	<p>1. Reshetnyak, E.A., Nemets, N.N., Shugaj, E.A., Chernyshova, O.S. Extraction-photometric and visual-test determination of boron in underground local-water of oil and gas condensate fields(2018) Methods and Objects of Chemical Analysis, 13 (2), pp. 85-89.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058846365&amp;doi=10.17721%2fmoca.2018.85-89&amp;partnerID=40&amp;md5=b459acec402b44e334c6b1f0f47b4467DOI:10.17721/moca.2018.85-89">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058846365&amp;doi=10.17721%2fmoca.2018.85-89&amp;partnerID=40&amp;md5=b459acec402b44e334c6b1f0f47b4467DOI:10.17721/moca.2018.85-89</a></p> <p>2. Reshetnyak, E.A., Ostrovskaya, V.M., Goloviznina, K.V., Kamneva, N.N. Influence of tetraalkylammonium halides on analytical properties of universal acid-base indicator paper(2017) Journal of Molecular Liquids, 248, pp. 610-615.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032282627&amp;doi=10.1016%2fj.molliq.2017.10.019&amp;partnerID=40&amp;md5=5ede03e932a654f3bd3a369a49336fdDOI:10.1016/j.molliq.2017.10.019">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032282627&amp;doi=10.1016%2fj.molliq.2017.10.019&amp;partnerID=40&amp;md5=5ede03e932a654f3bd3a369a49336fdDOI:10.1016/j.molliq.2017.10.019</a></p> <p>3. Konovalova, O.Y., Reshetnyak, E.A., Pochinok, T.B., Anisimovich, P.V., Nikitina, N.A., Ivchenko, N.V. Solvatochromic and protolytic properties of the indicators in the solidified gelatin gel medium(2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 529, pp. 26-32.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019718514&amp;doi=10.1016%2fj.colsurfa.2017.05.035&amp;partnerID=40&amp;md5=9b1047963861c10287c167a08884125dDOI:10.1016/j.colsurfa.2017.05.035">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019718514&amp;doi=10.1016%2fj.colsurfa.2017.05.035&amp;partnerID=40&amp;md5=9b1047963861c10287c167a08884125dDOI:10.1016/j.colsurfa.2017.05.035</a></p> <p>4. Reshetnyak, E.A., Solokha, A.Yu., Khadzhikova, A.A., Panteleimonov, A.V. Samples of comparison for visual binary testing of p-chloro-Aniline as impurity in substance chlorhexidine digluconate(2017) Methods and Objects of Chemical Analysis, 12 (3), pp. 123-129.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044214411&amp;doi=10.17721%2fmoca.2017.123-129&amp;partnerID=40&amp;md5=c2e97a2069272e8112ef6cf66c226DOI:10.17721/moca.2017.123-129">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044214411&amp;doi=10.17721%2fmoca.2017.123-129&amp;partnerID=40&amp;md5=c2e97a2069272e8112ef6cf66c226DOI:10.17721/moca.2017.123-129</a></p>	7	<p>1. Reshetnyak, E.A., Nemets, N.N., Shugaj, E.A., Chernyshova, O.S. Extraction-photometric and visual-test determination of boron in underground local-water of oil and gas condensate fields(2018) Methods and Objects of Chemical Analysis, 13 (2), pp. 85-89. DOI: 10.17721/moca.2018.85-89</p> <p>2. Reshetnyak, E.A., Ostrovskaya, V.M., Goloviznina, K.V., Kamneva, N.N. Influence of tetraalkylammonium halides on analytical properties of universal acid-base indicator paper(2017) Journal of Molecular Liquids, 248, pp. 610-615. DOI: 10.1016/j.molliq.2017.10.019</p> <p>3. Konovalova, O.Y., Reshetnyak, E.A., Pochinok, T.B., Anisimovich, P.V., Nikitina, N.A., Ivchenko, N.V. Solvatochromic and protolytic properties of the indicators in the solidified gelatin gel medium(2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 529, pp. 26-32. DOI: 10.1016/j.colsurfa.2017.05.035</p> <p>4. Reshetnyak, E.A., Solokha, A.Yu., Khadzhikova, A.A., Panteleimonov, A.V. Samples of comparison for visual binary testing of p-chloro-Aniline as impurity in substance chlorhexidine digluconate(2017) Methods and Objects of Chemical Analysis, 12 (3), pp. 123-129. DOI: 10.17721/moca.2017.123-129</p> <p>5. Reshetnyak, E.A., Chernyshova, O.S., Mchedlov-Petrosyan, N.O. Premicellar aggregation in water-salt solutions of sodium alkyl sulfonates and dodecyl sulfate (2016) Colloid Journal, 78 (5), pp. 647-651. DOI: 10.1134/S1061933X16050124</p> <p>6. Reshetnyak, E.A., Chernysheva, O.S., Nikitina, N.A., Loginova, L.P., Mchedlov-Petrosyan, N.O. Activity coefficients of alkyl sulfate and alkylsulfonate ions in aqueous and water-salt premicellar solutions(2014) Colloid Journal, 76 (3), pp. 358-365. DOI: 10.1134/S1061933X14030132</p> <p>7. Reshetnyak, E.A., Ivchenko, N.V., Nikitina, N.A. Photometric determination of aqueous cobalt (II), nickel (II), copper (II) and iron (III) with 1-nitroso-2-naphthol-3,6-disulfonic acid disodium salt in gelatin films(2012)</p>



				<p>5. Snizhko, D.V., Sushko, O.A., Reshetnyak, E.A., Shtofel, D.H., Zyska, T., Smolarz, A., Mussabekov, N., Kalizhanova, A. Colorimeter based on color sensor [Kolorymetr zbudowany z wykorzystaniem czujnika koloru] (2017) <i>Przeład Elektrotechniczny</i>, 93 (5), pp. 96-101.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019014611&amp;doi=10.15199%2f48.2017.05.19&amp;partnerID=40&amp;md5=bb68ad18201b93f83d50da3b48f7deb5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019014611&amp;doi=10.15199%2f48.2017.05.19&amp;partnerID=40&amp;md5=bb68ad18201b93f83d50da3b48f7deb5</a> DOI: 10.15199/48.2017.05.19</p> <p>6. Reshetnyak, E.A., Chernyshova, O.S., Mchedlov-Petrosyan, N.O. Premicellar aggregation in water-salt solutions of sodium alkyl sulfonates and dodecyl sulfate (2016) <i>Colloid Journal</i>, 78 (5), pp. 647-651.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988735789&amp;doi=10.1134%2fS1061933X16050124&amp;partnerID=40&amp;md5=fcf923a789bc4be28a5d082c562d95a">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988735789&amp;doi=10.1134%2fS1061933X16050124&amp;partnerID=40&amp;md5=fcf923a789bc4be28a5d082c562d95a</a> DOI: 10.1134/S1061933X16050124</p> <p>7. Reshetnyak, E.A., Chernysheva, O.S., Nikitina, N.A., Loginova, L.P., Mchedlov-Petrosyan, N.O. Activity coefficients of alkyl sulfate and alkylsulfonate ions in aqueous and water-salt premicellar solutions (2014) <i>Colloid Journal</i>, 76 (3), pp. 358-365. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903137629&amp;doi=10.1134%2fS1061933X14030132&amp;partnerID=40&amp;md5=0506784f4bad97c5c9a1fdcbcd36aa0d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84903137629&amp;doi=10.1134%2fS1061933X14030132&amp;partnerID=40&amp;md5=0506784f4bad97c5c9a1fdcbcd36aa0d</a> DOI: 10.1134/S1061933X14030132</p> <p>8. Reshetnyak, E.A., Ivchenko, N.V., Nikitina, N.A. Photometric determination of aqueous cobalt (II), nickel (II), copper (II) and iron (III) with 1-nitroso-2-naphthol-3,6-disulfonic acid disodium salt in gelatin films (2012) <i>Central European Journal of Chemistry</i>, 10 (5), pp. 1617-1623.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867060343&amp;doi=10.2478%2fS11532-012-0081-7&amp;partnerID=40&amp;md5=747c6d1030316390f47d7aeccdf954b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867060343&amp;doi=10.2478%2fS11532-012-0081-7&amp;partnerID=40&amp;md5=747c6d1030316390f47d7aeccdf954b</a> DOI: 10.2478/s11532-012-0081-7</p>		<p>Central European Journal of Chemistry, 10 (5), pp. 1617-1623. DOI: 10.2478/s11532-012-0081-7</p>
Хімічний	Неорганічної хімії	Корсун Олександр Миколайович	6	<p>1. Koverga, Volodymyr A.; Korsun, Oleksandr M.; Kalugin, Oleg N. A new potential model for acetonitrile: Insight into the local structure organization. <i>Journal of Molecular Liquids</i>, 2017, 233, 251-261 (10.1016/j.molliq.2017.03.025).</p> <p>2. Korsun, Oleksandr M.; Kalugin, Oleg N.; Vasenko, Andrey S. Electronic Properties of Carbon Nanotubes Intercalated with Li<sup>+</sup> and Mg<sup>2+</sup>: Effects of Ion Charge and Ion Solvation. <i>Journal of Physical Chemistry C</i>, 2016, 120, 46, 26514-26521.</p> <p>3. Korsun, Oleksandr M.; Kalugin, Oleg N.; Fritsky, Igor O. Ion Association in Aprotic Solvents for Lithium Ion Batteries Requires Discrete-Continuum Approach: Lithium Bis(oxalato)borate in Ethylene Carbonate Based Mixtures. <i>Journal of Physical Chemistry C</i>, 2015, 120, 30, 16545-16552.</p> <p>4. Kyrychenko, Alexander; Korsun, Oleksandr M.; Gubin, Iurii I. Atomistic Simulations of Coating of Silver Nanoparticles with Poly(vinylpyrrolidone) Oligomers: Effect of Oligomer Chain Length. <i>Journal of Physical Chemistry C</i>, 119, 14, 7888-7899.</p> <p>5. Korsun, Oleksandr M.; Kalugin, Oleg N.; Prezhdo, Oleg V. Control of Carbon Nanotube Electronic Properties by Lithium Cation Intercalation. <i>Journal of Physical Chemistry Letters</i>, 2014, 5, 23, 4129-4133.</p>	6	<p>1. Koverga, Volodymyr A.; Korsun, Oleksandr M.; Kalugin, Oleg N. A new potential model for acetonitrile: Insight into the local structure organization. <i>Journal of Molecular Liquids</i>, 2017, 233, 251-261 (10.1016/j.molliq.2017.03.025).</p> <p>2. Korsun, Oleksandr M.; Kalugin, Oleg N.; Vasenko, Andrey S. Electronic Properties of Carbon Nanotubes Intercalated with Li<sup>+</sup> and Mg<sup>2+</sup>: Effects of Ion Charge and Ion Solvation. <i>Journal of Physical Chemistry C</i>, 2016, 120, 46, 26514-26521.</p> <p>3. Korsun, Oleksandr M.; Kalugin, Oleg N.; Fritsky, Igor O. Ion Association in Aprotic Solvents for Lithium Ion Batteries Requires Discrete-Continuum Approach: Lithium Bis(oxalato)borate in Ethylene Carbonate Based Mixtures. <i>Journal of Physical Chemistry C</i>, 2015, 120, 30, 16545-16552.</p> <p>4. Kyrychenko, Alexander; Korsun, Oleksandr M.; Gubin, Iurii I. Atomistic Simulations of Coating of Silver Nanoparticles with Poly(vinylpyrrolidone) Oligomers: Effect of Oligomer Chain Length. <i>Journal of Physical Chemistry C</i>, 119, 14, 7888-7899.</p> <p>5. Korsun, Oleksandr M.; Kalugin, Oleg N.; Prezhdo, Oleg V. Control of Carbon Nanotube Electronic Properties by Lithium Cation Intercalation. <i>Journal of Physical Chemistry Letters</i>, 2014, 5, 23, 4129-4133.</p>

				6. Golenya, Irina A.; Korsun, A.N.; Gumienna-Kontecka, Elzbieta; Haukka, Matti. Copper(II) complexes of 3-and 4-picolinedihydroxamic acids: from mononuclear compounds to 1D-and 2D-coordination polymers. Crystengcomm, 2014, 16, 10, 1904-1918.		6. Golenya, Irina A.; Korsun, A.N.; Gumienna-Kontecka, Elzbieta; Haukka, Matti. Copper(II) complexes of 3-and 4-picolinedihydroxamic acids: from mononuclear compounds to 1D-and 2D-coordination polymers. Crystengcomm, 2014, 16, 10, 1904-1918.
Хімічний	Фізичної хімії	Чейпеш Тетяна Олександрівна	11	<p>1. Protsenko, V.S., Tsurkan, A.V., Vasil'eva, E.A., Baskevich, A.S., Korniy, S.A., Cheipesh, T.O., Danilov, F.I. Fabrication and characterization of multifunctional Fe/TiO<sub>2</sub> composite coatings (2018) <i>Materials Research Bulletin</i>, 100, pp. 32-41. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041445903&amp;doi=10.1016%2Fj.materresbull.2017.11.051&amp;partnerID=40&amp;md5=99233d94140a5a79099abcabe2a2f865">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041445903&amp;doi=10.1016%2Fj.materresbull.2017.11.051&amp;partnerID=40&amp;md5=99233d94140a5a79099abcabe2a2f865</a> DOI: 10.1016/j.materresbull.2017.11.051</p> <p>2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., Cheipesh, T.A., Roshal, A.D., Zibarov, A.M., Shestopalova, A.V., Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures (2018) <i>Radiation Physics and Chemistry</i>, 144, pp. 231-237. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028363619&amp;doi=10.1016%2Fj.radphyschem.2017.08.019&amp;partnerID=40&amp;md5=a723bbe4849f070cb42825573bd7934c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028363619&amp;doi=10.1016%2Fj.radphyschem.2017.08.019&amp;partnerID=40&amp;md5=a723bbe4849f070cb42825573bd7934c</a> DOI: 10.1016/j.radphyschem.2017.08.019</p> <p>3. Danilov, F.I., Tsurkan, A.V., Vasil'eva, E.A., Korniy, S.A., Cheipesh, T.A., Protsenko, V.S. Electrochemical synthesis and properties of iron-titanium dioxide composite coatings (2017) <i>Russian Journal of Applied Chemistry</i>, 90 (7), pp. 1148-1153. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034250339&amp;doi=10.1134%2FS1070427217070199&amp;partnerID=40&amp;md5=b0c499fe68a9419078d7aa902c13ac3b">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034250339&amp;doi=10.1134%2FS1070427217070199&amp;partnerID=40&amp;md5=b0c499fe68a9419078d7aa902c13ac3b</a> DOI: 10.1134/S1070427217070199</p> <p>4. Mchedlov-Petrossyan, N.O., Laguta, A.N., Shekhovtsov, S.V., Eltsov, S.V., Cheipesh, T.A., Omelchenko, I.V., Shishkin, O.V. 3,3'-Dinitrophenolsulphonophthalein: an acid-base indicator dye with unusual properties (2017) <i>Coloration Technology</i>, 133 (2), pp. 135-144. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&amp;doi=10.1111%2Fcote.12254&amp;partnerID=40&amp;md5=9275083beb93ea66ba1c40a0a8a2849">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006721967&amp;doi=10.1111%2Fcote.12254&amp;partnerID=40&amp;md5=9275083beb93ea66ba1c40a0a8a2849</a> DOI: 10.1111/cote.12254</p> <p>5. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Vodolazkaya, N.A. Acid-base dissociation and tautomerism of two aminofluorescein dyes in solution (2017) <i>Journal of Molecular Liquids</i>, 225, pp. 696-705. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&amp;doi=10.1016%2Fj.molliq.2016.10.121&amp;partnerID=40&amp;md5=ed2a67745cc758f31c701c307cb15945">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007087202&amp;doi=10.1016%2Fj.molliq.2016.10.121&amp;partnerID=40&amp;md5=ed2a67745cc758f31c701c307cb15945</a> DOI: 10.1016/j.molliq.2016.10.121</p> <p>6. Tsurkan, A.V., Vasil'eva, E.A., Cheipesh, T.O., Korniy, S.A., Protsenko, V.S., Danilov, F.I. Electrodeposition of composite Fe-TiO<sub>2</sub> electrodeposits from colloidal electrolyte (2017) <i>Voprosy Khimii i Khimicheskoi Tekhnologii</i>, (5), pp. 19-26. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034629786&amp;partnerID=40&amp;md5=2b98b1a88ff934db8044f26cef992762">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034629786&amp;partnerID=40&amp;md5=2b98b1a88ff934db8044f26cef992762</a></p> <p>7. Beynik, T.G., Matveevska, N.A., Dobrotvorska, M.V., Mateychenko, P.V., Danilenko, M.I., Cheipesh, T.O., Kosyanov, D.Yu., Vormovskikh, A.A., Kuryavyi, V.G. Fabrication and properties of gold nanostars and film structures based on them (2017) <i>Nanosistemi, Nanomateriali, Nanotekhnologii</i>, 15 (3), pp. 417-429. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035799541&amp;partnerID=40&amp;md5=e060ee92bde56b553f195b86d6363148">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85035799541&amp;partnerID=40&amp;md5=e060ee92bde56b553f195b86d6363148</a></p>	9	<p>1. Protsenko, V.S., Tsurkan, A.V., Vasil'eva, E.A., Baskevich, A.S., Korniy, S.A., Cheipesh, T.O., Danilov, F.I. Fabrication and characterization of multifunctional Fe/TiO<sub>2</sub> composite coatings (2018) <i>Materials Research Bulletin</i>, 100, pp. 32-41. DOI: 10.1016/j.materresbull.2017.11.051</p> <p>2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., Cheipesh, T.A., Roshal, A.D., Zibarov, A.M., Shestopalova, A.V., Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures (2018) <i>Radiation Physics and Chemistry</i>, 144, pp. 231-237. DOI: 10.1016/j.radphyschem.2017.08.019</p> <p>3. Danilov, F.I., Tsurkan, A.V., Vasil'eva, E.A., Korniy, S.A., Cheipesh, T.A., Protsenko, V.S. Electrochemical synthesis and properties of iron-titanium dioxide composite coatings (2017) <i>Russian Journal of Applied Chemistry</i>, 90 (7), pp. 1148-1153. DOI: 10.1134/S1070427217070199</p> <p>4. Mchedlov-Petrossyan, N.O., Laguta, A.N., Shekhovtsov, S.V., Eltsov, S.V., Cheipesh, T.A., Omelchenko, I.V., Shishkin, O.V. 3,3'-Dinitrophenolsulphonophthalein: an acid-base indicator dye with unusual properties (2017) <i>Coloration Technology</i>, 133 (2), pp. 135-144. DOI: 10.1111/cote.12254</p> <p>5. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Vodolazkaya, N.A. Acid-base dissociation and tautomerism of two aminofluorescein dyes in solution (2017) <i>Journal of Molecular Liquids</i>, 225, pp. 696-705. DOI: 10.1016/j.molliq.2016.10.121</p> <p>6. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Roshal, A.D., Doroshenko, A.O., Vodolazkaya, N.A. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates (2016) <i>Methods and Applications in Fluorescence</i>, 4 (3), статья № 034002, DOI: 10.1088/2050-6120/4/3/034002</p> <p>7. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Shekhovtsov, S.V., Redko, A.N., Rybachenko, V.I., Omelchenko, I.V., Shishkin, O.V. Ionization and tautomerism of methyl fluorescein and related dyes (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i>, 150, статья № 13704, pp. 151-161. DOI: 10.1016/j.saa.2015.05.037</p> <p>8. Cheipesh, T.A., Zagorulko, E.S., Mchedlov-Petrossyan, N.O., Rodik, R.V., Kalchenko, V.I. The difference between the aggregates of short-tailed and long-tailed cationic calix[4]arene in water as detected using fluorescein dyes (2014) <i>Journal of Molecular Liquids</i>, 193, pp. 232-238. DOI: 10.1016/j.molliq.2013.12.049</p> <p>9. Mchedlov-Petrossyan, N.O., Vodolazkaya, N.A., Rodik, R.V., Bogdanova, L.N., Cheipesh, T.A., Soboleva, O.Y., Kryshtal, A.P., Kutuzova, L.V., Kalchenko, V.I. Colloidal nature of cationic calix[6]arene aqueous solutions (2012) <i>Journal of Physical Chemistry C</i>, 116 (18), pp. 10245-10259. DOI: 10.1021/jp210405s</p>

				<p>8. McHedlov-Petrossyan, N.O., Cheipesh, T.A., Roshal, A.D., Doroshenko, A.O., Vodolazkaya, N.A. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates (2016) <i>Methods and Applications in Fluorescence</i>, 4 (3), статья № 034002, .  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2f2050-6120%2f4%2f3%2f034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00DOI: 10.1088/2050-6120/4/3/034002">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007080108&amp;doi=10.1088%2f2050-6120%2f4%2f3%2f034002&amp;partnerID=40&amp;md5=b0d978fd71e399119c4c935faf3e2b00DOI: 10.1088/2050-6120/4/3/034002</a></p> <p>9. Mchedlov-Petrossyan, N.O., Cheipesh, T.A., Shekhovtsov, S.V., Redko, A.N., Rybachenko, V.I., Omelchenko, I.V., Shishkin, O.V. Ionization and tautomerism of methyl fluorescein and related dyes (2015) <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i>, 150, статья № 13704, pp. 151-161. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&amp;doi=10.1016%2fj.saa.2015.05.037&amp;partnerID=40&amp;md5=8fc3d020c32ce1010c85b6d30cca38b5DOI: 10.1016/j.saa.2015.05.037">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930679885&amp;doi=10.1016%2fj.saa.2015.05.037&amp;partnerID=40&amp;md5=8fc3d020c32ce1010c85b6d30cca38b5DOI: 10.1016/j.saa.2015.05.037</a></p> <p>10. Cheipesh, T.A., Zagorulko, E.S., McHedlov-Petrossyan, N.O., Rodik, R.V., Kalchenko, V.I. The difference between the aggregates of short-tailed and long-tailed cationic calix[4]arene in water as detected using fluorescein dyes (2014) <i>Journal of Molecular Liquids</i>, 193, pp. 232-238.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892934413&amp;doi=10.1016%2fj.molliq.2013.12.049&amp;partnerID=40&amp;md5=b9d3a0b47d320ea4c7ebd0e20b69a357DOI: 10.1016/j.molliq.2013.12.049">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892934413&amp;doi=10.1016%2fj.molliq.2013.12.049&amp;partnerID=40&amp;md5=b9d3a0b47d320ea4c7ebd0e20b69a357DOI: 10.1016/j.molliq.2013.12.049</a></p> <p>11. McHedlov-Petrossyan, N.O., Vodolazkaya, N.A., Rodik, R.V., Bogdanova, L.N., Cheipesh, T.A., Soboleva, O.Y., Kryshtal, A.P., Kutuzova, L.V., Kalchenko, V.I. Colloidal nature of cationic calix[6]arene aqueous solutions (2012) <i>Journal of Physical Chemistry C</i>, 116 (18), pp. 10245-10259.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&amp;doi=10.1021%2fjp210405s&amp;partnerID=40&amp;md5=dd98c6515df18bc5b3aca5916d75eddeDOI: 10.1021/jp210405s">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861056078&amp;doi=10.1021%2fjp210405s&amp;partnerID=40&amp;md5=dd98c6515df18bc5b3aca5916d75eddeDOI: 10.1021/jp210405s</a></p>		
Хімічний	Фізичної хімії	Фарафонов Володимир Сергійович	10	<p>1. Tarasova, E., Farafonov, V., Taiji, M., Nerukh, D. Details of charge distribution in stable viral capsid (2018) <i>Journal of Molecular Liquids</i>, 265, pp. 585-591. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048724004&amp;doi=10.1016%2fj.molliq.2018.06.019&amp;partnerID=40&amp;md5=3c04e2fff3deb768ff1c82891837e4b7DOI: 10.1016/j.molliq.2018.06.019">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048724004&amp;doi=10.1016%2fj.molliq.2018.06.019&amp;partnerID=40&amp;md5=3c04e2fff3deb768ff1c82891837e4b7DOI: 10.1016/j.molliq.2018.06.019</a></p> <p>2. Mchedlov-Petrossyan, N.O., Farafonov, V.S., Lebed, A.V. Examining surfactant micelles via acid-base indicators: Revisiting the pioneering Hartley-Roe 1940 study by molecular dynamics modeling (2018) <i>Journal of Molecular Liquids</i>, 264, pp. 683-690. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047620437&amp;doi=10.1016%2fj.molliq.2018.05.076&amp;partnerID=40&amp;md5=fc6747f6273c2e7ab0ee088a75152bbbDOI: 10.1016/j.molliq.2018.05.076">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047620437&amp;doi=10.1016%2fj.molliq.2018.05.076&amp;partnerID=40&amp;md5=fc6747f6273c2e7ab0ee088a75152bbbDOI: 10.1016/j.molliq.2018.05.076</a></p> <p>3. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrossyan, N.O. Solvatochromic betaine dyes of different hydrophobicity in ionic surfactant micelles: Molecular dynamics modeling of location character (2018) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 538, pp. 583-592.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034734251&amp;doi=10.1016%2fj.colsurfa.2017.11.046&amp;partnerID=40&amp;md5=05d4049485fd75040b48a88ecd6945e1DOI: 10.1016/j.colsurfa.2017.11.046">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034734251&amp;doi=10.1016%2fj.colsurfa.2017.11.046&amp;partnerID=40&amp;md5=05d4049485fd75040b48a88ecd6945e1DOI: 10.1016/j.colsurfa.2017.11.046</a></p>	9	<p>1. Tarasova, E., Farafonov, V., Taiji, M., Nerukh, D. Details of charge distribution in stable viral capsid (2018) <i>Journal of Molecular Liquids</i>, 265, pp. 585-591. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048724004&amp;doi=10.1016%2fj.molliq.2018.06.019&amp;partnerID=40&amp;md5=3c04e2fff3deb768ff1c82891837e4b7DOI: 10.1016/j.molliq.2018.06.019">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048724004&amp;doi=10.1016%2fj.molliq.2018.06.019&amp;partnerID=40&amp;md5=3c04e2fff3deb768ff1c82891837e4b7DOI: 10.1016/j.molliq.2018.06.019</a></p> <p>2. Mchedlov-Petrossyan, N.O., Farafonov, V.S., Lebed, A.V. Examining surfactant micelles via acid-base indicators: Revisiting the pioneering Hartley-Roe 1940 study by molecular dynamics modeling (2018) <i>Journal of Molecular Liquids</i>, 264, pp. 683-690. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047620437&amp;doi=10.1016%2fj.molliq.2018.05.076&amp;partnerID=40&amp;md5=fc6747f6273c2e7ab0ee088a75152bbbDOI: 10.1016/j.molliq.2018.05.076">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047620437&amp;doi=10.1016%2fj.molliq.2018.05.076&amp;partnerID=40&amp;md5=fc6747f6273c2e7ab0ee088a75152bbbDOI: 10.1016/j.molliq.2018.05.076</a></p> <p>3. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrossyan, N.O. Solvatochromic betaine dyes of different hydrophobicity in ionic surfactant micelles: Molecular dynamics modeling of location character (2018) <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 538, pp. 583-592.  <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034734251&amp;doi=10.1016%2fj.colsurfa.2017.11.046&amp;partnerID=40&amp;md5=05d4049485fd75040b48a88ecd6945e1DOI: 10.1016/j.colsurfa.2017.11.046">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034734251&amp;doi=10.1016%2fj.colsurfa.2017.11.046&amp;partnerID=40&amp;md5=05d4049485fd75040b48a88ecd6945e1DOI: 10.1016/j.colsurfa.2017.11.046</a></p>

				<p>4. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrosyan, N.O. Examining solvatochromic Reichardt's dye in cationic micelles of different size via molecular dynamics (2018) <i>Voprosy Khimii i Khimicheskoi Tekhnologii</i>, (5), pp. 62-68. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055247446&amp;partnerID=40&amp;md5=0c715a82d063479f29519ba819ba5705">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055247446&amp;partnerID=40&amp;md5=0c715a82d063479f29519ba819ba5705</a></p> <p>5. Tarasova, E., Korotkin, I., Farafonov, V., Karabasov, S., Nerukh, D. Complete virus capsid at all-atom resolution: Simulations using molecular dynamics and hybrid molecular dynamics/hydrodynamics methods reveal semipermeable membrane function (2017) <i>Journal of Molecular Liquids</i>, 245, pp. 109-114. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021802588&amp;doi=10.1016%2Fj.molliq.2017.06.124&amp;partnerID=40&amp;md5=9cc93fa86f664118b61faeb36cf366e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021802588&amp;doi=10.1016%2Fj.molliq.2017.06.124&amp;partnerID=40&amp;md5=9cc93fa86f664118b61faeb36cf366e</a> DOI: 10.1016/j.molliq.2017.06.124</p> <p>6. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrosyan, N.O. Character of Localization and Microenvironment of Solvatochromic Reichardt's Betaine Dye in Sodium n-Dodecyl Sulfate and Cetyltrimethylammonium Bromide Micelles: Molecular Dynamics Simulation Study (2017) <i>Langmuir</i>, 33 (33), pp. 8342-8352. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027882369&amp;doi=10.1021%2Facs.langmuir.7b01737&amp;partnerID=40&amp;md5=a06398e3d1af89aef9c85cd091c2a312">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027882369&amp;doi=10.1021%2Facs.langmuir.7b01737&amp;partnerID=40&amp;md5=a06398e3d1af89aef9c85cd091c2a312</a> DOI: 10.1021/acs.langmuir.7b01737</p> <p>7. Farafonov, V.S., Lebed, A.V. Developing and Validating a Set of All-Atom Potential Models for Sodium Dodecyl Sulfate (2017) <i>Journal of Chemical Theory and Computation</i>, 13 (6), pp. 2742-2750. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020712483&amp;doi=10.1021%2Facs.jctc.7b00181&amp;partnerID=40&amp;md5=60244bf4ae316360cb4ed9c974cfb724">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020712483&amp;doi=10.1021%2Facs.jctc.7b00181&amp;partnerID=40&amp;md5=60244bf4ae316360cb4ed9c974cfb724</a> DOI: 10.1021/acs.jctc.7b00181</p> <p>8. Tarasova, E., Farafonov, V., Khayat, R., Okimoto, N., Komatsu, T.S., Taiji, M., Nerukh, D. All-Atom Molecular Dynamics Simulations of Entire Virus Capsid Reveal the Role of Ion Distribution in Capsid's Stability (2017) <i>Journal of Physical Chemistry Letters</i>, 8 (4), pp. 779-784. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013059451&amp;doi=10.1021%2Facs.jpcllett.6b02759&amp;partnerID=40&amp;md5=dcd4eed1e5051899d499a1ea0b7093a7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013059451&amp;doi=10.1021%2Facs.jpcllett.6b02759&amp;partnerID=40&amp;md5=dcd4eed1e5051899d499a1ea0b7093a7</a> DOI: 10.1021/acs.jpcllett.6b02759</p> <p>9. Korotkin, I., Nerukh, D., Tarasova, E., Farafonov, V., Karabasov, S. Two-phase flow analogy as an effective boundary condition for modelling liquids at atomistic resolution (2016) <i>Journal of Computational Science</i>, 17, pp. 446-456. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975458121&amp;doi=10.1016%2Fj.jocs.2016.03.012&amp;partnerID=40&amp;md5=fd2a94e85ad8dbe5958e2b4aaa6cb94c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975458121&amp;doi=10.1016%2Fj.jocs.2016.03.012&amp;partnerID=40&amp;md5=fd2a94e85ad8dbe5958e2b4aaa6cb94c</a> DOI: 10.1016/j.jocs.2016.03.012</p> <p>10. Korotkin, I., Karabasov, S., Nerukh, D., Markesteijn, A., Scukins, A., Farafonov, V., Pavlov, E. A hybrid molecular dynamics/fluctuating hydrodynamics method for modelling liquids at multiple scales in space and time (2015) <i>Journal of Chemical Physics</i>, 143 (1), статья № 014110, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936876921&amp;doi=10.1063%2F1.4923011&amp;partnerID=40&amp;md5=aff7126660c5d1b960228b9d0232f772">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936876921&amp;doi=10.1063%2F1.4923011&amp;partnerID=40&amp;md5=aff7126660c5d1b960228b9d0232f772</a> DOI: 10.1063/1.4923011</p>	<p>4049485fd75040b48a88ecd6945e1 DOI: 10.1016/j.colsurfa.2017.11.046</p> <p>4. Tarasova, E., Korotkin, I., Farafonov, V., Karabasov, S., Nerukh, D. Complete virus capsid at all-atom resolution: Simulations using molecular dynamics and hybrid molecular dynamics/hydrodynamics methods reveal semipermeable membrane function (2017) <i>Journal of Molecular Liquids</i>, 245, pp. 109-114. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021802588&amp;doi=10.1016%2Fj.molliq.2017.06.124&amp;partnerID=40&amp;md5=9cc93fa86f664118b61faeb36cf366e">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021802588&amp;doi=10.1016%2Fj.molliq.2017.06.124&amp;partnerID=40&amp;md5=9cc93fa86f664118b61faeb36cf366e</a> DOI: 10.1016/j.molliq.2017.06.124</p> <p>5. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrosyan, N.O. Character of Localization and Microenvironment of Solvatochromic Reichardt's Betaine Dye in Sodium n-Dodecyl Sulfate and Cetyltrimethylammonium Bromide Micelles: Molecular Dynamics Simulation Study (2017) <i>Langmuir</i>, 33 (33), pp. 8342-8352. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027882369&amp;doi=10.1021%2Facs.langmuir.7b01737&amp;partnerID=40&amp;md5=a06398e3d1af89aef9c85cd091c2a312">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027882369&amp;doi=10.1021%2Facs.langmuir.7b01737&amp;partnerID=40&amp;md5=a06398e3d1af89aef9c85cd091c2a312</a> DOI: 10.1021/acs.langmuir.7b01737</p> <p>6. Farafonov, V.S., Lebed, A.V. Developing and Validating a Set of All-Atom Potential Models for Sodium Dodecyl Sulfate (2017) <i>Journal of Chemical Theory and Computation</i>, 13 (6), pp. 2742-2750. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020712483&amp;doi=10.1021%2Facs.jctc.7b00181&amp;partnerID=40&amp;md5=60244bf4ae316360cb4ed9c974cfb724">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020712483&amp;doi=10.1021%2Facs.jctc.7b00181&amp;partnerID=40&amp;md5=60244bf4ae316360cb4ed9c974cfb724</a> DOI: 10.1021/acs.jctc.7b00181</p> <p>7. Tarasova, E., Farafonov, V., Khayat, R., Okimoto, N., Komatsu, T.S., Taiji, M., Nerukh, D. All-Atom Molecular Dynamics Simulations of Entire Virus Capsid Reveal the Role of Ion Distribution in Capsid's Stability (2017) <i>Journal of Physical Chemistry Letters</i>, 8 (4), pp. 779-784. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013059451&amp;doi=10.1021%2Facs.jpcllett.6b02759&amp;partnerID=40&amp;md5=dcd4eed1e5051899d499a1ea0b7093a7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013059451&amp;doi=10.1021%2Facs.jpcllett.6b02759&amp;partnerID=40&amp;md5=dcd4eed1e5051899d499a1ea0b7093a7</a> DOI: 10.1021/acs.jpcllett.6b02759</p> <p>8. Korotkin, I., Nerukh, D., Tarasova, E., Farafonov, V., Karabasov, S. Two-phase flow analogy as an effective boundary condition for modelling liquids at atomistic resolution (2016) <i>Journal of Computational Science</i>, 17, pp. 446-456. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975458121&amp;doi=10.1016%2Fj.jocs.2016.03.012&amp;partnerID=40&amp;md5=fd2a94e85ad8dbe5958e2b4aaa6cb94c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975458121&amp;doi=10.1016%2Fj.jocs.2016.03.012&amp;partnerID=40&amp;md5=fd2a94e85ad8dbe5958e2b4aaa6cb94c</a> DOI: 10.1016/j.jocs.2016.03.012</p> <p>9. Korotkin, I., Karabasov, S., Nerukh, D., Markesteijn, A., Scukins, A., Farafonov, V., Pavlov, E. A hybrid molecular dynamics/fluctuating hydrodynamics method for modelling liquids at multiple scales in space and time (2015) <i>Journal of Chemical Physics</i>, 143 (1), статья № 014110, . <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936876921&amp;doi=10.1063%2F1.4923011&amp;partnerID=40&amp;md5=aff7126660c5d1b960228b9d0232f772">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936876921&amp;doi=10.1063%2F1.4923011&amp;partnerID=40&amp;md5=aff7126660c5d1b960228b9d0232f772</a> DOI: 10.1063/1.4923011</p>	
Хімічний	Хімічної метрології	Юрченко Олег Іванович	11	<p>1. Bunina, Z.Y., Bryleva, K., Yurchenko, O., Belikov, K. Sorption materials based on ethylene glycol dimethacrylate and methacrylic acid copolymers for rare earth elements extraction from aqueous solutions (2017)</p>	10	<p>1. Cherginets, V. L.; Rebrova, Tatyana P.; Rebrov, Alexander L.; On some regularities of magnesium oxide solubility in melts with different content of alkaline earth metal chlorides. <i>JOURNAL OF CHEMICAL</i></p>

		<p>Adsorption Science and Technology, 35 (5-6), pp. 545-559. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021308059&amp;doi=10.1177%2f0263617417701455&amp;partnerID=40&amp;md5=f3ec2004dd295500ed2e5601ca767e31">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021308059&amp;doi=10.1177%2f0263617417701455&amp;partnerID=40&amp;md5=f3ec2004dd295500ed2e5601ca767e31</a>DOI: 10.1177/0263617417701455</p> <p>2. Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Yurchenko, O.I. On the behaviour of Eu oxo-species in molten NaBr–NaI (0.77:0.23) mixture at 973 K(2017) Physics and Chemistry of Liquids, 55 (2), pp. 248-253. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975282876&amp;doi=10.1080%2f00319104.2016.1198484&amp;partnerID=40&amp;md5=a5b17301cd73fa9b008b4fe06d952627">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975282876&amp;doi=10.1080%2f00319104.2016.1198484&amp;partnerID=40&amp;md5=a5b17301cd73fa9b008b4fe06d952627</a>DOI: 10.1080/00319104.2016.1198484</p> <p>3. Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Ponomarenko, T.V., Yurchenko, O.I. On some regularities of magnesium oxide solubility in melts with different content of alkaline earth metal chlorides(2017) Journal of Chemical Thermodynamics, 113, pp. 1-5. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020051790&amp;doi=10.1016%2fj.jct.2017.05.034&amp;partnerID=40&amp;md5=032ff008c00c0703dd183547263bce21">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020051790&amp;doi=10.1016%2fj.jct.2017.05.034&amp;partnerID=40&amp;md5=032ff008c00c0703dd183547263bce21</a>DOI: 10.1016/j.jct.2017.05.034</p> <p>4. Cherginets, V.L., Rebrova, T.P., Ponomarenko, T.V., Rebrov, A.L., Yurchenko, O.I., Dolzhenko, Y.I. Investigation of the course of K<sub>2</sub>SrCl<sub>4</sub> melt deoxidization with CCl<sub>4</sub> vapor(2017) Reaction Kinetics, Mechanisms and Catalysis, 120 (1), pp. 31-38. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994299200&amp;doi=10.1007%2fs11144-016-1099-1&amp;partnerID=40&amp;md5=a301ef1c469f21bd97ab78962f8b81aa">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994299200&amp;doi=10.1007%2fs11144-016-1099-1&amp;partnerID=40&amp;md5=a301ef1c469f21bd97ab78962f8b81aa</a>DOI: 10.1007/s11144-016-1099-1</p> <p>5. Boyarintsev, A.Y., Cherginets, V.L., Ponomarenko, T.V., Rebrova, T.P., Varich, A.G., Yu. Bryleva, E., Koryakina, E.M., Sheina, T.V., Varchenko, V.V., Yurchenko, O.I. On some features of low-temperature mixed crystallization of CsI solutions obtained from industrial wastes(2017) Functional Materials, 24 (4), pp. 640-648. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038628030&amp;doi=10.15407%2ffm24.04.640&amp;partnerID=40&amp;md5=76ed82a72b4571b12963c598f5f3c17c">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038628030&amp;doi=10.15407%2ffm24.04.640&amp;partnerID=40&amp;md5=76ed82a72b4571b12963c598f5f3c17c</a>DOI: 10.15407/fm24.04.640</p> <p>6. Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Ponomarenko, T.V., Yurchenko, O.I. Polythermal study of magnesium oxide solubility in molten K<sub>2</sub>SrCl<sub>4</sub>(2016) Journal of Chemical Thermodynamics, 102, pp. 248-251. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978654122&amp;doi=10.1016%2fj.jct.2016.07.019&amp;partnerID=40&amp;md5=499eda0668449b16c1f7df50131f11bf">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978654122&amp;doi=10.1016%2fj.jct.2016.07.019&amp;partnerID=40&amp;md5=499eda0668449b16c1f7df50131f11bf</a>DOI: 10.1016/j.jct.2016.07.019</p> <p>7. Yurchenko, O.I., Kalinenko, O.S., Baklanov, A.N., Belov, E.A., Baklanova, L.V. Sonoluminescence Spectroscopy as a Promising New Analytical Method(2016) Journal of Applied Spectroscopy, 83 (1), pp. 105-110. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961209247&amp;doi=10.1007%2fs10812-016-0250-0&amp;partnerID=40&amp;md5=09bd4313310963bc675435415d523c68">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961209247&amp;doi=10.1007%2fs10812-016-0250-0&amp;partnerID=40&amp;md5=09bd4313310963bc675435415d523c68</a>DOI: 10.1007/s10812-016-0250-0</p> <p>8. Yurchenko, O., Kalinenko, O., Baklanov, O., Baklanova, L. The use of ultrasound for obtaining pharmaceutical grade sodium chloride(2016) Chemistry and Chemical Technology, 10 (3), pp. 337-341. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018985731&amp;doi=10.23939%2fchcht10.03.337&amp;partnerID=40&amp;md5=d2a77a63">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018985731&amp;doi=10.23939%2fchcht10.03.337&amp;partnerID=40&amp;md5=d2a77a63</a></p>	<p>THERMODYNAMICS, 2017, 113, 1-5.</p> <p>2. Bunina, Z.Y., Bryleva, K., Yurchenko, O., Belikov, K. Sorption materials based on ethylene glycol dimethacrylate and methacrylic acid copolymers for rare earth elements extraction from aqueous solutions(2017) Adsorption Science and Technology, 35 (5-6), pp. 545-559. DOI: 10.1177/0263617417701455</p> <p>3. Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Yurchenko, O.I. On the behaviour of Eu oxo-species in molten NaBr–NaI (0.77:0.23) mixture at 973 K(2017) Physics and Chemistry of Liquids, 55 (2), pp. 248-253. DOI: 10.1080/00319104.2016.1198484</p> <p>4. Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Ponomarenko, T.V., Yurchenko, O.I. On some regularities of magnesium oxide solubility in melts with different content of alkaline earth metal chlorides(2017) Journal of Chemical Thermodynamics, 113, pp. 1-5. DOI: 10.1016/j.jct.2017.05.034</p> <p>5. Cherginets, V.L., Rebrova, T.P., Ponomarenko, T.V., Rebrov, A.L., Yurchenko, O.I., Dolzhenko, Y.I. Investigation of the course of K<sub>2</sub>SrCl<sub>4</sub> melt deoxidization with CCl<sub>4</sub> vapor(2017) Reaction Kinetics, Mechanisms and Catalysis, 120 (1), pp. 31-38. DOI: 10.1007/s11144-016-1099-1</p> <p>6. Boyarintsev, A.Y., Cherginets, V.L., Ponomarenko, T.V., Rebrova, T.P., Varich, A.G., Yu. Bryleva, E., Koryakina, E.M., Sheina, T.V., Varchenko, V.V., Yurchenko, O.I. On some features of low-temperature mixed crystallization of CsI solutions obtained from industrial wastes(2017) Functional Materials, 24 (4), pp. 640-648. DOI: 10.15407/fm24.04.640</p> <p>7. Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Ponomarenko, T.V., Yurchenko, O.I. Polythermal study of magnesium oxide solubility in molten K<sub>2</sub>SrCl<sub>4</sub>(2016) Journal of Chemical Thermodynamics, 102, pp. 248-251. DOI: 10.1016/j.jct.2016.07.019</p> <p>8. Yurchenko, O.I., Kalinenko, O.S., Baklanov, A.N., Belov, E.A., Baklanova, L.V. Sonoluminescence Spectroscopy as a Promising New Analytical Method(2016) Journal of Applied Spectroscopy, 83 (1), pp. 105-110. DOI: 10.1007/s10812-016-0250-0</p> <p>9. Yurchenko, O., Kalinenko, O., Baklanov, O., Baklanova, L. The use of ultrasound for obtaining pharmaceutical grade sodium chloride(2016) Chemistry and Chemical Technology, 10 (3), pp. 337-341. DOI: 10.23939/chcht10.03.337</p> <p>10. Cherginets, V.L., Rebrova, T.P., Naumenko, V.A., Rebrov, A.L., Yurchenko, O.I. Regularities of deep deoxidization of molten ionic chlorides in reactive gas atmosphere(2016) RSC Advances, 6 (63), pp. 58780-58785. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976542218&amp;doi=10.1039%2fc6ra11551a&amp;partnerID=40&amp;md5=79f611b63881b79fec2a12a3d0026cbc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976542218&amp;doi=10.1039%2fc6ra11551a&amp;partnerID=40&amp;md5=79f611b63881b79fec2a12a3d0026cbc</a>DOI: 10.1039/c6ra11551a</p>
--	--	--	---

			<p>6cdd305c7d29d61113f8835fDOI: 10.23939/chcht10.03.337</p> <p>9. Cherginets, V.L., Rebrova, T.P., Naumenko, V.A., Rebrov, A.L., Yurchenko, O.I. Regularities of deep deoxidization of molten ionic chlorides in reactive gas atmosphere (2016) RSC Advances, 6 (63), pp. 58780-58785. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976542218&amp;doi=10.1039%2fc6ra11551a&amp;partnerID=40&amp;md5=79f611b63881b79fec2a12a3d0026cbc">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976542218&amp;doi=10.1039%2fc6ra11551a&amp;partnerID=40&amp;md5=79f611b63881b79fec2a12a3d0026cbc</a> DOI: 10.1039/c6ra11551a</p> <p>10. Pushkarova, Y.N., Sledzevskaia, A.B., Panteleimonov, A.V., Titova, N.P., Yurchenko, O.I., Ivanov, V.V., Kholin, Y.V. Identification of water samples from different springs and rivers of Kharkiv: Comparison of methods for multivariate data analysis (2013) Moscow University Chemistry Bulletin, 68 (1), pp. 60-66. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&amp;doi=10.3103%2fS0027131412060077&amp;partnerID=40&amp;md5=563de9977cfc6550ec5abde61315ab54">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875978157&amp;doi=10.3103%2fS0027131412060077&amp;partnerID=40&amp;md5=563de9977cfc6550ec5abde61315ab54</a> DOI: 10.3103/S0027131412060077</p>		
Хімічний	Прикладної хімії	Вітушкіна Світлана Василівна	<p>9</p> <p>1. Potočňák, I., Bukrynov, O., Kliuikov, A., Čizmár, E., Vitushkina, S., Váhovská, L., Samolová, E. Low-dimensional compounds containing cyanido groups. Part XXXIV. Structure, spectral and magnetic properties of the first complex with pyridylbenzimidazole and nonlinear pseudohalide anion (2018) Zeitschrift für Kristallographie - Crystalline Materials, 233 (12), pp. 877-882. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049198243&amp;doi=10.1515%2fzkri-2018-2091&amp;partnerID=40&amp;md5=8bb244836fe34352ff4b54e89b0c6ec5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049198243&amp;doi=10.1515%2fzkri-2018-2091&amp;partnerID=40&amp;md5=8bb244836fe34352ff4b54e89b0c6ec5</a> DOI: 10.1515/zkri-2018-2091</p> <p>2. Potočňák, I., Bukrynov, O., Ráčzová, K., Čizmár, E., Vitushkina, S., Váhovská, L., Dušek, M., Á tarha, P. Low-dimensional compounds containing cyanido groups. Part XXXV. Structure, spectral, thermal and magnetic properties of a binuclear CuII<sup>2+</sup>-biquinoline complex with bridging and terminal dicyanamide ligands (2018) Acta Crystallographica Section C: Structural Chemistry, 74 (11), pp. 1469-1476. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055333485&amp;doi=10.1107%2fS205322961801375X&amp;partnerID=40&amp;md5=5487f1eaf40e02880ff0f8ad90f6fc4d">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055333485&amp;doi=10.1107%2fS205322961801375X&amp;partnerID=40&amp;md5=5487f1eaf40e02880ff0f8ad90f6fc4d</a> DOI: 10.1107/S205322961801375X</p> <p>3. Potočňák, I., Bukrynov, O., Kliuikov, A., Čizmár, E., Vitushkina, S., Váhovská, L., Dušek, M. A CuII complex with an carbamoylcyanonitrosomethanide ligand formed in situ by the nucleophilic addition of water to dicyanonitrosomethanide: structure, spectral and magnetic properties (2018) Acta Crystallographica Section C: Structural Chemistry, 74 (5), pp. 584-589. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046539156&amp;doi=10.1107%2fS2053229618005697&amp;partnerID=40&amp;md5=96335558d92b56a7f6ff10c174c87bec">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046539156&amp;doi=10.1107%2fS2053229618005697&amp;partnerID=40&amp;md5=96335558d92b56a7f6ff10c174c87bec</a> DOI: 10.1107/S2053229618005697</p> <p>4. Váhovská, L., Vitushkina, S., Potočňák, I., Trávníček, Z., Herchel, R. Effect of linear and non-linear pseudohalides on the structural and magnetic properties of Co(II) hexacoordinate single-molecule magnets (2018) Dalton Transactions, 47 (5), pp. 1498-1512. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041346926&amp;doi=10.1039%2fc7dt04256f&amp;partnerID=40&amp;md5=a7108d5cd9fd4030d18c4a0a0d1ccd36">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041346926&amp;doi=10.1039%2fc7dt04256f&amp;partnerID=40&amp;md5=a7108d5cd9fd4030d18c4a0a0d1ccd36</a> DOI: 10.1039/c7dt04256f</p> <p>5. Potočňák, I., Ráčzová, K., Čizmár, E., Váhovská, L., Bukrynov, O.,</p>	9	<p>1. Potočňák, I., Bukrynov, O., Kliuikov, A., Čizmár, E., Vitushkina, S., Váhovská, L., Samolová, E. Low-dimensional compounds containing cyanido groups. Part XXXIV. Structure, spectral and magnetic properties of the first complex with pyridylbenzimidazole and nonlinear pseudohalide anion (2018) Zeitschrift für Kristallographie - Crystalline Materials, 233 (12), pp. 877-882. DOI: 10.1515/zkri-2018-2091</p> <p>2. Potočňák, I., Bukrynov, O., Ráčzová, K., Čizmár, E., Vitushkina, S., Váhovská, L., Dušek, M., Á tarha, P. Low-dimensional compounds containing cyanido groups. Part XXXV. Structure, spectral, thermal and magnetic properties of a binuclear CuII<sup>2+</sup>-biquinoline complex with bridging and terminal dicyanamide ligands (2018) Acta Crystallographica Section C: Structural Chemistry, 74 (11), pp. 1469-1476. DOI: 10.1107/S205322961801375X</p> <p>3. Potočňák, I., Bukrynov, O., Kliuikov, A., Čizmár, E., Vitushkina, S., Váhovská, L., Dušek, M. A CuII complex with an carbamoylcyanonitrosomethanide ligand formed in situ by the nucleophilic addition of water to dicyanonitrosomethanide: structure, spectral and magnetic properties (2018) Acta Crystallographica Section C: Structural Chemistry, 74 (5), pp. 584-589. DOI: 10.1107/S2053229618005697</p> <p>4. Váhovská, L., Vitushkina, S., Potočňák, I., Trávníček, Z., Herchel, R. Effect of linear and non-linear pseudohalides on the structural and magnetic properties of Co(II) hexacoordinate single-molecule magnets (2018) Dalton Transactions, 47 (5), pp. 1498-1512. DOI: 10.1039/c7dt04256f</p> <p>5. Potočňák, I., Ráčzová, K., Čizmár, E., Váhovská, L., Bukrynov, O., Vitushkina, S., Findoráková, L. Low-dimensional compounds containing cyanido groups. Part XXXII. Field-induced multiple slow magnetic relaxation in [CoII(dcnm)(H2O)(phen)2](dcnm) complex with dominant easy-plane anisotropy (dcnm = dicyanonitrosomethanide) (2017) Polyhedron, 137, pp. 112-121. DOI: 10.1016/j.poly.2017.08.009</p> <p>6. Vitushkina, S., Teslenko, M., Váhovská, L., Findoráková, L., Vilková, M., Potočňák, I. Low-dimensional compounds containing cyanido groups. Part XXXI. First simultaneous nucleophilic addition of water and ethanol to dicyanonitrosomethanide anions in the presence of Co(II) (2017) Inorganica Chimica Acta, 456, pp. 49-54. DOI: 10.1016/j.ica.2016.11.016</p>

			<p>Vitushkina, S., Findoráková, L. Low-dimensional compounds containing cyanido groups. Part XXXII. Field-induced multiple slow magnetic relaxation in [CoII(dcnm)(H<sub>2</sub>O)(phen)<sub>2</sub>](dcnm) complex with dominant easy-plane anisotropy (dcnm = dicyanonitrosomethanide)(2017) Polyhedron, 137, pp. 112-121. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028772760&amp;doi=10.1016%2Fj.poly.2017.08.009&amp;partnerID=40&amp;md5=1cdf0f2e0ce48b5955bebaae04e59281DOI: 10.1016/j.poly.2017.08.009">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028772760&amp;doi=10.1016%2Fj.poly.2017.08.009&amp;partnerID=40&amp;md5=1cdf0f2e0ce48b5955bebaae04e59281DOI: 10.1016/j.poly.2017.08.009</a></p> <p>6. Vitushkina, S., Teslenko, M., Váhovská, L., Findoráková, L., Vilková, M., Potočňák, I. Low-dimensional compounds containing cyanido groups. Part XXXI. First simultaneous nucleophilic addition of water and ethanol to dicyanonitrosomethanide anions in the presence of Co(II)(2017) Inorganica Chimica Acta, 456, pp. 49-54. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001889513&amp;doi=10.1016%2Fj.ica.2016.11.016&amp;partnerID=40&amp;md5=79c44f66fa4d87bdf0a36997eb93b2acDOI: 10.1016/j.ica.2016.11.016">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001889513&amp;doi=10.1016%2Fj.ica.2016.11.016&amp;partnerID=40&amp;md5=79c44f66fa4d87bdf0a36997eb93b2acDOI: 10.1016/j.ica.2016.11.016</a></p> <p>7. Váhovská, L., Potočňák, I., Vitushkina, S., Walko, M. Low-dimensional compounds containing cyanido groups. Part XXX. Recrystallization of Co(II) complexes with pseudohalogenide ligands leading to CO<sub>2</sub> uptake and formation of dicyanoguanidine anion in newly created Co(III) complexes(2016) Polyhedron, 117, pp. 359-366. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976421734&amp;doi=10.1016%2Fj.poly.2016.06.007&amp;partnerID=40&amp;md5=c0a473e978ce2a7f582f922011720a9dDOI: 10.1016/j.poly.2016.06.007">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976421734&amp;doi=10.1016%2Fj.poly.2016.06.007&amp;partnerID=40&amp;md5=c0a473e978ce2a7f582f922011720a9dDOI: 10.1016/j.poly.2016.06.007</a></p> <p>8. Váhovská, L., Potočňák, I., Vitushkina, S., Dušek, M., Titiš, J., Boča, R. Low-dimensional compounds containing cyanido groups. XXVI. Crystal structure, spectroscopic and magnetic properties of Co(II) complexes with non-linear pseudohalide ligands(2014) Polyhedron, 81, pp. 396-408. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904657533&amp;doi=10.1016%2Fj.poly.2014.06.046&amp;partnerID=40&amp;md5=e02a60cd87734bdd47acdeafd401008DOI: 10.1016/j.poly.2014.06.046">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904657533&amp;doi=10.1016%2Fj.poly.2014.06.046&amp;partnerID=40&amp;md5=e02a60cd87734bdd47acdeafd401008DOI: 10.1016/j.poly.2014.06.046</a></p> <p>9. Starodub, V.A., Vitushkina, S.V., Kamenskyi, D., Anders, A.G., Cheranovskii, V.O., Schmidt, H., Steinborn, D., Potočňák, I., Kajňáková, M., Radvákóvá, A., Feher, A. Peculiarities of crystal structures and magnetic properties of Cu(II) and Ni(II) mixed-ligand complexes on the 1,3-dithiole-2-thione-4,5-dithiolate basis(2012) Journal of Physics and Chemistry of Solids, 73 (2), pp. 350-356. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904785670&amp;doi=10.1016%2Fj.jpics.2011.10.001&amp;partnerID=40&amp;md5=7eee43e33c594731a83795fec171c484DOI: 10.1016/j.jpics.2011.10.001">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904785670&amp;doi=10.1016%2Fj.jpics.2011.10.001&amp;partnerID=40&amp;md5=7eee43e33c594731a83795fec171c484DOI: 10.1016/j.jpics.2011.10.001</a></p>	<p>7. Váhovská, L., Potočňák, I., Vitushkina, S., Walko, M. Low-dimensional compounds containing cyanido groups. Part XXX. Recrystallization of Co(II) complexes with pseudohalogenide ligands leading to CO<sub>2</sub> uptake and formation of dicyanoguanidine anion in newly created Co(III) complexes(2016) Polyhedron, 117, pp. 359-366. DOI: 10.1016/j.poly.2016.06.007</p> <p>8. Váhovská, L., Potočňák, I., Vitushkina, S., Dušek, M., Titiš, J., Boča, R. Low-dimensional compounds containing cyanido groups. XXVI. Crystal structure, spectroscopic and magnetic properties of Co(II) complexes with non-linear pseudohalide ligands(2014) Polyhedron, 81, pp. 396-408. DOI: 10.1016/j.poly.2014.06.046</p> <p>9. Starodub, V.A., Vitushkina, S.V., Kamenskyi, D., Anders, A.G., Cheranovskii, V.O., Schmidt, H., Steinborn, D., Potočňák, I., Kajňáková, M., Radvákóvá, A., Feher, A. Peculiarities of crystal structures and magnetic properties of Cu(II) and Ni(II) mixed-ligand complexes on the 1,3-dithiole-2-thione-4,5-dithiolate basis (2012) Journal of Physics and Chemistry of Solids, 73 (2), pp. 350-356. DOI: 10.1016/j.jpics.2011.10.001</p>
Хімічний	Прикладної хімії	Ткаченко Володимир Володимирович	5 <p>1. Tkachenko, V.V., Chebanov, V.A. Reactions of 3(5)-Aminoisoxazoles Using Classical Methods of Activation, Microwave Irradiation, and Ultrasonication(2017) Chemistry of Heterocyclic Compounds, pp. 1-21. Article in Press. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008709454&amp;doi=10.1007%2Fs10593-017-1980-5&amp;partnerID=40&amp;md5=7f399e3f317928c11404fc812d1e88ffDOI: 10.1007/s10593-017-1980-5">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008709454&amp;doi=10.1007%2Fs10593-017-1980-5&amp;partnerID=40&amp;md5=7f399e3f317928c11404fc812d1e88ffDOI: 10.1007/s10593-017-1980-5</a></p> <p>2. Tkachenko, V.V., Chebanov, V.A. Reactions of 3(5)-aminoisoxazoles using classical methods of activation, microwave irradiation, and ultrasonication(2016) Chemistry of Heterocyclic Compounds, 52 (11), pp. 866-886. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-">https://www.scopus.com/inward/record.uri?eid=2-s2.0-</a></p>	4 <p>1. Tkachenko, V.V., Chebanov, V.A. Reactions of 3(5)-aminoisoxazoles using classical methods of activation, microwave irradiation, and ultrasonication(2016) Chemistry of Heterocyclic Compounds, 52 (11), pp. 866-886. DOI: 10.1007/s10593-017-1980-5</p> <p>2. Tkachenko, V.V., Muravyova, E.A., Desenko, S.M., Shishkin, O.V., Shishkina, S.V., Sysoiev, D.O., Müller, T.J.J., Chebanov, V.A. The unexpected influence of aryl substituents in n-aryl-3-oxobutanamides on the behavior of their multicomponent reactions with 5-amino-3-methylisoxazole and salicylaldehyde(2014) Beilstein Journal of Organic Chemistry, 10, pp. 3019-3030. DOI: 10.3762/bjoc.10.320</p> <p>3. Tkachenko, V.V., Muravyova, E.A., Shishkina, S.V., Shishkin, O.V.,</p>

			<p>85032255143&amp;doi=10.1007%2fs10593-017-1980-5&amp;partnerID=40&amp;md5=0437be2b61fc10a60d09d614dcaf1556DOI: 10.1007/s10593-017-1980-5</p> <p>3. Tkachenko, V.V., Muravyova, E.A., Desenko, S.M., Shishkin, O.V., Shishkina, S.V., Sysoiev, D.O., Müller, T.J.J., Chebanov, V.A. The unexpected influence of aryl substituents in n-aryl-3-oxobutanamides on the behavior of their multicomponent reactions with 5-amino-3-methylisoxazole and salicylaldehyde(2014) Beilstein Journal of Organic Chemistry, 10, pp. 3019-3030. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920077508&amp;doi=10.3762%2fbjoc.10.320&amp;partnerID=40&amp;md5=ba633da4886a7f16c7e5fd4c8f279f54DOI: 10.3762/bjoc.10.320">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920077508&amp;doi=10.3762%2fbjoc.10.320&amp;partnerID=40&amp;md5=ba633da4886a7f16c7e5fd4c8f279f54DOI: 10.3762/bjoc.10.320</a></p> <p>4. Tkachenko, V.V., Muravyova, E.A., Shishkina, S.V., Shishkin, O.V., Desenko, S.M., Chebanov, V.A. Study of three-component reactions between 5-amino-3-methylisoxazole, n-arylamides of acetoacetic acid, and aromatic aldehydes(2014) Chemistry of Heterocyclic Compounds, 50 (8), pp. 1166-1176. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922079982&amp;doi=10.1007%2fs10593-014-1578-0&amp;partnerID=40&amp;md5=0dd4743039d8c3173ef8c740086bad6eDOI: 10.1007/s10593-014-1578-0">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922079982&amp;doi=10.1007%2fs10593-014-1578-0&amp;partnerID=40&amp;md5=0dd4743039d8c3173ef8c740086bad6eDOI: 10.1007/s10593-014-1578-0</a></p> <p>5. Muravyova, E.A., Tkachenko, V.V., Desenko, S.M., Sen'Ko, Y.V., Müller, T.J.J., Vashchenko, E.V., Chebanov, V.A. Behavior of 5-amino-3-methylisoxazole in multicomponent heterocyclizations with carbonyl compounds under thermal heating and non-classical conditions (2013) Arkivoc, 2013 (3), pp. 338-371. <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879521932&amp;doi=10.3998%2fark.5550190.p008.093&amp;partnerID=40&amp;md5=bb7473f248f866019ac63b7889639d52DOI: 10.3998/ark.5550190.p008.093">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879521932&amp;doi=10.3998%2fark.5550190.p008.093&amp;partnerID=40&amp;md5=bb7473f248f866019ac63b7889639d52DOI: 10.3998/ark.5550190.p008.093</a></p>	<p>Desenko, S.M., Chebanov, V.A. Study of three-component reactions between 5-amino-3-methylisoxazole, n-arylamides of acetoacetic acid, and aromatic aldehydes(2014) Chemistry of Heterocyclic Compounds, 50 (8), pp. 1166-1176. DOI: 10.1007/s10593-014-1578-0</p> <p>4. Muravyova, E.A., Tkachenko, V.V., Desenko, S.M., Sen'Ko, Y.V., Müller, T.J.J., Vashchenko, E.V., Chebanov, V.A. Behavior of 5-amino-3-methylisoxazole in multicomponent heterocyclizations with carbonyl compounds under thermal heating and non-classical conditions(2013) Arkivoc, 2013 (3), pp. 338-371. DOI: 10.3998/ark.5550190.p008.093</p>
Хімічний	Хімічного матеріалознавства	Ткаченко Олег Сергійович	6 <ul style="list-style-type: none"> <li>1. Onizhuk, M.O., Tkachenko, O.S., Panteleimonov, A.V., Varchenko, V.V., Belikov, K., Kholin, Y.V. Electrochemical oxidation of quercetin in aqueous and ethanol-water media with the use of graphite/chemically modified silica ceramic electrode(2018) Ionics, 24 (6), pp. 1755-1764. DOI: 10.1007/s11581-017-2320-6</li> <li>2. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. DOI: 10.1016/j.colsurfa.2017.11.018</li> <li>3. Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V. Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride(2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170. DOI: 10.5935/0103-5053.20150080</li> <li>4. Tkachenko, O., Panteleimonov, A., Padalko, I., Korobov, A., Gushikem, Y., Kholin, Y. Silica functionalized with 1-propyl-3-methylimidazolium chloride as an efficient adsorbent for the removal of Eosin Yellow and Reactive Blue 4</li> </ul>	6 <ul style="list-style-type: none"> <li>1. Onizhuk, M.O., Tkachenko, O.S., Panteleimonov, A.V., Varchenko, V.V., Belikov, K., Kholin, Y.V. Electrochemical oxidation of quercetin in aqueous and ethanol-water media with the use of graphite/chemically modified silica ceramic electrode(2018) Ionics, 24 (6), pp. 1755-1764. DOI: 10.1007/s11581-017-2320-6</li> <li>2. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. DOI: 10.1016/j.colsurfa.2017.11.018</li> <li>3. Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V. Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride(2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170. DOI: 10.5935/0103-5053.20150080</li> <li>4. Tkachenko, O., Panteleimonov, A., Padalko, I., Korobov, A., Gushikem, Y., Kholin, Y. Silica functionalized with 1-propyl-3-methylimidazolium chloride as an efficient adsorbent for the removal of Eosin</li> </ul>



			<p>(2014) Chemical Engineering Journal, 254, pp. 324-332. DOI: 10.1016/j.ccej.2014.05.117</p> <p>5. Panteleimonov, A., Tkachenko, O., Baraban, A., Benvenuti, E., Gushikem, Y., Kholin, Y. Probing silica-organic hybrid materials using small probes: Simulation of adsorption equilibria influenced by cooperativity effects (2014) Adsorption Science and Technology, 32 (4), pp. 305-320. DOI: 10.1260/0263-6174.32.4.305</p> <p>6. Tkachenko, O., Rahim, A., Baraban, A., Sukhov, R., Khristenko, I., Gushikem, Y., Kholin, Y. Hybrid silica-organic material with immobilized amino groups: Surface probing and use for electrochemical determination of nitrite ions (2013) Journal of Sol-Gel Science and Technology, 67 (1), pp. 145-154.</p>	<p>Yellow and Reactive Blue 4 (2014) Chemical Engineering Journal, 254, pp. 324-332. DOI: 10.1016/j.ccej.2014.05.117</p> <p>5. Panteleimonov, A., Tkachenko, O., Baraban, A., Benvenuti, E., Gushikem, Y., Kholin, Y. Probing silica-organic hybrid materials using small probes: Simulation of adsorption equilibria influenced by cooperativity effects (2014) Adsorption Science and Technology, 32 (4), pp. 305-320. DOI: 10.1260/0263-6174.32.4.305</p> <p>6. Tkachenko, O., Rahim, A., Baraban, A., Sukhov, R., Khristenko, I., Gushikem, Y., Kholin, Y. Hybrid silica-organic material with immobilized amino groups: Surface probing and use for electrochemical determination of nitrite ions (2013) Journal of Sol-Gel Science and Technology, 67 (1), pp. 145-154.</p>
--	--	--	--	---

## Наукові журнали та об'єкти інтелектуальної власності

		Назви реквізити (коди)
Кількість наукових журналів, які входять із ненульовим коефіцієнтом впливовості до наукометричних баз	П17	<p>1. EAST EUROPEAN JOURNAL OF PHYSICS DOI: 10.26565/2312-4334 2015 - 2019</p> <p>2. VISNYK OF V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY - SERIES GEOLOGY GEOGRAPHY ECOLOGY DOI: 10.26565/2410-7360 2015–2019</p> <p>3. VISNYK KHARKIVSKOGO NACIONALNOGO UNIVERSITETU IMENI V. N. KARAZINA SERIA BIOLOGIA Semiannual ISSN: 2075-5457 E-ISSN: 2220-9697 Присвоєння Digital Object Identifier (DOI): DOI: 10.26565/2075-5457</p>
Кількість спеціальностей	П18	47
Кількість об'єктів права інтелектуальної власності, що зареєстровані закладом вищої освіти та/або зареєстровані (створені) його науково-педагогічними та науковими працівниками	П19	461
Кількість об'єктів права інтелектуальної власності, які комерціалізовано закладом вищої освіти та/або його науково-педагогічними та науковими працівниками	П20	0

- 7 журналів Харківського національного університету імені В. Н. Каразіна знаходяться на моніторингу.

**Кількість об'єктів права інтелектуальної власності, що зареєстровані закладом вищої освіти та/або зареєстровані (створені) його науково-педагогічними та науковими працівниками П19**

1	2012 Корисна модель. g-(4-N-R-оксаміфдосульффонілбензол-оксамідо)-бутанові кислоти, які мають діуретичну та протисудомну активність. Патент на корисну модель № 64626 Бюл. № 21. 10.11.2011. Савченко В.М., Черних В.П., Банний І.П., Георгіянц В.А., Банна Н.І., Самура Б.А., Криський О.С., Челембієнко С.А.
2	2012 Корисна модель. Виріб з двошаровим покриттям. Патент України. на коисну модель № 70767 від 25.06.2012, Бюл. №12. Г.В. Кирик, О.Д. Погребняк, В.М. Береснєв, О.Д. Стадник
3	2012 Корисна модель. Канал автоматичного супроводження літальних апаратів за напрямком з розширеними можливостями для ЛВС полігонного випробувального комплексу. Патент на корисну модель № 75283 опубліковано 26.11.2012, бюл. № 22/2012. Коломійцев О.В., Батурін О.В., Васильєв Д.Г., Кожушко Я.М Ольховіков С.В., Орлов С.В., Риб'як А.С., Сачук І.І., Толстолузька О.Г., Храпчинський В.О.
4	2012 Корисна модель. Маска для анестезування щурів. Патент на корисну модель № 65148, Бюл. № 22 25.11.2011 р. Коробов А. М. Коробов В. А. Лісна Т. О.
5	2012 Корисна модель. Металевий порошок для термічного нанесення покриття на основі перехідних металів. Патент України на корисну модель № 72904 від 27.08.2012, Бюл. №16. Г.В. Кирик, О.Д. Погребняк, В.М. Береснєв, О.Д. Стадник
6	2012 Корисна модель. Опорно-поворотний пристрій вітроустановки. Патент України на корисну модель № 74194 від 25.10.2012. Ткаченко В. І., Москвітін О. В., Шахова О. М.
7	2012 Корисна модель. Прилад для проведення модельних демонстрацій з молекулярної фізики «аеростіл». Патент на корисну модель № 73520, 25.09.2012. Полежака А. І., Песін О. І.
8	2012 Корисна модель. Пристрій для вимірювання енергетичних параметрів випромінювання лазерів. Патент на корисну модель № 68466 від 26.03.12. Кокодій М.Г., Пак А.О., Балкашин В.П., Сафронов Б.В., Приз І.О., Козлов І.І.
9	2012 Корисна модель. Пристрій для вимірювання комплексної діелектричної проникності сильно поглинаючих рідких систем. Патент України на корисну модель № 68464 від 26.03.2012. А.О. Ашеко, М.О. Азарєнков, С.А. Батулін
10	2012 Корисна модель. Пристрій для гарячого пресування порошків шляхом прямого пропускання електричного струму. Патент України на корисну модель № 72841 від 27.08.2012. Є. С. Геворкян, М.О. Азарєнков, С.В.Литовченко, В.О. Чишкала, Л.А. Тимофєєва, О.М. Мельник, Ю.Г. Гуцаленко
11	2012 Корисна модель. Пристрій для профілактики і лікування кишкової непрохідності. Патент на корисну модель № 70390, 11.06.2012. Бойко В.В., Белозьоров І.В., Скрипко В.А., Бойко Л.О., Тимченко Н.В., Грома В.Г.
12	2012 Корисна модель. Розчин розмірного хімічного травлення міді та α-латуней на основі хлориду заліза. Патент на корисну модель №67693, зареєстрований в Державному реєстрі патентів України на винаходи 13.03.2012. Хоботова Є. Б., Ларін В.І., Єгорова Л.М., Добріян М. О.
13	2012 Корисна модель. Спосіб визначення алюмінію (III) у водних середовищах з еріохромціаніном R, іммобілізованим в желатиновій плівці. Патент на корисну модель № 64666. Україна / № u 2011 05606; Заявлено 04.05.2011; Надр. 10.11.2011, Бюл. № 21. Решетняк О. О., Івченко Н. В., Шевченко В. М., Нікітіна Н. О.
14	2012 Корисна модель. Спосіб визначення вмісту важких металів в біологічному матеріалі, переважно в органах тварин. Патент на корисну модель № 73527 Дата подання заявки 22.03.2012. Гончаренко М. С. Коновалова О. О., Андрейко Г. П.,

	Гладка О.О.
15	2012 Корисна модель. Спосіб визначення рівня хронічної токсичності природної води. Патент на корисну модель № 67014. Зареєстровано в державному реєстрі патентів України на корисні моделі 25.01.2012. (11) 67014 (13)U (51) МПК (2012) G01N 33/18. Крайнюков О. М., Крайнюкова А. М.
16	2012 Корисна модель. Спосіб вимірювання температури в вертикалах коксових печей. – 4 с. Патент на корисну модель № 66088. 26.12.2011, Бюл. № 24. Скрипченко М.П., Худокормов А.П., Ряполов Є.В., Журавський А.О., Федорова С.В., Торяник Є.І., Колчигін М.М., Іванченко Д.Д., Биков В.М.
17	2012 Корисна модель. Спосіб виробництва бактерійної біомаси в реакційному об'ємі. Патент України на корисну модель № 95152 від 11.07.2011. Токарев В.С., Юдбаровський Д.М., Пих З.Г., Олександров О.М., Шульга О.М.
18	2012 Корисна модель. Спосіб діагностики формування атеросклеротичних ускладнень у підлітків із АГ. Патент на корисну модель № 64689 (дата реєстрації 10.11.2011 р.). Богмат Л.Ф., Толмачева С.Р., Рак Л.І.
19	2012 Корисна модель. Спосіб діагностики можливості розвитку екзокринної недостатності підшлункової залози у дітей та підлітків, хворих на цукровий діабет 1-го типу. Патент на корисну модель, № 69233 МПК (2012.01) A61B 10/00, G01N 33/48 Заявлено 28.09.2011. Опубліковано 25.04.2012. – Бюл. №.8. – 9 с. Пархоменко Л.К., Багацька Н.В., Рилова А.В.
20	2012 Корисна модель. Спосіб діагностики порушень ендотеліальної функції у підлітків із артеріальною гіпертензією. Патент на корисну модель № 66549 від 27.12.2011 Бюл. 24. Богмат Л.Ф., Михальчук О.Я, Рак Л. І. Ахназарянц Є.Л., Молева В.І.
21	2012 Корисна модель. Спосіб збільшення намагніченості насичення високодисперсних феритових матеріалів. C01G 49/00, B22F 9/16, H01F 1/11. Патент на корисну модель №76538 від 05.06.2012. Позитивне рішення від 11.10.2012 №22058/ЗУ/12. Ольховик Л.П., Сухов В.М., Мозуль К.О., Шурінова О.В., Ведернікова І.О., Коваль А.О.
22	2012 Корисна модель. Спосіб оздоровчої дії на організм людини. Патент на корисну модель № 66871. Патент опубліковано 25.01.2012, бюл. № 2/2012. Гоч В.П., Гончаренко М.С., Єлізарова С.В., Єлізаров В.П.
23	2012 Корисна модель. Спосіб оцінки ефективності лікування хворих на рак яєчників. Патент на корисну модель UA № 72412 від 28.08.2012. - Бюл. №16. - 28.08.2012. Прокопюк О.В., Князева М.В., Павлова Т.Д.
24	2012 Корисна модель. Спосіб оцінки морфофункціонального напруження щитоподібної залози. Патент на корисну модель № 66728 зареєстровано 10.01.2012. Шерстюк С.О., Сорокіна І.В.
25	2012 Корисна модель. Спосіб післяопераційної декомпресії трубчастого органу. Патент на корисну модель № 72078, 10.08.2012. Бойко В.В., Белозьоров І.В., Скрипко В.А., Бойко Л.О., Тимченко Н.В., Грома В.Г.
26	2012 Корисна модель. Спосіб проведення кількісного структурного аналізу полікристала з використанням комп'ютерних технологій. Патент на корисну модель № 69997 Україна, МПК(2012.01) G01B 11/00, G01J 3/00 № u 2011 12764; заявл. 31.10.2011; опубл. 25.05.2012, Бюл. №10. Бадіян Є.Ю., Тонкопряд А.Г., Шеховцов О.В., Шурінов Р.В.
27	2012 Корисна модель. Спосіб прогнозування виникнення дифузного нетоксичного зоба у дівчаток. Патент на корисну модель, № 74424 МПК (2012.01) A61B 10/00, G06K 9/00. Заявлено 17.04.2012. Опубліковано 25.10.2012. – Бюл. №.20. – 6 с. Плехова О.І., Глотка Л.І., Деменкова І.Г., Турчина С.І.
28	2012 Корисна модель. Спосіб прогнозування підвищеної концентрації важких

	металів у рослинних продуктах харчування. Патент на корисну модель №76203 Зареєст в державному реєстрі патентів України на корисні моделі 18.06.2012. У 2012 07360 G01N 33/02 (2006.01). Некос А.Н., Висоцька О.В., Порван А.П.
29	2012 Корисна модель. Спосіб регенерації відпрацьованого сульфатного травильного розчину. Патент на корисну модель №67220, зареєстрований в Державному реєстрі патентів України на винаходи 10.02.2012. Даценко В.В., Хоботова Є.Б., Єгорова Л.М., Ларін В.І., Добріян М.О.
30	2012 Корисна модель. Спосіб реконструкції заднього відділу сечовипускального каналу. Патент на корисну модель № 70713, 25.06.2012 Бойко В.В., Криворотько І.В., Лазирський В.О.
31	2012 Корисна модель. Термоізолююча медична пов'язка. Патент на корисну модель № 72350 Зареєстровано в Державному реєстрі патентів України на корисні моделі. Бюл. № 15. Зареєстровано 10.08.2012. Бойко В.В., Ісаєв Ю.І., Литовченко А.М., Шаповал О.В., Литовченко О.Ю., Проценко О.С.
32	2012 Корисна модель. Універсальна суміш для наповнення порожнистих анатомічних препаратів. Патент на корисну модель №74061 10.10.2012. І.Я.Свтушенко, О.О. Лермонтов В.Г. Дуденко, М.А. Падалиця, Г.В. Горяїнова, Н.Ю. Кондрусик Д.Г. Шуба В.Ю. Вдовіченко О.М. Ткаченко
33	2012 Патент. Sposób oznaczania aktywności przeciwutleniającej lub utleniającej ekstraktów organicznych w oparciu o chemiluminescencję estrów akrydyniowych. Patent 210909, Poland, G01N 31/22, 33/00, 33/58. Krzymiński K., Roshal A.D., Synchykova O.P., Sandomirsky V.P.
34	2012 Патент Многослойное износостойкое термостойкое покрытие. Депозитарий «ноу-хау» БелГНИУ, 21.06.2012, Россия. Свид. №79. Ковалева М.Г., Прозорова М.С., Арсеев М.Ю., Тюрин Ю.Н., Береснев В.М.
35	2012 Патент. Набір флуоресцентних зондів для визначення фізико-хімічних властивостей ліпідних мембран. Патент 24330 Україна. У 2011 12552; заявл. 26.10.2011; опубл. 12.04.2012, Бюл. №9. Посохов Є.О.
36	2012 Патент. Пальниковий пристрій для спалювання пилувугільного палива. Патент № 97164 України МПК51, F23D 1/00; F23C 1/12; F23C 3/00 – Опубл. 10.01.2012, Бюл. № 1. Соловей В.В., Мацевитий Ю.М., Каніло П.М.
37	2012 Патент. Похідні 3,6-диметил-N,4-діарил-4,7-дигідроізоксазол[4,5-b]піридин-5-карбоксамідів і спосіб їх одержання. Патент України №99692 від 10.09.2012. Муравйова О.О., Руденко Р.В., Чебанов В.А., Десенко С.М., Афанасіаді Л.М.
38	2012 Патент. Похідні 3-[5-аміно-1-(хлорфеніл)-1Н-1,2,4-триазол-3-іламіно]-5-арилфуран-2-ону і спосіб їх одержання. Патент України №97927 від 26.03.2012. Сахно Я.І., Чебанов В.А., Десенко С.М., Афанасіаді Л.М.
39	2012 Патент. Пристрій для декомпресії трубчастого органу і профілактики стенозування анастомозу. Патент № 720890, 10.08.2012. Бойко В.В., Белозьоров І.В., Скрипко В.А., Бойко Л.О., Тимченко Н.В., Грома В.Г.
40	2012 Патент. Режекторний фільтр Патент № 68366, Опублікован в Бюл. № 6, 26.03.2012. Майборода Д.В. Погарський С.О.Саприкін І.І.
41	2012 Патент. Спосіб виділення суми антоціанинів з плодів та ягід. Патент України № 73974, C09B 61/00, дата пріор. 09.04.2012 (бюл. №19, 10.10.2012). Рошаль О.Д., Ільяшенко Р.Ю., Росляков В.І.
42	2012 Патент. Спосіб визначення індивідуального рівня психосоціальної значимості вегетативного соматоформного розладу. Патент 57308 U, Україна, МПК А61В 5/16 (2006.01). - Заявка № u201007745; Заявл. 21.06.2010; Опубл. 25.02.2011, Бюл. №4 Михайлов Б.В. (UA); Панченко М.С. (UA); Черкашина Л.В. (UA).
43	2012 Патент. Спосіб визначення мембранотропної активності кріопротектора. Патент 71516 Україна. У 2012 02917; заявл. 12.03.2012; опубл. 10.07.2012; Бюл. №

	13. Посохов Є.О., Корнієнко Є.М.
44	2012 Патент. Спосіб експрес-визначення загальної антиоксидантної активності плазми озонованої крові хворих. Патент України № 66050, G01N 33/48, дата пріор. 06.05.2011 (бюл. №24, 26.12.2011). Козін Ю.І., Дюбко Т.С., Соколик О.А., Рошаль О.Д., Кшимінські К.
45	2012 Патент. Спосіб експресної оцінки ефективності щеплення. Патент №71014 Бюлетень №12 від 25.06.2012. Попов М.М.
46	2012 Патент. Спосіб нанесення покриття термічним напиленням. Патент України. № 71628 від 25.07.2012, Бюл. №14. Г.В. Кирик, О.Д. Погребняк, В.М. Береснев, О.Д. Стадник
47	2012 Патент. Спосіб оцінки ефективності корекції мітохондріального енергообміну. Патент 65627 U, Україна, МПК G01N 33/48 (2006.01). Заявка № u201106334; Заявл. 20.05.2011; Опубл. 12.12.2011, Бюл. №23. Шкляр С.П. (UA); Марченко В.Г. (UA); Цодікова О.А. (UA); Черкашина Л.В. (UA); Барчан Г.С. (UA); Шкляр А.С. (UA).
48	2012 Патент. Спосіб оцінки морфофункціональних особливостей щитоподібної залози. Патент 72332 Україна А61В10/00. u 2012 02378; заявл. 28.02.2012.; опубл. 10.08.2012. Бюл. №15 Шерстюк С.О., Сорокіна І.В.
49	2012 Патент. Спосіб оцінки рівня якості здоров'я підлітків при вегетативних соматоформних розладах. Патент 67156 U, Україна, МПК (2012.01): А61В 10/00. Заявка № u201106335; Заявл. 20.05.2011; Опубл. 10.02.2012, Бюл. №3 Шкляр С.П. (UA); Марченко В.Г. (UA); Пархоменко Л.К. (UA); Черкашина Л.В. (UA); Панченко М.С. (UA); Сябренко Г.П. (UA).
50	2012 Патент. Спосіб підвищення ефективності вакцинації проти грипу у дітей, що часто хворіють. Патент №71930 Бюлетень №14 від 25.07.2012. Попов М.М.
51	2012 Патент. Спосіб раннього виявлення загорянь лазерним датчиком. Патент № 24693А від 04.12. 2012. Доля Г. М., Катунін А. М., Литвинова О. С. та ін
52	2012 Патент. Спосіб роботи електролізної установки для одержання водню і кисню високого тиску. Патент № 98705 України МПК51, С25В 1/02; С25В 9/04. Опубл. 11.06.2012, Бюл. № 11. Соловей В.В., Шевченко А.А., Жиров О.С., Макаров О.О.
53	2012 Патент. Спосіб створення вихідного матеріалу для селекції злаків. Патент № 19541/ЗУ/12 06.09.2012. Панкова О. В.
54	2012 Патент. Сфероїдний сонячний колектор. Патент 95578 Україна. Опубл. 10.08.2011, Бюл. № 15. А. І. Ценципер, Ю. М. Мацевитий, М. О. Сафонов, С. Ф. Лушпенко, К. В. Казановська
55	2012 Патент. Твердий екстрагент для вилучення урану з водних розчинів. Патент України № 73461. Бюл. 18 від 25.09.2012 р. Красноперова А.П., Юхно Г.Д., Мірошниченко С. І., Тернова Д.С., Кальченко В.І., Коровін В.Ю., Коровін Ю.Ф.
56	2012 Патент. Установка для відбору тепла з терикона. Патент України №24074/ЗА/12 від 17.10.2012. Заявка № 2011 03373. Мацевитий Ю.М., Ценципер А. І., Чіркін М. Б., Костіков А. О., Харлампіді Д. Х.
57	2013 Корисна модель. Канал автоматичного супроводження літальних апаратів за напрямком з використанням частот міжмодових биттів та можливістю формування і обробки зображення ла для полігонного випробувального комплексу. Патент на корисну модель № 81460 від 25.06. 2013. Коломейцев О. В., Сачук І. І., Толстолузька О. Г. та ін.
58	2013 Корисна модель. Канал вимірювання кутових швидкостей літальних апаратів з використанням частот міжмодових биттів та можливістю формування і обробки зображення ла для полігонного випробувального комплексу. Патент на корисну модель № 81459 від 25.06. 2013. Коломейцев О. В., Сачук І. І., Толстолузька О.Г. та ін.
59	2013 Корисна модель. Канал вимірювання похилої дальності до літальних апаратів з

	використанням частот міжмодових биттів та можливістю формування і обробки зображення ла для полігонного випробувального комплексу. Патент на корисну модель № 81457 від 25.06.2013. Коломейцев О. В., Сачук І. І., Толстолузька О.Г. та ін.
60	2013 Корисна модель. Канал вимірювання радіальної швидкості літальних апаратів із використанням частот міжмодових биттів та можливістю формування і обробки зображення ла для полігонного випробувального комплексу. Патент на корисну модель № 81458 від 25.06.2013. Коломейцев О. В., Сачук І. І., Толстолузька О.Г. та ін.
61	2013 Корисна модель. Комплекс для визначення елементного складу води на різних глибинах водоймища. Патент на корисну модель № 90315 від 07.11.2013 р. Патент опубліковано 26.05.2014, бюл. № 10/2014. Полевич О.В., Цимбал В.О., Сіроко Г.В.
62	2013 Корисна модель. Пристрій для гармонізації функціонального стану організму людини. Патент на корисну модель № 84667 Бюл. № 20 25.10.2013. Гоч В.П., Гончаренко М.С., Новіков В.М., Скоморський Ю.М. та ін.
63	2013 Корисна модель. Пристрій для лікування укороченого стравоходу. Патент на корисну модель № 76521 Україна, 10.01.2013. – № 1. Бойко В.В., Белозьоров І.В. [та співавт.]
64	2013 Корисна модель. Пристрій фільтрації параметрів траєкторії ціл. Патент на корисну модель № 93389 опубліковано 25.09.2014, бюл. № 18/2014 заявка на отримання патенту на корисну модель, 2013. Андреев Ф. М., Статкус А. В., Челпанов А. В.
65	2013 Корисна модель. Радіопрозорий керамічний матеріал. Патент на корисну модель виданий Державною службою інтелектуальної власності України Державне підприємство “Український інститут промислової власності”. Реєстраційний номер заявки U 201500048. Лісачук Г.В., Кривобок Р.В., Захаров А.В., Колчигін М.М. (ХНУ), Іванченко Д.Д. (ХНУ).
66	2013 Корисна модель. Різальний інструмент з покриттям. Патент на корисну модель № 86915 опубліковано 10.01.2014, бюл. № 1/2014 С23С 14/16 В.З. Туркевич, М.В. Новіков, С.А. Клименко, В.М. Береснев, М.Ю. Копейкіна, С.Ан. Клименко, С.В. Литовченко, І.М. Торяник, О.Ю. Кропотов, П.В. Турбін.
67	2013 Корисна модель. Система автоматичного моніторингу території. Патент на корисну модель №84133 Зареєстровано в Державному реєстрі патентів України на корисні моделі 10.10.2013. Пеліхатий М. М., Ємець В. М., Гетманець О. М.
68	2013 Корисна модель. Скальпель Патент на корисну модель № 8416410.10.2013 р., Бюл. №19. Бойко В.В., Белозьоров І.В., Савві С.О., Новіков Є.А.
69	2013 Корисна модель. Спосіб біоадаптивної корекції стану регуляторних систем організму людини в біологічному зворотному зв'язку. Патент на корисну модель № 84087, Патент опубліковано 10.10.2013, бюл. № 19/2013. Мартиненко О.В. та інші
70	2013 Корисна модель. Спосіб визначення вмісту важких металів в біологічному матеріалі, переважно в органах тварин. Патент на корисну модель № 73527 Бюл. № 18. 26.09.2012. Гончаренко М. С., Коновалова О. О., Андрейко Г. П., Гладка О. О.
71	2013 Корисна модель. Спосіб визначення впливу магнітного або електромагнітного поля на біологічні мембрани / Патент України (корисна модель), №76399 від 10.01.2013. Бюл. №1. Посохов Є.О. Пасюга В.М. Шкорбатов Ю.Г., Колчигін М.М.
72	2013 Корисна модель. Спосіб визначення впливу магнітного або електромагнітного поля на біологічні мембрани. Патент України (корисна модель), №76399 от10.01.2013. Бюл. №1 Посохов Є.О., Пасюга В.М., Шкорбатов Ю.Г., Колчигін М.М.
73	2013 Корисна модель. Спосіб визначення ступеня ураженості водної екосистеми. Патент України на корисну модель № 85333 від 11.11.2013 р. Крайнюков О.М.

74	2013 Корисна модель. Спосіб виконання ендовазійної лазерної коагуляції. Патент на корисну модель №82413 А61N 1/00 А61В 17/00, 25.07.2013, Бюл. № 14. Бойко В.В., Прасол В.А., Гільов Б.В. та ін.
75	2013 Корисна модель. Спосіб вимірювання флюенсу гама-квантів. Патент України № 77520 на корисну модель; заявл. 03.02.2013; опубл. 07.05.2013. Бюл. №2. – 8 с. Гетманець О.М., Пеліхатий М.М.
76	2013 Корисна модель. Спосіб вимірювання флюенсу швидких нейтронів. Патент України № 76436 на корисну модель; заявл. 01.01.2013; опубл. 10.01.2013. Бюл. №1. – 8 с. Гетманець О.М., Пеліхатий М.М.
77	2013 Корисна модель. Спосіб встановлення гранично допустимого рівня токсичності зворотної води. Патент України на корисну модель №85348 від 11.11.2013р. Крайнюков О.М
78	2013 Корисна модель. Спосіб детектування вільних радикалів. Трусова В.М., Горбенко Г.П., Куценко О.К., Делігеоргієв Т. та ін.
79	2013 Корисна модель. Спосіб диференційованої корекції ендотеліальної дисфункції у хворих на ренопаренхиматозну артеріальну гіпертензію. Патент на корисну модель № 78580 від 25.03.2013р. Власенко О.О., Деміхова Н.В., Попов С.В.
80	2013 Корисна модель. Спосіб діагностики екологічного етапу водяної екосистеми. Патент на корисну модель № 88189 від 01.07.2013, опубліковано 11.03.2014, бюл. № 5/2014. Патент опубліковано 11.03.2014, бюл. № 5/2014. Беспалов Ю. Г., Носов К. В., Жолткевич Г.М., Утєвський А.Ю., Кобрін В.М., Висоцька О.В., Порван А.П.
81	2013 Корисна модель. Спосіб діагностики ризику розвитку дистресу плода при вагітності. Деклараційний патент України на корисну модель № 77899 від 25.02.2013. Сенаторова А.В., Рига О.О., Бойченко А.Д., Васильєва І.А.
82	2013 Корисна модель. Спосіб дії на розвиток мови людини. Патент на корисну модель № 80339 Бюд. №10 27.05.2013. Гоч В. П., Гончаренко М. С.Сєрова С. В.
83	2013 Корисна модель. Спосіб ендолімфатичного введення лікарських речовин. Патент на корисну модель №84060 10.10.2013 р., Бюл. №19. Бойко В.В., Гусак І.В., Новіков Є.А. та ін.
84	2013 Корисна модель. Спосіб комбінованого зміцнення деталей. Патент України на корисну модель. UA 86781. Зареєстровано в Держреєстрі патентів України на винаходи 10.12.2013. Скобло Т.С., Мартиненко Д.О., Гаркуша О.К., Сідашенко О. І. та ін.
85	2013 Корисна модель. Спосіб лікування органічних депресивних розладів у дорослих хворих. Патент на корисну модель № 107162, опубліковано 25.05.2013, бюл. № 10, заява №u201511263 Пономарьов В.І., Суворова–Григорович А.О., Вовк В.І., Слюсар В.В., Водка М.Є.
86	2013 Корисна модель. Спосіб лікування післяопераційної евентрації в гнійну рану. Патент на корисну модель № 82852, 12.08.2013 р., Бюл. №15. Бойко В.В., Савві С.О., Новіков Є.А. та ін.
87	2013 Корисна модель. Спосіб лікування синдрому дефіциту уваги і гіперактивності у дітей, що перенесли перинатальне ураження ЦНС. Патент на корисну модель № 85642 опубліковано 25.11.2013, бюл. № 22/2013 заява № 201307022. Попов М.М.
88	2013 Корисна модель. Спосіб наноструктурного зміцнення тонкостінного ріжучого інструменту. Патент України на корисну модель. №95489. опубліковано 25.11.2013, бюл. № 2. Скобло Т.С., РоманюкС.П. СідашенкоО.І Гаркуша І.Є., Бирка О. В., Муратов Р.М.
89	2013 Корисна модель. Спосіб одержання заміщених 9-(5-аміно-3-метилізоксазол-4-іл)-2,3,4,9-тетрагідро-1Н-ксантен-1-онів. Патент України на корисну модель №77599 від 25.02.2013 Руденко Р.В., Муравйова О.О., Чебанов В.А. та ін.



90	2013 Корисна модель. Спосіб отримання міді при регенерації відпрацьованих сульфатних мідно-цинкових розчинів травлення латуні. Патент на корисну модель №№74500 Україна, МПК C02F 9/00 (3012/01). №201206163; заявл. 22.05.2012; опубл. 25.10.2012; Бюл. №20. Даценко В.В., Хоботова Є.Б., Єгорова Л.М., Ларін В.І.
91	2013 Корисна модель. Спосіб прогнозування виникнення дифузного нетоксичного зоба у хлопців. Патент на корисну модель, №84391 МПК (2012) A61B 10/00, G06K 9/00. Опубліковано 25.10. 2013. – Бюл. №20. Патент на корисну модель, №84391 МПК (2012) A61B 10/00, G06K 9/00. Опубліковано 25.10. 2013. – Бюл. №20. Багацька Н.В., Плехова О.І., Глотка Л.І., Деменкова І.Г.
92	2013 Корисна модель. Спосіб протиточно-ступінчатої адсорбційної очистки стічних вод від поверхнево-активних речовин в області високих концентрацій. Патент на корисну модель №85328 Україна, МПК C02F 9/00 (3012/01). №2013 08284; заявл. 01.07.201; опубл.11.11.2013; Бюл. №21. Хоботова Є.Б., Грайворонська І.В., Ларін В.І.
93	2013 Корисна модель. Спосіб раннього виявлення загорянь на основі аналізу інтенсивності відбитого лазерного випромінювання. Патент на корисну модель № 78906 від 10.04. 2013. Патент опубліковано 10.04.2013, бюл. № 7/2013 Доля Г.М, Катунін А.М, Литвинова О.С. та ін.
94	2013 Корисна модель. Спосіб спленектомії. Патент на корисну модель №67420, Україна, Заява 06.06.2011; опубл. 27.02.2012. Бюл. №4, 2012 Хворостов Є.Д., Гриньов Р.М., Душик Л.М.
95	2013 Корисна модель. Спосіб стимуляції мікроциркуляції у хворих на гіпертонічну хворобу, що перебігає на фоні виразкової хвороби. Патент на корисну модель № 83557, зареєстровано 10.09.2013 р. Ніколенко Є.Я., Летік І.В., Александрова Н.К., Сокруто О.В., Вовк К.В., Ніколенко О.С., Шерстюк Л.Л., Захаров О.Г.
96	2013 Корисна модель. Спосіб формування товстокишкового анастомозу. Патент на корисну модель № 84061 10.10.2013 р., Бюл. №19. Бойко В.В., Гусак І.В., Новіков Є.А. та ін.
97	2013 Корисна модель. Спосіб хемопротекторної терапії раку прямої кишки. Патент на корисну модель № 81160 25.06.2013, бюл. №12. Демченко В.М., Свиначенко А.В., Старенький В.П., Сухіна О.М.
98	2013 Корисна модель. Фармацевтична композиція з протизапальною, анальгетичною, репаративною та хондропротекторною активністю. Патент на корисну модель № 102255 Україна, Опубл. 25.06.2013. – Бюл. № 12. – С. 7. Брунь Л.В., Зупанець І.А., Мохорт М.А., Попов С.Б.
99	2013 Патент. Акустичний детектор ядерно-активних часток. Патент України № 78559, опубл. 25.03.2013, бюл. № 6. Іванов С.І.
100	2013 Патент. Диска мікросмужкова антенна. Патент № 85643, бюл. № 22 від 25.11.2013. Дроздов К.С., Майборода Д.В., Погарський С.О., Саприкін І.І., Шаулов Є.А.
101	2013 Патент. Заміщені 9-(5-аміно-3-метилізоксазол-4-іл)-2,3,4,9-тетрагідро-1Н-ксантен-1-они і спосіб їх одержання. Патент України №102939 від 27.08.2013 Руденко Р.В., Муравйова О.О., Чебанов В.А. та ін.
102	2013 Патент. Комп'ютерна програма «Система комп'ютерного моделювання фізичних процесів з використанням безсіткового підходу та атомарних радільних базисних функцій СКМ-АФ». Свідоцтво про реєстрацію авторського права на твір №47194 від 14.01.2013. Лісін Д.О., Колодяжний В.М.
103	2013 Патент. Лазер з плавним регулюванням виведення випромінювання з резонатора Патент України № 105802 опубліковано 25.06.2013, бюл. № 12. Радіонов В.П., Маслов В.О.
104	2013 Патент. Пристрій для впливу оптичного випромінювання in vitro на патогенні

	бактерії. Патент № 80355 UA/ МПК(2013.01) C12N 13/00 A61N П5/06. 2006.01 Дата публікації 27.05.2013. – Бюл. № 10. Коробов А.М., Циганенко А.Я., Мішина М.М., Дубовик О.С.
105	2013 Патент. Пристрій для проведення досліджень локального впливу оптичного випромінювання на пацюків. Патент № 78787 UA A61D 3/00. Дата публікації 25.03.2013 Бюл. № 6. Коробов А.М., Коробов В.А., Лісна Т.О., Лагунов О.М., Пашнєв А.М.
106	2013 Патент. Психодіагностична методика «Структурна статеворольова шкала». // Державна служба інтелектуальної власності України. Структурна статеворольова шкала. Свідоцтво про реєстрацію авторського права на твір № 47034 від 02.01.2013; заява № 47295 від 30.10.2012. О.С. Кочарян, Є.В.Фролова.
107	2013 Патент. Скальпель. Патент №21703/ЗУ/13 від 3.10.2013 на заявку № u 201308620. Бойко В.В., Белозьоров І.В., Савві С.О., Новіков Є.А.
108	2013 Патент. Сонячний колектор. Патент 102598 Україна Опубл. 25.07.2013, Бюл. № 14. А. І. Ценціпер, М. О. Сафонов, С. Ф. Лушпенко.
109	2013 Патент. Спосіб визначення впливу випромінювання фотонної матриці Коробова на здатність до формування біоплівки мікроорганізмами in vitro. Патент № 80293 UA/ МПК(2013.01) G09B 23/28 (2006.01) C12N 13/00 A61N 5/06 (2006.01). Дата публікації 27.05.2013. – Бюл. № 10. Коробов А.М., Циганенко А.Я., Мішина М.М., Дубовик О.С.
110	2013 Патент. Спосіб детектування іонізуючих випромінювань. Патент України № 78176, опубл. 11.03.2013, бюл. № 5. Іванов С.І.
111	2013 Патент. Спосіб дослідження фазових перетворень плавлення – кристалізація в тонких плівках. Патент на винахід №100819. Зареєстровано в Державному реєстрі патентів України на виноходи 25.01.2013. Сухов В. М., Кришталь О. П., Богатиренко С. І., Колендовський М. М., Сухов Р. В.
112	2013 Патент Спосіб дослідження фазових перетворень плавлення – кристалізація в тонких плівках Патент на винахід №100819 Зареєстровано в Державному реєстрі патентів України на виноходи 25.01.2013 Сухов В. М., Кришталь О. П., Богатиренко С. І., Колендовський М. М., Сухов Р. В.
113	2013 Патент. Спосіб збільшення намагніченості насичення високодисперсних феритових матеріалів. Патент 76538 Україна № U 2012 06851 заявл. 05.06.2012; опубл. 10.01.13, Бюл. №1. Ольховик Л.П., Мозуль К. О., Шурінова О.В., Сухов В. М., Ведерникова І.О., Коваль А. О.
114	2013 Патент. Спосіб контролю детоксикації токсинів дифтерії. Патент 80581 Україна. МПК G01N 33/48, G01N 33/483 (2006.01) № U201212005; заявл. 18.10.2012; опубл. 10.06.2013, Бюл. №11. Бабич Є.М., Посохов Є.О., Калініченко С.В., Рижкова Т.А., Скляр Н.І., Антушева Т.І., Белозерський В.І., Егліт В.О.
115	2013 Патент. Спосіб отримання імпланту з пролонгованим звільненням біологічно активних пептидних компонентів. Патент № u201308798 Опубліковано 15.07.2013, бюл. № 10 Шканд Т.В., Рошаль О.Д., Чиж Н.А. та ін.
116	2013 Патент. Спосіб отримання міді при регенерації відпрацьованих сульфатних мідно-цинкових розчинів травлення латуні. Патент на винахід №102479 Україна, МПК C02F 103/1 (2006.01). №201206159; заявл. 22.05.2012; опубл. 10.07.2013; Бюл. №13. Даценко В.В., Хоботова Є. Б., Єгорова Л.М., Ларін В.І.
117	2013 Патент. Спосіб ультразвукового вимірювання пружності біологічних тканин у реальному часі та пристрій для його здійснення. Патент України №100611. Зареєстрований 10.01.2013. Баранник Є.О., Бойченко Ю.П., Динник О.Б., Лінська Г.В. та ін.
118	2013 Патент. Способ обнаружения источников инфракрасного излучения. Патент на изобретение RU 2 498 236 С2. МПК (51). G01J 1/10 (2006.01). Заявл. 08.08.2011.

	Опубл. 10.11.2013. Бюл. №31. Антоненко Є.А., Карпов А.И., Катрич В.А., Ярмольчук С.А.
119	2013 Патент. Сцинтиляційний детектор на основі органічного кристалла. Патент № 21413 /13 від 01.10.2013. Андрищенко Л.А., Тарасов В.О., Гриньов Б.В., Дудник О.В., Курбатов Є.В.
120	2013 Патент. Фотонна матриця Коробових. Патент № 77780 UA A61N 5/06. Дата публікації 25.02.2013 Бюл. № 4. Коробов А.М., Коробов В.А., Коробов Д.А.
121	2014 Корисна модель. ДИСКОВА МІКРОСМУЖКОВА АНТЕНА ЗІ ЩІЛИНАМИ. Патент на корисну модель № 86771 опубліковано 10.01.2014, бюл. № 1/2014 Саприкін І.І., Шаулов Є.А.
122	2014 Корисна модель. Диференційна діагностика кровотеч з нижніх відділів шлунково-кишкового тракту. Науковий твір. Свідectво про реєстрацію авторського права на твір №56872 від 13.10.2014. Цодіков В.В.
123	2014 Корисна модель. Засіб для лікування та профілактики йододефіцитних захворювань. Патент на корисну модель №89316 Бюл. №7 10.04 2014. Гончаренко М. С., Корзун В.Н., Ніконов В.Г.
124	2014 Корисна модель. Застосування таурину як речовини з стрес-протекторною дією. Патент на корисну модель № 88439 11.03.2014. – Бюл. № 5. Кратенко Г.С., Ніколенко Є.Я., Савченко В.М., Сокруто О.В., Вовк К.В., Власенко О.О., Квітчата Г.І.
125	2014 Корисна модель. Комплекс для визначення елементного складу води на різних глибинах водних об'єктів. Патент на корисну модель, № 90315; опубліковано 26.05.2014, бюл. № 10/2014. Полевич О.В., Цимбал В.О., Сіроко Г.В.).
126	2014 Корисна модель. Канал автоматичного супроводження літальних апаратів за напрямком з телевізійним каналом та можливістю розпізнавання ЛА для ЛІВС полігонного випробувального комплексу. G01 S 17/42, G01 S 17/66. Патент України на корисну модель № 88622 – № u201311807; Заяв. 07.10.2013; Опубл. 25.03.2014; Бюл. № 6/2014. – 6 с. Коломійцев О.В., Певцов Г.В., Сачук Г.В. та ін., усього – 10 осіб.
127	2014 Корисна модель. Канал вимірювання кутових швидкостей літальних апаратів з використанням частот міжмодових биттів і МБД та розширеними можливостями для полігонного випробувального комплексу. G01 S 17/42, G01 S 17/66. Патент України на корисну модель № 89458 – № u201311810; Заяв. 07.10.2013; Опубл. 25.04.2014; Бюл. № 8/2014. – 6 с. Коломійцев О.В., Альошин Г.В., Власов А.В. та ін., усього – 10 осіб.
128	2014 Корисна модель. Канал вимірювання кутових швидкостей літальних апаратів з телевізійним каналом та можливістю розпізнавання ЛА для ЛІВС полігонного випробувального комплексу. G01 S 17/42, G01 S 17/66. Патент України на корисну модель № 89499 – № u201312642; Заяв. 28.10.2013; Опубл. 25.04.2014; Бюл. № 8/2014. – 10 с. Коломійцев О.В., Певцов Г.В., Сачук Г.В. та ін., усього – 10 осіб.
129	2014 Корисна модель. Канал вимірювання похилої дальності до літальних апаратів із використанням частот міжмодових биттів і МБД та розширеними можливостями для полігонного випробувального комплексу. G01 S 17/42, G01 S 17/66. Патент України на корисну модель № 88623 – № u201311808; Заяв. 07.10.2013; Опубл. 25.03.2014; Бюл. № 6/2014. – 6 с. Коломійцев О.В., Ольховіков С.В., Орлов С.В. та ін., усього – 10 осіб
130	2014 Корисна модель. Канал вимірювання похилої дальності до літальних апаратів з телевізійним каналом та можливістю розпізнавання ЛА для ЛІВС полігонного випробувального комплексу. G01 S 17/42, G01 S 17/66. Патент України на корисну модель № 89493 – № u201312615; Заяв. 28.10.2013; Опубл. 25.04.2014; Бюл. № 8/2014. – 6 с. Коломійцев О.В., Певцов Г.В., Сачук Г.В. та ін., усього – 10 осіб

131	2014 Корисна модель. Канал вимірювання радіальної швидкості літальних апаратів з використанням частот міжмодових биттів і МБД та розширеними можливостями для полігонного випробувального комплексу. G01 S 17/42, G01 S 17/66. Патент України на корисну модель № 89458 – № u201311810; Заяв. 07.10.2013; Опубл. 25.04.2014; Бюл. № 8/2014. – 6 с. Коломійцев О.В., Ольховіков С.В., Орлов С.В. та ін., усього – 10 осіб.
132	2014 Корисна модель. Канал вимірювання радіальної швидкості літальних апаратів з телевізійним каналом та можливістю розпізнавання ЛА для ЛІВС полігонного випробувального комплексу. G01 S 17/42, G01 S 17/66. Патент України на корисну модель № 89493 – № u201312615; Заяв. 28.10.2013; Опубл. 25.04.2014; Бюл. № 8/2014. – 6 с. Коломійцев О.В., Певцов Г.В., Сачук Г.В. та ін., усього – 10 осіб.
133	2014 Корисна модель. Пристрій для оптимізації паралельної обробки великих масивів даних в кластерних системах. G06F 15/00. Патент України на корисну модель № 89599 – № u201111643; Заяв. 29.11.2013; Опубл. 25.04.2014; Бюл. № 8. – 6 с. Третяк В.Ф., Лістровий С.В., Мінухін С.В., Тимочко О.І. та ін., усього – 10 осіб.
134	2014 Корисна модель. Низькоконцентрований електроліт для отримання матових мідних покриттів. Патент на корисну модель № 95484 опубліковано 25.12.2014, бюл. № 24/2014. Правда А.О., Ларін В.І., Радченкова Г.П.
135	2014 Корисна модель. Пристрій для лікування укороченого стравоходу. Патент на корисну модель № 76521 Україна, МПК А61В 17/00.10.01.2013. – № 1. Бойко В.В., Белозьоров І.В. [та співавт.]
136	2014 Корисна модель. Різальний інструмент з покриттям. Патент на корисну модель № 86915 опубліковано 10.01.2014, бюл. № 1/2014 Новіков М.В., Клименко С.А., Береснев В.М. Копейкіна М.Ю., Літовченко С.В., Торяник І.М., Кропотов О.Ю., Турбін П.В.
137	2014 Корисна модель. Скальпель. Патент на корисну модель № 84164 опубліковано 10.10.2013, бюл. № 19/2013 Бойко В.В., Белозьоров І.В., Савві С.О., Новіков Є.А.
138	2014 Корисна модель. Спосіб визначення генотоксичної дії хімічного або фізичного чинника. Патент Україна, МПК (2013.01) G01N 33/554 заявл. 02.12.2013. № u 2013 13929. Позитивне рішення від 05.03.2014 р. Страшнюк В. Ю., Шакіна Л. О., Скоробагатько Д. О.
139	2014 Корисна модель. Спосіб виготовлення радіаційно безпечних шлаколузних в'язучих на основі відвальних доменних шлаків і метасилікату натрію. Патент 92992 (корисна модель) Україна, МПК С09К 109/00 № u 2014 04264; заявл. 22.04.2014; опубл. 10.09.2014, Бюл. №17/2014. Хоботова Є.Б., Калмикова Ю.С.
140	2014 Корисна модель. Спосіб виділення міді з відпрацьованих мідноаміачних травильних розчинів. Патент на корисну модель № 95469 опубліковано 25.12.2014, бюл. № 24/2014. Добріян М.О., Ларін В.І., Самойлов Є.О.
141	2014 Корисна модель. Спосіб визначення інтегрального індексу інтоксикації організму важкими металами. Патент на корисну модель № 90416 опубліковано 26.05.2014, бюл. № 10/2014. Гончаренко М. С., Коновалова О. О., Андрейко Г. П., Носов К. В., Михайлова О. О., Строїлова Д.В.
142	2014 Корисна модель. Спосіб визначення масової частки фенолів у прополісі. Патент на корисну модель №86848. номер заявки – U 2013 09433; заявл. 29.07.2013; опубл. 10.01.2014, бюл. №1. Максименко Г.І., Юрченко О.І.
143	2014 Корисна модель. Спосіб визначення показників плодючості <i>Drosophila melanogaster</i> в умовах спонтанного ті хімічно індукованого мутагенезу. Патент на корисну модель, №76804. 10.01.2013. Стрижельчик Н.Г., Воробйова Л.І.
144	2014 Корисна модель. Спосіб визначення ступеня ураженості водної екосистеми. Патент на корисну модель №85333. Зареєстровано в державному реєстрі патентів

	України на корисні моделі 11.11.2013. (19) UA. (11) 85333 (13)U (51) МПК (2013) G01N 33/18 (2006/01). Крайнюков О. М.
145	2014 Корисна модель. Спосіб виконання ендовазійної лазерної коагуляції. Патент на корисну модель № 82413 25.07.2013, Бюл. № 14 Бойко В.В., Прасол В.А., Гільов Б.В. та ін.
146	2014 Корисна модель. Спосіб виявлення осіб високого „ризикую” щодо порушень хромосомного апарату у дітей та підлітків із депресивними розладами. Патент на корисну модель, № 10906 МПК (2013) A61B 10/00, G06K 9/00. Заявлено 11.09.2013. Опубліковано 25.12.2013. – Бюл. № 22. – 6 с. Багацька Н.В. Проскурина Т.Ю. Михайлова Є.А. Свідан Інас Гх.
147	2014 Корисна модель. Спосіб відбору проб на різних глибинах водних об'єктів для аналізу ІN. Патент на корисну модель, № 90374 опубліковано 26.05.2014, бюл. № 10/2014 Полевич О.В., Цимбал В.О., Сіроко Г.В.
148	2014 Корисна модель. Спосіб встановлення гранично допустимого рівня токсичності зворотної води. Патент на корисну модель №85348. Зареєстровано в державному реєстрі патентів України на корисні моделі 11.11.2013. (19) UA. (11) 85348 (13) U (51) МПК (2013) G01N 33/18 (2006/01). Крайнюков О. М.
149	2014 Корисна модель. Спосіб діагностики хронічної серцевої недостатності з синдромом гіпотиреозу. Патент на корисну модель № 88440 11.03.2014. – Бюл. № 5. Сокруто О.В., Ніколенко Є.Я., Савченко В.М., Вовк К.В., Власенко О.О., Квітчат Г.І.
150	2014 Корисна модель. Спосіб дослідження екологічного стану водної екосистеми. Патент України на корисну модель № 88189. Зареєстровано в Державному реєстрі патентів України на корисні моделі 11.03.2014. Бюл. № 5. Висоцька О. В., Порван А. П., Жолткевич Г. М., Носов К. В., Утевський А. Ю., Кобрін В. М.
151	2014 Корисна модель. Спосіб ендолімфатичного введення лікарських речовин Патент на корисну модель №84060 10.10.2013 р., Бюл. №19. Бойко В.В., Гусак І.В., Новіков Є.А. та ін.
152	2014 Корисна модель. Спосіб лікування післяопераційної евентрації в гнійну рану Патент на корисну модель № 82852, 12.08.2013 р., Бюл. №15. Бойко В.В., Савві С.О., Новіков Є.А. та ін.
153	2014 Корисна модель. Спосіб отримання імпланту з пролонгованим звільненням біологічно активних пептидних компонентів. Патент України №86783 UA, A61L 27/00, A61K 38/17, A61K 38/02, приор. 15.07.2013, опубл. 10.01.2014, бюл. № 1. Шканд Т.В., Рошаль О.Д., Чиж Н.А., Сандомирський Б.П.
154	2014 Корисна модель. Спосіб попереднього визначення мутагенності ксенобіотиків за показниками плодючості у <i>Drosophila melanogaster</i> Патент на корисну модель, №80356 27.05.2013. Стрижельчик Н.Г., Воробйова Л.І.
155	2014 Корисна модель. Спосіб прогнозування летального виходу у хворих на гострий коронарний синдром у найближчий та віддалений періоди. Патент на корисну модель № 90982 від 10.06.14. Копиця М.П., Вишневська І.Р., Біла Н.В., Титаренко Н.В., Петеньова Л.Л., Опарін О.Л.
156	2014 Корисна модель. Спосіб прогнозування летального результату через 6 місяців після гострого інфаркту міокарда. Патент на корисну модель № 92081 від 25/07/2014 Копиця Н.П., Петюнина О.В, Петенева Л.Л., Титаренко Н.В, Белая Н.В., Гильова Я.В., Вишневська І.Р.
157	2014 Корисна модель. Спосіб прогностичної оцінки тяжкості променевих реакцій шкіри за цитогенетичними показниками у хворих на рак грудної залози. Патент на корисну модель № 89582 25.04.2014, бюл. №8. Вінніков В.А., Мазник Н.О., Свиначенко А.В., Безугла В.С.
158	2014 Корисна модель. Спосіб прогностичної оцінки тяжкості променевих реакцій

	шкіри за цитогенетичними показниками у хворих на рак жіночих статевих органів Патент на корисну модель №89583 25.04.2014, бюл. №8. Вінніков В.А., Мазник Н.О., Свинаренко А.В., Безугла В.С.
159	2014 Корисна модель. Спосіб спектрофотометричного визначення домішок диметилсульфоксиду у воді. Патент на корисну модель № 94023, опубліковано 27.10.2014, бюл. № 20/2014. Шаповалов С.А., Чорна Т.О.
160	2014 Корисна модель. Спосіб укриття низькоактивних радіаційних відходів. Патент на корисну модель, № 88199, опубліковано 11.03.2014, бюл. № 5/2014 Удалов І.В., Окунь А.О.
161	2014 Корисна модель. Спосіб формування товстокишкового анастомозу. Патент на корисну модель №84061 10.10.2013р., Бюл. №19. Бойко В.В., Гусак І.В., Новіков Є.А. та ін.
162	2014 Корисна модель. Спосіб хемопроменевої терапії раку прямої кишки. Патент на корисну модель №81160 25.06.2013, бюл. №12 Демченко В.М., Свинаренко А.В., Старенький В.П., Сухіна О.М.
163	2014 Корисна модель. Фармацевтична композиція, засіб для профілактики та лікування метаболічного синдрому та діабетичної нефропатії та спосіб його отримання. Патент України № 101418 подання від 24.06.2011, Бюл. №6, опубл. 25.03.2013. Горбенко Н.І., Безпалько Л.В., Ржепецька І.М. та ін.
164	2014 Патент. (16Е)-16-Піразолілметилен-17-оксостероїди андростенового і естранового рядів та хірально-нематичні рідкокристалічні суміші на їх основі. Патент України №106657 UA, C07D 231/02, C07J 1/00, C07J 15/00, C09K 19/00, приор. 09.11.2012, опубл. 25.09.2014, бюл. № 18, 13 с. Яременко Ф.Г., Тайдаков І.В., Шешенко Ж.О., Вакула В.М., Школьнікова Н. І., Новікова Н.Б., Рошаль О.Д., Ващенко О.В., Ліпсон В.В.
165	2014 Патент. Акустичний детектор ядерно-активних часток. Патент № 78559, опубл.25.03.2013, бюл.№6 Іванов С.І.
166	2014 Патент. Антена багатосмугова. Патент України на винахід № 109616 заявка № а 2014 08953 опубліковано 10.09.2015, бюл. № 17/2015 Карпов А.И., Катрич В.А., Антоненко Є.А., Кожешкурт В.А., Мустецов Н.П
167	2014 Патент. АНТЕННА РЕШІТКА. Патент України на винахід № 106121 опубліковано 25.07.2014, бюл. № 14/2014 О.І.-Карпов В.О. Катрич Є.О. Антоненко С.А. Ярмольчук.
168	2014 Патент. Заявка на патент України. Спосіб візуалізації орієнтаційної неоднорідності та морфології поверхні монокристала або окремих зерен полікристала. Патент України № 104249, опубліковано 10.01.2014, бюл. № 1/2014 заява № а201214845 Бадіян Є.Ю., Тонкопряд А.Г., Шеховцов О.В., Шурінов Р.В., Казачкова К.С.
169	2014 Патент. Похідні 2,6-діарил-7-гідроксі-5-(2-гідроксифеніл)-4,5,6,7-тетрагідропіразоло[1,5-а]піримідин-7-карбонової кислоти та спосіб їх одержання. Патент України №105557 від 26.05.2014. Сахно Я.І., Мурликіна М.В., Чебанов В.А., Десенко С.М., Афанасіаді Л.М.
170	2014 Патент. Пристрій для бужування стравоходу. Патент 93560 Україна МПК (2014. 01) А61В 18/00 . / (UA). – № u 2014 03804 ; заяв. 11.04.2014. опубл. 10.10.2014, бюл. № 19. Винахідник: В.В. Бойко, А.Ю. Бодрова, О.О. Кравцова, С.О. Савві, В.А. Скрипко.
171	2014 Патент Спосіб визначення домішки 4-амінобутанової кислоти у готовій лікарській формі «Алендронат натрію, таблетки». Патент України № 89999. G01N 33/15 (2006.01), А61К 31/197 (2006.01), G01N 30/14 (2006.01) Ренкевич А.Ю., Куліков А.Ю.
172	2014 Патент. Спосіб візуалізації орієнтаційної неоднорідності та морфології

	поверхні монокристала або окремих зерен полікристала. Патент 104249 Україна, МПК (2013.01), G01N 21/00, G01N 33/20 (2006.1). № а 2012 14845; заявл. 24.12.12.; опубл. 10.01.14, Бюл. №1. Бадіян Є.Ю., Тонкопряд А.Г., Шеховцов О.В., Шурінов Р.В., Зетова Т.Р., Казачкова К.С.
173	2014 Патент. Спосіб детектування іонізуючих випромінювань. Патент № 78176, опубл.11.03.2013, бюл. №5 Іванов С.І.
174	2014 Патент. Спосіб зменшення розмірів лінійних антенних решіток і пристрій для його реалізації. Патент України на винахід № 112110 заявка № а 2014 11836, опубліковано 25.07.2016, бюл. № 14/2016. Карпов А.И., Катрич В.А., Антоненко Є.А., Кожешкурт В.А., Мустецов Н.П
175	2014 Патент. Спосіб лікування гострої анальної тріщини Патент № , Опубл. 2014, Бюл. № , Пром. власність. – 2014. Цодіков В.В.
176	2014 Патент. Спосіб лікування неоперабельних злоякісних захворювань гепатопанкреатобіліарної зони, що ускладнені механічною жовтяницею. Патент № u 2013 13869 від 29.11.2013 р., опубліковано 25.04.2014 р., Бюл. № 8. Бойко В.В., Авдосєв Ю.В., Лаврентьєва О.Ю.
177	2014 Патент. Спосіб лікування судинних уражень сітківки і зорового нерва у хворих з церебральною патологією. Патент МПК А61М 15/00, А61К 31/00 Номер заявки: ua 2013 09836. Дата подання заявки:08.08.2013. Дата, з якої є чинними права: 10.01.2014 Публікація відомостей про видачу патенту: 10.01.2014, Бюл. №1. Горбачова О.В., Роздільська О.М., Тацій Н.П., Зінов'єв Є.В., Катаржнова І.В., Горбачов К.Г.
178	2014 Патент. Спосіб отримання іонообмінного композиту. Патент 93359 Україна. № U 2014 04728; заявл. 05.05.14; опубл. 25.09.14, Бюл. №18 Ткаченко О.С., Пантелеймонов А.В., Холін Ю.В.
179	2014 Патент. Спосіб отримання міді при регенерації відпрацьованих сульфатних мідно-цинкових розчинів травлення. Патент на винахід №102479 Україна, МПК С02F 103/1 (2006.01). №201206159; заявл. 22.05.2012; опубл. 10.07.2013; Бюл. №13 Даценко В.В., Хоботова Є. Б., Єгорова Л.М., Ларін В.І.
180	2014 Патент. Спосіб поліхемотерапії раку яєчників. Патент №87903 UA, МПК А61К 33/24 (2006.01). зареєстровано 25.02.14(бюл. №4) Сухін В.С., Сухіна О.М., Міхановський О.А., Слободянюк О.В.
181	2014 Патент. Спосіб прогнозування осіб високого ризику по виникненню пубертатних маткових кровотеч. Патент № 115314 від 10.04.2017 Диннік В.О., Багацька Н.В., Щербина М.О., Диннік О.О.
182	2014 Патент. Спосіб проти точно-ступінчатої адсорбційної очистки стічних вод від поверхнево-активних речовин в області високих концентрацій. Патент України на винахід №105463 МПК С02F 1/28, В01D 15/02, пріор. 12.05.2014 р. опубл. 12.05.2014 р., Бюл. №9 Хоботова Є. Б., Грайворонська І.В., Ларін В.І., Воробйова А.А.
183	2014 Патент. Спосіб ранньої діагностики рецидивів диференційованого раку щитоподібної залози. Патент 94461 Україна, МПК А 61В/00.; (UA). – № U201406637; заявл. 13.06.14; опубл. 10.11.14, Бюл. № 21. Луховицька Н. І., Ткаченко Г.І., Ткаченко Ю.Г., Грушка Г.В., Паскевич О.І.
184	2014 Патент. Спосіб спектрофотометричного визначення диметилсульфоксиду у воді. Патент № 94023 Україна, МПК G01N 21/78 (2006.01). № u201405100 ; заявл. 01.07.2013 ; опубл. 11.11.2013 ; Бюл. № 21. С.А. Шаповалов, Т.О. Чорна.
185	2014 Патент. Спосіб форсованого бужування стриктур стравоходу / Патент 93529 Україна МПК (2014.01) А61В 17/00 . (UA). – № u 2014 03011; заявл. 24.03.2014. опубл. 10.10.2014, бюл. № 19. Винахідник: В.В. Бойко, І.В. Белозьоров, А.Ю. Бодрова, О.О. Кравцова, Л.А. Бойко, С.О. Савві, В.А. Скрипко.

186	2014 Патент. ШИРОКОСМУГОВА АНТЕННА система. Патент України на винахід № 106120 опубліковано 25.07.2014, бюл. № 14/2014. О.І. Карпов, В.О. Катрич, Є.О. Антоненко, С.А. Ярмольчук.
187	2015 Корисна модель. Спосіб виділення нікотинової кислоти з внутрішньоклітинної речовини дріжджів / (Україна) Патент на корисну модель № 102395. опубл. 26.10.2015. бюл. № 20. Черевко О.І., Юрченко О.І., Максименко Г.І., М'ячиков О.В.
188	2015 Корисна модель. Спосіб отримання міцного алкогольного напою. Патент України на корисну модель №98499. опубл. 27.04.2015, бюл. №8. Черевко О.І., Юрченко О.І., Максименко Г.І., М'ячиков О.В.
189	2015 Корисна модель. Діелектрична дискова антенна. Патент на корисну модель №97247. Опубліковано 10.03.2015, бюл. № 5/2015. Радіонов С.А., Іванченко І.В., Попенко Н.О., Хруслов М.М.
190	2015 Корисна модель. Композитний матеріал на основі діоксиду цирконію для лопаток газових турбін. Патент України на корисну модель 100471 заявка № u201501247, права з 27.07.2015. Панченко С.В., Вовк Р.В., Геворкян Є.С., Мельник О.М
191	2015 Корисна модель. Низькоконцентрований електроліт для отримання матових мідних покриттів. Патент 95484 [корисна модель] Україна, МПК C25D 3/38. № u2014 07589; заявл. 07.07. 2014; опубл. 25.12. 2014, Бюл. №24. Правда А.О., Ларін В.І., Радченкова Г.П.
192	2015 Корисна модель. Пристрій для перетворення позиційного двійкового коду у лишок за довільним модулем. Патент на корисну модель № 92155. 11.08.2014, Бюл. № 15 Горбенко І.Д., Замула О.А., Краснобаєв В.А., Горбенко Ю.І
193	2015 Корисна модель. Пристрій для перетворення позиційного двійкового коду у лишки за двома довільними модулями. Патент на корисну модель № 91894 від 25.07.2014, Бюл. № 14. Горбенко І.Д., Замула О.А., Краснобаєв В.А., Горбенко Ю.І
194	2015 Корисна модель. Спосіб біоадаптивної корекції стану регуляторних систем організму людини в біологічному зворотному зв'язку. Патент на корисну модель: № 84087 опубліковано 10.10.2013, бюл. № 19/2013 Номер заявки: u 2013 04396 Белал С.А., Кулик О.Л., Мартиненко О.В., Яблучанський М.І.
195	2015 Корисна модель. Спосіб вибору препаратів при систолічній дисфункції у підлітків з захворюваннями серця. Патент України на корисну модель № 90669, – К., 2014. – Бюл. № 11 Богмат Л.Ф., Рак Л.І.
196	2015 Корисна модель. Спосіб вибору рентгенхірургічного лікування хворих з портальною гіпертензією, ускладненого кровотечею з варикозно розширених вен стравоходу та шлунка. Патент на корисну модель № 1023113 опубліковано 26.10.2015, бюл. № 20/2015 Бойко В.В., Авдосьєв Ю.В., Мирошніченко Д.О.
197	2015 Корисна модель. Спосіб виділення міді з відпрацьованих мідноаміачних травильних розчинів. Патент 95469 [корисна модель] Україна, МПК C01G3/06. № u2014 07510; заявл. 04.07. 2014; опубл. 25.12. 2014, Бюл. №24. Добріян М.О., Ларін В.І., Самойлов Є.О.
198	2015 Корисна модель. Спосіб визначення імунореактивності організму хворих на ювенільний ревматоїдний артрит. Патент України на корисну модель № 94784, – К., 2014. – Бюл. № 22 Лебець І.С.
199	2015 Корисна модель. Спосіб визначення хромосомних порушень у дітей та підлітків, хворих на ювенільний ревматоїдний артрит. Патент на корисну модель, № 102093. Опубліковано 12.10.2015. Бюл. №19. 4 с. Багацька Н.В., Медзяновська О.В., Лебець І.С., Нефідова В.Є.
200	2015 Корисна модель. Спосіб діагностики діастолічної дисфункції лівого шлуночка серця у підлітків із патологією міокарда. Патент України на корисну модель №



	94767, – К., 2014. – Бюл. № 22. Богмат Л.Ф., Рак Л.И., Ахназарянц Є.Л.
201	2015 Корисна модель. Спосіб нанесення нанозміцнюючого покриття для тонкостінних дискових ножів. Патент України на корисну модель. UA 98218 . Зареєстровано в Держреєстрі патентів України на винаходи 27.04.2015. Скобло Т.С., Романюк С.П. Сідашенко О.І., Гаркуша І.Є. Таран В. С., Муратов Р.М. Бирка О.В.
202	2015 Корисна модель. Спосіб одержання композиційного інструментального матеріалу. Патент на корисну модель № 98877 опубліковано 12.05.2015, бюл. № 9/2015 Панченко С. В., Вовк Р.В., Тимофеева Л. А., Ленів Я. Г.
203	2015 Корисна модель. Спосіб отримання хлориду натрію фармакопейної чистоти (Україна). Патент на корисну модель № 101384 номер заявки U201502295; заявл. 16.03.2015; опубл. 10.09.2015. бюл. № 17. Юрченко О.І., Бакланов О.М., Каліненко О.С.
204	2015 Корисна модель. Спосіб прогностичної оцінки тяжкості променеви реакцій шкіри за цитогенетичними показниками у хворих на рак грудної залози. Патент на корисну модель №89582 25.04.2014, бюл. №8 Вінніков В.А., Мазник Н.О., Свиначенко А.В., Безугла В.С.
205	2015 Корисна модель. Спосіб прогностичної оцінки тяжкості променеви реакцій шкіри за цитогенетичними показниками у хворих на рак жіночих статевих органів. Патент на корисну модель №89583 25.04.2014, бюл. №8 Вінніков В.А., Мазник Н.О., Свиначенко А.В., Безугла В.С.
206	2015 Патент. Антена багатосмугова Патент 109616 UA, МПК H01Q 7/06 (2006.01), H01Q 9/38 (2006.01) заявл. 08.08.2014; опубл. 10.09.2015, Бюл. №17, 2015 р. Карпов О. І., Катрич В.О., Антоненко Є.О.
207	2015 Патент. Батометр. Патент України на корисну модель № 102719. Заявлено 10.11.2015. Берешко І. М., Беспалов Ю. Г., Бетін О. В., Висоцька О. В., Жолткевич Г.М., Носов К. В., Печерська А. І.
208	2015 Патент. Визначення електродинамічних характеристик коаксіального хвилеводу з системою щілин у випадку аксіально-несиметричних хвиль. Свідоцтво про реєстрацію авторського права на твір № 58013. – 2015. Каліберда М. Є., Погарський С. О.
209	2015 Патент. Дистанційний курс "Загальна хімія" Державна служба інтелектуальної власності. Свідоцтво про реєстрацію авторського права №60066 від 08.06.2015 на Твір науково-практичного характеру з ілюстраціями Єгорова Л. М.
210	2015 Патент. Диференційна діагностика кровотеч з нижніх відділів шлунково-кишкового тракту. Науковий твір. Свідоцтво про реєстрацію авторського права на твір №56872 від 13.10.2014 Цодіков В.В.
211	2015 Патент. Лазерний доплерівський вимірювач диференційної швидкості руху металюного елемента в каналі ствола. Патент України № 98737 від 12.09.2015 Крюков О.М., Мудрік В.Г., Доля Г.М.
212	2015 Патент. Методика расчета массовой доли амфотерного состояния минералов отвальных доменных шлаков Державна служба інтелектуальної власності. Свідоцтво про реєстрацію авторського права №60123 від 10.06.2015 на Твір науково-практичного характеру. Хоботова Є.Б., Ларін В. І, Калмикова Ю.С., Рязанцев О. О.
213	2015 Патент. Олійний екстракт топінамбуру. Патент України на корисну модель № 103258, № заявки U201505375, заявл. 02.06.2015, опубл. 10.12.2015, бюл. № 23. Черевко О. І. Юрченко О. І. Максименко Г. І. М'ячиков О. В.
214	2015 Патент. Плазмовий прискорювач. Патент України на винахід. UA 104205 . опубліковано 10.01.2014, бюл. № 1/2014 Бандура А.М., Гаркуша І.Є., Кулик М.В., Стальцов В.В., Чеботарьов В.В.
215	2015 Патент. Пристрій для бужування стравоходу. Патент 93560 Україна МПК

	(2014. 01) A61B 18/00 . / (UA). – № u 2014 03804 ; заяв. 11.04.2014. опубл. 10.10.2014, бюл. № 19. Винахідник: В.В. Бойко, А.Ю. Бодрова, О.О. Кравцова, С.О. Савві, В.А. Скрипко.
216	2015 Патент. Спосіб біодеструктивного впливу на патогенні і умовно-патогенні мікроорганізми UA 97422 U МПК(2015.01) C 12 Q 1/04 (2006.01) C 12 N 13/00 Попов М. М. Маланчук С. Г. Філімонова Н. І. Мішина М. М. Коробов А. М. Ляпунов М. О. Мішин Ю. М.
217	2015 Патент. Спосіб вибору тактики рентген хірургічного лікування кровотеч із варикозно-розширених вен стравоходу та шлунка 102311 Україна, МПК А61В 17/00. Заявл. 22.04.15.; Опубл. 26.10.2015, Бюл. №20 Бойко В. В. Авдосьєв Ю. В. Мирошниченко Д. О.
218	2015 Патент. Спосіб визначення гідрогелю в біологічних тканинах. Патент № 109751 UA, G01N 33/483, приор. 26.09.2014, опубл. 25.09.15, бюл. № 18. Шканд Т.В., Чиж Н.А., Слета І.В., Татарець А.Л., Рошаль О.Д., Паценкер Л.Д., Сандомирский Б.П.
219	2015 Патент. Спосіб визначення групи ризику розвитку неалкогольної жирової хвороби печінки у хворих на цукровий діабет 2 типу. Пат. 104687 UA, МПК (2015) А61В 5/00 33/68 № u 2015 08484 ; заявл. 31.08.2015; опубл. 10.02.2016, Бюл. № 3. Атраментова Л. О., Кравчун Н. О., Горшунська М. Ю., Тижненко Т. В.
220	2015 Патент. Спосіб вимірювання рівня глюкози у крові. Патент № 107833 UA МПК А61В. Дата публікації 25.02.2015 Бюл. № 4 Антоненко Є.О., Карпов О.І., Катрич В.О., Мустецов М.П.
221	2015 Патент. Спосіб діагностики ендотеліальної дисфункції у підлітків із артеріальною гіпертензією та гіперурикемією Патент 95701, UA, МПК А61В 10/00 Корєєв М.М., Богмат Л.Ф., Бессонова І.М.
222	2015 Патент. Спосіб діагностики рекуррентного депресивного розладу у період статевого дозрівання 101994 МПК (2015) А61В 5/00, 5/0476, 10/00, заяв. 15.04.15; опубл. 12.10.15. – Бюл. №. 19. Проскуріна Т. Ю., Михайлова Є. А., Матковська Т. М., Мителев Д. В., Решетовська Н. Є.
223	2015 Патент. Спосіб експериментального відтворення основних патогенетичних ланок цукрового діабету 2 типу МПК (2006.01) G09B 23/28 № u 2015 05760 ; заявл. 11.06.2015 ; опубл. 25.11.2015, Бюл. № 22 Полторак В. В., Гладких О. І., Лещенко Ж. А., Красова Н. С., Тижненко Т. В., Опалейко Ю. А.
224	2015 Патент. Спосіб кріоконсервування еритроцитів людини. Патент № 92248. Бюл. № 5. – 2014. Ніколенко О.В., В'язовська О.В., Чеканова В.В.
225	2015 Патент. Спосіб лікування гострої анальної тріщини. Патент № , Опубл. 2014, // Бюл. № , Пром. власність. – 2014. Цодіков В.В.
226	2015 Патент. Спосіб лікування неоперабельних злоякісних захворювань гепатопанкреатобіліарної зони, що ускладнені механічною жовтяницею. Патент № u 2013 13869 від 29.11.2013 р., опубліковано 25.04.2014 р., Бюл. № 8. Бойко В.В., Авдосьєв Ю.В., Лаврентьєва О.Ю.
227	2015 Патент. Спосіб лікування післяпроменевого пульмонітів у хворих на рак легень. Патент 98387. Україна МПК А61N 5/10 № u 201412339; заявл.17.11.2014; опубл. 27.04.2015. Бюл. №8 Гайсенюк Л.О., Кулініч Г.В., Савченко А.С.
228	2015 Патент. Спосіб лікування судинних уражень сітківки і зорового нерва у хворих з церебральною патологією. Патент МПК А61М 15/00, А61К 31/00 Номер заявки: ua 2013 09836. Дата подання заявки: 08.08.2013. Дата, з якої є чинними права: 10.01.2014 Публікація відомостей про видачу патенту: 10.01.2014, Бюл. №1. Горбачова О.В., Роздільська О.М., Тацій Н.П., Зінов'єв Є.В., Катаржнова І.В., Горбачов К.Г.
229	2015 Патент. Спосіб пластики стравоходу шлунком. Опубліковано 2015, Бюл. №2;

	№ заявки U 2015 07966 Бойко В. В. Савві С. О. Бодрова А. Ю. Новіков Є. А.
230	2015 Патент. Спосіб поліхемотерапії раку яєчників. Патент №87903 UA, МПК А61К 33/24 (2006.01). зареєстровано 25.02.14(бюл. №4) Сухін В.С., Сухіна О.М., Міхановський О.А., Слободянюк О.В.
231	2015 Патент. Спосіб ранньої діагностики абсцедування тканин надгортанника (UA) – № 101632 у Заявл. U 2015 02579 23.03.2015. Опубл. 25.09.2015 Бюл. №18 Гарюк Г. І., Почуєва Т. В., Кулікова О. О., Давиденко В. Л., Федулєнкова Ю. Я.
232	2015 Патент. Спосіб ранньої діагностики рецидивів диференційованого раку щитоподібної залози. Пат. 94461 Україна, МПК А 61В/00.; (UA). – № U201406637 ; заявл. 13.06.14; опубл. 10.11.14, Бюл. № 21. Луховицька Н. І., Ткаченко Г.І., Ткаченко Ю.Г., Грушка Г.В., Паскевич О.І.
233	2015 Патент. Спосіб форсованого бужування стриктур стравоходу Патент 93529 Україна МПК (2014.01) А61В 17/00 . (UA). – № u 2014 03011; заявл. 24.03.2014. опубл. 10.10.2014, бюл. № 19. Винахідник: В.В. Бойко, І.В. Белозьоров, А.Ю. Бодрова, О.О. Кравцова, Л.А. Бойко, С.О. Савві, В.А. Скрипко.
234	2015 Патент. Спосіб ступенчатої адсорбційної очистки сточних вод шлаковим сорбентом с забезпеченням замкнутості циклу оборотного водоснабження. Патент 2557592 [на изобретение] Российская федерация, МПК C02F 1/28, B01D 15/02 2013148299/05; заявл. 29.10.2013; опубл. 27.07.2015, Бюл. № 21. Хоботова Є. Б., Грайворонська І. В.
235	2015 Патент. Термомеханічний пристрій для одержання великих переміщень робочого штока № а 2013 01503; заявл. 08.02.13.; опубл. 2015 р. Бадіян Є. Ю., Тонкопряд А. Г., Шеховцов О. В., Шурін Р. В., Тимошук А. М.
236	2015 Патент. Термомеханічний пристрій для одержання великих переміщень робочого штока. Патент України №108245 опубліковано 10.04.2015, бюл. № 7/2015 Бадіян Є. Ю., Тонкопряд А. Г., Шеховцов О. В., Шурін Р. В., Тимошук А. М.
237	2016 Корисна модель. Канал автоматичного супроводження літальних апаратів за напрямком з використанням частот міжмодових биттів та додаткового сканування для мобільної суміщеної вимірювальної системи. Патент України на корисну модель № 107494 від 10.06.2016 Нарезній О. П., Коломійцев О. В., Сачук І. І.
238	2016 Корисна модель. Канал вимірювання кутових швидкостей літальних апаратів з можливістю формування та обробки зображення ла для мобільної суміщеної вимірювальної системи. Патент України на корисну модель № 10509010 від 10.03.2016 Толстолузька О. Г., Коломійцев О. В., Певцов Г. В., Сачук Г. В.
239	2016 Корисна модель. Канал вимірювання кутових швидкостей літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної суміщеної вимірювальної системи. Патент України на корисну модель № 107495 від 10.06.2016 Нарезній О. П., Коломійцев О. В., Сачук І. І.
240	2016 Корисна модель. Канал вимірювання похилої дальності до літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної суміщеної вимірювальної системи. Патент України на корисну модель № 107493 від 10.06.2016 Нарезній О. П., Коломійцев О. В., Сачук І. І.
241	2016 Корисна модель. Канал вимірювання радіальної швидкості літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної суміщеної вимірювальної системи. Патент України на корисну модель № 108502 від 25.07.2016 Нарезній О. П., Долгов В. І., Лисицька І. В., Горбенко Ю. І., Лисицький К.Є., Родінко М. Ю.
242	2016 Корисна модель. Канал вимірювання радіальної швидкості літальних апаратів з використанням частот міжмодових биттів та можливістю пошуку і розпізнавання ЛА для мобільної суміщеної вимірювальної системи. Патент України на корисну модель № 110325 від 04.03.2016 Нарезній О. П., Коломійцев О. В., Сачук І. І.

243	2016 Корисна модель. Пристрій для вимірювання ємності нікель-цинкових акумуляторів. Патент України на корисну модель № 103859 № заявки U201413875, заявл. 24.12.2014, опубл. 12.01.2016, бюл. № 1 Марков В. В., Юрченко О. І.
244	2016 Корисна модель. СКЛАД ЕЛЕКТРОІЗОЛЯЦІЙНОГО ПОКРИТТЯ Номер заявки:u201511053 дата подання заявки: 12.11.2015. Патент опубліковано 16.03.2016, бюл. № 4989/ЗУ/16 МПК (2006.01): H01B 3/02 Панченко С. В., Вовк Р. В., Тимофеева Л. А., Тимофеев С. С., Дьомін А. Ю.
245	2016 Корисна модель. Спосіб лікування дорослих хворих з соматоформними розладами. Патент на корисну модель № 107144, опубліковано 25.05.2016, бюл. № 10/2016 заява № u201511162 Пономарьов В.І., Суворова-Григорович А.О., Вовк В.І., Слюсар В.В., Водка М.Є.
246	2016 Корисна модель. Спосіб лікування органічних депресивних розладів у дорослих хворих. Патент на корисну модель № 107162, опубліковано 25.05.2016, бюл. № 10/2016, заява №u201511263 Пономарьов В.І., Суворова-Григорович А.О., Вовк В.І., Слюсар В.В., Водка М.Є.
247	2016 Корисна модель. Спосіб локалізації важких металів, які мігрують у техногенних потоках забруднення. Патент України на корисну модель № 108686 від 25.07.2016 р. Полевич О. В., Удалов І. В.
248	2016 Корисна модель. Спосіб отримання теплоізоляційного матеріалу на основі грануляту з рідкого скла. Патент України на корисну модель № 105759 від 11.04.2016. Пінчукова Н. О., Волошко О. Ю., Чебанов В. А., Римар Т. Є., Крючкова К. Ю.
249	2016 Корисна модель. Суміш для обробки ран тварин «ОВЕНТОЛ-1Н». Патент України на корисну модель № 107756. № заявки U 201511545, заявл. 23.11.2015, опубл. 24.06.2016, бюл. № 12 Коцюмбас І. Я., Юрченко О. І., Величко В. О., Авдос'єва І. К., Максименко Г. І.
250	2016 Патент. Антена дводіапазонна. Патент України UA 112505. Заявл. 10.08.2015. Опубл. 12.09.2016. Бюл. №17 Карпов О. І., Катрич В. О., Антоненко Є. О.
251	2016 Патент. Антена направленої дії. Патент України UA 112506 Заявл. 10.08.2015. Опубл. 12.09.2016. Бюл. №17 Карпов О. І., Катрич В. О., Антоненко Є. О.
252	2016 Патент. Дискава мікросмужкова антена з логоперіодичними випромінювачами. Патент опубліковано 12.12.2016, бюл. № 23/2016 H01Q 21/00, H01Q 1/38 (2006.01) Погарський С. О., Майборода Д. В.
253	2016 Патент. Інструмент або виріб з багатошаровим наномасштабним покриттям. Патент на корисну модель від 19.09.2016 C23C/28.00: C23C 30/00 Україна. Погребняк А. Д., Кравченко Я. О., Лісовенко М. О., Береснев В. М., Бондар О. В., Столбовой В. О.
254	2016 Патент. КОМПОЗИТНИЙ МАТЕРІАЛ НА ОСНОВІ ДІОКСИДУ ЦИРКОНІЮ ДЛЯ ЛОПАТОК ГАЗОВИХ ТУРБІН. Дата, з якої є чинними права на винахід: 10.03.2016. Публікація відомостей про видачу патенту: 10.03.2016, Бюл. № 5 Панченко С. В., Вовк В. В., Геворкян Є. С., Мельник О. М.
255	2016 Патент. Композитний матеріал на основі діоксиду цирконію для лопаток газових турбін. Номер заявки: а 2014 13555. Дата подання заявки: 17.12.2014. Дата, з якої є чинними права на винахід: 10.03.2016. Публікація відомостей про заявку: 27.04.2015, Бюл. № 8. Публікація відомостей про видачу патенту: 10.03.2016, Бюл. № 5 Панченко С. В., Вовк Р. В., Геворкян Є. С., Мельник О. М.
256	2016 Патент. Лазер з плавним регулюванням виведення випромінювання з резонатора. Патент на винахід України №110672. Родіонов В. П., Маслов В. О.
257	2016 Патент. Лазерний доплерівський вимірювач диференційної швидкості руху металюного елемента в каналі ствола. Патент України № 104232 від 25.01.2016 Доля Г. М., Крюков О. М., Мудрік В. Г.

258	2016 Патент. Перестроювана дискова мікросмужкова антена з додатковими закорочувальними елементами. Патент опубліковано 24.06.2016, бюл. № 12/2016 H01Q 1/38 (2006.01), H01Q 21/00. Погарський С. О.
259	2016 Патент. Пристрій для дифузійного відпалу зразків металів та сплавів від 10.08.2015. Якименко І. І., Стервоєдов М. Г., Азаренков М. О., Семененко В. Є.
260	2016 Патент. Пристрій для дифузійного відпалу зразків металів та сплавів 25.04.2016 р., Державний реєстр патентів України на корисні моделі. Якименко І. І., Стервоєдов М. Г., Азаренков М. О., Семененко В. Є.
261	2016 Патент. Пристрій для з'єднання нерухомого хвилеводу НВЧ-випромінювання з обертовим об'ємним резонатором. Патент України №112133 від 25.07.2016 Пінчукова Н. О., Волошко О. Ю., Чебанов В. А., Самойлов В. Л.
262	2016 Патент. Пристрій для контролю та діагностики даних, що репрезентовані у системі залишкових класів. Патент на винахід №112731 від 10.10.16 р. Краснобаєв В. А., Власенко А. М., Янко А. С., Кошман С. О., Рассомахін С. Г., Лавровська Т. В.
263	2016 Патент. Пристрій для множення лишків а та в за довільним модулем m системи залишкових класів. Патент України № 110901 від 25.02.2016 Горбенко І. Д. Краснобаєв В. А., Янко А. С., Кошман С. О., Горбенко Ю. І.
264	2016 Патент. Пристрій для множення лишків а та чисел за модулем m. Патент України № 110913 від 25.02.2016. Горбенко І. Д., Краснобаєв В. А., Янко А. С., Кошман С. О., Горбенко Ю. І.
265	2016 Патент. Пристрій для реалізації множення та ділення чисел у системі залишкових класів. Патент України № 112034 від 11.07.2016 Краснобаєв В. А., Янко А. С., Кошман С. О., Курчанов В. М.
266	2016 Патент. Пристрій радіаційно-охоронний пакувальний для транспортування радіоізотопних джерел швидких нейтронів. Патент України, 10.06.2016, Бюл.№ 11. Островських В. Є., Рудичев Є. В., Сапелкіна Г. В.
267	2016 Патент. Пристрій фільтрації параметрів траєкторії балістичної цілі та визначення елементів орбіти космічного об'єкту. Патент України № 107172 від 25.05.2016 р. Андреев Ф. М., Статкус А. В.
268	2016 Патент. Пристрій фільтрації та радіаційної контролю вмісту радіоактивних аерозолів у повітрі 25.04.2016 р., Державний реєстр патентів України на корисні моделі Якименко І. І., Стервоєдов М. Г., Азаренков М. О., Серединська А. М.
269	2016 Патент. Свідоцтво про відповідність системи вимірювань вимогам ДСТУ ISO 10012:2005. Позитивне рішення. Свідоцтво № 01-0055/2016 від 23 червня 2016 р. Свідоцтво чинне протягом трьох років з дати реєстрації. Гарбуз А. Г.
270	2016 Патент. Свідоцтво про відповідність системи вимірювань вимогам ДСТУ ISO 10012:2005. Позитивне рішення. Свідоцтво № 01-0132/2016 від 15 грудня 2016 р. Свідоцтво чинне протягом трьох років з дати реєстрації. Крайнюков О. М.
271	2016 Патент. Спосіб бонітування ґрунтів. Пат. № 104479 України МПК (2016): A01B 79/02 (2006.01), G01N 33/24 (2006.1). Медведєв В. В. Пліско І. В.
272	2016 Патент. Спосіб визначення внутрішніх дефектів у стінах приміщень. Патент України №107207, МПК G01B 11/16 від 25.06 2016 р. Громико І. О.
273	2016 Патент. Спосіб градування імпульсних цифрових фазометрів 25.04.2016 р., Українським інститутом інтелектуальної власності. Андреев Ф. М. Статкус А. В.
274	2016 Патент. Спосіб зменшення розмірів лінійних антенних решіток і пристрій для його реалізації. Патент України UA 112110. Заявл. 03.11.2014 Карпов О. І., Катрич В. О., Мустецов М. П., Кожешкурт В. О., Антоненко Є. О.
275	2016 Патент. Спосіб криптографічного перетворення двійкових даних. Патент на винахід № 111448 від 25.04.2016 Горбенко І. Д., Долгов В. І., Лисицька І. В., Горбенко Ю. І., Лисицький К. Є., Родінко М. Ю.

276	2016 Патент. Спосіб криптографічного перетворення двійкових даних (варіанти). Патент на винахід № 111547 від 10.05.2016. Горбенко І. Д., Долгов В. І., Лисицька І. В., Горбенко Ю. І., Лисицький К. Є., Родінко М. Ю.
277	2016 Патент. Спосіб лікування дорослих хворих з алкогольною залежністю МПК (2016.01) А61К 45/00, А61Р 25/18(2006.01), А61Р 25/32 (2006.01) Пономарьов В. І., Суворова-Григорович Г. О., Пономарьова В. В., Анцупова В. В.
278	2016 Патент. Спосіб лікування дорослих хворих з соматоформними розладами МПК (2016) А61К 36/00, А61Р 25/24, 25/22 (2006.01) Пономарьов В. І., Суворова-Григорович Г. О., Вовк В. І., Слюсар В. В., Водка М. Є.
279	2016 Патент. Спосіб медичної реабілітації дорослих хворих з астеничними (емоційно лабільними) розладами МПК (2016.01) А61К 35/00 А61Р 25/28 (2006.01) № 19546/ЗУ/16 від 28.09.2016 Пономарьов В. І., Суворова-Григорович Г. О., Пономарьова В. В., Вовк В. І.
280	2016 Патент. Спосіб одержання ріжучого інструмента на основі композиційного матеріалу з кубічного нітриду бору UA 112895 C2 заявка № а201412539, права з 10.11.2016, Бюл. №21. Панченко С. В., Вовк Р. В., Тимофєєва Л. А., Ленів Я. Г.
281	2016 Патент. Спосіб отримання ультрадисперсних кристалічних фаз із розчинів органічних сполук. Патент України на корисну модель № 107372 від 10.06.2016. Волошко О. Ю., Пінчукова Н. О., Чебанов В. А., Шишкін О. В.
282	2016 Патент. Спосіб очищення кухонної солі. Патент України на корисну модель № 109007, № заявки U2016 00966, заявл. 08.02.2016, опубл. 10.08.2016, бюл. № 15. Юрченко О. І., Калиненко О. С., Бакланов О. Н.
283	2016 Патент. Спосіб прогнозування шляхів морфогенезу in vitro за ступенем ефективності введення в культуру ліній та сортів пшениці м'якої ( <i>Triticum aestivum</i> L.) зі встановленим станом локусів генів VRN і PPD. Патент України № 106559, дата публікації відомостей 25.04.2016, Бюл. № 8. <a href="http://uapatents.com/7-106559-sposib-prognozuvannya-shlyakhiv-morfogenezu-in-vitro-za-stupenem-efektivnosti-vvedennya-v-kulturu-linijj-ta-sortiv-myako-pshenici-triticum-aestivum-l-z">http://uapatents.com/7-106559-sposib-prognozuvannya-shlyakhiv-morfogenezu-in-vitro-za-stupenem-efektivnosti-vvedennya-v-kulturu-linijj-ta-sortiv-myako-pshenici-triticum-aestivum-l-z</a> . Жмурко В. В., Авксентьєва О. О., Петренко В. А.
284	2016 Патент. Сцинтиляційний елемент та спосіб його виготовлення. Пат. 111455 України, МПК G01T 1/20. № а201506128 ; заявл. 22.06.2015; опубл. 25.04.2016 , Бюл. № 8 . Бояринцев А. Ю., Неподкупна Т. А., Онуфрієв Ю. Д., Караваєва Н. Л., Креч А. В., Галунов М. З.
285	2016 Патент. Тримач для нагрівання та дослідження зразків у просвічуючому електронному мікроскопі ПЕМ-125К. Заявка на патент, прийнята 09.09.16 Сухов В. М., Богатиренко С. І., Кришталь О. П., Сухов Р. В.
286	2016 Патент. Ультразвуковий діагностичний прилад. Зареєстровано 11.04.2016. Патент України на промисловий зразок №32290 Баранник Є., Марусенко А., Пупченко В., Бойченко Ю., Князєв О., Лінська Г., Овчаренко Є.
287	2016 Патент. Установа безперервного зневоднення органічних розчинників за допомогою цеолітних матеріалів Патент України на корисну модель № 107395 від 10.06.2016 Пінчукова Н. О., Волошко О. Ю., Чебанов В. А.
288	2017 Корисна модель. Двокомпонентний диференційний лазерний доплерівський вимірювач швидкості руху метального елемента і каналі ствола № 118927 Україна. опубл. 28.08.2017, бюл. №16 Доля Г. М., Крюков О. М.
289	2017 Корисна модель. Катодний витрачуваний електрод для вакуумно-дугового переплаву Патент України на корисну модель № 114986 від 28.08.2017 Ткаченко В. І.
290	2017 Корисна модель. Пристрій для визначення дійсних лишків дійсних та комплексних чисел за модулями системи залишкових класів ДП на корисну модель № 119904, Україна, МПК G 06 F 11/08 (2006/01), H03M 7/18 (2006/01). № u 2017

	04681. Заявл. 15.05.2017. Опубл. 10.10.2017, Бюл. № 19 Краснобаєв В. А., Кошман С. А., Рассомахін С. Г., Кузнецов О. О., Янко А. С.
291	2017 Корисна модель. Пристрій для визначення лишків натурального числа за довільним модулем у системи залишкових класів ДП на корисну модель № 119758, Україна, МПК (2017.01) G 06 F 5/00. № у 2017 03016. Заявл. 30.03.2017. Опубл. 10.10.2017, Бюл. № 19 Краснобаєв В. А., Кошман С. А., Рассомахін С. Г., Кузнецов О. О.
292	2017 Корисна модель. Пристрій для виробництва бактерійної біомаси в реакційному об'ємі. Патент України на корисну модель № 118172 від 25.07.2017 Ткаченко В. І.
293	2017 Корисна модель. Спосіб виготовлення електроду для електрохімічного визначення аскорбінової кислоти. U 2017 00185; дата пріор. 05.05.14. Бюл. №13, 10.07.2017. Холін Ю. В. Пантелеймонов А. В. Ткаченко О. С.
294	2017 Корисна модель. Спосіб визначення біологічного ефекту гамма-випромінювання. Номер заявки: у 2016 12382, дата подання заявки: 05.12.2016. Номер патенту: 116236, опубл. 10.05.2017. Шкорбатов Ю. Г., Ніколов О. Т., Кузнецов К. А.
295	2017 Корисна модель. Спосіб відновлення робочих поверхонь чавунних деталей УКРАЇНА (19) UA (11) 119834 (13) U (51) МПК (2017.01) B23P 6/00. (21) Номер заявки: у 2017 03850. (22) Дата подання заявки: 19.04.2017. (24) Дата, з якої є чинними права на корисну модель: 10.10.2017. (46) Публікація відомостей про видачу патенту: 10.10.2 Панченко С. В., Вовк Р. В., Тимофєєва Л. А., Тимофєєв С. С., Дьомін А. Ю., Воскобойников Д. Г.
296	2017 Корисна модель. Спосіб імунокорекції бактеріального запального процесу. Патент на корисну модель № 117986. Зареєстровано в Дер. Реєстрі патентів України на корисні моделі 10.07.2017. Номер заявки у 2017 02855; Дата подачі заявки 27.03.2017; Дата, з якої є чинними права на корисну модель 10.07.2017. Коваленко Т. І., Клімова О. М., Божков А. І., Мінухін В. В.
297	2017 Корисна модель. Спосіб інтраопераційного попередження розвитку кровотеч у пацієнток гінекологічного стаціонару одного дня МПК: А61В 17/42 (2006.01), А61М 31/00 u201706560 10.11.2017, бюл. № 21/2017. Юрченко О. М.
298	2017 Корисна модель. Спосіб комбінованого медикаментозного знеболення вишкрібання порожнини матки МПК: А61К 31/46 (2006.01), А61Р 23/00, А61Р 29/00 № u201609642. Красносельский Н. В., Крутько Є. Н., Юрченко О. Н.
299	2017 Корисна модель. Спосіб лікування гіпоксії у хворих з травматичною хворобою при політравмі 11.12.2017 u201705778 12.06.2017, бюл. № 23 МПК (2006) А61К 31/00 А61Р 19/00 А61Р 25/00. Матвєєнко М. С., Белозьоров І. В., Волкова Ю. В., Баранова Н. В.
300	2017 Корисна модель. Спосіб лікування хворих з легеневиими кровотечами. Заява на патент за № г 2016 06794 від 22.06.2016 р. Бойко В. В. Пономарьова К. В., Мінухін Д. В., Краснояружський А. Г., Токарев А. В., Авдосьєв Ю. В.
301	2017 Корисна модель. Спосіб оперативного моніторингу розповсюдження хохулі звичайної ( <i>Desmana moschata</i> Linnaeus, 1758). Патент на корисну модель № 118821. Зареєстровано в Державному реєстрі патентів України на корисні моделі 28.08.2017. Номер заявки: у 2017 02687. Скоробогатов Є. В., Палькіна М. Д.
302	2017 Корисна модель. Спосіб отримання водорозчинних компонентів з біомаси мікроводоростей. Патент на корисну модель UA 116131 МПК C12N 1/12 (2006.01); C11B 1/10 (2006.01) № заявки у 2016 11611, Дата подання заявки 17.11.2016, Дата, з якої є чинними права на корисну модель 10.05.2017. Божков А. І., Голтвянський А. В.
303	2017 Корисна модель. Спосіб отримання йодовано-фторованої кухонної солі №

	заявки U201605127, заявл. 11.05.2016, опубл. 26.12.2016, бюл. № 24. Юрченко О. І., Бакланова Л. В., Бакланов О. М., Черножук Т. В.
304	2017 Корисна модель. Спосіб отримання кухонної солі, що не злежується. Патент України на корисну модель № 118718: Спосіб отримання кухонної солі що не злежується / Юрченко О. І., Черножук Т.В., Бакланова Л. В., Бакланов О. М. № заявки U 201701487, заявл. 16.02.2017, опубл. 28.08.2017, бюл. № 16/2017 Юрченко О. І. Черножук Т. В. Бакланова Л. В. Бакланов О. М.
305	2017 Корисна модель. Спосіб очищення кухонної солі. Патент України на корисну модель № 117720, № заявки U 201612918, заявл. 19.12.2016, опубл. 10.07.2017, бюл. № 13/2017 Юрченко О. І., Черножук Т. В., Бакланова Л. В., Бакланов О. М.
306	2017 Корисна модель. Спосіб превентивного інтраопераційного знеболення пахової лімфодисекції 10.03.2017 u201609537 10.03.2017, бюл. № 5 МПК (2006) А61М 19/00 А61В 17/00 Красносельский Н. В., Крутько Є. Н., Юрченко О.Н.
307	2017 Корисна модель. Спосіб превентивного інтраопераційного знеболення вишкрібання порожнини матки МПК: C07D 489/02 (2006.01), А61Р 23/02(2006.01), А61К 31/485 (2006.01) u201609166 27.02.2017, бюл. № 4/2017 Красносельский Н. В., Георгіянц М. А., Крутько Є. Н., Юрченко О. Н.
308	2017 Корисна модель. Спосіб превентивного інтраопераційного знеболення шийної лімфодисекції МПК: А61М 19/00 u201700420 25.09.2017, бюл. № 18/2017 Красносельский Н. В., Крутько Є. Н., Юрченко О. Н.
309	2017 Корисна модель. Спосіб превентивного інтраопераційного знеболення над-підключично-підпахово-підлопаткової лімфодисекції МПК: А61М 19/00 u201700421 25.09.2017, бюл. № 18/2017 Красносельский Н. В., Крутько Є. Н., Юрченко О. Н.
310	2017 Корисна модель. Спосіб прогнозування ризику летального виходу у пацієнтів з гострим коронарним синдромом. Патент № 113574 МПК: А61В8/00; G01N33/48, 33/53 ; - заявка № u 201606391 Копиця М. П., Вишневська І. Р., Петюніна О. В., Титаренко Н. В., Петенева Л. Л., Гільова Я. В., Родіонова Ю. В.
311	2017 Корисна модель. Спосіб флуоресцентного визначення критичної концентрації міцелоутворення неіоногенних поверхнево активних речовин у воді. Номер 120049, заявка від 27.03.2017, опубліковано 25.10.2017, Бюл. № 20 Шаповалов С. А., Кириченко О. В.
312	2017 Патент. Antenna and substrate treating apparatus including the same filed October 12, 2015, and issued May 11, 2017 Kashaba A., Chang L. S., Kim S. R., Yang J. Y.
313	2017 Патент. Apparatus and method for treating substrate filed January 08, 2016, and issued May 22, 2017 Kashaba A.
314	2017 Патент. Apparatus and methods for treating substrate filed December 12, 2015, and issued May 10, 2017 Kashaba A.
315	2017 Патент. Apparatus for generating electric field, apparatus for treating substrate comprising the same, and method for controlling the same filed December 30, 2015, and issued July 10, 2017 Kashaba A.
316	2017 Патент. Substrate treating apparatus filed December 12, 2015, and issued May 10, 2017 Kashaba A.
317	2017 Патент. Азимутальне вихідне дзеркало лазерного резонатора. Патент на винахід України №115126 від 10.04.2017. Дзюбенко М. І., Маслов В. О., Радіонов В. П.
318	2017 Патент. Високоточний пристрій фільтрації параметрів траєкторії балістичної цілі та визначення елементів орбіти космічного об'єкту. Патент на корисну модель №120227 , зареєстровано в державному реєстрі патентів України на корисну модель 25.10.2017, Бюл. № 20. Андреев Ф. М., Статкус А. В.



319	2017 Патент. Голографічний візоконтрастометр. Титар В. П., Шпаченко О. В.
320	2017 Патент. Голографічний макулостимулятор. Патент України на корисну модель № 115668. Публ. відомостей 25.04.2017. Бюл. № 8 про видачу патенту Титар В. П., Шпаченко О. В.
321	2017 Патент. Дводіапазонна дискова мікросмужкова антена з логоперіодичними випромінювачами № 116078, 10.05.2017, бюл. № 9. Майборода Д. В., Погарський С. О.
322	2017 Патент. ДСТУ 8727:2017 Осад стічних вод. Підготування органо-мінеральної суміші з осаду стічних вод ДСТУ 8727:2017 м. Київ, ДП «УкрНДНЦ» Гриценко А. В., Горбань Н. С., Зінченко І. В., Шостенко О. Ю.
323	2017 Патент. Захисний екран від електромагнітного випромінювання НВЧ-діапазону. Патент на винахід України № 113886 від 27.02.2017 Кокодій М. Г., Тіманюк В. О.
324	2017 Патент. Износостойкое покрытие для режущего инструмента. Патент Российской Федерации № 2 620 521. Новиков В. Ю., Колесников Д. А., Береснев В. М.
325	2017 Патент. Канал автоматичного супроводження літальних апаратів за напрямком з можливістю формування та обробки зображення ЛА для мобільної суміщеної лазерної вимірювальної системи. Патент України на корисну модель № 114662 – u201610506; Опубл. 10.03.2017; Бюл. № 5 Нарежній О. П., Коломійцев О. В., Сачук І. І.
326	2017 Патент. Канал вимірювання похилої дальності до літальних апаратів з можливістю формування та обробки зображення ЛА для мобільної суміщеної лазерної вимірювальної системи. Патент № 114945 – u201610465; Опубл. 27.03.2017; Бюл. № 6 Нарежній О. П., Коломійцев О. В., Сачук І. І.
327	2017 Патент. Канал вимірювання радіальної швидкості літальних апаратів з можливістю формування та обробки зображення ЛА для мобільної суміщеної лазерної вимірювальної системи. Патент № 114946 – u201610466; Опубл. 27.03.2017; Бюл. № 6 Нарежній О. П., Коломійцев О. В., Сачук І. І.
328	2017 Патент. Лазерний датчик раннього виявлення загорянь №120588 Україна. опубл. 10.11.2017, бюл. №21 Романюк В. А., Доля Г. М., Литвинова О. С., Катунін А. М.
329	2017 Патент. Патент на корисну модель №113560. Спосіб визначення ступеня забрудненості ґрунтів Зареєстровано в державному реєстрі патентів України на корисні моделі 10.02.2017. GOIN 33/24 (2006/01) Крайнюков О. М., Кривицька І. А.
330	2017 Патент. Патент на корисну модель: “Спосіб визначення біологічного ефекту гамма-випромінювання” Номер патенту: 116236, опубл. 10.05.2017, Бюл. №9. Кузнецов К. А., Шкорбатов Ю. Г., Ніколов О. Т.
331	2017 Патент. Переносний пристрій для вимірювання коефіцієнта відбиття Патент на корисну модель № 115935 Зареєстровано в Державному реєстрі патентів України на корисні моделі 25.04.2017, Бюл. № 8. (19) UA (11) 115935 (51) МПК G01R 27/06(2006.01). Колчигін М. М., Биков С. М., Биков В. М., Хардіков В. В., Демченко О. А., Іванченко Д. Д., Половніков Г. Г.
332	2017 Патент. Полімерний матеріал Бюлетень № 22 від 2017 р. Мішуров Д. О., Авраменок В. Л., Рошаль О. Д., Воронкін А. А.
333	2017 Патент. Пристрій для множення лишків та комплексних чисел у системі залишкових класів. № а 2016 06697. Заявл. 21.06.2016. Опубл. 10.04.2017, Бюл. № 23. Патент № 114063, Україна, МПК G 06 F 7/2 (2006.01), G 06 F 7/523 (2006.01) Краснобаєв В. А., Горбенко І. Д., Горбенко Ю. І., Янко А. С., Кошман С. А.
334	2017 Патент. Свідоцтво про реєстрацію авторського права на твір № 75364 Комп'ютерна програма "Оптимізація управління технологічних процесів в

	сільському господарстві". Дата реєстрації 18.12.2017 Нанка О. В., Корнієнко С. І., Ульяновченко О. В., Адамчук В. В., Мельник В. І., Пашенко В. Ф., Харченко С. О.
335	2017 Патент. Спосіб визначення внутрішніх дефектів у стінах приміщень. Патент України №114388 від 10. 03. 2017 р. Громико І. О., Кузнецов О. О., Кузнецов Р. Є.
336	2017 Патент. Спосіб визначення кількісної поглиневої звукохімічноактивної акустичної енергії ультразвуку у розчинах хлориду натрію та кухонної солі. Патент України на корисну модель № 114402, № заявки U201608801, заявл. 15.08.2016, опубл. 10.03.2017, бюл. № 5. Юрченко О. І., Бакланова Л. В., Черножук Т. В., Бакланов О. М.
337	2017 Патент. Спосіб визначення можливих наслідків гострої вірусної інфекції Епштейна-Барр. Заявка № u 2017 05512 Попов М. М., Лядова Т. І.
338	2017 Патент. Спосіб визначення можливого перебігу хронічної Епштейна-Барр вірусної інфекції. Заявка № u 2017 05527 Попов М. М., Лядова Т. І., Сорокіна О. Г.
339	2017 Патент. Спосіб вимірювання ефективної площі розсіяння великогабаритних об'єктів в ближній зоні. Номер заявки u 2017 03910. Дата подання заявки: 20.04.2017. Дата, з якої є чинними права на корисну модель: 11.09.2017. Публікація відомостей про видачу патенту 11.09.2017, Бюл. № 17 Колчигін М. М., Легенький М. М., Масловський О. А., Биков В. М., Субач Н. Є., Васильченко І. І., Биков С. М.
340	2017 Патент. Спосіб вирівнювання температур радіояскравості об'єкта і фону на вході радіометри-ного приймача системи виявлення. Номер заявки u 2017 04779. Дата подання заявки: 17.05.2017. Дата, з якої є чинними права на корисну модель: 11.09.2017. Дата публікації відомостей про видачу патенту та номер бюлетеня: 11.09.2017, Бюл. № 17. Биков С. М., Биков В. М., Колчигін М. М., Лотох М. Г. Осіновий Г. Г.
341	2017 Патент. Спосіб виявлення під поверхневих тріщин у асфальтобетонному покритті дороги під час руху діагностичної лабораторії в транспортному потоці. Зареєстровано в Державному реєстрі патентів України на винаходи 27.03.2017. Бюл. №6. Батраков Д. О., Урдзік С. М., Почанін Г. П., Батракова А. В.
342	2017 Патент. Спосіб діагностики зниженого серцевого викиду у хлопчиків-підлітків з вторинними кардіоміопатіями та порушеннями артеріального тиску. Патент України № 113129, UA. Беспалов Ю. Г., Висоцька О. В., Жолткевич Г. М., Кашіна-Ярмак В. Л., Носов К. В., Рак Л. І.
343	2017 Патент. Спосіб діагностики ризику формування гіпокінетичного варіанту гемодинаміки у хлопчиків-підлітків з патологією серцево-судинної системи. Патент України № 113130, UA. Беспалов Ю. Г., Висоцька О. В., Жолткевич Г. М., Кашіна-Ярмак В. Л., Носов К. В., Рак Л. І.
344	2017 Патент. Спосіб для декодування псевдовипадкового завадостійкого коду на основі використання методу гілок і меж пат. № 118097 на корисну модель Україна, МПК (2006) G06F 5/00 заявл. 10.01.2017; опубл. 25.07.2017, Бюл. № 14/2017. Лавровська Т. В., Рассомахін С. Г.
345	2017 Патент. Спосіб зупинки носової кровотечі (21) Номер заявки u2017 05243 (22). Дата подання заявки 29.05.2017 (24) Дата, з якої є чинними права на корисну модель 27.11.2017 (46) Публікація відомостей 27.11.2017, Бюл. №22 Гарюк Г. І. Бичкова Н. С.
346	2017 Патент. Спосіб лікування остеоартрозу Бюл. №20, № 1142144. Журавльова Л. В., Федоров В. О., Александрова Н. К.
347	2017 Патент. Спосіб лікування постінсультних хворих з больовим синдромом у плечовому суглобі. Пат. 116154, МПК А61К 31/00, А61Р 21/02. Бюл. №9. Міщенко Т. С., Харіна К. В., Деревецька В. Г., Дмитрієва О. В., Здесенко І. В., Реміняк І. В.
348	2017 Патент. Спосіб отримання колоїдного розчину біомаси водорості «dunaliella salina» № заявки U201611814, заявл. 15.11.2016, опубл. 10.05.2017, бюл. № 9.

	Юрченко О. І., Черножук Т. В., Бакланова Л. В., Бакланов О. М.
349	2017 Патент. Спосіб прогнозування варіантів довготривалого перебігу ювенільного артриту. Патент України № 114771, UA. Лебець І. С., Шевченко Н. С., Зайцева Є. М., Панько Н. О.
350	2017 Патент. Спосіб прогнозування розвитку лімфопенії у хворих на рак тіла матки МПК G01N 33/50 (2006.01) Сухін В. С., Сорочан П. П., Прохач Н. Є., Громакова І. А., Кузьменко О. В.
351	2017 Корисна модель. Пристрій для акустичного впливу на нафтогазоносні пласти. Патент на корисну модель № 128877 опубліковано 10.10.2018, бюл. № 19/2018 Пеліхатий М. М., Коренний Г. А., Чуєнко О. В., Гетманець О. М.
352	2017 Корисна модель. Пристрій для визначення напрямку в просторі на точкові постійні та імпульсні джерела гамма-випромінювання. Патент на корисну модель № 130232, опубліковано 26.11.2018, бюл. № 22/2018 Андрєєв Ф. М., Стервоєдов М. Г., Осипчук А. В.
353	2017 Корисна модель. Пристрій фільтрації параметрів траєкторії балістичної цілі та визначення елементів орбіти космічного об'єкту з використанням кутомісної швидкості цілей, що пролітають. Патент на коисну модель № 130173, опубліковано 26.11.2018, бюл. № 22/2018 Андрєєв Ф. М., Статкус А. В.
354	2017 Корисна модель. СКЛАД РОЗЧИНУ ДЛЯ ПІДГОТОВКИ МЕТАЛЕВИХ ПОВЕРХОНЬ ПЕРЕД НАНЕСЕННЯМ ЛАКОФАРБОВИХ ТА ДРУГИХ ПОКРИТТІВ. Номер заявки: u201712839 дата подання заявки: 26.12.2017. Патент опубліковано 10.07.2018, бюл. № 13/2018 МПК С23С 22/23 (2006.01) Панченко С. Вовк Р., Тимофєєва Л., Тимофєєв С., Грибанов М.
355	2017 Корисна модель. Спосіб акустичного впливу на привибійну зону свердловини. Патент на корисну модель № 128665 опубліковано 25.09.2018, бюл. № 18/2018. Коренний Г. А., Пеліхатий М. М.
356	2017 Корисна модель. Спосіб визначення біологічного ефекту наночастинок. Патент на корисну модель № 123903 опубліковано 12.03.2018, бюл. № 5/2018. Шкорбатов Ю. Г., Агапій А. В., Біловецка С. Г., Воронцова А. Л.
357	2017 Корисна модель. Спосіб визначення вологи в кухонній солі № заявки U 2017 07999, заяв. 31.07.2017, опубл. 25.01.2018, бюл. № 2. Юрченко О. І., Черножук Т. В., Бакланова Л. В., Бакланов О. М.
358	2017 Корисна модель. Спосіб виробництва чаю з грубого чайного листа з наповнювачем № заявки U 2017 09356, заяв. 25.09.2017, опубл. 12.03.2018, бюл. № 5. Черевко О. І., Юрченко О. І., Анненко С. В., Максименко Г. І.
359	2017 Корисна модель. Спосіб виробництва швидкорозчинного чаю з цукром № заявки U 2017 09369, заяв. 25.09.2017, опубл. 12.03.2018, бюл. № 5. Максименко Г. І., Черевко О. І., Юрченко Ю. І., Анненко С. І.
360	2017 Корисна модель. Спосіб вирощування бездомішкових монокристалів високотемпературного надпровідника. Рішення про видачу деклараційного патенту на корисну модель. Заявка № u 2018 08190. (51) МПК (2018.01) С30В 9/00. Вовк Р. В., Геворкян Є. С., Камчатна С. М., Білецький В. І.
361	2017 Корисна модель. Спосіб диференційної діагностики тяжкості міокардиту при інфекційному моноклеозі. Патент на корисну модель № 123507 опубліковано 26.02.2018, бюл. № 4/2018. Лядова Т. І., Волобуєва О. В.
362	2017 Корисна модель. Спосіб лікування вживання алкоголю із шкідливими наслідками в умовах підвищеного стресорного навантаження. Патент на корисну модель № 129154 опубліковано 25.10.2018, бюл. № 20/2018. Мінко О. І., Лінський І. В., Бараненко О. В.
363	2017 Корисна модель. СПОСІБ НАНЕСЕННЯ ОКСИДНО-МЕТАЛЕВИХ ПОКРИТТІВ НА ПОВЕРХНЮ МЕТАЛЕВИХ СПЛАВІВ Номер заявки: u201712837

	дата подання заявки: 26.12.2017. Патент опубліковано 25.06.2018, бюл. № 12/2018 МПК С23С 22/23 (2006.01), В23К 26/00, В82У 30/00 Панченко С. В., Вовк Р. В., Тимофеева Л., Тимофеев С. С., Грибанов М.
364	2017 Корисна модель. Спосіб отримання каратиновмісної кухонної солі. Патент України на корисну модель № 124971 № заявки U 2017 11717, заяв. 30.11.2017, опубл. 25.04.2018, бюл. № 8. Юрченко О. І., Черножук Т. В., Бакланова Л. В., Бакланов О. М.
365	2017 Корисна модель. Спосіб отримання напівфабрикату з молюска прісноводного. Патент на корисну модель 123318 Україна, МПК А23L3/00 (2018.01), А23L17/50 (2016.01). № u2017 08203; заявл. 07.08.2017 ; опубл. 26.02.2018, Бюл. № 4. – 5 с. Головка М. П., Головка Т. М., Геліх А. О.
366	2017 Корисна модель. Спосіб отримання фторованої кухонної солі № заявки U 2017 07951, заяв. 31.07.2017, опубл. 12.03.2018, бюл. № 5. Юрченко О. І., Черножук Т. В., Бакланова Л. В., Бакланов О. М.
367	2017 Корисна модель. Спосіб переробки столового буряку № заявки U 2017 09393, заяв. 25.09.2017, опубл. 26.02.2018, бюл. № 4. Черевко О. І., Юрченко О. І., Анненко С. В., Максименко Г. І.
368	2017 Корисна модель. Спосіб проведення оцінки жорсткості стінок сонних артерій у хворих після кардіохірургічних втручань. Пат. 129386, заявл. 15.05.18, опубл. 25.10.18, бюл. №20. Міщенко В. М., Міщенко Т. С., Харіна Л. В., Дмитрієва О. В., Здесенко І. В., Реміняк І. В.
369	2017 Корисна модель. Спосіб прогнозування виникнення анемії у хворих на диференційований рак щитоподібної залози. Патент на корисну модель № 130828 опубліковано 26.12.2018, бюл. № 24/2018 заява №u201807016. Васильєв Л. Я., Радзішевська Є. Б., Кулініч Г. В., Савченко А.С.
370	2017 Корисна модель. Спосіб промислового розведення прісноводних двостулкових моллюсків роду Anodonta. Патент на корисну модель 123318 Україна, МПК А01К61/54 (2017.01). № u2017 08194; заявл. 07.08.2017 ; опубл. 26.02.2018, Бюл. № 4. – 5 с. Головка М. П., Головка Т. М., Геліх А. О.
371	2017 Корисна модель. Спосіб тестування та прогнозування чутливості флуоресцентних амілоїдних маркерів. Патент 126537 Україна. МПК G01N 21/64 (2006.01) Горбенко Г. П., Трусова В. М., Вус К. О., Рижова О. А., Кірілова О. М., Кірілов Г. К., Калніня І.
372	2017 Патент. Азимутальне вихідне дзеркало лазерного резонатора №116928 від 25.05.2018. Дзюбенко М. І., Маслов В. О., Радіонов В. П.
373	2017 Патент. Високоточний пристрій фільтрації параметрів траєкторії балістичної цілі та визначення елементів орбіти космічного об'єкту» з підвищеною вірогідністю № 127969, 27.08.2018. Бюл. № 16. Андреев Ф. М., Статкус А. В.
374	2017 Патент. Детектор нейтронів. Публікація відомостей 10.07.2018, бюл. № 13 про видачу патенту МПК (2018.01) G01T 3/00. Якименко І. І.
375	2017 Патент. Захисний екран від електромагнітного випромінювання НВЧ-діапазону № 129129 від 30.03.2018. Кокодій М. Г., Тіманюк В. О., Тіманюк В. М.
376	2017 Патент. Канал автоматичного супроводження літальних апаратів за напрямком з використанням частот міжмодових биттів та додаткового сканування для мобільної однопунктної системи зовнішньо-траєкторних вимірювань № 126627 від 25.06.2018 U201801187. Коломійцев О. В., Паршенцев Б. В., Толстолузька О. Г. та ін., усього – 10 осіб .
377	2017 Патент. Канал вимірювання кутових швидкостей літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної однопунктної системи зовнішньо-траєкторних вимірювань № 126624 від 25.06.2018 U201801184 Коломійцев О. В., Паршенцев Б. В., Толстолузька О. Г. та ін., усього –

	10 осіб .
378	2017 Патент. Канал вимірювання похилої дальності до літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної однопунктної системи зовнішньо-траєкторних вимірювань № 126625 від 25.06.2018 U201801185. Коломійцев О. В., Паршенцев Б. В., Толстолузька О. Г. та ін., усього – 10 осіб .
379	2017 Патент. Канал вимірювання радіальної швидкості літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної однопунктної системи зовнішньо-траєкторних вимірювань № 126626 від 25.06.2018 U201801186. Коломійцев О. В., Паршенцев Б. В., Толстолузька О. Г. та ін., усього – 10 осіб .
380	2017 Патент. КОМПОЗИЦІЙНИЙ МАТЕРІАЛ НА ОСНОВІ КАРБІДУ КРЕМНІЮ З ВИСОКИМИ ТЕРМОМЕХАНІЧНИМИ ВЛАСТИВОСТЯМИ. Номер заявки: а201704197 дата подання заявки: 27.04.2017. Патент опубліковано 25.10.2018, бюл. № 20/2018 МПК С04В 35/565 (2006.01), В82У 30/00. Вовк Р., Геворкян Є., Тимофеева Л., Панченко С., Чишкала В.
381	2017 Патент. Лазер з плавним регулюванням виведення випромінювання з резонатора №116914 від 25.05.2018. Дзюбенко М. І., Маслов В. О., Радіонов В. П.
382	2017 Патент. Напівпровідниковий діод для генерації НВЧ шуму. Пат. 127847 UA, МПК Н01L 29/76. Боцула О. В. Приходько К. Г.
383	2017 Патент. Пристрій для визначення лишків $a \equiv A \pmod{m}$ натурального числа $a$ за довільним № 125713 від 25.05.2018. Краснобаєв В. А., Замула О. А., Рассомахін С. Г., Кузнецов О. О.
384	2017 Патент. Пристрій для визначення лишків дійсних чисел та найменших комплексних лишків комплексних чисел за комплексним модулем у системі залишкових класів № 125960 від 25.05.2018 Краснобаєв В. А., Замула О. А., Рассомахін С. Г., Шлокін В. М.
385	2017 Патент. Пристрій для контролю результату $a+b$ додавання двох чисел $a$ і $b$ у системі залишкових класів № 129125 від 25.10.2018. Краснобаєв В. А., Замула О. А., Рассомахін С. Г., Кузнецов О. О.
386	2017 Патент. Пристрій для піднесення до квадрата комплексних і дійсних чисел за модулем № 126907 від 10.07.2018. Краснобаєв В. А., Замула О. А., Рассомахін С. Г.
387	2017 Патент. Пристрій для піднесення чисел до квадрата у системі залишкових класів № 129249 від 25.10.2018. Краснобаєв В. А., Замула О. А., Шлокін В. М.
388	2017 Патент. Різальний інструмент на основі кубічного нітриду бору з двошаровим покриттям від 12.03.2018, Бюл. №4. Кліменко С. А., Береснев В. М., Манохін А. С., Азаренков М. О., Литовченко С. В., Сребнюк П. А., Найдено А. Г.
389	2017 Патент. Свідоцтво Департаменту інтелектуальної власності мінекономрозвитку та торгівлі України про реєстрацію авторського права на наукову працю “Кореляційно-регресійна модель впливу чинників інтелектуалізації глобальної економіки на зростання національної економіки” № 82933 від 19.11.2018 року. Фоміна Є. В.
390	2017 Патент. Свідоцтво Департаменту інтелектуальної власності мінекономрозвитку та торгівлі України про реєстрацію авторського права на наукову працю “Методика оцінки інформаційного потенціалу країн світу” № 81287 від 07.09.2018 року. Фоміна Є. В.
391	2017 Патент. Спосіб вибору об’єму оперативного лікування у пацієнтів з захворюваннями гепатохоледоху, ускладненими механічною жовтяницею 25.05.2018; Бюл. №10 Бойко В. В., Авдосєв Ю. В., Сочнева А. Л., Мазорчук М. С.
392	2017 Патент. Спосіб виготовлення полікристалічного органічного сцинтилятора для визначення $\beta$ -частинок у водних розчинах. Патент України UA117211C2;

	(a201710824); опубліковано 25.06.2018. Галунов М. З., Лазарєв І. В., Полупан Я. І., Тарасенко О. А., Мартиненко Є. В., Андрющенко Г. Ю., Беліков К. М.
393	2017 Патент. Спосіб визначення ефективної площі розсіяння великогабаритних об'єктів, розташованих на підстильній поверхні. Патент України на корисну модель UA 123925, G01S 7/52. – № u201710180; заявл. 23.10.2017; опубл. 12.03.2018. – Бюл. № 5/2018. Колчигін М. М., Легенький М. М., Бутрим О. Ю., Масловський О. А., Васильченко І. І., Демченко О. А., Биков В. М.
394	2017 Патент. Спосіб визначення індексу коморбідності навчального процесу. Дата реєстрації 05.09.2018. Даниленко Г. М., Сотнікова-Мелешкіна Ж. В., Нестеренко В. Г., Кіндрок М. О.
395	2017 Патент. Спосіб визначення терапевтичної тактики у хворих на пролактиноми № u 2017 12922; заявл. 26.12.2017. Хижняк О. О., Барабаш Н. Є., Микитюк М. Р., Гогітідзе Т. Г., Манська К. Г., Завадська Н. В., Тихонова Т. М.
396	2017 Патент. Спосіб вимірювання випромінювальної та відбивної здатності об'єктів складної форми в ближній зоні шляхом декомпозиції. Патент на корисну модель № 129298, 25.10.2018, бюл. № 20. Колчигін М. М., Легенький М., Масловський О. А., Биков В. М., Биков С. М., Грічанюк С. М., Вінніченко С. О.
397	2017 Патент. Спосіб вимірювання ефективної площі розсіювання великогабаритних об'єктів в ближній зоні. Патент України на винахід UA 03909, G01S 13/00, G01R 29/00. № a201703909; заявл. 20.04.2017. Колчигін М. М., Легенький М. М., Масловський О. А., Биков В. М., Субач Н. Є., Васильченко І. І., Биков С. М.
398	2017 Патент. Спосіб вимірювання температури. Бюлетень №10 від 25.05.2018 Калантар'ян О. В., Кононенко С. І., Журенко В. П., Желтопятова Н. О.
399	2017 Патент. Спосіб дезінфекції лабораторних приміщень при роботі зі збудниками туберкульозу. Заявка № u 2017 07545 Солодянкін О. С., Стегній Б. Т., Константиновська О. С., Потейко П. І., Палій А. П., Рогожин А. В., Герілович А. П.
400	2017 Патент. Спосіб діагностики специфічної активності туберкульозу легень Заявка № u 201707744. Ткач С. І., Потейко П. І., Рогожин А. В., Константиновська О. С.
401	2017 Патент. Спосіб лікування гнійних ран Державному реєстрі патентів України на корисні моделі 25.10.2018 р. Іванова Ю. В., Прасол В. О., Коробов А. М., Пуляєва І. С.
402	2017 Патент. Спосіб лікування гнійного холангіту. Зареєстровано в Державному реєстрі патентів України на корисні моделі 25.10.2018 р. Іванова Ю. В., Мушенко Є. В., Коробов А. М., Момот О. М.
403	2017 Патент. Спосіб лікування холедохолітіазу 11.06.2018. Бюл. №11. Бойко В. В., Авдосєв Ю. В., Макаров В. В., Грома В. Г., Сочнева А. Л.
404	2017 Патент. Спосіб лікування цереброваскулярних порушень головного мозку 45901. Бабійчук В. Г., Айдарова В. С., Кудокоцева О. В., Ломакін І. І., Мамонтов В. В.
405	2017 Патент. Спосіб медичної реабілітації хворих на депресивно-параноїдні післяпологові психози (21) Номер заявки: u 2018 04411 (22). Дата подання заявки: 23.04.2018 (24). Дата, з якої є чинними права на корисну модель: 25.10.2018 (46) Дата публікації відомостей про видачу патенту та номер бюлетеня: 25.10.2018, Бюл. № 20 Пономарьов В. І., Суворова-Григорович Г. О., Міщенко О. М., Сукачова О. М.
406	2017 Патент. Спосіб одночасного визначення концентрації та частоти зіткнень електронів у нижній іоносфері. Патент № 125594 Україна. опубл. 10.05.2018, Бюл. № 9/2018, 5 с. Смирний М. Ф., Гоков О. М.
407	2017 Патент. Спосіб формування циклових підключів для блочних симетричних шифрів №117158 МПК (2018011) H04L 9/06 2006.01. Долгов В. І., Горбенко І. Д.,

	Лисицька І. В., Горбенко Ю. І., Настенко А. О., Лисицький К. Є.
408	2017 Патент. Спосіб хірургічного лікування ран. Зареєстровано в Державному реєстрі патентів України на корисні моделі 27.08.2018 р. Іванова Ю. В., Бойко В. В., Клімова О. М., Коробов А. М., Прасол В. О., Мушенко Є. В.
409	2017 Патент. Спосіб маскування стаціонарних і рухомих об'єктів складної форми за допомогою радіопоглинаючих матеріалів. Патент України на корисну модель UA 125605, F41H 3/00. № u201800452; заявл. 17.01.2018; опубл. 10.05.2018. – Бюл. № 9/2018. Колчигін М. М., Легенький М. М., Масловський О. А., Биков В. М., Биков С. М., Васильченко І. І., Хардіков В. В.
410	2017 Патент. Фрактальна антенна. Пат. України на корисну модель UA 123735. Погарський С. О., Майборода Д. В., Шаулов Є. А.
411	2017 Патент. Фрактальна антена з індуктивним елементом збудження. Пат. України на корисну модель UA 128379. Погарський С. О., Майборода Д. В., Позняков А. В.

Таблиця 8

### Порівняльні показники

1a	Кількість здобувачів вищої освіти денної форми навчання на одного науково-педагогічного працівника, який працює у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду і має науковий ступінь доктора наук та/або вчене звання професора	41,15
1б	Кількість здобувачів вищої освіти денної форми навчання на одного науково-педагогічного працівника, який працює у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду і має науковий ступінь та/або вчене звання	11,17
2	Питома вага здобувачів вищої освіти, які під час складання єдиного державного кваліфікаційного іспиту продемонстрували результати в межах 25 % кращих серед учасників відповідного іспиту протягом звітного періоду, але не більше трьох останніх років (стосується здобувачів вищої освіти, для яких передбачається складення єдиного державного кваліфікаційного іспиту)	0
3	Кількість здобувачів вищої освіти денної форми навчання, які не менше трьох місяців протягом звітного періоду або із завершенням у звітному періоді навчалися (стажувалися) в іноземних закладах вищої освіти (наукових установах) за межами України, приведена до 100 здобувачів вищої освіти денної форми навчання	0,97
4	Кількість науково-педагогічних і наукових працівників, які не менше трьох місяців протягом звітного періоду або із завершенням у звітному періоді стажувалися, проводили навчальні заняття в іноземних закладах вищої освіти (наукових установах) (для закладів вищої освіти та наукових установ культурологічного та мистецького спрямування – проводили навчальні заняття або брали участь (у тому числі – як члени журі) у культурно-мистецьких проектах) за межами України, приведена до 100 науково-педагогічних і наукових працівників, які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	0,26
5	Кількість здобувачів вищої освіти, які здобули у звітному періоді призові місця на Міжнародних студентських олімпіадах, II етапі Всеукраїнської студентської олімпіади, II етапі Всеукраїнського конкурсу студентських наукових робіт, інших освітньо-наукових	2,04

	конкурсах, які проводяться або визнані МОН, міжнародних та всеукраїнських культурно-мистецьких проектах, які проводяться ПЗ*100/П1 7 або визнані Мінкультури, на Олімпійських, Паралімпійських, Дефлімпійських іграх, Всесвітній та Всеукраїнській універсиадах, чемпіонатах світу, Європи, Європейських іграх, етапах Кубків світу та Європи, чемпіонату України з видів спорту, які проводяться або визнані центральним органом виконавчої влади, що забезпечує формування державної політики у сфері фізичної культури та спорту, приведена до 100 здобувачів вищої освіти денної форми навчання	
6	Середньорічна кількість іноземних громадян серед здобувачів вищої освіти у закладі вищої освіти, які навчаються за кошти фізичних або юридичних осіб, за денною формою навчання за останні три роки (крім вищих військових навчальних закладів (закладів вищої освіти зі специфічними умовами навчання), військових навчальних підрозділів закладів вищої освіти)	3970
7	Середньорічна кількість громадян країн – членів Організації економічного співробітництва та розвитку – серед здобувачів вищої освіти у закладі вищої освіти, які навчаються за кошти фізичних або юридичних осіб, за денною формою навчання за останні три роки (крім вищих військових навчальних закладів (закладів вищої освіти із специфічними умовами навчання), військових навчальних підрозділів закладів вищої освіти)	723
8	Середнє значення показників індексів Гірша науково-педагогічних та наукових працівників (які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду) у наукометричних базах Scopus, Web of Science, інших наукометричних базах, визнаних МОН, приведене до кількості науково-педагогічних і наукових працівників цього закладу	1,53
9	Кількість науково-педагогічних та наукових працівників, які мають не менше п'яти наукових публікацій у періодичних виданнях, які на час публікації було включено до наукометричної бази Scopus або Web of Science, інших наукометричних баз, визнаних МОН, приведена до 100 науково-педагогічних і наукових працівників, які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	12,91
10	Кількість наукових журналів, які входять з ненульовим коефіцієнтом впливовості до наукометричних баз Scopus, Web of Science, інших наукометричних баз, визнаних МОН, що видаються закладом вищої освіти, приведена до кількості спеціальностей, із яких здійснюється підготовка здобувачів вищої освіти у закладі вищої освіти станом на 31 грудня останнього року звітного періоду	0,063
11	Кількість науково-педагогічних та наукових працівників, які здійснювали наукове керівництво (консультування) не менше п'ятьох здобувачів наукових ступенів, які захистилися в Україні, приведена до 100 науково-педагогічних і наукових працівників, які П8*100/П6 8 працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	5,27
12	Кількість об'єктів права інтелектуальної власності, зареєстрованих закладом вищої освіти та/або зареєстрованих (створених) його науково-педагогічними та науковими працівниками, які працюють у	24,29



	ньому на постійній основі за звітний період, приведена до 100 науково-педагогічних і наукових працівників, котрі працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	
13	Кількість об'єктів права інтелектуальної власності, які комерціалізовано закладом вищої освіти та/або його науково-педагогічними та науковими працівниками, які працюють у ньому на постійній основі у звітному періоді, приведена до 100 науково-педагогічних і наукових працівників, які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	0