

**НАУКОВО-ТЕХНІЧНА БІБЛІОТЕКА ім. Г. І. ДЕНИСЕНКА  
НАЦІОНАЛЬНОГО ТЕХНІЧНОГО УНІВЕРСИТЕТУ  
УКРАЇНИ «КИЇВСЬКИЙ ПОЛІТЕХНІЧНИЙ ІНСТИТУТ  
ІМЕНІ ІГОРЯ СІКОРСЬКОГО»**



**ПУБЛІКАЦІЇ ДОСЛІДНИКІВ КПІ ІМ. ІГОРЯ СІКОРСЬКОГО  
У WEB OF SCIENCE ЗА ІV КВАРТАЛ 2017 р.**

Публікації дослідників КПІ ім. Ігоря Сікорського у Web of Science

за IV квартал 2017 р.

№	Автор	Назва	Співавтори	Джерело	Категорія JCR® и Q	ІФ
1.	Arkhiereieva, Elena	Implementation of Opportunities of Labview Software Package in Case of Design of Electronic Frequency Synthesizer on the Basis of PAAF	<b>КПІ</b> Rozorinov, Heorhii Chichikalo, Nina Vlasjuk, Anna Trapezon, Kirill Arkhiereieva, Elena	2017 XIIITH INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 140-142		
2.	Baturkin, Volodymyr	Development of advanced high porosity wicks for the high temperature heat pipes of concentrating solar power	<b>КПІ</b> Khairnasov, Sergii Baturkin, Volodymyr Zaripov, Vladlen Nishchyk, Oleksandr <b>Інша афіліація (ін.)</b> Andraka, Charles E.	APPLIED THERMAL ENGINEERING Том: 126 Стр.: 1170-1176	ENERGY & FUELS Q2 ENGINEERING, MECHANICAL, MECHANICS, THERMODYNAMICS Q1	3.444
3.	Beznosyk, Oleksandr	Parallel Reduction of RLC-Circuits	<b>КПІ</b> Chkalov, Oleksiy Beznosyk, Oleksandr Finogenov, Oleksii Popov, Oleksandr Ladogubets, Tatiana	2017 XIIITH INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 62-66		

4.	Bezvesilna, Olena	Two-Channel MEMS Gravimeter of the Automated Aircraft Gravimetric System	КПІ Bezvesilna, Olena Інша афіліація Korobiichuk, Igor Kachniarz, Maciej (ін.) Tkachuk, Andrii Chilchenko, Tetyana	RECENT ADVANCES IN SYSTEMS, CONTROL AND INFORMATION TECHNOLOGY Серия книг: Advances in Intelligent Systems and Computing Том: 543 Стр.: 481-487		
5.	Bobyр', N. I.	Damage Contribution to the Assessment of the Stress-Strain State of Structure Elements	КПІ Bobyр', N. I. Koval', V. V.	STRENGTH OF MATERIALS Том: 49 Выпуск: 3 Стр.: 361-368	MATERIALS SCIENCE, CHARACTERIZATION & TESTING Q4	0.443
6.	Bogdanskii, Yu. V.	Surface Measures on Banach Manifolds with Uniform Structure	КПІ Bogdanskii, Yu. V. Moravetskaya, E. V.	UKRAINIAN MATHEMATICAL JOURNAL Том: 69 Выпуск: 8 Стр.: 1196-1219	MATHEMATICS  MATHEMATICS, APPLIED Q4	0.228
7.	Bogomol, I.	Floating zone partial remelting of B4C infiltrated with molten Si	КПІ Solodkyi, I. Bogomol, I. Loboda, P. Інша афіліація (ін.) Batalu, D. Vlaicu, A. M. Badica, P.	CERAMICS INTERNATIONAL Том: 43 Выпуск: 17 Стр.: 14718-14725	MATERIALS SCIENCE, CERAMICS Q1	2.986
	Bogomol, Yu. I.	Mechanical properties of single crystals of transition metals diborides TMB2 (TM = Sc, Hf, Zr, Ti). Experiment and theory	КПІ Loboda, P. I. Bogomol, Yu. I. Kysla, G. P. Інша афіліація	JOURNAL OF SUPERHARD MATERIALS Том: 39 Выпуск: 5	MATERIALS SCIENCE, MULTIDISCIPLINARY Q4	0.689

			Dub, S. N. Sichkar, S. M. Belous, V. A. Tolmacheva, G. N.	Стр.: 308-318		
	Bogomol, Yu. I.	Microstructure and mechanical properties of a directionally solidified Mo-12Hf-24B alloy	<b>КПІ</b> Bogomol, Yu. I. Loboda, P. <b>Інша афіліація</b> Bolbut, V. Krueger, M.	JOURNAL OF ALLOYS AND COMPOUNDS Том: 735 Стр.: 2324-2330	CHEMISTRY, PHYSICAL Q2 MATERIALS SCIENCE, MULTIDISCIPLINARY Q1 METALLURGY & METALLURGICAL ENGINEERING Q1	3.133
8.	Bovsunovsky, A. P.	Estimation of efficiency of vibration damage detection in stepped shaft of steam turbine	<b>КПІ</b> Bovsunovsky, A. P.	ELECTRIC POWER SYSTEMS RESEARCH Том: 154 Стр.: 381-390	ENGINEERING, ELECTRICAL & ELECTRONIC Q2	2.688
9.	Butko, Maryna V.	Synthesis of Spirocyclic Pyrrolidines: Advanced Building Blocks for Drug Discovery	<b>КПІ</b> Butko, Maryna V. <b>Інша афіліація</b> Chalyk, Bohdan A. Yanshyna, Oksana O. Gavrilenko, Konstantin S Druzhenko, Tetiana V. Mykhailiuk, Pavel K.	CHEMISTRY-A EUROPEAN JOURNAL Том: 23 Выпуск: 66 Стр.: 16782-16786	CHEMISTRY, MULTIDISCIPLINARY Q1	5.317
10.	Chichikalo, Nina	Implementation of Opportunities of Labview Software Package in Case of Design of Electronic Frequency Synthesizer on the Basis of PAAF	<b>КПІ</b> Rozorinov, Heorhii Chichikalo, Nina Vlasjuk, Anna Trapezon, Kirill Arkhiiereieva, Elena	2017 XIII <sup>TH</sup> INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 140-142		

11.	Chkalov, Oleksiy	Parallel Reduction of RLC-Circuits	КПІ Chkalov, Oleksiy Beznosyk, Oleksandr Finogenov, Oleksii Popov, Oleksandr Ladogubets, Tatiana	2017 XIII <sup>TH</sup> INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 62-66		
12.	Denbnovetsky, Stanislav	Principles of operation of high voltage glow discharge electron guns and some possibilities of their technological application	КПІ Denbnovetsky, Stanislav Melnyk, Igor Melnyk, Vitaliy Tugai, Boris Tuhai, Sergiy Інша афіліація (ін.) Wojcik, Waldemar Lawicki, Tomasz Assambay, Azat Luganskaya, Saule	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104455R		
13.	Dmytriv, Yurii V.	Regioselective decarboxylative addition of malonic acid and its mono(thio)esters to 4-trifluoromethylpyrimidin-2(1H)-ones	КПІ Dmytriv, Yurii V. Інша афіліація Melnykov, Sergii V. Pataman, Andrii S. Shishkina, Svitlana V. Vovk, Mykhailo V. Sukach, Volodymyr A.	BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY  Том: 13  Стр.: 2617-2625	CHEMISTRY, ORGANIC Q2	2.337
14.	Dontsova, T.A.	SnO <sub>2</sub> Nanostructures: Effect of Processing Parameters on Their Structural and Functional Properties	КПІ Dontsova, T.A. Nagirnyak, S.V. Zhorov, V.V. Yasiievych, Y.V.	Nanoscale Research Letters Volume 12, Issue 1, 2017, Article number 332	MATERIALS SCIENCE, MULTIDISCIPLINARY NANOSCIENCE &	2.833

					NANOTECHNOLOGY PHYSICS, APPLIED Q2	
15.	Dzhemelinskyi, V. V.	Microstructure related enhancement in wear resistance of tool steel AISI D2 by applying laser heat treatment followed by ultrasonic impact treatment	КПІ Lesyk, D. A. Dzhemelinskyi, V. V. Інша афіліація Martinez, S. (ін.) Mordyuk, B. N. Lamikiz, A. (ін.) Prokopenko, G. I. Milman, Yu. V. Grinkevych, K. E.	SURFACE & COATINGS TECHNOLOGY Том: 328 Стр.: 344-354	MATERIALS SCIENCE, COATINGS & FILMS Q1 PHYSICS, APPLIED Q2	2.589
16.	Filipova, N. Y.	Study of Electric Fields of the Receiving Piezoceramic Converter with a Matching Layer	КПІ Filipova, N. Y. Korzhih, O. V.	JOURNAL OF NANO- AND ELECTRONIC PHYSICS Том: 9 Выпуск: 4 Номер статьи: 04027		
17.	Filippova, Maryna V.	The peculiarity of the construction of an optical-electronic system for measurement of geometrical parameters of objects in the micrometer range	КПІ Markina, Olga M. Markin, Maksym O. Filippova, Maryna V. Інша афіліація (ін.) Harasim, Damian Mussabekov, Kanat Annabayev, Azamat	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104456B		

18.	Finogenov, Oleksii	Parallel Reduction of RLC-Circuits	КПІ Chkalov, Oleksiy Beznosyk, Oleksandr Finogenov, Oleksii Popov, Oleksandr Ladogubets, Tatiana	2017 XIIITH INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 62-66		
19.	Fokin, Andrey A.	Electronic and Vibrational Properties of Diamondoid Oligomers	КПІ Fokin, Andrey A. Інша афіліація (ін.) Tyborski, Christoph Gillen, Roland Koso, Tetyana V. Fokina, Natalie A. Hausmann, Heike Rodionov, Vladimir Schreiner, Peter R. Thomsen, Christian Maultzsch, Janina	JOURNAL OF PHYSICAL CHEMISTRY C  Том: 121  Выпуск: 48  Стр.: 27082-27088	CHEMISTRY, PHYSICAL Q1 MATERIALS  SCIENCE, MULTIDISCIPLIN ARY Q1  NANOSCIENCE & NANOTECHNOLO GY Q2	4.536
20.	Gaidai, Alexander V.	Facile synthesis of 3-(trifluoromethyl)adamantane derivatives	КПІ Zhyhadlo, Yevheniia Y. Gaidai, Alexander V. Levandovskiy, Igor A. Rassukana, Yuliya V. Інша афіліація Bezdudny, Andriy V.	JOURNAL OF FLUORINE CHEMISTRY  Том: 201  Стр.: 11-14	CHEMISTRY, INORGANIC & NUCLEAR Q2  CHEMISTRY, ORGANIC Q3	2.101
21.	Gavrish, Julia	Managing the competitiveness in CIS countries and Ukraine: the goal and conditions	КПІ Kukharuk, Anna Gavrish, Julia Zmitrovych, Danyil	EASTERN JOURNAL OF EUROPEAN STUDIES Том: 8 Выпуск: 1 Стр.: 115-136		

22.	Genkin, O.	REFERENCE LED SOURCE OF SUBNANOSECOND PULSES OF BROADBAND OPTICAL RADIATION	КПІ Voronov, S. Genkin, O. Genkina, V. Rodionov, V. Інша афіліація (ін.) Romaniuk, R. Kisala, P. Klimek, J. Askarova, N. Luganskaya, S.	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 1044510		
23.	Genkina, V.	REFERENCE LED SOURCE OF SUBNANOSECOND PULSES OF BROADBAND OPTICAL RADIATION	КПІ Voronov, S. Genkin, O. Genkina, V. Rodionov, V. Інша афіліація (ін.) Romaniuk, R. Kisala, P. Klimek, J. Askarova, N. Luganskaya, S.	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 1044510		
24.	Gerasimchuk, I. V	Magnetic field sensors based on the foil of amorphous cobalt alloy and NiMnGa martensite single-crystals	КПІ Gerasimchuk, I. V. Інша афіліація Krupa, M. M. Skirta, Yu. B. Sharay, I. V.	SENSORS AND ACTUATORS A-PHYSICAL Том: 264 Стр.: 165-171	ENGINEERING, ELECTRICAL & ELECTRONIC Q2 INSTRUMENTS & INSTRUMENTATION Q1	2.499



25.	Gilchuk, A. V.	Nonmonotonic behavior of luminescence characteristics of fine-dispersed self-propagating high-temperature synthesized ZnS:Mn depending on size of its particles	КПІ Gilchuk, A. V. Інша афіліація Bacherikov, Yu. Yu Zhuk, A. G. Kurichka, R. V. Okhrimenko, O. B. Zelensky, S. E. Kravchenko, S. A.	JOURNAL OF LUMINESCENCE  Том: 194  Стр.: 8-14	OPTICS Q2	2.686
26.	Globa, Larysa	The approach to engineering tasks composition on knowledge portals	КПІ Novogradska, Rina Globa, Larysa Інша афіліація (ін.) Schill, Alexander Romaniuk, Ryszard Wojcik, Waldemar Karnakova, Gaini Kalizhanova, Aliya	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104452E		
27.	Gomelya, Mykola	DEVELOPMENT OF LOW WASTE TECHNOLOGY OF WATER PURIFICATION FROM COPPER IONS	КПІ Gomelya, Mykola Інша афіліація Trokhymenko, Ganna	CHEMISTRY & CHEMICAL TECHNOLOGY Том: 11 Выпуск: 3 Стр.: 372-377		
28.	Gomonay, O.	Skyrmions and multisublattice helical states in a frustrated chiral magnet	КПІ Gomonay, O. Інша афіліація (ін.) Yuan, H. Y. Klaeui, Mathias	PHYSICAL REVIEW B Том: 96 Выпуск: 13 Номер статьи: 134415	PHYSICS, CONDENSED MATTER Q2	3.836

29.	Gorobets, Oksana	Goos-Hanchen Shift of a Spin-Wave Beam at the Interface Between Two Ferromagnets	КПІ Mailyan, Marina Gorobets, Oksana Інша афіліація (ін.) Gruszecki, Pawel Krawczyk, Maciej	IEEE TRANSACTIONS ON MAGNETICS Том: 53 Выпуск: 11 Номер статьи: 7100605	ENGINEERING, ELECTRICAL & ELECTRONIC PHYSICS, APPLIED Q3	1.243
30.	Gorshkov, Vyacheslav	Kinetic Monte Carlo model of breakup of nanowires into chains of nanoparticles	КПІ Gorshkov, Vyacheslav Інша афіліація Privman, Vladimir	JOURNAL OF APPLIED PHYSICS Том: 122 Выпуск: 20 Номер статьи: 204301	PHYSICS, APPLIED Q2	2.068
31.	Horbachuk, V. M.	SPACES OF SMOOTH AND GENERALIZED VECTORS OF THE GENERATOR OF AN ANALYTIC SEMIGROUP AND THEIR APPLICATIONS	КПІ Horbachuk, V. M. Інша афіліація Horbachuk, M. L	UKRAINIAN MATHEMATICAL JOURNAL Том: 69 Выпуск: 4 Стр.: 561-597	MATHEMATICS  MATHEMATICS, APPLIED Q4	0.228
32.	Ilchenko, Kseniia	Optimization Lab Sessions: Major Features and Applications of IBM CPLEX	КПІ Ilchenko, Kseniia Nazarenko, Olga Інша афіліація (ін.) Garcia-Lopez, Juan Manuel	OPTIMIZATION AND DECISION SUPPORT SYSTEMS FOR SUPPLY CHAINS Серия книг: Lecture Notes in Logistics Стр.: 139-150		
33.	Il'chenko, M. E.	Millimeter-wave stripline bandpass filters	КПІ Il'chenko, M. E. Zakharov, A. V.	JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS Том: 62 Выпуск: 10 Стр.: 1184-1192	ENGINEERING, ELECTRICAL & ELECTRONIC Q4 TELECOMMUNICATIONS Q4	0.446

	Ilchenko, M. Yu.	Developing Telecommunication Strategies Based on Scenarios in the Information Community	КПІ Ilchenko, M. Yu. Uryvsky, L. A. Moshinskaya, A. V.	CYBERNETICS AND SYSTEMS ANALYSIS Том: 53 Выпуск: 6 Стр.: 905-913	COMPUTER SCIENCE, CYBERNETICS Q4	0.0
34.	Kalita, V. M.	Interplay between superparamagnetic and blocked behavior in an ensemble of lanthanum-strontium manganite nanoparticles	КПІ Kalita, V. M. Інша афіліація Polishchuk, D. M. Kovalchuk, D. G. Bodnaruk, A. V. Solopan, S. O. Tovstolytkin, A. I. Ryabchenko, S. M. Belous, A. G.	PHYSICAL CHEMISTRY CHEMICAL PHYSICS Том: 19 Выпуск: 39 Стр.: 27015-27024	CHEMISTRY, PHYSICAL Q2 PHYSICS, ATOMIC, MOLECULAR & CHEMICAL Q1	4.123
35.	Karachun, Volodimir	Acoustic Radiation Energy Focus in a Shell with Liquid	КПІ Karachun, Volodimir Mel'nick, Viktorij	RECENT ADVANCES IN SYSTEMS, CONTROL AND INFORMATION TECHNOLOGY Серия книг: Advances in Intelligent Systems and Computing Том: 543 Стр.: 459-463		
36.	Karasevska, O. P.	Influence of annealing on crucible-free float zone melted LaB6-TiB2 composites	КПІ Soloviova, T. O. Karasevska, O. P. Loboda, P. I. Інша афіліація (ін.) Vleugels, J.	JOURNAL OF ALLOYS AND COMPOUNDS Том: 729 Стр.: 749-757	CHEMISTRY, PHYSICAL Q2 MATERIALS SCIENCE, MULTIDISCIPLINARY Q1 METALLURGY &	3.133

					METALLURGICAL ENGINEERING Q1	
37.	Khairnasov, Sergii	Development of advanced high porosity wicks for the high temperature heat pipes of concentrating solar power	<b>КПІ</b> Khairnasov, Sergii Baturkin, Volodymyr Zaripov, Vladlen Nishchyk, Oleksandr <b>Інша афіліація (іп.)</b> Andraka, Charles E.	APPLIED THERMAL ENGINEERING Том: 126 Стр.: 1170-1176	ENERGY & FUELS Q2 ENGINEERING, MECHANICAL, MECHANICS, THERMODYNAMI CS Q1	3.444
38.	Klotchko, Tatiana R.	Diagnosis abnormalities of limb movement in disorders of the nervous system	<b>КПІ</b> Tymchik, Gregory S. Skytsiuk, Volodymyr I. Klotchko, Tatiana R. <b>Інша афіліація</b> Bezsmertna, Halyna Wojcik, Waldemar (іп.) Luganskaya, Saule (іп.) Orazbekov, Zhassulan (іп.) Iskakova, Aigul (іп.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104453S		
39.	Kolobrodov, Valentin G.	Spaceborne linear array imager's spatial resolution for arbitrary viewing angles	<b>КПІ</b> Kolobrodov, Valentin G. Mykytenko, Volodymyr Tymchik, Grygorij S. <b>Інша афіліація</b> Dobrovolska, Catherine Tiagur, Volodymyr M. Komada, Pawel (іп.) Mussabekova, Assel (іп.) Targeusizova, Aliya (іп.) Iskakova, Aigul (іп.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104450J		

40.	Korobiichuk, Valentyn	Study of Ultrasonic Characteristics of Ukraine Red Granites at Low Temperatures	КПІ Korobiichuk, Valentyn	RECENT ADVANCES IN SYSTEMS, CONTROL AND INFORMATION TECHNOLOGY Серия книг: Advances in Intelligent Systems and Computing Том: 543 Стр.: 653-658		
41.	Korzhik, O. V.	Study of Electric Fields of the Receiving Piezoceramic Converter with a Matching Layer	КПІ Filipova, N. Y. Korzhik, O. V.	JOURNAL OF NANO-AND ELECTRONIC PHYSICS Том: 9 Выпуск: 4 Номер статьи: 04027		
42.	Koval', V. V.	Damage Contribution to the Assessment of the Stress-Strain State of Structure Elements	КПІ Bobyр', N. I. Koval', V. V.	STRENGTH OF MATERIALS Том: 49 Выпуск: 3 Стр.: 361-368	MATERIALS SCIENCE, CHARACTERIZATION & TESTING Q4	0.443
43.	Kravchuk, Serhii	Cloud based mobility management in heterogeneous wireless networks	КПІ Kravchuk, Serhii Minochkin, Dmytro Інша афіліація (ін.) Omiotek, Zbigniew Bainazarov, Ulan Werynska-Bieniaszd, Roza Iskakova, Aigul	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104451W		

44.	Kudin, A. M.	New Models and Methods for Estimating the Cryptographic Strength of Information Security Systems	КПІ Kudin, A. M. Інша афіліація Zadiraka, V. K.	CYBERNETICS AND SYSTEMS ANALYSIS Том: 53 Выпуск: 6 Стр.: 978-985	COMPUTER SCIENCE, CYBERNETICS Q4	0.0
45.	Kukharuk, Anna	Managing the competitiveness in CIS countries and Ukraine: the goal and conditions	КПІ Kukharuk, Anna Gavrish, Julia Zmitrovych, Danyil	EASTERN JOURNAL OF EUROPEAN STUDIES Том: 8 Выпуск: 1 Стр.: 115-136		
46.	Kupenko, Olha P.	On attainability of optimal controls in coefficients for system of Hammerstein type with anisotropic p-Laplacian	КПІ Kupenko, Olha P. Інша афіліація (ін.) Durante, Tiziana Manzo, Rosanna	RICERCHE DI MATEMATICA Том: 66 Выпуск: 2 Стр.: 259-292		
47.	Kuzmichev, Anatoly I.	Atmospheric Pressure Planar Radio Frequency Discharge With Isolated Electrodes: Glow Features and Application Prospects	КПІ Kuzmichev, Anatoly I. Інша афіліація (ін.) Bazhenov, Volodymyr Y Chaplynskyi, Roman Yu Kravchuk, Ruslan M. Tsiolko, Vyacheslav V. Yaroshchuk, Oleg V.	IEEE TRANSACTIONS ON PLASMA SCIENCE Том: 45 Выпуск: 12 Стр.: 3218-3223 Часть: 2	PHYSICS, FLUIDS & PLASMAS Q3	1.052
48.	Kysla, G. P.	Mechanical properties of single crystals of transition metals diborides TMB <sub>2</sub> (TM = Sc, Hf, Zr, Ti). Experiment and theory	КПІ Loboda, P. I. Bogomol, Yu. I. Kysla, G. P. Інша афіліація Dub, S. N. Sichkar, S. M. Belous, V. A. Tolmacheva, G. N.	JOURNAL OF SUPERHARD MATERIALS Том: 39 Выпуск: 5 Стр.: 308-318	MATERIALS SCIENCE, MULTIDISCIPLINARY Q4	0.689

49.	Ladogubets, Tatiana	Parallel Reduction of RLC-Circuits	КПІ Chkalov, Oleksiy Beznosyk, Oleksandr Finogenov, Oleksii Popov, Oleksandr Ladogubets, Tatiana	2017 XIII <sup>TH</sup> INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 62-66		
50.	Leiko, A. G.	About Connectivity of Electronic and Mechanical Processes of Sound Receiving in the Piezoceramic Medium of Cylindrical Transducer in the Presence of a Flat Screen	КПІ Leiko, A. G. Інша афіліація Derepa, A. V. Pozdniakova, O. N.	JOURNAL OF NANO-AND ELECTRONIC PHYSICS Том: 9 Выпуск: 3 Номер статьи: 03017		
51.	Lesyk, D. A	Microstructure related enhancement in wear resistance of tool steel AISI D2 by applying laser heat treatment followed by ultrasonic impact treatment	КПІ Lesyk, D. A. Dzhemelinskyi, V. V. Інша афіліація Martinez, S. (ін.) Mordyuk, B. N. Lamikiz, A. (ін.) Prokopenko, G. I. Milman, Yu. V. Grinkevych, K. E.	SURFACE & COATINGS TECHNOLOGY Том: 328 Стр.: 344-354	MATERIALS SCIENCE, COATINGS & FILMS Q1 PHYSICS, APPLIED Q2	2.589
52.	Levandovskiy, Igor A.	Facile synthesis of 3-(trifluoromethyl)adamantane derivatives	КПІ Zhyhadlo, Yevheniia Y. Gaidai, Alexander V. Levandovskiy, Igor A. Rassukana, Yuliya V. Інша афіліація Bezudny, Andriy V.	JOURNAL OF FLUORINE CHEMISTRY  Том: 201 Стр.: 11-14	CHEMISTRY, INORGANIC & NUCLEAR Q2  CHEMISTRY, ORGANIC Q3	2.101

53.	Loboda, P. I.	Influence of annealing on crucible-free float zone melted LaB <sub>6</sub> -TiB <sub>2</sub> composites	КПІ Soloviova, T. O. Karasevska, O. P. Loboda, P. I. Інша афіліація (ін.) Vleugels, J.	JOURNAL OF ALLOYS AND COMPOUNDS Том: 729 Стр.: 749-757	CHEMISTRY, PHYSICAL Q2 MATERIALS SCIENCE, MULTIDISCIPLINARY Q1 METALLURGY & METALLURGICAL ENGINEERING Q1	3.133
	Loboda, P. I.	Mechanical activation of crystallization of amorphous boron and synthesis of Al <sub>3</sub> Ti under cold isostatic pressing of B-Al-(LaB <sub>6</sub> -TiB <sub>2</sub> ) powder	КПІ Soloviova, T. A. Loboda, P. I. Інша афіліація Akimov, G. Ya Prilipko, S. Yu.	JOURNAL OF SUPERHARD MATERIALS Том: 39 Выпуск: 5 Стр.: 343-348	MATERIALS SCIENCE, MULTIDISCIPLINARY Q4	0.689
	Loboda, P. I.	Mechanical properties of single crystals of transition metals diborides TMB <sub>2</sub> (TM = Sc, Hf, Zr, Ti). Experiment and theory	КПІ Loboda, P. I. Bogomol, Yu. I. Kysla, G. P. Інша афіліація Dub, S. N. Sichkar, S. M. Belous, V. A. Tolmacheva, G. N.	JOURNAL OF SUPERHARD MATERIALS Том: 39 Выпуск: 5 Стр.: 308-318	MATERIALS SCIENCE, MULTIDISCIPLINARY Q4	0.689
	Loboda, P.	Microstructure and mechanical properties of a directionally solidified Mo-12Hf-24B alloy	КПІ Bogomol, Yu. I. Loboda, P. Інша афіліація Bolbut, V. Krueger, M.	JOURNAL OF ALLOYS AND COMPOUNDS Том: 735 Стр.: 2324-2330	CHEMISTRY, PHYSICAL Q2 MATERIALS SCIENCE, MULTIDISCIPLINARY Q1 METALLURGY & METALLURGICAL ENGINEERING Q1	3.133



	Loboda, P.	Floating zone partial remelting of B4C infiltrated with molten Si	КПІ Solodkyi, I. Bogomol, I. Loboda, P. Інша афіліація (ін.) Batalu, D. Vlaicu, A. M. Badica, P.	CERAMICS INTERNATIONAL Том: 43 Выпуск: 17 Стр.: 14718-14725	MATERIALS SCIENCE, CERAMICS Q1	2.986
54.	Los, V. M.	Systems Parabolic in Petrovskii's Sense in Hormander Spaces	КПІ Los, V. M.	UKRAINIAN MATHEMATICAL JOURNAL Том: 69 Выпуск: 3 Стр.: 426-443	MATHEMATICS Q4 MATHEMATICS, APPLIED Q4	0.228
55.	Mailyan, Marina	Goos-Hanchen Shift of a Spin-Wave Beam at the Interface Between Two Ferromagnets	КПІ Mailyan, Marina Gorobets, Oksana Інша афіліація (ін.) Gruszecki, Pawel Krawczyk, Maciej	IEEE TRANSACTIONS ON MAGNETICS Том: 53 Выпуск: 11 Номер статьи: 7100605	ENGINEERING, ELECTRICAL & ELECTRONIC PHYSICS, APPLIED Q3	1.243
56.	Markin, Maksym O.	The peculiarity of the construction of an optical-electronic system for measurement of geometrical parameters of objects in the micrometer range	КПІ Markina, Olga M. Markin, Maksym O. Filipova, Maryna V. Інша афіліація (ін.) Harasim, Damian Mussabekov, Kanat Annabayev, Azamat	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104456B		

57.	Markina, Olga M.	The peculiarity of the construction of an optical-electronic system for measurement of geometrical parameters of objects in the micrometer range	КПІ Markina, Olga M. Markin, Maksym O. Filipova, Maryna V. Інша афіліація (ін.) Harasim, Damian Mussabekov, Kanat Annabayev, Azamat	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104456B		
58.	Masoud, Mahjoubian	Information Model of Traction Ability Analysis of Underground Conveyors Drives	КПІ Rozorinov, Heorhiy Masoud, Mahjoubian Інша афіліація Kiktev, Nikolay	2017 XIII <sup>TH</sup> INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 143-145		
59.	Mel'nick, Viktorij	Acoustic Radiation Energy Focus in a Shell with Liquid	КПІ Karachun, Volodimir Mel'nick, Viktorij	RECENT ADVANCES IN SYSTEMS, CONTROL AND INFORMATION TECHNOLOGY Серия книг: Advances in Intelligent Systems and Computing Том: 543 Стр.: 459-463		

60.	Melnyk, Igor	Principles of operation of high voltage glow discharge electron guns and some possibilities of their technological application	<p>КПІ Denbnovetsky, Stanislav Melnyk, Igor Melnyk, Vitaliy Tugai, Boris Tuhai, Sergiy Інша афіліація (ін.) Wojcik, Waldemar Lawicki, Tomasz Assambay, Azat Luganskaya, Saule</p>	<p>PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 ; UNSP 104455R</p>		
61.	Melnyk, Vitaliy	Principles of operation of high voltage glow discharge electron guns and some possibilities of their technological application	<p>КПІ Denbnovetsky, Stanislav Melnyk, Igor Melnyk, Vitaliy Tugai, Boris Tuhai, Sergiy Інша афіліація (ін.) Wojcik, Waldemar Lawicki, Tomasz Assambay, Azat Luganskaya, Saule</p>	<p>PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 ; UNSP 104455R</p>		
62.	Minochkin, Dmytro	Cloud based mobility management in heterogeneous wireless networks	<p>КПІ Kravchuk, Serhii Minochkin, Dmytro Інша афіліація (ін.) Omiotek, Zbigniew Bainazarov, Ulan Werynska-Bieniaszd, Roza Iskakova, Aigul</p>	<p>PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 ;UNSP 104451W</p>		

63.	Moravetskaya, E. V.	Surface Measures on Banach Manifolds with Uniform Structure	<b>КПІ</b> Bogdanskiy, Yu. V. Moravetskaya, E. V.	UKRAINIAN MATHEMATICAL JOURNAL Том: 69 Выпуск: 8 Стр.: 1196-1219	MATHEMATICS  MATHEMATICS, APPLIED Q4	0.228
64.	Moshinskaya, A. V.	Developing Telecommunication Strategies Based on Scenarios in the Information Community	<b>КПІ</b> Ilchenko, M. Yu. Uryvsky, L. A. Moshinskaya, A. V.	CYBERNETICS AND SYSTEMS ANALYSIS Том: 53 Выпуск: 6 Стр.: 905-913	COMPUTER SCIENCE, CYBERNETICS Q4	0.0
65.	Mykytenko, Volodymyr	Spaceborne linear array imager's spatial resolution for arbitrary viewing angles	<b>КПІ</b> Kolobrodov, Valentin G. Mykytenko, Volodymyr Тумчик, Grygorij S. <b>Інша афіліація</b> Dobrovolska, Catherine Tiagur, Volodymyr M. Komada, Pawel (ін.) Mussabekova, Assel (ін.) Targeusizova, Aliya (ін.) Iskakova, Aigul (ін.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 104450J		
66.	Nagirnyak, S.V.	SnO2 Nanostructures: Effect of Processing Parameters on Their Structural and Functional Properties	<b>КПІ</b> Dontsova, T.A. Nagirnyak, S.V. Zhorov, V.V. Yasiievych, Y.V.	Nanoscale Research Letters Volume 12, Issue 1, 2017, Article number 332	MATERIALS SCIENCE, MULTIDISCIPLINARY NANOSCIENCE & NANOTECHNOLOGY PHYSICS, APPLIED Q2	2.833

67.	Nazarenko, Olga	Optimization Lab Sessions: Major Features and Applications of IBM CPLEX	КПІ Ilchenko, Kseniia Nazarenko, Olga Інша афіліація (ін.) Garcia-Lopez, Juan Manuel	OPTIMIZATION AND DECISION SUPPORT SYSTEMS FOR SUPPLY CHAINS Lecture Notes in Logistics Стр.: 139-150		
68.	Nazarov, Alexei	Infrared, Raman and Magnetic Resonance Spectroscopic Study of SiO <sub>2</sub> :C Nanopowders	КПІ Savchenko, Dariya Vasin, Andrii Nazarov, Alexei Інша афіліація Vorlicek, Vladimir (ін.) Kalabukhova, Ekaterina Sitnikov, Aleksandr Kysil, Dmytro Sevostianov, Stanislav Tertykh, Valentyn	NANOSCALE RESEARCH LETTERS  Том: 12  Номер статьи: 292	MATERIALS SCIENCE, MULTIDISCIPLINARY Q2 NANOSCIENCE & NANOTECHNOLOGY Q2 PHYSICS, APPLIED Q2	2.833
69.	Nishchuk, Oleksandr	Development of advanced high porosity wicks for the high temperature heat pipes of concentrating solar power	КПІ Khairnasov, Sergii Baturkin, Volodymyr Zaripov, Vladlen Nishchuk, Oleksandr Інша афіліація (ін.) Andraka, Charles E.	APPLIED THERMAL ENGINEERING Том: 126 Стр.: 1170-1176	ENERGY & FUELS Q2 ENGINEERING, MECHANICAL, MECHANICS, THERMODYNAMICS Q1	3.444
70.	Novogrudska, Rina	The approach to engineering tasks composition on knowledge portals	КПІ Novogrudska, Rina Globa, Larysa Інша афіліація (ін.) Schill, Alexander Romaniuk, Ryszard Wojcik, Waldemar Karnakova, Gaini Kalizhanova, Aliya	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE		

				Том: 10445 Номер статті: UNSP 104452E		
71.	Petrishchev, O. N.	Methodology of Determination of Physical and Mechanical Parameters of Piezoelectric Ceramics	КПІ Petrishchev, O. N. Інша афіліація Bazilo, C. V.	JOURNAL OF NANO- AND ELECTRONIC PHYSICS Том: 9 Выпуск: 3 Номер статті: 03022		
72.	Pilipenko, Andrey	On perturbations of an ODE with non-Lipschitz coefficients by a small self-similar noise	КПІ Pilipenko, Andrey Інша афіліація (ін.) Proske, Frank Norbert	STATISTICS & PROBABILITY LETTERS Том: 132 Стр.: 62-73	STATISTICS & PROBABILITY Q4	0.54
73.	Popov, Anton	Coronary artery disease versus coronary microvascular disease: advanced analysis of magnetocardiographic maps	КПІ Udovichenko, Eugen Popov, Anton Інша афіліація Chaikovsky, Ilya Mjasnikov, Georg Lutay, Michael Sofienko, Sergey Ji, Wenming (ін.)	JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY Том: 70 Выпуск: 16 Стр.: C88-C88	CARDIAC & CARDIOVASCUL AR SYSTEMS Q1	19.896
74.	Popov, Oleksandr	Parallel Reduction of RLC-Circuits	КПІ Chkalov, Oleksiy Beznosyk, Oleksandr Finogenov, Oleksii Popov, Oleksandr Ladogubets, Tatiana	2017 XIIIITH INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 62-66		
75.	Rassamakin, B. M.	Stress-Strain State Investigation of Polyitan-2 Nano-Satellite under the Ascent-Stage Quasi-Static Overload Conditions	КПІ Tsybenko, A. S. Rassamakin, B. M. Rybalka, A. A.	STRENGTH OF MATERIALS Том: 49 Выпуск: 3 Стр.: 381-387	MATERIALS SCIENCE, CHARACTERIZAT ION & TESTING Q4	0.443

76.	Rassukana, Yuliya V.	Facile synthesis of 3-(trifluoromethyl)adamantane derivatives	КПІ Zhyhadlo, Yevheniia Y. Gaidai, Alexander V. Levandovskiy, Igor A. Rassukana, Yuliya V. Інша афіліація Bezdudny, Andriy V.	JOURNAL OF FLUORINE CHEMISTRY Том: 201 Стр.: 11-14	CHEMISTRY, INORGANIC & NUCLEAR Q2  CHEMISTRY, ORGANIC Q3	2.101
77.	Rodionov, V.	REFERENCE LED SOURCE OF SUBNANOSECOND PULSES OF BROADBAND OPTICAL RADIATION	КПІ Voronov, S. Genkin, O. Genkina, V. Rodionov, V. Інша афіліація (ін.) Romaniuk, R. Kisala, P. Klimek, J. Askarova, N. Luganskaya, S.	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статьи: UNSP 1044510		
78.	Rolik, Oleksandr	IoT and Cloud Computing: The Architecture of Microcloud-Based IoT Infrastructure Management System	КПІ Rolik, Oleksandr Telenyk, Sergii Zharikov, Eduard	EMERGING TRENDS AND APPLICATIONS OF THE INTERNET OF THINGS Серия книг: Advances in Wireless Technologies and Telecommunication (AWTT) Book Series Стр.: 198-234		
79.	Romankevich, A. M.	Diagnosis of multiprocessor systems under failure of more than half processors	КПІ Romankevich, A. M. Romankevich, V. A.	AUTOMATION AND REMOTE CONTROL Том: 78 Выпуск: 9 Стр.: 1614-1618	AUTOMATION & CONTROL SYSTEMS Q4 INSTRUMENTS & INSTRUMENTATION Q4	0.492

80.	Romankevich, V. A.	Diagnosis of multiprocessor systems under failure of more than half processors	КПІ Romankevich, A. M. Romankevich, V. A.	AUTOMATION AND REMOTE CONTROL Том: 78 Выпуск: 9 Стр.: 1614-1618	AUTOMATION & CONTROL SYSTEMS Q4 INSTRUMENTS & INSTRUMENTATION Q4	0.492
81.	Rozen, Viktor	Formalization of Energy Efficiency Control Procedures of Public Water-Supply Facilities	КПІ Rozen, Viktor Інша афіліація Davydenko, Liudmyla Davydenko, Volodymyr Davydenko, Nina	RECENT ADVANCES IN SYSTEMS, CONTROL AND INFORMATION TECHNOLOGY Серия книг: Advances in Intelligent Systems and Computing Том: 543 Стр.: 196-202		
82.	Rozorinov, Heorhii	Implementation of Opportunities of Labview Software Package in Case of Design of Electronic Frequency Synthesizer on the Basis of PAAF	КПІ Rozorinov, Heorhii Chichikalo, Nina Vlasjuk, Anna Trapezon, Kirill Arkhiereieva, Elena	2017 XIIITH INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 140-142		
	Rozorinov, Heorhiy	Information Model of Traction Ability Analysis of Underground Conveyors Drives	КПІ Rozorinov, Heorhiy Masoud, Mahjoubian Інша афіліація Kiktev, Nikolay	2017 XIIITH INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 143-145		



83.	Rybalka, A. A.	Stress-Strain State Investigation of Polyitan-2 Nano-Satellite under the Ascent-Stage Quasi-Static Overload Conditions	<b>KPII</b> Tsybenko, A. S. Rassamakin, B. M. Rybalka, A. A.	STRENGTH OF MATERIALS Том: 49 Выпуск: 3 Стр.: 381-387	MATERIALS SCIENCE, CHARACTERIZATION & TESTING Q4	0.443
84.	Savchenko, Dariya	Infrared, Raman and Magnetic Resonance Spectroscopic Study of SiO <sub>2</sub> :C Nanopowders	<b>KPII</b> Savchenko, Dariya Vasin, Andrii Nazarov, Alexei <b>Інша афіліація</b> Vorliceck, Vladimir (ін.) Kalabukhova, Ekaterina Sitnikov, Aleksandr Kysil, Dmytro Sevostianov, Stanislav Tertykh, Valentyn	NANOSCALE RESEARCH LETTERS  Том: 12  Номер статьи: 292	MATERIALS SCIENCE, MULTIDISCIPLINARY Q2 NANOSCIENCE & NANOTECHNOLOGY Q2 PHYSICS, APPLIED Q2	2.833
85.	Skytsiouk, Volodymyr I.	Diagnosis abnormalities of limb movement in disorders of the nervous system	<b>KPII</b> Tymchik, Gregory S. Skytsiouk, Volodymyr I. Klotchko, Tatiana R. <b>Інша афіліація</b> Bezsmertna, Halyna Wojcik, Waldemar (ін.) Luganskaya, Saule (ін.) Orazbekov, Zh.(ін.) Iskakova, Aigul (ін.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Том: 10445 Номер статьи: UNSP 104453S		
86.	Solodkyi, I.	Floating zone partial remelting of B <sub>4</sub> C infiltrated with molten Si	<b>KPII</b> Solodkyi, I. Bogomol, I. Loboda, P. <b>Інша афіліація (ін.)</b> Batalu, D. Vlaicu, A. M. Badica, P.	CERAMICS INTERNATIONAL Том: 43 Выпуск: 17 Стр.: 14718-14725	MATERIALS SCIENCE, CERAMICS Q1	2.986

87.	Soloviova, T. O.	Influence of annealing on crucible-free float zone melted LaB <sub>6</sub> -TiB <sub>2</sub> composites	КПІ Soloviova, T. O. Karasevska, O. P. Loboda, P. I. Інша афіліація (ін.) Vleugels, J.	JOURNAL OF ALLOYS AND COMPOUNDS Том: 729 Стр.: 749-757	CHEMISTRY, PHYSICAL Q2 MATERIALS SCIENCE, MULTIDISCIPLINARY Q1 METALLURGY & METALLURGICAL ENGINEERING Q1	3.133
	Soloviova, T. A.	Mechanical activation of crystallization of amorphous boron and synthesis of Al <sub>3</sub> Ti under cold isostatic pressing of B-Al-(LaB <sub>6</sub> -TiB <sub>2</sub> ) powder	КПІ Soloviova, T. A. Loboda, P. I. Інша афіліація Akimov, G. Ya Prilipko, S. Yu.	JOURNAL OF SUPERHARD MATERIALS Том: 39 Выпуск: 5 Стр.: 343-348	MATERIALS SCIENCE, MULTIDISCIPLINARY Q4	0.689
88.	Sydorenko, Yu. M.	Effect of the Indenting Electrode Impact on the Stress-Strain State of an AMg6 Alloy on Electrodynamic Treatment	КПІ Sydorenko, Yu. M. Інша афіліація Lobanov, L. M. Pashchyn, M. O. Mykhodui, O. L.	STRENGTH OF MATERIALS Том: 49 Выпуск: 3 Стр.: 369-380	MATERIALS SCIENCE, CHARACTERIZATION & TESTING Q4	0.443
89.	Sytnik, N. I.	Organizational learning as a component of knowledge management	Sytnik, N. I.	MARKETING AND MANAGEMENT OF INNOVATIONS Выпуск: 3 Стр.: 345-353		
90.	Telenyk, Sergii	IoT and Cloud Computing: The Architecture of Microcloud-Based IoT Infrastructure Management System	КПІ Rolik, Oleksandr Telenyk, Sergii Zharikov, Eduard	EMERGING TRENDS AND APPLICATIONS OF THE INTERNET OF THINGS Серия книг: Advances in Wireless Technologies and Telecommunication Стр.: 198-234		

91.	Titova, Natalia V.	On the possibility of the patient's skin overheating during low-intensive phototherapy	<b>КПІ</b> Titova, Natalia V. <b>Інша афіліація</b> Kokodii, Mykola G. Korobov, Anatoliy M. Timaniyk, Vladimir A. Burlibay, Aron (ін.) Omiotek, Zbigniew (ін.) Szatkowska, Malgorzata(ін.) Luganskaya, Saule (ін.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статъи: UNSP 104453J		
	Titova, Natalia V.	Physical-mathematical model of optical radiation interaction with biological tissues	<b>КПІ</b> Titova, Natalia V. <b>Інша афіліація</b> Kozlovska, Tetyana I. Kolisnik, Peter F. Zlepko, Sergey M. Pavlov, Volodymyr S. Wojcik, Waldemar (ін.) Omiotek, Zbigniew (ін.) Kozhambardiyeva, Miergul (ін.) Zhanpeisova, Aizhan(ін.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings of SPIE Том: 10445 Номер статъи: UNSP 104453G		
92.	Tovkach, Igor Olegovych	Recurrent Algorithm for TDOA Localization in Sensor Networks	<b>КПІ</b> Tovkach, Igor Olegovych Zhuk, Serhii Yakovych	JOURNAL OF AEROSPACE TECHNOLOGY AND MANAGEMENT Том: 9 Выпуск: 4 Стр.: 489-494		

93.	Trapezon, Kirill	Implementation of Opportunities of Labview Software Package in Case of Design of Electronic Frequency Synthesizer on the Basis of PAAF	КПІ Rozorinov, Heorhii Chichikalo, Nina Vlasjuk, Anna Trapezon, Kirill Arkhiiereieva, Elena	2017 XIII <sup>TH</sup> INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 140-142		
94.	Tsybenko, A. S.	Stress-Strain State Investigation of Polyitan-2 Nano-Satellite under the Ascent-Stage Quasi-Static Overload Conditions	КПІ Tsybenko, A. S. Rassamakin, B. M. Rybalka, A. A.	STRENGTH OF MATERIALS Том: 49 Выпуск: 3 Стр.: 381-387	MATERIALS SCIENCE, CHARACTERIZATION & TESTING Q4	0.443
95.	Tugai, Boris	Principles of operation of high voltage glow discharge electron guns and some possibilities of their technological application	КПІ Denbnovetsky, Stanislav Melnyk, Igor Melnyk, Vitaliy Tugai, Boris Tuhai, Sergiy Інша афіліація (ін.) Wojcik, Waldemar Lawicki, Tomasz Assambay, Azat Luganskaya, Saule	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Том: 10445 Номер статьи: UNSP 104455R		
96.	Tuhai, Sergiy	Principles of operation of high voltage glow discharge electron guns and some possibilities of their technological application	КПІ Denbnovetsky, Stanislav Melnyk, Igor Melnyk, Vitaliy Tugai, Boris Tuhai, Sergiy Інша афіліація (ін.) Wojcik, Waldemar Lawicki, Tomasz	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серия книг: Proceedings		

			Assambay, Azat Luganskaya, Saule	of SPIE Том: 10445 Номер статті: UNSP 104455R		
97.	Tymchik, Gregory S.	Diagnosis abnormalities of limb movement in disorders of the nervous system	<b>КПІ</b> Tymchik, Gregory S. Skytsiouk, Volodymyr I. Klotchko, Tatiana R. <b>Інша афіліація</b> Bezsmertna, Halyna Wojcik, Waldemar (ін.) Luganskaya, Saule (ін.) Orazbekov, Zhassulan (ін.) Iskakova, Aigul (ін.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серія книг: Proceedings of SPIE Том: 10445 Номер статті: UNSP 104453S		
	Tymchik, Grygorij S.	Spaceborne linear array imager's spatial resolution for arbitrary viewing angles	<b>КПІ</b> Kolobrodov, Valentin G. Mykytenko, Volodymyr Tymchik, Grygorij S. <b>Інша афіліація</b> Dobrovolska, Catherine Tiagur, Volodymyr M. Komada, Pawel (ін.) Mussabekova, Assel (ін.) Targeusizova, Aliya (ін.) Iskakova, Aigul (ін.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY PHYSICS EXPERIMENTS 2017 Серія книг: Proceedings of SPIE Том: 10445 Номер статті: UNSP 104450J		
98.	Tymtsunik, Andriy V.	Bicyclo[1.1.1]pentane- Derived Building Blocks for Click Chemistry	<b>КПІ</b> Tymtsunik, Andriy V. <b>Інша афіліація</b> Kokhan, Serhii O. Valter, Yevheniia B. Komarov, Igor V. Grygorenko, Oleksandr	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY  Выпуск: 43  Стр.: 6450-6456	CHEMISTRY, ORGANIC Q2	2.834

99.	Udovichenko, Eugen	Coronary artery disease versus coronary microvascular disease: advanced analysis of magnetocardiographic maps	КПІ Udovichenko, Eugen Popov, Anton Інша афіліація Chaikovsky, Ilya Mjasnikov, Georg Lutay, Michael Sofienko, Sergey Ji, Wenming (ін.)	JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY Том: 70 Выпуск: 16 Стр.: C88-C88	CARDIAC & CARDIOVASCULAR SYSTEMS Q1	19.896
100.	Uryvsky, L. A.	Developing Telecommunication Strategies Based on Scenarios in the Information Community	КПІ Ilchenko, M. Yu. Uryvsky, L. A. Moshinskaya, A. V.	CYBERNETICS AND SYSTEMS ANALYSIS Том: 53 Выпуск: 6 Стр.: 905-913	COMPUTER SCIENCE, CYBERNETICS Q4	0.0
101.	Vasin, Andrii	Infrared, Raman and Magnetic Resonance Spectroscopic Study of SiO <sub>2</sub> :C Nanopowders	КПІ Savchenko, Dariya Vasin, Andrii Nazarov, Alexei Інша афіліація Vorlicek, Vladimir (ін.) Kalabukhova, Ekaterina Sitnikov, Aleksandr Kysil, Dmytro Sevostianov, Stanislav Tertykh, Valentyn	NANOSCALE RESEARCH LETTERS  Том: 12  Номер статьи: 292	MATERIALS SCIENCE, MULTIDISCIPLINARY Q2 NANOSCIENCE & NANOTECHNOLOGY Q2 PHYSICS, APPLIED Q2	2.833
102.	Verbitskii, V. G.	Designing a chevron unit for a microelectronic position-sensitive detector with two microchannel plates	КПІ Verbitskii, V. G. Інша афіліація Kosulya, A. V.	TECHNICAL PHYSICS LETTERS Том: 43 Выпуск: 9 Стр.: 839-841	PHYSICS, APPLIED Q4	0.771
103.	Veryhina, I. V.	Problem of Optimal Strategy in the Models of Conflict Redistribution of the Resource Space	КПІ Veryhina, I. V. Інша афіліація Koshmanenko, V. D.	UKRAINIAN MATHEMATICAL JOURNAL Том: 69, вып. 7, С. 1051-1059	MATHEMATICS MATHEMATICS, APPLIED Q4	0.228

104.	Vlasjuk, Anna	Implementation of Opportunities of Labview Software Package in Case of Design of Electronic Frequency Synthesizer on the Basis of PAAF	КПІ Rozorinov, Heorhii Chichikalo, Nina Vlasjuk, Anna Trapezon, Kirill Arkhiiereieva, Elena	2017 XIIITH INTERNATIONAL CONFERENCE ON PERSPECTIVE TECHNOLOGIES AND METHODS IN MEMS DESIGN (MEMSTECH) Стр.: 140-142		
105.	Volodarsky, Eugenij	Precautionary Statistical Criteria in the Monitoring Quality of Technological Process	КПІ Volodarsky, Eugenij Інша афіліація Kosheva, Larysa A. Warsza, Zygmun (ін.) Idzkowski, Adam (ін.)	RECENT ADVANCES IN SYSTEMS, CONTROL AND INFORMATION TECHNOLOGY Серия книг: Advances in Intelligent Systems and Computing Том: 543 Стр.: 740-750		
	Volodarsky, Eugenij	Transforming the Conversion Characteristic of a Measuring System Used for Technical Control	КПІ Volodarsky, Eugenij Інша афіліація Kosheva, Larysa A. Warsza, Zygmun (ін.) Idzkowski, Adam (ін.)	RECENT ADVANCES IN SYSTEMS, CONTROL AND INFORMATION TECHNOLOGY Серия книг: Advances in Intelligent Systems and Computing Том: 543 Стр.: 524-534		
106.	Voronov, S.	REFERENCE LED SOURCE OF SUBNANOSECOND PULSES OF BROADBAND OPTICAL RADIATION	КПІ Voronov, S. Genkin, O. Genkina, V. Rodionov, V. Інша афіліація (ін.)	PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH ENERGY		

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107.	Yasiievych, Y.V.	SnO2 Nanostructures: Effect of Processing Parameters on Their Structural and Functional Properties	<b>KPII</b> Dontsova, T.A. Nagirnyak, S.V. Zhorov, V.V. Yasiievych, Y.V.	Nanoscale Research Letters Volume 12, Issue 1, 2017, Article number 332	MULTIDISCIPLIN ARY NANOSCIENCE & NANOTECHNOLO GY PHYSICS, APPLIED Q2	2.833
108.	Yudina, Nataliya	METHODS OF THE STARTUP-PROJECT DEVELOPING BASED ON 'THE FOUR- DIMENSIONAL THINKING' IN INFORMATION SOCIETY	<b>KPII</b> Yudina, Nataliya	MARKETING AND MANAGEMENT OF INNOVATIONS Выпуск: 3 Стр.: 245-256		
109.	Zakharov, A. V.	Millimeter-wave stripline bandpass filters	<b>KPII</b> Il'chenko, M. E. Zakharov, A. V.	JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS Том: 62 Выпуск: 10 Стр.: 1184-1192	ENGINEERING, ELECTRICAL & ELECTRONIC Q4 TELECOMMUNIC ATIONS Q4	0.446
110.	Zaripov, Vladlen	Development of advanced high porosity wicks for the high temperature heat pipes of concentrating solar power	<b>KPII</b> Khairnasov, Sergii Baturkin, Volodymyr Zaripov, Vladlen Nishchyk, Oleksandr <b>Інша афіліація (ін.)</b> Andraka, Charles E.	APPLIED THERMAL ENGINEERING Том: 126 Стр.: 1170-1176	ENERGY & FUELS Q2 ENGINEERING, MECHANICAL, MECHANICS, THERMODYNAMI CS Q1	3.444



111.	Zgurovsky, M. Z.	General Concept of the Periodic Development of Global Systemic Conflicts	<b>KIII</b> Zgurovsky, M. Z.	CYBERNETICS AND SYSTEMS ANALYSIS Том: 53 Выпуск: 6 Стр.: 893-904	COMPUTER SCIENCE, CYBERNETICS Q4	0.0
112.	Zharikov, Eduard	IoT and Cloud Computing: The Architecture of Microcloud-Based IoT Infrastructure Management System	<b>KIII</b> Rolik, Oleksandr Telenyk, Sergii Zharikov, Eduard	EMERGING TRENDS AND APPLICATIONS OF THE INTERNET OF THINGS Серия книг: Advances in Wireless Technologies and Telecommunication (AWTT) Book Series Стр.: 198-234		
113.	Zhorov, V.V.	SnO2 Nanostructures: Effect of Processing Parameters on Their Structural and Functional Properties	<b>KIII</b> Dontsova, T.A. Nagirnyak, S.V. Zhorov, V.V. Yasiievych, Y.V.	Nanoscale Research Letters Volume 12, Issue 1, 2017, Article number 332	MATERIALS SCIENCE, MULTIDISCIPLINARY NANOSCIENCE & NANOTECHNOLOGY PHYSICS, APPLIED Q2	2.833
114.	Zhuk, Serhii Yakovych	Recurrent Algorithm for TDOA Localization in Sensor Networks	<b>KIII</b> Tovkach, Igor Olegovych Zhuk, Serhii Yakovych	JOURNAL OF AEROSPACE TECHNOLOGY AND MANAGEMENT Том: 9 Выпуск: 4 Стр.: 489-494		

115.	Zhyhadlo, Yevheniia Y.	Facile synthesis of 3-(trifluoromethyl)adamantane derivatives	КПІ Zhyhadlo, Yevheniia Y. Gaidai, Alexander V. Levandovskiy, Igor A. Rassukana, Yuliya V. Інша афіліація Bezdudny, Andriy V.	JOURNAL OF FLUORINE CHEMISTRY  Том: 201  Стр.: 11-14	CHEMISTRY, INORGANIC & NUCLEAR Q2  CHEMISTRY, ORGANIC Q3	2.101
116.	Zmitrovych, Danyil	Managing the competitiveness in CIS countries and Ukraine: the goal and conditions	КПІ Kukharuk, Anna Gavrish, Julia Zmitrovych, Danyil	EASTERN JOURNAL OF EUROPEAN STUDIES Том: 8 Выпуск: 1 Стр.: 115-136		