

**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 I КВАРТАЛ 2020 Р.**

**КИЇВ 2020**

| №  | Автор                     | Назва   | Співавтори  | Джерело  | Категорія JCR®<br>и Q                  | Ім-<br>пакт<br>фак-<br>тор | Галузі |
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| 1. | Adamenko,<br>Volodymyr O. | Simulation of CubeSat caliber particle detector "MiRA_ep" response to energetic electrons and protons using GEANT4 package  | <b>КПІ</b><br>Adamenko, Volodymyr<br>Antypenko, Ruslan V.<br>Yezerskyi, Nikita V.<br><b>Інша афіліація</b><br>Barylak, Jaromir (іН)<br>Dudnik, Oleksiy V.<br>Wozniczak, Tomasz(іН)<br>Kowalinski,<br>Miroslaw(іН)<br>Lazarev, Igor<br>Zielinska, Agata(іН)<br>Sylwester, Janusz(іН)<br>Bakala, Jaroslaw(іН)<br>Podgorski, Piotr(іН) | PHOTONICS<br>APPLICATIONS IN<br>ASTRONOMY,<br>COMMUNICATIONS,<br>INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019<br>Серия книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статті:<br>111763С |  |                            | 1      |
| 2. | Akimova, Olena            | Developing competences of public management and administration specialists: implementation of foreign experience in Ukraine | <b>КПІ</b><br>Melnychenko, Anatolii<br>Akimova, Olena   | ADVANCED<br>EDUCATION<br>Выпуск:<br>13 Стр.: 89-96   |  |                            | 3      |
| 3. | Alekseychuk, A. N.        | Upper Bounds on the Imbalance of Discrete Functions Implemented by Sequences of Finite Automata                             | <b>КПІ</b><br>Alekseychuk, A. N.<br>Koniushok, S. M.<br>Poremskyi, M. V.  | CYBERNETICS AND<br>SYSTEMS<br>ANALYSIS<br>Том: 55<br>Выпуск: 5<br>Стр.: 752-759  | COMPUTER<br>SCIENCE,<br>CYBERNETICS Q4 | 2                          |        |

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|    | Alekseychuk, A. N.   | A Method of Evaluating the Security of Snow 2.0-Like Ciphers Against Correlation Attacks Over the Finite Extensions of Two Element Field | КПІ<br>Alekseychuk, A. N.<br>Koniushok, S. M.<br>Porcroskyi, M. V.  | CYBERNETICS AND SYSTEMS ANALYSIS<br>Том: 56<br>Выпуск: 1<br>Стр.: 40-52   | COMPUTER SCIENCE, CYBERNETICS Q4 | 2 |   |
| 4. | Alkhimova, Svitlana  | CUSUM Filter for Brain Segmentation on DSC Perfusion MR Head Scans with Abnormal Brain Anatomy   | КПІ<br>Alkhimova, Svitlana  | 2019 INTERNATIONAL CONFERENCE ON INTELLIGENT MEDICINE AND IMAGE PROCESSING (IMIP 2019)<br>Стр.: 43-47   |                                  |   | 2 |
| 5. | Alushkin, S.V.       | Material basis of ethical attitude towards desire in ancient eastern religious and philosophical systems                                 | КПІ<br>Alushkin, S.V.   | ANTHROPOLOGICAL MEASUREMENTS OF PHILOSOPHICAL RESEARCH<br>Выпуск: 16<br>Стр.: 171-182   |                                  |   | 3 |
| 6. | Antypenko, Ruslan V. | Simulation of CubeSat caliber particle detector "MiRA_ep" response to energetic electrons and protons using GEANT4 package               | КПІ<br>Adamenko, Volodymyr<br>Antypenko, Ruslan V.<br>Yezerskyi, Nikita V.<br>Інша афіліація<br>Barylak, Jaromir (ІН)<br>Dudnik, Oleksiy V.<br>Wozniczak, Tomasz (ІН)<br>Kowalinski,<br>Miroslaw (ІН) | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Серия книг:<br>Proceedings of SPIE |                                  |   | 1 |

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|    |                        |   | Lazarev, Igor<br>Zielinska, Agata(ін)<br>Sylwester, Janusz(ін)<br>Bakala, Jaroslaw(ін)<br>Podgorski, Piotr(ін)                                  | Том: 11176<br>Номер статті:<br>111763С  |   |       |   |
| 7. | Anyakin, Mykola        | Gas-powder laser cladding with slot nozzles   | КПІ<br>Zhuk, Ruslan<br>Anyakin, Mykola<br>Інша афіліація (ін)<br>Chen, Zhijun<br>Yao, Jianhua   | INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY  | AUTOMATION & CONTROL SYSTEMS Q2 ENGINEERING, MANUFACTURING Q2 | 2.496 | 1 |
| 8. | Barbash, V. A.         | Preparation and application of nanocellulose from non-wood plants to improve the quality of paper and cardboard | КПІ<br>Barbash, V. A.<br>Yashchenko, O. V.  | APPLIED NANOSCIENCE   | NANOSCIENCE & NANOTECHNOLOGY Q2                               | 3.198 | 1 |
| 9. | Belikov, Konstantin A. | Logic correctness of control algorithms for mechatronic discrete systems with parallel processes                | КПІ<br>Gubarev, Aleksandr P.<br>Hanpanturova, Oksana<br>Belikov, Konstantin A.<br>Інша афіліація (ін)<br>Gromaszek, Konrad<br>Turgunbekov, Azat | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Серія книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статті:<br>1117660 |   |       | 1 |

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| 10. | Bessalov, A. V.          | Supersingular Twisted Edwards Curves over Prime Fields.* II. Supersingular Twisted Edwards Curves with the j-Invariant Equal to 66(3) | КПІ<br>Bessalov, A. V.<br>Kovalchuk, L. V.  | CYBERNETICS AND SYSTEMS ANALYSIS<br>Том: 55 Выпуск: 5<br>Стр.: 731-741  | COMPUTER SCIENCE,<br>CYBERNETICS Q4 |  | 2     |
| 11. | Borovytsky, Volodymyr N. | Criterion of spatial resolution of imaging system   | КПІ<br>Borovytsky, Volodymyr N.<br>Інша афіліація<br>Tuzhanskyi, Stanislav<br>Kotyra, Andrzej (ін)<br>Yerkeldessova, Gulzada (ін) | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Серия книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статьи:<br>111761D |                                     |  | 1     |
| 12. | Cherniayskyi, A.         | Complex analysis and mathematical modeling of the internal exposure dose of the ukrainian polissya rural population                   | КПІ<br>Cherniayskyi, A.<br>Liubashenko, N.<br>Інша афіліація<br>Chobotko, H.<br>Raichuk, L.<br>McDonald, I.                       | NUCLEAR PHYSICS AND ATOMIC ENERGY<br>Том: 20<br>Выпуск: 4<br>Стр.: 397-404  |                                     |  | 1,2,3 |

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| 13. | Chyhryn, O. M. | Influence of ultrasound vibrations on the corrosion resistance of heat-exchange plates made of aisi 316 steel      | КПІ<br>Vasyliiev, G. S.<br>Novosad, A. A.<br>Pidburtnyi, M. O.<br>Chyhryn, O. M.   | MATERIALS<br>SCIENCE<br>Том: 54<br>Выпуск: 6<br>Стр.: 913-919  | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RY Q4 | 0.526 | 1   |
| 14. | Chyrka, Taras  | Crystal structure and Hirshfeld surface analysis of (E)-3-(benzylideneamino)-5-phenylthiazolidin-2-iminium bromide | КПІ<br>Chyrka, Taras<br>Інша афіліація (ін)<br>Duruskari, Gulnara Sh<br>Akkurt, Mehmet<br>Mammadova, Gunay Z.<br>Maharramov, Abel M.                   | АСТА<br>CRYSTALLOGRA<br>PHICA SECTION E-<br>CRYSTALLOGRAPHIC<br>COMMUNICATIONS<br>Том: 76 Стр.: 427-+<br>Часть: 3  | CRYSTALLOGRAP<br>HY Q4                            | 0.347 | 1,2 |
| 15. | Chyzh, Igor G. | Forming thermal imaging system field of view with afocal lens cap  | КПІ<br>Chyzh, Igor G.<br>Kolobrodov, Valentin<br>Mykytenko, Volodymyr<br>Tymchik, Grygorij<br>Інша афіліація (ін)<br>Komada, Pawel<br>Kozbakova, Ainur | PHOTONICS<br>APPLICATIONS IN<br>ASTRONOMY,<br>COMMUNICATIONS,<br>INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019<br>Серия книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статьи:<br>111760T |   |       | 1   |

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| 16. | Deykun, Iryna     | Spent Biosorbents as Additives in Cement Production   | <p>КПІ</p> <p>Halysh, Vita<br/>Trus, Inna<br/>Radovenchyk, Iaroslav<br/>Deykun, Iryna<br/>Vorobyova, Victoria<br/>Sirenko, Ludmila</p> <p>Інша афіліація</p> <p>Nikolaichuk, Alina<br/>Skiba, Margarita<br/>Vasylenko, Inna</p> | <p>JOURNAL OF ECOLOGICAL ENGINEERING</p> <p>Том: 21<br/>Выпуск: 2<br/>Стр.: 131-138</p>  |   |       | 1,2 |
| 17. | Dimitrieva, N. F. | Stratified Flow Structure near the Horizontal Wedge   | <p>КПІ</p> <p>Dimitrieva, N. F.</p>   | <p>FLUID DYNAMICS</p> <p>Том: 54 Выпуск: 7<br/>Стр.: 940-947</p>   | MECHANICS Q4<br>PHYSICS, FLUIDS<br>& PLASMAS Q4 | 0.729 | 1   |
|     | Dimitrieva, N. F. | Formation of the vorticity field of a stratified fluid near a wedge   | <p>КПІ</p> <p>Dimitrieva, N. F.</p>   | <p>CONFERENCE TOPICAL PROBLEMS OF FLUID MECHANICS 2019: PROCEEDINGS</p> <p>Серия книг: Topical Problems of Fluid Mechanics C...: 69-76</p> |   |       | 1   |
|     | Dimitrieva, N. F. | Visualization of the Self-Motion of a Free Wedge of Neutral Buoyancy in a Tank Filled with a Continuously Stratified Fluid and Calculation of Perturbations of the Fields of Physical Quantities Putting the Body | <p>КПІ</p> <p>Dimitrieva, N. F.</p> <p>Інша афіліація</p> <p>Levitsky, V. V.<br/>Chashechkin, Yu. D.</p>  | <p>FLUID DYNAMICS</p> <p>Том: 54<br/>Выпуск: 7<br/>Стр.: 948-957</p>   | MECHANICS Q4<br>PHYSICS, FLUIDS<br>& PLASMAS Q4 | 0.729 | 1   |

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| 18. | Dontsova, Tetiana A. | Use of chicken feather and eggshell to synthesize a novel magnetized activated carbon for sorption of heavy metal ions                    | <p><b>КПІ</b></p> <p>Dontsova, Tetiana A.</p> <p>Інша афіліація (ін)</p> <p>Rahmani-Sani, Abolfazl Singh, Pardeep Raizada, Pankaj Lima, Eder Claudio Anastopoulos, Ioannis Giannakoudakis, Dimitrios A. Sivamani, Selvaraju Hosseini-Bandegharai, Ahmad</p> | <p>BIORESOURCE TECHNOLOGY</p> <p>Том: 297</p> <p>Номер статті: 122452</p>   | <p>AGRICULTURAL ENGINEERINGQ1 BIOTECHNOLOGY &amp; APPLIED MICROBIOLOGYQ1 ENERGY &amp; FUELSQ1</p> | 6.669 | 2 |
| 19. | Dontsova, Tetiana    | TiO <sub>2</sub> -SnO <sub>2</sub> Nanocomposites: Effect of Acid-Base and Structural-Adsorption Properties on Photocatalytic Performance | <p><b>КПІ</b></p> <p>Kutuzova, Anastasiya Dontsova, Tetiana</p> <p>Інша афіліація (ін)</p> <p>Kwapinski, Witold</p>   | <p>JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS</p>   | <p>POLYMER SCIENCE Q3</p>   | 1.637 | 2 |
| 20. | Dorogovtsev, Andrey  | Asymptotics of intersection local time for diffusion processes  | <p><b>КПІ</b></p> <p>Dorogovtsev, Andrey</p> <p>Інша афіліація</p> <p>Izyumtseva, Olga</p>  | <p>LITHUANIAN MATHEMATICAL JOURNAL</p> <p>Том: 59</p> <p>Выпуск: 4</p> <p>Стр.: 519-534</p> <p>Спеціальний випуск: SI</p> | <p>MATHEMATICS Q3</p>   | 0.566 | 2 |



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| 21. | Doroshenko, A. Yu.   | Testing the Multi-Step Single-Stage Method on Stiff Problems  | КПІ<br>Doroshenko, A. Yu.<br>Інша афіліація<br>Prusov, V. A.  | CYBERNETICS AND SYSTEMS ANALYSIS<br>Том: 56 Выпуск: 1<br>Стр.: 81-88                     | COMPUTER SCIENCE, CYBERNETICS Q4                             |       | 2 |
| 22. | Dudka, O. I.         | Changes in the Structural and Morphological Parameters of Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> , as a Basis for the Electrode Material of Lithium Power Sources, Due to Shock-Vibrating Treatment | КПІ<br>Yavorskyi, Yu. V.<br>Zaulychnyy, Ya. V.<br>Dudka, O. I.<br>Kononenko, Ya. A.<br>Інша афіліація<br>Karpets, M. V.<br>Hrubiak, A. B.<br>Moklyak, V. V. | PHYSICS AND CHEMISTRY OF SOLID STATE<br>Том: 20 Выпуск: 4<br>Стр.: 360-366               |  |       | 1 |
| 23. | Dychko, A.           | Ensuring reliability of control data in engineering systems   | КПІ<br>Dychko, A.<br>Remez, N.<br>Інша афіліація<br>Yeremeyev, I.<br>Kyselov, V.<br>Kniazevych, A.  | LATVIAN JOURNAL OF PHYSICS AND TECHNICAL SCIENCES<br>Том: 56<br>Выпуск: 6<br>Стр.: 57-69 |  |       | 1 |
| 24. | Dzhemelinskyi, V. V. | Post-processing of the Inconel 718 alloy parts fabricated by selective laser melting: Effects of mechanical surface treatments on surface topography, porosity, hardness and residual stress                  | КПІ<br>Lesyk, D. A.<br>Dzhemelinskyi, V. V.<br>Інша афіліація<br>Martinez, S. (ін)<br>Mordyuk, B. N.<br>Lamikiz, A. (ін)<br>Prokopenko, G. I.               | SURFACE & COATINGS TECHNOLOGY<br>Том: 381<br>Номер статьи: 125136                        | MATERIALS SCIENCE, COATINGS & FILMSQ1<br>PHYSICS, APPLIED Q2 | 3.192 | 1 |

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| 25. | Galkin, Alexander | Optimization of the culture medium composition to increase the biosynthesis of recombinant human interleukin-7 in escherichia coli              | КПІ<br>Motronenko, Valentyna<br>Lutsenko, Tetiana<br>Galkin, Alexander<br>Інша афіліація<br>Gorshunov, Yuriy<br>Solovjova, Valentyna | JOURNAL OF MICROBIOLOGY BIOTECHNOLOGY AND FOOD SCIENCES<br>Том: 9 Выпуск: 4<br>Стр.: 761-768 |  |  | 2 |
| 26. | Gomelya, Mykola   | Treatment of Wastewater Containing a Mixture of Heavy Metal Ions (Copper-Zinc, Copper-Nickel) using Ion-Exchange Methods                        | КПІ<br>Gomelya, Mykola<br>Інша афіліація<br>Koliehova, Anastasiia<br>Trokhymenko, Hanna<br>Svitlana, Melnychuk                       | JOURNAL OF ECOLOGICAL ENGINEERING<br>Том: 20<br>Выпуск: 11<br>Стр.: 146-151                  |  |  | 1 |
|     | Gomelya, Nikolai  | Study of the Process of Electro Evolution of Copper Ions from Waste Regeneration Solutions  | КПІ<br>Gomelya, Nikolai<br>Trus, Inna<br>Інша афіліація<br>Trokhymenko, Ganna<br>Magas, Nataliya<br>Koliehova, Anastasiia            | JOURNAL OF ECOLOGICAL ENGINEERING<br>Том: 21<br>Выпуск: 2<br>Стр.: 29-38                     |  |  | 1 |
|     | Gomelia, Nikolai  | Assessment of the Effect of Oxygen and Carbon Dioxide Concentrations on Gas Evolution During Heat Treatment of Thermoanthracite Carbon Material | КПІ<br>Panov, Yevgen<br>Gomelia, Nikolai<br>Ivanenko, Olena<br>Leleka, Serhii<br>Інша афіліація<br>Vahin, Andrii                     | JOURNAL OF ECOLOGICAL ENGINEERING<br>Том: 21<br>Выпуск: 2<br>Стр.: 139-149                   |  |  | 1 |

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| 27. | Gondlyakh, Aleksandr V. | Use of Physicochemical Modification Methods for Producing Traditional and Nanomodified Polymeric Composites with Improved Operational Properties | <p><b>КПІ</b><br/>         Kolosov, Aleksandr E.<br/>         Sivetskii, Volodymyr I.<br/>         Kolosova, Elena P.<br/>         Vanin, Volodymyr V.<br/>         Gondlyakh, Aleksandr<br/>         Sidorov, Dmytro E.<br/>         Ivitskiy, Igor I.<br/> <b>Інша афіліація</b><br/>         Symoniuk, Volodymyr</p> | INTERNATIONAL JOURNAL OF POLYMER SCIENCE<br>Том: 2019<br>Номер статті: 1258727  | POLYMER SCIENCE Q2                        | 1.892 | 1 |
| 28. | Gubarev, Aleksandr P.   | Logic correctness of control algorithms for mechatronic discrete systems with parallel processes   | <p><b>КПІ</b><br/>         Gubarev, Aleksandr P.<br/>         Hanpanturova, Oksana<br/>         Belikov, Konstantin A.<br/> <b>Інша афіліація (ін)</b><br/>         Gromaszek, Konrad<br/>         Turgunbekov, Azat</p>  | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Серия книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статті:<br>1117660 |   |       | 1 |
| 29. | Gusev, E.I.             | Optimizing Access to Memory Pages in Software-Implemented Global Page Cache Systems  | <p><b>КПІ</b><br/>         Gusev, E. I.</p>   | PROGRAMMING AND COMPUTER SOFTWARE<br>Том: 45 Выпуск: 8<br>Стр.: 497-505   | COMPUTER SCIENCE, SOFTWARE ENGINEERING Q4 | 0.75  | 1 |

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| 30. | Halysh, Vita            | Spent Biosorbents as Additives in Cement Production   | <p><b>КПІ</b><br/> Halysh, Vita<br/> Trus, Inna<br/> Radovenchuk, Iaroslav<br/> Deykun, Iryna<br/> Vorobyova, Victoria<br/> Sirenko, Ludmila<br/> <b>Інша афіліація</b><br/> Nikolaichuk, Alina<br/> Skiba, Margarita<br/> Vasylenko, Inna</p> | <p>JOURNAL OF ECOLOGICAL ENGINEERING<br/> Том: 21<br/> Выпуск: 2<br/> Стр.: 131-138</p>  |  |  | 1,2 |
| 31. | Hanpanturova, Oksana S. | Logic correctness of control algorithms for mechatronic discrete systems with parallel processes        | <p><b>КПІ</b><br/> Gubarev, Aleksandr P.<br/> Hanpanturova, Oksana<br/> Belikov, Konstantin A.<br/> <b>Інша афіліація (ін)</b><br/> Gromaszek, Konrad<br/> Turgunbekov, Azat</p>   | <p>PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br/> Proceedings of SPIE<br/> Том: 11176<br/> Номер статьи: 1117660</p> |  |  | 1   |
| 32. | Hol, V. D.              | Parameters of the Carrier Sense Multiple Access Protocol with Conflicts Resolving at the Physical Layer | <p><b>КПІ</b><br/> Yerokhin, V. F.<br/> Poliakova, A. S.<br/> Sboiev, R. Yu<br/> Hol, V. D.</p>  | <p>VISNYK NTUU KPI SERIIA-RADIOTEKHNKA RADIOAPARATOBUDUVANNIA</p>  |  |  | 1   |

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| 33. | Ilchenko, Michael | Circuit Function<br>Characterizing Tunability of<br>Resonators  | КПІ<br>Zakharov, Alexander<br>Ilchenko, Michael  | IEEE<br>TRANSACTIONS ON<br>CIRCUITS AND<br>SYSTEMS I-<br>REGULAR PAPERS<br>Том: 67 Выпуск: 1<br>Стр.: 98-107 | ENGINEERING,<br>ELECTRICAL &<br>ELECTRONIC Q1 | 3.934 | 1 |
| 34. | Ivanenko, Iryna   | Structural and catalytic<br>properties of Ni-, Co-spinel,<br>and its composites   | КПІ<br>Voronova, Anastasiia<br>Ivanenko, Iryna   | APPLIED<br>NANOSCIENCE   | NANOSCIENCE &<br>NANOTECHNOLO<br>GY Q2        | 3.198 | 2 |
| 35. | Ivanenko, Olena   | Assessment of the Effect of<br>Oxygen and Carbon Dioxide<br>Concentrations on Gas<br>Evolution During Heat<br>Treatment of<br>Thermoanthracite Carbon<br>Material | КПІ<br>Panov, Yevgen<br>Gomelia, Nikolai<br>Ivanenko, Olena<br>Leleka, Serhii<br>Інша афіліація<br>Vahin, Andrii | JOURNAL OF<br>ECOLOGICAL<br>ENGINEERING<br>Том: 21<br>Выпуск: 2<br>Стр.: 139-149                             |   |       | 1 |
| 36. | Ivanenko, Victor  | Kolmogorov Consistency<br>Theorem for Nonstochastic<br>Random Processes   | КПІ<br>Ivanenko, Victor<br>Pasichnichenko, Illia   | SANKHYA-SERIES<br>A-MATHEMATICAL<br>STATISTICS AND<br>PROBABILITY<br>Том: 81 Выпуск: 2<br>Стр.: 399-405      |   |       | 2 |

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|-----|-------------------|---|---|---|---|-------|---|
| 37. | Ivanov, Alexander | Large deviations of the correlogram estimator of the random noise covariance function in the nonlinear regression model                         | <p>КПІ<br/>Ivanov, Alexander<br/>Moskvychova,<br/>Kateryna<br/>Інша афіліація<br/>Kozachenko, Yuriy</p> | COMMUNICATIONS<br>IN STATISTICS-<br>THEORY AND<br>METHODS                                     | STATISTICS &<br>PROBABILITY Q4            | 0.424 | 2 |
|     | Ivanov, A. V.     | On the Whittle estimator for linear random noise spectral density parameter in continuous-time nonlinear regression models                      | <p>КПІ<br/>Ivanov, A. V.<br/>Orlovskiy, I. V.<br/>Інша афіліація (ін)<br/>Leonenko, N. N.</p>           | STATISTICAL<br>INFERENCE FOR<br>STOCHASTIC<br>PROCESSES<br>Том: 23 Выпуск: 1<br>Стр.: 129-169 |   |       | 2 |
| 38. | Ivanova, Tetiana  | Management of green procurement in small and medium-sized manufacturing enterprises in developing economies                                     | <p>КПІ<br/>Ivanova, Tetiana</p>   | AMFITEATRU<br>ECONOMIC<br>Том: 22<br>Выпуск: 53<br>Стр.: 121-136                              | BUSINESSQ4<br>ECONOMICSQ2<br>MANAGEMENTQ4 | 1.238 | 3 |
| 39. | Ivasyshen, S. D.  | Properties of integrals which have the type of derivatives of volume potentials for one kolmogorov type ultraparabolic arbitrary order equation | <p>КПІ<br/>Ivasyshen, S. D.<br/>Інша афіліація<br/>Dron', V. S<br/>Medyns'kyi, I. P.</p>                | CARPATHIAN<br>MATHEMATICAL<br>PUBLICATIONS<br>Том: 11 Выпуск: 2<br>Стр.: 268-280              |   |       | 2 |

|     |                   |  |  |   |  |       |   |
|-----|-------------------|--|--|---|--|-------|---|
| 40. | Ivitskiy, Igor I. | Use of Physicochemical Modification Methods for Producing Traditional and Nanomodified Polymeric Composites with Improved Operational Properties | КПІ<br>Kolosov, Aleksandr E.<br>Sivetskii, Volodymyr I.<br>Kolosova, Elena P.<br>Vanin, Volodymyr V.<br>Gondlyakh, Aleksandr<br>Sidorov, Dmytro E.<br>Ivitskiy, Igor I.<br>Інша афіліація<br>Symoniuk, Volodymyr | INTERNATIONAL JOURNAL OF POLYMER SCIENCE<br>Том: 2019<br>Номер статьи: 1258727  | POLYMER SCIENCE Q2                               | 1.892 | 1 |
| 41. | Jakhno, Oleg M.   | Experimental research of hydroluminescence in the cavitating flow of mineral oil   | КПІ<br>Nochnichenko, Ihor V.<br>Luhovskyi, Alexandr F.<br>Jakhno, Oleg M.<br>Kostiuk, Dmytro V.<br>Інша афіліація (ін)<br>Komada, Pawel<br>Kozbakova, Ainur  | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Серия книг: Proceedings of SPIE<br>Том: 11176<br>Номер статьи: 1117615 |  |       | 1 |
| 42. | Kalita, V. M.     | Unusual magnetic and calorimetric properties of lanthanum-strontium manganite nanoparticles  | КПІ<br>Kalita, V. M.<br>Інша афіліація<br>Tovstolytkin, A. I.<br>Lytvynenko, Ya. M.  | JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS<br>Том: 498   | MATERIALS SCIENCE, MULTIDISCIPLINARY Q2 PHYSICS, | 2.683 | 1 |

|     |                          |  |  |  |                         |       |   |
|-----|--------------------------|--|--|--|-------------------------|-------|---|
|     |                          |  | Bodnaruk, A. V.<br>Bondar, O. V.<br>Ryabchenko, S. M.<br>Shlapa, Yu. Yu.<br>Solopan, S. O.<br>Belous, A. G.  | Номер стат'ї: 166088   | CONDENSED<br>MATTER Q2  |       |   |
| 43. | Khrokalo,<br>Liudmyla A. | Review of the genus<br>Sphenometopa Townsend,<br>1908 (Diptera:<br>Sarcophagidae) of the Middle<br>East        | <b>КПІ</b><br>Khrokalo, Liudmyla A.<br><b>Інша афіліація</b><br>Verves, Yuriy G  | BIOLOGIA   | BIOLOGY Q4              | 0.728 | 2 |
| 44. | Kiyashchenko, A.<br>N.   | Simplified Technique of<br>Technological Support for the<br>Operation of Laser Beam<br>Processing of Materials | <b>КПІ</b><br>Kotlyaroy, V. P.<br>Kiyashchenko, A. N.<br>Sergienko, N.I.   | SURFACE<br>ENGINEERING AND<br>APPLIED<br>ELECTROCHEMISTRY<br>Том: 55 Выпуск: 6<br>Стр.: 692-717  | ELECTROCHEMIST<br>RY Q4 | 0.289 | 1 |
| 45. | Kolobrodov,<br>Mykyta S. | Expansion of the Operating<br>Spectral Range of the Optical<br>Processor                                       | <b>КПІ</b><br>Kolobrodov, Valentin<br>Tymchik, Grygorij<br>Kolobrodov, Mykyta<br><b>Інша афіліація (ін)</b><br>Kociubinski, Andrzej<br>Denissova, Nataliya<br>Kunbolat, Algazy | PHOTONICS<br>APPLICATIONS IN<br>ASTRONOMY,<br>COMMUNICATIONS,<br>INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019<br>Proceedings of SPIE<br>Том: 11176<br>Номер стат'ї: 1117607 |                         |       | 1 |



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| 46. | Kolobrodov, Valentin | Expansion of the Operating Spectral Range of the Optical Processor | <p><b>КПІ</b><br/> Kolobrodov, Valentin<br/> Тумчик, Григорій<br/> Kolobrodov, Mykyta<br/> <b>Інша афіліація (ін)</b><br/> Kociubinski, Andrzej<br/> Denissova, Nataliya<br/> Kunbolat, Algazy</p> | PHOTONICS<br>APPLICATIONS IN<br>ASTRONOMY,<br>COMMUNICATIONS,<br>INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019<br>Серия книг: Proceedings<br>of SPIE<br>Том: 11176<br>Номер статьи: 1117607 |  |  | 1 |
|     | Kolobrodov, Valentin | Forming thermal imaging system field of view with afocal lens cap  | <p><b>КПІ</b><br/> Chyzh, Igor G.<br/> Kolobrodov, Valentin<br/> Mykytenko, Volodymyr<br/> Тумчик, Григорій<br/> <b>Інша афіліація (ін)</b><br/> Komada, Pawel<br/> Kozbakova, Ainur</p>           | PHOTONICS<br>APPLICATIONS IN<br>ASTRONOMY,<br>COMMUNICATIONS,<br>INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019<br>Серия книг: Proceedings<br>of SPIE<br>Том: 11176<br>Номер статьи: 111760Т |  |  | 1 |

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|-----|----------------------|--|--|--|----------------------------------|-------|---|
| 47. | Koloso, Aleksandr E. | Use of Physicochemical Modification Methods for Producing Traditional and Nanomodified Polymeric Composites with Improved Operational Properties | <p><b>КПІ</b></p> <p>Koloso, Aleksandr E.<br/>Sivetskii, Volodymyr I.<br/>Kolosova, Elena P.<br/>Vanin, Volodymyr V.<br/>Gondlyakh, Aleksandr<br/>Sidorov, Dmytro E.<br/>Ivitskiy, Igor I.</p> <p><b>Інша афіліація</b></p> <p>Symoniuk, Volodymyr</p> | INTERNATIONAL JOURNAL OF POLYMER SCIENCE<br>Том: 2019<br>Номер статьи: 1258727 | POLYMER SCIENCE Q2               | 1.892 | 1 |
| 48. | Kolosova, Elena P.   | Use of Physicochemical Modification Methods for Producing Traditional and Nanomodified Polymeric Composites with Improved Operational Properties | <p><b>КПІ</b></p> <p>Koloso, Aleksandr E.<br/>Sivetskii, Volodymyr I.<br/>Kolosova, Elena P.<br/>Vanin, Volodymyr V.<br/>Gondlyakh, Aleksandr<br/>Sidorov, Dmytro E.<br/>Ivitskiy, Igor I.</p> <p><b>Інша афіліація</b></p> <p>Symoniuk, Volodymyr</p> | INTERNATIONAL JOURNAL OF POLYMER SCIENCE<br>Том: 2019<br>Номер статьи: 1258727 | POLYMER SCIENCE Q2               | 1.892 | 1 |
| 49. | Koniushok, S. M.     | Upper Bounds on the Imbalance of Discrete Functions Implemented by Sequences of Finite Automata  | <p><b>КПІ</b></p> <p>Alekseychuk, A. N.<br/>Koniushok, S. M.<br/>Poremskyi, M. V.</p>  | CYBERNETICS AND SYSTEMS ANALYSIS<br>Том: 55 Выпуск: 5<br>Стр.: 752-759         | COMPUTER SCIENCE, CYBERNETICS Q4 |       | 2 |

|     |                   |   |   |  |  |       |   |
|-----|-------------------|---|---|--|--|-------|---|
|     | Koniushok, S. M.  | A Method of Evaluating the Security of Snow 2.0-Like Ciphers Against Correlation Attacks Over the Finite Extensions of Two Element Field  | КПІ<br>Aleksychuk, A. N.<br>Koniushok, S. M.<br>Porcroskyi, M. V.   | CYBERNETICS AND SYSTEMS ANALYSIS<br>Том: 56<br>Выпуск: 1<br>Стр.: 40-52    | COMPUTER SCIENCE, CYBERNETICS Q4             |       | 2 |
| 50. | Kononenko, Ya. A. | Changes in the Structural and Morphological Parameters of Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> , as a Basis for the Electrode Material of Lithium Power Sources, Due to Shock-Vibrating Treatment | КПІ<br>Yavorskyi, Yu. V.<br>Zaulychnyy, Ya. V.<br>Dudka, O. I.<br>Kononenko, Ya. A.<br>Інша афіліація<br>Karpets, M. V.<br>Hrubiak, A. B.<br>Moklyak, V. V. | PHYSICS AND CHEMISTRY OF SOLID STATE<br>Том: 20 Выпуск: 4<br>Стр.: 360-366 |  |       | 1 |
| 51. | Konotop, Dmytro   | Information technology of generalized model creation of complex technical objects   | КПІ<br>Konotop, Dmytro<br>Zinchenko, Valeriy<br>Інша афіліація<br>Budinska, Ivana<br>Li, Wei  | COMPUTING AND INFORMATICS<br>Том: 38<br>Выпуск: 5<br>Стр.: 1111-1130       | COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE Q4 | 0.421 | 1 |
| 52. | Kornieva, Zoia    | Dialogic interactive speaking skills assessment in the experiential teaching of technical english to tertiary school students   | КПІ<br>Kornieva, Zoia<br>Інша афіліація<br>Liubashenko, Olesia  | ADVANCED EDUCATION<br>Выпуск: 13<br>Стр.: 18-25                            |  |       | 3 |

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|-----|--------------------|---|---|---|---------------------|-------|---|
|     | Kornieva, Zoia M.  | Efficiency of teaching english monologue production to future mechanical engineers by means of podcasting | КПІ<br>Kornieva, Zoia M.<br>Vashchylo, Olha V.  | INFORMATION TECHNOLOGIES AND LEARNING TOOLS<br>Том: 74 Выпуск: 6<br>Стр.: 71-83   |                     |       | 3 |
| 53. | Kostiuk, Dmytro V. | Experimental research of hydroluminescence in the cavitating flow of mineral oil                          | КПІ<br>Nochnichenko, Ihor V.<br>Luhovskyi, Alexandr F.<br>Jakhno, Oleg M.<br>Kostiuk, Dmytro V.<br>Інша афіліація (ін)<br>Komada, Pawel<br>Kozbakova, Ainur | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Proceedings of SPIE<br>Том: 11176<br>Номер статьи: 1117615 |                     |       | 1 |
| 54. | Kostyleva, S. O.   | Denationalization of Print Media of Ukraine (2015-2019): Features of Reform, Results, Importance          | КПІ<br>Kostyleva, S. O.   | STORINKY ISTORIYI-HISTORY PAGES<br>Выпуск: 49<br>Стр.: 247-258  |                     |       | 3 |
| 55. | Kotlyaroy, V. P.   | Simplified Technique of Technological Support for the Operation of Laser Beam Processing of Materials     | КПІ<br>Kotlyaroy, V. P.<br>Kiyashchenko, A. N.<br>Sergienko, N.I.   | SURFACE ENGINEERING AND APPLIED ELECTROCHEMISTRY<br>Том: 55 Выпуск: 6   | ELECTROCHEMISTRY Q4 | 0.289 | 1 |

|     |                      |  |   |   |  |       |   |
|-----|----------------------|--|---|---|--|-------|---|
|     |                      |  |   | Стр.: 692-717   |  |       |   |
| 56. | Kovalchuk, L.V.      | Supersingular Twisted Edwards Curves over Prime Fields.* II. Supersingular Twisted Edwards Curves with the j-Invariant Equal to 66(3)        | КПІ<br>Bessalov, A.V.<br>Kovalchuk, L.V.  | CYBERNETICS AND SYSTEMS ANALYSIS<br>Том: 55<br>Выпуск: 5<br>Стр.: 731-741   | COMPUTER SCIENCE,<br>CYBERNETICS Q4  |       | 2 |
| 57. | Kovalenko, Volodymyr | Effect of laser surface melting pretreatment on the growth behavior and mechanical properties of microarc oxidation coating on Ti6Al4V alloy | КПІ<br>Kovalenko, Volodymyr<br>Інша афіліація (ін)<br>Wu, Guolong<br>Wang, Ye<br>Sun, Min<br>Zhang, Qunli<br>Yao, Jianhua | JOURNAL OF LASER APPLICATIONS<br>Том: 32<br>Выпуск: 1<br>Номер статьи: 012013   | MATERIALS SCIENCE,<br>MULTIDISCIPLINARY Q3<br>OPTICS Q3<br>PHYSICS, APPLIED Q3   | 1.443 | 1 |
|     | Kovalenko, Volodymyr | Microstructure refinement and properties of 1.0C-1.5Cr steel in a duplex treatment combining double quenching and laser surface quenching    | КПІ<br>Kovalenko, Volodymyr<br>Інша афіліація (ін)<br>Li, Zhen-xing<br>Tong, Bing-qian<br>Zhang, Qun-li<br>Yao, Jian-hua  | MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING<br>Том: 776<br>Номер статьи: 138994 | MATERIALS SCIENCE,<br>MULTIDISCIPLINARY Q1<br>METALLURGY & METALLURGICAL ENGINEERING Q1<br>NANOSCIENCE & NANOTECHNOLOGY Q2 | 4.081 | 1 |
| 58. | Kovaliuk, Dmytro O.  | Optimization of web-application performance  | КПІ<br>Kovaliuk, Dmytro O.<br>Інша афіліація<br>Kovaliuk, Oleh O.   | PHOTONICS APPLICATIONS IN ASTRONOMY,<br>COMMUNICATIONS,   |  |       | 1 |

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|-----|------------------|--|---|---|---|-------|---|
|     |                  |  | <p>Pinaieva, Olga Yu.<br/> Kotyra, Andrzej (iH)<br/> Kalizhanova, Aliya (iH)</p>  | <p>INDUSTRY, AND<br/> HIGH-ENERGY<br/> PHYSICS<br/> EXPERIMENTS 2019<br/> Серия книг: Proceedings<br/> of SPIE<br/> Том: 11176<br/> Номер статьи: 1117626</p> |   |       |   |
| 59. | Kruhlov, I. O.   | <p>Oxidation and reduction<br/> processes in<br/> Ni/Cu/Cr/Si(100) thin films<br/> under low-energy ion<br/> irradiation</p> | <p><b>КПІ</b><br/> Kruhlov, I. O.<br/> Vladymyrskyi, I. A.<br/> Sidorenko, S.. I.<br/> Voloshko, S. M.<br/> Інша афіліація<br/> Dubikovskiy, O.<br/> Ebisu, T. (iH)<br/> Kato, K. (iH)<br/> Sakata, O. (iH)<br/> Ishikawa, T. (iH)<br/> Iguchi, Y. (iH)<br/> Langer, G. A. (iH)<br/> Erdelyi, Z. (iH)</p> | <p>MATERIALS<br/> RESEARCH<br/> EXPRESS<br/> Том: 6 Выпуск: 12<br/> Номер статьи: 126431</p>  | <p>MATERIALS<br/> SCIENCE,<br/> MULTIDISCIPLINA<br/> RYQ3</p> | 1.449 | 1 |
| 60. | Kupenko, Olha P. | <p>On optimal boundary control<br/> problem for a strongly<br/> degenerate elliptic equation</p>                             | <p><b>КПІ</b><br/> Kupenko, Olha P.<br/> Інша афіліація (iH)<br/> Durante, Tiziana<br/> Manzo, Rosanna</p>  | <p>REVISTA<br/> МАТЕМАТИКА<br/> COMPLUTENSE<br/> Том: 33 Выпуск: 1<br/> Стр.: 63-88</p>   | <p>MATHEMATICS Q2<br/> MATHEMATICS,<br/> APPLIED Q3</p>       | 0.966 | 2 |

|     |                      |   |  |   |  |       |     |
|-----|----------------------|---|--|---|--|-------|-----|
| 61. | Kutuzova, Anastasiya | TiO <sub>2</sub> -SnO <sub>2</sub> Nanocomposites: Effect of Acid-Base and Structural-Adsorption Properties on Photocatalytic Performance | КПІ<br>Kutuzova, Anastasiya<br>Dontsova, Tetiana<br>Інша афіліація (ін)<br>Kwapinski, Witold   | JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS          | POLYMER SCIENCE Q3                                   | 1.637 | 2   |
| 62. | Labur, O.            | "Window of Opportunities?" Gender in the Wake of the February Revolution's Policy in the 1917s Ukraine                                    | КПІ<br>Labur, O.   | STORINKY ISTORIYI-HISTORY PAGES<br>Вып: 49 С.: 42-58                    |  |       | 3   |
| 63. | Lapach, Sergey N.    | Certain methods of led lighting optimisation in plant photoculture  | КПІ<br>Lapach, Sergey N.<br>Інша афіліація<br>Berkovich, Yuli A.<br>Ochkov, Oleg A.<br>Buryak, Andrey A.<br>Smolyanina, Svetlana O<br>Perevedentsev, Oleg V. | LIGHT & ENGINEERING<br>Том: 27 Стр.: 49-57<br>Специальный выпуск:<br>SI | ENGINEERING, ELECTRICAL & ELECTRONIC Q4<br>OPTICS Q4 | 0.216 | 1,2 |
|     | Lapach, Sergey N.    | Optimisation of led lighting of leaf vegetables with increased content of ascorbic acid   | КПІ<br>Lapach, Sergey N.<br>Інша афіліація<br>Berkovich, Yuli A.<br>Konovalova, Irina O.<br>Smolyanin, Vitaliy G.<br>Smolyanina, Svetlana                    | LIGHT & ENGINEERING<br>Том: 27 Стр.: 64-72<br>Специальный выпуск:<br>SI | ENGINEERING, ELECTRICAL & ELECTRONIC Q4<br>OPTICS Q4 | 0.216 | 1,2 |
| 64. | Lavreniuk, M. S.     | Urban atlas for ukrainian cities on the basis of high-resolution satellite data   | КПІ<br>Shelestov, A. Yu.<br>Lavreniuk, M. S.<br>Інша афіліація   | SPACE SCIENCE AND TECHNOLOGY-KOSMICNA NAUKA I TEHNOLOGIA                |  |       | 1   |

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|-----|----------------|---|--|--|--|-------|---|
|     |                |   | Kussul, N. M.<br>Yailymov, B. Ya.<br>Shumilo, L. L.<br>Yailyмова, Н. О.<br>Kolos, L. M.<br>Pidgorodetska, L. V.<br>Bilokonska, Y. V.   | Том: 25 Выпуск: 6<br>Стр.: 51-60   |  |       |   |
| 65. | Leiko, A. G.   | Resonances in the System of Shield-Coupled Hydroacoustic Piezoceramic Transducers   | <b>КПІ</b><br>Leiko, A. G.<br><b>Інша афіліація</b><br>Chepkov, I. B.<br>Lapitskii, S. V.<br>Zinkovskii, A. P.<br>Derepa, A. V.        | STRENGTH OF MATERIALS<br>Том: 51<br>Выпуск: 6<br>Стр.: 834-842             | MATERIALS SCIENCE, CHARACTERIZATION & TESTING Q4             | 0.67  | 1 |
| 66. | Leleka, Serhii | Assessment of the Effect of Oxygen and Carbon Dioxide Concentrations on Gas Evolution During Heat Treatment of Thermoanthracite Carbon Material                 | <b>КПІ</b><br>Panov, Yevgen<br>Gomelia, Nikolai<br>Ivanenko, Olena<br>Leleka, Serhii<br><b>Інша афіліація</b><br>Vahin, Andrii         | JOURNAL OF ECOLOGICAL ENGINEERING<br>Том: 21<br>Выпуск: 2<br>Стр.: 139-149 |  |       | 1 |
| 67. | Lesyk, D. A.   | Post-processing of the Inconel 718 alloy parts fabricated by selective laser melting: Effects of mechanical surface treatments on surface topography, porosity, | <b>КПІ</b><br>Lesyk, D. A.<br>Dzhemelinskyi, V. V.<br><b>Інша афіліація</b><br>Martinez, S. (ін)<br>Mordyuk, B. N.<br>Lamikiz, A. (ін) | SURFACE & COATINGS TECHNOLOGY<br>Том: 381<br>Номер статьи: 125136          | MATERIALS SCIENCE, COATINGS & FILMSQ1<br>PHYSICS, APPLIED Q2 | 3.192 | 1 |



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|-----|---------------------------|---|---|--|-----------------------|-------|-------|
|     |                           | hardness and residual stress  | Prokopenko, G. I.   |  |                       |       |       |
| 68. | Liubashenko, N.           | Complex analysis and mathematical modeling of the internal exposure dose of the ukrainian polissya rural population | КПІ<br>Cherniayskyi, A.<br>Liubashenko, N.<br>Інша афіліація<br>Chobotko, H.<br>Raichuk, L.<br>McDonald, I.   | NUCLEAR PHYSICS<br>AND ATOMIC<br>ENERGY<br>Том: 20<br>Выпуск: 4<br>Стр.: 397-404   |                       |       | 1,2,3 |
| 69. | Loktev, V. M.             | Electronic properties of graphene with point defects (Review Article)   | КПІ<br>Loktev, V. M.<br>Інша афіліація<br>Skrypnyk, Y.V.  | LOW<br>TEMPERATURE<br>PHYSICS<br>Том: 45 Выпуск: 12<br>Стр.: 1310-1342   | PHYSICS,<br>APPLIEDQ4 | 0.825 | 1     |
| 70. | Luhovskyi,<br>Alexandr F. | Experimental research of hydroluminescence in the cavitating flow of mineral oil                                    | КПІ<br>Nochnichenko, Ihor V.<br>Luhovskyi, Alexandr F.<br>Jakhno, Oleg M.<br>Kostiuk, Dmytro V.<br>Інша афіліація (ін)<br>Komada, Pawel<br>Kozbakova, Ainur | PHOTONICS<br>APPLICATIONS IN<br>ASTRONOMY,<br>COMMUNICATIONS,<br>INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019<br>Серия книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статьи:<br>1117615 |                       |       | 1     |

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| 71. | Lutsenko, Tetiana     | Optimization of the culture medium composition to increase the biosynthesis of recombinant human interleukin-7 in escherichia coli | КПІ<br>Motronenko, Valentyna<br>Lutsenko, Tetiana<br>Galkin, Alexander<br>Інша афіліація<br>Gorshunov, Yuriy<br>Solovjova, Valentyna   | JOURNAL OF MICROBIOLOGY BIOTECHNOLOGY AND FOOD SCIENCES<br>Том: 9 Выпуск: 4<br>Стр.: 761-768 |  |       | 2   |
| 72. | Makarenko, Oleksandr  | Increasing Capacity of Association Memory by Means of Synaptic Clustering  | КПІ<br>Osaulenko, Viacheslav<br>Makarenko, Oleksandr<br>Інша афіліація (ін)<br>Girau, Bernard<br>Henaff, Patrick   | NEURAL PROCESSING LETTERS<br>Том: 50 Выпуск: 3<br>Стр.: 2717-2730                            | COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE Q2               | 2.591 | 1,2 |
| 73. | Markushyna, Yevheniia | Synthesis, physico-chemical properties and microsomal stability of compounds bearing aliphatic trifluoromethoxy group              | КПІ<br>Markushyna, Yevheniia<br>Інша афіліація<br>Logvinenko, Ivan G.<br>Kondratov, Ivan S.<br>Vashchenko, BohdanV.<br>Kliachyna, Maria<br>Tokaryeva, Yuliya<br>Pivnytska, Valentyna<br>Grygorenko, Oleksandr<br>Haufe, Guenter (ін) | JOURNAL OF FLUORINE CHEMISTRY<br>Том: 231<br>Номер статьи: UNSP 109461                       | CHEMISTRY, INORGANIC & NUCLEAR Q3<br>CHEMISTRY, ORGANIC Q3 | 2.055 | 2   |

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|-----|------------------------|--|--|---|--|--|---|
| 74. | Mazurek, Emilia        | The educational biographies of engineers starting academic careers: comparative perspective of poland and ukraine                  | КПІ<br>Mazurek, Emilia<br>Vynoslavska, Olena   | ADVANCED EDUCATION<br>Выпуск:<br>13 Стр.: 4-10  |  |  | 3 |
| 75. | Melnychenko, Anatolii  | Developing competences of public management and administration specialists: implementation of foreign experience in Ukraine        | КПІ<br>Melnychenko, Anatolii<br>Akimova, Olena   | ADVANCED EDUCATION<br>Выпуск: 13<br>Стр.: 89-96   |  |  | 3 |
| 76. | Morozov, Kostiantyn, V | Hierarchical Graph-Logical Models of Multiprocessor Systems Based on Grouping of Their Components                                  | КПІ<br>Romankevich, Alexei<br>Morozov, Kostiantyn,<br>Romankevich, Vitaliy   | INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY<br>Том: 19 Выпуск: 10<br>Стр.: 138-143 |  |  | 1 |
| 77. | Motronenko, Valentyna  | Optimization of the culture medium composition to increase the biosynthesis of recombinant human interleukin-7 in escherichia coli | КПІ<br>Motronenko, Valentyna<br>Lutsenko, Tetiana<br>Galkin, Alexander<br>Інша афіліація<br>Gorshunov, Yuriy<br>Solovjova, Valentyna | JOURNAL OF MICROBIOLOGY BIOTECHNOLOGY AND FOOD SCIENCES<br>Том: 9 Выпуск: 4<br>Стр.: 761-768          |  |  | 2 |

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|-----|-----------------------|---|---|---|----------------------------|-------|---|
| 78. | Moskvychova, Kateryna | Large deviations of the correlogram estimator of the random noise covariance function in the nonlinear regression model | КПІ<br>Ivanov, Alexander<br>Moskvychova, Kateryna<br>Інша афіліація<br>Kozachenko, Yuriy  | COMMUNICATIONS IN STATISTICS-THEORY AND METHODS   | STATISTICS & PROBABILITYQ4 | 0.424 | 2 |
| 79. | Mykytenko, Volodymyr  | Forming thermal imaging system field of view with afocal lens cap   | КПІ<br>Chyzh, Igor G.<br>Kolobrodov, Valentin<br>Mykytenko, Volodymyr<br>Тумчик, Grygorij<br>Інша афіліація (ін)<br>Komada, Pawel<br>Kozbakova, Ainur       | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Серия книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статьи:<br>111760T |                            |       | 1 |
| 80. | Nochnichenko, Ihor V. | Experimental research of hydroluminescence in the cavitating flow of mineral oil  | КПІ<br>Nochnichenko, Ihor V.<br>Luhovskyi, Alexandr F.<br>Jakhno, Oleg M.<br>Kostiuk, Dmytro V.<br>Інша афіліація (ін)<br>Komada, Pawel<br>Kozbakova, Ainur | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Серия книг:  |                            |       | 1 |

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|     |                     |  |  | Proceedings of SPIE<br>Том: 11176<br>Номер статьи:<br>1117615  |   |       |   |
| 81. | Norkin, Vladimir I. | B&B method for discrete partial order optimization   | <b>КПІ</b><br>Norkin, Vladimir I.  | COMPUTATIONAL<br>MANAGEMENT<br>SCIENCE<br>Том: 16<br>Выпуск: 4<br>Стр.: 577-592<br>Специальный выпуск:<br>SI |   |       | 2 |
| 82. | Novosad, A. A.      | Influence of ultrasound vibrations on the corrosion resistance of heat-exchange plates made of aisi 316 steel              | <b>КПІ</b><br>Vasyliiev, G. S.<br>Novosad, A. A.<br>Pidburtnyi, M. O.<br>Chyhryn, O. M.          | MATERIALS<br>SCIENCE<br>Том: 54<br>Выпуск: 6<br>Стр.: 913-919  | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RY Q4 | 0.526 | 1 |
| 83. | Obelets, Tetyana    | Determinants of investment sphere development in the context of the modern economic paradigm                               | <b>КПІ</b><br>Obelets, Tetyana<br><b>Інша афіліація</b><br>Kazak, Oksana                         | BALTIC JOURNAL<br>OF ECONOMIC<br>STUDIES<br>Том: 5 Выпуск: 5<br>Стр.: 54-60                                  |   |       | 3 |
| 84. | Orlovskiy, I. V.    | On the Whittle estimator for linear random noise spectral density parameter in continuous-time nonlinear regression models | <b>КПІ</b><br>Ivanov, A. V.<br>Orlovskiy, I. V.<br><b>Інша афіліація (ін)</b><br>Leonenko, N. N. | STATISTICAL<br>INFERENCE FOR<br>STOCHASTIC<br>PROCESSES<br>Том: 23 Выпуск: 1<br>Стр.: 129-169                |   |       | 2 |

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|-----|-----------------------|---|--|--|---|-------|-----|
| 85. | Osaulenko, Viacheslav | Increasing Capacity of Association Memory by Means of Synaptic Clustering   | КПІ<br>Osaulenko, Viacheslav<br>Makarenko, Oleksandr<br>Інша афіліація (ін)<br>Girau, Bernard<br>Henaff, Patrick | NEURAL PROCESSING LETTERS<br>Том: 50 Выпуск: 3<br>Стр.: 2717-2730                              | COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCEQ2 | 2.591 | 1,2 |
| 86. | Pankratova, N. D.     | Problems of interregional integration, cognitive modeling   | КПІ<br>Pankratova, N. D.<br>Інша афіліація<br>Gorelova, G. V.<br>Borisova, D. V.                                 | IFAC PAPERSONLINE<br>Том: 52 Выпуск: 25<br>Стр.: 168-173                                       |   |       | 3   |
| 87. | Panov, Yevgen         | Assessment of the Effect of Oxygen and Carbon Dioxide Concentrations on Gas Evolution During Heat Treatment of Thermoanthracite Carbon Material | КПІ<br>Panov, Yevgen<br>Gomelia, Nikolai<br>Ivanenko, Olena<br>Leleka, Serhii<br>Інша афіліація<br>Vahin, Andrii | JOURNAL OF ECOLOGICAL ENGINEERING<br>Том: 21<br>Выпуск: 2<br>Стр.: 139-149                     |   |       | 1   |
| 88. | Pasichnichenko, Illia | Kolmogorov Consistency Theorem for Nonstochastic Random Processes   | КПІ<br>Ivanenko, Victor<br>Pasichnichenko, Illia   | SANKHYA-SERIES A-MATHEMATICAL STATISTICS AND PROBABILITY<br>Том: 81 Выпуск: 2<br>Стр.: 399-405 |   |       | 2   |

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|-----|--------------------|--|--|---|---|-------|---|
| 89. | Pidburtnyi, M. O.  | Influence of ultrasound vibrations on the corrosion resistance of heat-exchange plates made of aisi 316 steel                            | КПІ<br>Vasyliiev, G. S.<br>Novosad, A. A.<br>Pidburtnyi, M. O.<br>Chyhryn, O. M.   | MATERIALS<br>SCIENCE<br>Том: 54<br>Выпуск: 6<br>Стр.: 913-919                                   | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RY Q4 | 0.526 | 1 |
| 90. | Podolyak, Svetlana | Hybridity of the worldview basis of the international law and order  | КПІ<br>Podolyak, Svetlana<br>Інша афіліація<br>Radzivill, Olexandr<br>Pyvovar, Yuriy<br>Matselyk, Mykhailo<br>Omelchenko, Andrii | JOURNAL OF LAW<br>AND POLITICAL<br>SCIENCES<br>Том: 22<br>Выпуск: 2<br>Стр.: 146-188            |   |       | 3 |
| 91. | Poliakova, A. S.   | Parameters of the Carrier Sense Multiple Access Protocol with Conflicts Resolving at the Physical Layer                                  | КПІ<br>Yerokhin, V. F.<br>Poliakova, A. S.<br>Sboiev, R. Yu<br>Hol, V. D.  | VISNYK NTUU KPI<br>SERIIA-<br>RADIOTEKHNIKA<br>RADIOAPARATOBU<br>DUVANNIA<br>Вып.: 79 С.: 55-59 |   |       | 1 |
| 92. | Porcroskyi, M.V.   | A Method of Evaluating the Security of Snow 2.0-Like Ciphers Against Correlation Attacks Over the Finite Extensions of Two Element Field | КПІ<br>Alekseychuk, A. N.<br>Koniushok, S. M.<br>Porcroskyi, M.V.  | CYBERNETICS AND<br>SYSTEMS ANALYSIS<br>Том: 56<br>Выпуск: 1<br>Стр.: 40-52                      | COMPUTER<br>SCIENCE,<br>CYBERNETICS Q4            |       | 2 |
| 93. | Poremskyi, M. V.   | Upper Bounds on the Imbalance of Discrete Functions Implemented by Sequences of Finite Automata  | КПІ<br>Alekseychuk, A. N.<br>Koniushok, S. M.<br>Poremskyi, M. V.  | CYBERNETICS AND<br>SYSTEMS ANALYSIS<br>Том: 55 Выпуск: 5<br>Стр.: 752-759                       | COMPUTER<br>SCIENCE,<br>CYBERNETICS Q4            |       | 2 |

|     |                       |  |   |  |   |       |     |
|-----|-----------------------|--|---|--|---|-------|-----|
| 94. | Radovenchyk, Iaroslav | Spent Biosorbents as Additives in Cement Production  | КПІ<br>Halysh, Vita<br>Trus, Inna<br>Radovenchyk, Iaroslav<br>Deykun, Iryna<br>Vorobyova, Victoria<br>Sirenko, Ludmila<br>Інша афіліація<br>Nikolaichuk, Alina<br>Skiba, Margarita<br>Vasylenko, Inna | JOURNAL OF ECOLOGICAL ENGINEERING<br>Том: 21<br>Выпуск: 2<br>Стр.: 131-138               |   |       | 1,2 |
| 95. | Ramazanov, Sh         | Revisiting the Beginning of the World War II: Debating Issues of the Contemporary Historiography                     | КПІ<br>Ramazanov, Sh<br>Інша афіліація<br>Levitas, F.   | STORINKY ISTORIYI-HISTORY PAGES<br>Выпуск: 49<br>Стр.: 162-179                           |   |       | 3   |
| 96. | Remez, N.             | Ensuring reliability of control data in engineering systems  | КПІ<br>Dychko, A.<br>Remez, N.<br>Інша афіліація<br>Yeremeyev, I.<br>Kyselov, V.<br>Kniazevych, A.  | LATVIAN JOURNAL OF PHYSICS AND TECHNICAL SCIENCES<br>Том: 56<br>Выпуск: 6<br>Стр.: 57-69 |   |       | 1   |
| 97. | Rodionov, Vladimir    | Impact of the dangling bond defects and grain boundaries on trapping recombination process in polycrystalline 3C SiC | КПІ<br>Savchenko, Dariya<br>Rodionov, Vladimir<br>Інша афіліація<br>Prokhorov, Andrey (ін)  | JOURNAL OF ALLOYS AND COMPOUNDS<br>Том: 823<br>Номер статті: 153752                      | CHEMISTRY, PHYSICAL Q2 MATERIALS SCIENCE, MULTIDISCIPLINA | 4.175 | 1   |



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|-----|----------------------------|--|---|--|---|-------|---|
|     |                            |  | Lancok, Jan (ін)<br>Kalabukhova, Ekaterina<br>Shanina, Bela   |  | RY Q1<br>METALLURGY &<br>METALLURGICAL<br>ENGINEERING Q1  |       |   |
| 98. | Romankevich,<br>Alexei M.  | Hierarchical Graph-Logical<br>Models of Multiprocessor<br>Systems Based on Grouping<br>of Their Components                       | КПІ<br>Romankevich, Alexei<br>Morozov, Kostiantyn,<br>Romankevich, Vitaliy  | INTERNATIONAL<br>JOURNAL OF<br>COMPUTER<br>SCIENCE AND<br>NETWORK<br>SECURITY<br>Том: 19 Выпуск: 10<br>Стр.: 138-143 |   |       | 1 |
| 99. | Romankevich,<br>Vitaliy A. | Hierarchical Graph-Logical<br>Models of Multiprocessor<br>Systems Based on Grouping<br>of Their Components                       | КПІ<br>Romankevich, Alexei<br>Morozov, Kostiantyn,<br>Romankevich, Vitaliy.   | INTERNATIONAL<br>JOURNAL OF<br>COMPUTER<br>SCIENCE AND<br>NETWORK<br>SECURITY<br>Том: 19 Выпуск: 10<br>Стр.: 138-143 |   |       | 1 |
| 100 | Savchenko, Dariya          | Impact of the dangling bond<br>defects and grain boundaries<br>on trapping recombination<br>process in polycrystalline 3C<br>SiC | КПІ<br>Savchenko, Dariya<br>Rodionov, Vladimir<br>Інша афіліація<br>Prokhorov, Andrey (ін)<br>Lancok, Jan (ін)<br>Kalabukhova, Ekaterina<br>Shanina, Bela | JOURNAL OF<br>ALLOYS AND<br>COMPOUNDS<br>Том: 823<br>Номер статъи: 153752  | CHEMISTRY,<br>PHYSICAL Q2<br>MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RY Q1<br>METALLURGY &<br>METALLURGICAL | 4.175 | 1 |

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|-----|-------------------|---|--|--|---------------------|-------|---|
|     |                   |   |  |  | ENGINEERING Q1      |       |   |
| 101 | Sboiev, R. Yu     | Parameters of the Carrier Sense Multiple Access Protocol with Conflicts Resolving at the Physical Layer | КПІ<br>Yerokhin, V. F.<br>Poliakova, A. S.<br>Sboiev, R. Yu<br>Hol, V. D.  | VISNYK NTUU KPI<br>SERIIA-<br>RADIOTEKHNIKA<br>RADIOAPARATOB<br>DUVANNIA<br>Выпуск: 79<br>Стр.: 55-59  |                     |       | 1 |
| 102 | Sergienko, N.I.   | Simplified Technique of Technological Support for the Operation of Laser Beam Processing of Materials   | КПІ<br>Kotlyaroy, V. P.<br>Kiyashchenko, A. N.<br>Sergienko, N.I.  | SURFACE<br>ENGINEERING AND<br>APPLIED<br>ELECTROCHEMISTRY<br>Том: 55 Выпуск: 6<br>Стр.: 692-717        | ELECTROCHEMISTRY Q4 | 0.289 | 1 |
| 103 | Shelestov, A. Yu. | Urban atlas for ukrainian cities on the basis of high-resolution satellite data                         | КПІ<br>Shelestov, A. Yu.<br>Lavreniuk, M. S.<br>Інша афіліація<br>Kussul, N. M.<br>Yailymov, B. Ya.<br>Shumilo, L. L.<br>Yailymova, H. O.<br>Kolos, L. M.<br>Pidgorodetska, L. V.<br>Bilokonska, Y. V. | SPACE SCIENCE<br>AND TECHNOLOGY-<br>KOSMICNA NAUKA<br>I TEHNOLOGIA<br>Том: 25 Выпуск: 6<br>Стр.: 51-60 |                     |       | 1 |

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|-----|--------------------|--|--|---|--|-------|---|
| 104 | Sidorenko, S.. I.  | Oxidation and reduction processes in Ni/Cu/Cr/Si(100) thin films under low-energy ion irradiation  | <p><b>КПІ</b></p> <p>Kruhlov, I. O.<br/> Vladymyrskyi, I. A.<br/> Sidorenko, S.. I.<br/> Voloshko, S. M.</p> <p><b>Інша афіліація</b></p> <p>Dubikovskiy, O.<br/> Ebisu, T. (іН)<br/> Kato, K. (іН)<br/> Sakata, O. (іН)<br/> Ishikawa, T. (іН)<br/> Iguchi, Y. (іН)<br/> Langer, G. A. (іН)<br/> Erdelyi, Z. (іН)</p> | <p>MATERIALS RESEARCH EXPRESS</p> <p>Том: 6 Выпуск: 12<br/> Номер статъи: 126431</p>        | <p>MATERIALS SCIENCE, MULTIDISCIPLINARY Q3</p> | 1.449 | 1 |
| 105 | Sidorov, Dmytro E. | Use of Physicochemical Modification Methods for Producing Traditional and Nanomodified Polymeric Composites with Improved Operational Properties | <p><b>КПІ</b></p> <p>Kolosov, Aleksandr E.<br/> Sivetskii, Volodymyr I.<br/> Kolossova, Elena P.<br/> Vanin, Volodymyr V.<br/> Gondlyakh, Aleksandr<br/> Sidorov, Dmytro E.<br/> Ivitskiy, Igor I.</p> <p><b>Інша афіліація</b></p> <p>Symoniuk, Volodymyr</p>   | <p>INTERNATIONAL JOURNAL OF POLYMER SCIENCE</p> <p>Том: 2019<br/> Номер статъи: 1258727</p> | <p>POLYMER SCIENCE Q2</p>                      | 1.892 | 1 |

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| 106 | Sirenko, Ludmila        | Spent Biosorbents as Additives in Cement Production  | <p><b>КПІ</b><br/> Halysh, Vita<br/> Trus, Inna<br/> Radovenchyk, Iaroslav<br/> Deykun, Iryna<br/> Vorobyova, Victoria<br/> Sirenko, Ludmila<br/> <b>Інша афіліація</b><br/> Nikolaichuk, Alina<br/> Skiba, Margarita<br/> Vasylenko, Inna</p>          | <p>JOURNAL OF ECOLOGICAL ENGINEERING<br/> Том: 21<br/> Выпуск: 2<br/> Стр.: 131-138</p>             |                    |       | 1,2 |
| 107 | Sivetskii, Volodymyr I. | Use of Physicochemical Modification Methods for Producing Traditional and Nanomodified Polymeric Composites with Improved Operational Properties | <p><b>КПІ</b><br/> Kolosov, Aleksandr E.<br/> Sivetskii, Volodymyr I.<br/> Kolosova, Elena P.<br/> Vanin, Volodymyr V.<br/> Gondlyakh, Aleksandr<br/> Sidorov, Dmytro E.<br/> Ivitskiy, Igor I.<br/> <b>Інша афіліація</b><br/> Symoniuk, Volodymyr</p> | <p>INTERNATIONAL JOURNAL OF POLYMER SCIENCE<br/> Том: 2019<br/> Номер статьи: 1258727</p>           | POLYMER SCIENCE Q2 | 1.892 | 1   |
| 108 | Skuratovskii, Ruslan, V | Generating sets and a structure of the wreath product of groups with non-faithful group action   | <p><b>КПІ</b><br/> Skuratovskii, Ruslan, V</p>  | <p>INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS<br/> Том: 18 Выпуск: 1<br/> Стр.: 104-116</p> |                    |       | 1   |

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|-----|----------------------|--|---|--|--|------|---|
| 109 | Slyvins'kyi, O. A.   | Alternatives of Energy Absorption Element Design Parameters for an Armored Combat Vehicle Seat Under Explosive Loading | КПІ<br>Slyvins'kyi, O. A.<br>Інша афіліація<br>Davydovs'kyi, L. S.<br>Bisyk, S. P.<br>Chepkov, I. B.<br>Vas'kivs'kyi, M. I.<br>Katok, O. A. | STRENGTH OF MATERIALS<br>Том: 51<br>Выпуск: 6<br>Стр.: 900-907                                 | MATERIALS SCIENCE, CHARACTERIZATION & TESTING Q4 | 0.67 | 1 |
| 110 | Spivakovska, Tetiana | Cooperation between Middle East countries and Ukraine in aerospace industry  | КПІ<br>Spivakovska, Tetiana<br>Інша афіліація (ін)<br>Spivakovskyy, Sergiy<br>Al-Ghozou, Ali Ahmad  | INTERNATIONAL JOURNAL OF BUSINESS PERFORMANCE MANAGEMENT<br>Том: 20 Выпуск: 4<br>Стр.: 378-399 |  |      | 3 |
|     | Spivakovska, Tetiana | Innovative business models for full cycle operating airlines   | КПІ<br>Spivakovska, Tetiana<br>Інша афіліація (ін)<br>Heiets, Iryna<br>Spivakovskyy, Sergiy   | INTERNATIONAL JOURNAL OF BUSINESS PERFORMANCE MANAGEMENT<br>Том: 20 Выпуск: 4<br>Стр.: 356-377 |  |      | 3 |
| 111 | Spodyniuk, Nadiia    | The quality of the microclimate in educational buildings subjected to thermal modernization                            | КПІ<br>Spodyniuk, Nadiia<br>Інша афіліація<br>Lis, Anna   | 11TH CONFERENCE ON INTERDISCIPLINARY PROBLEMS IN ENVIRONMENTAL                                 |  |      | 1 |

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|-----|---------------------|--|--|--|--|--|---|
|     |                     |  |  | PROTECTION AND<br>ENGINEERING (ЕКО-<br>ДОК 2019)<br>Серія книг: E3S<br>Webof Conferences<br>Том: 100<br>Номер статті: UNSP<br>00048  |  |  |   |
| 112 | Strutynskyi, Serhii | Grounds for mechatronic<br>system development of the<br>optical devices position<br>dynamic stabilization of a<br>mobile terrestrial robotic<br>system | <b>КПІ</b><br>Strutynskyi, Serhii<br><b>Інша афіліація (ін)</b><br>Wojcik, Waldemar<br>Orazalieva, Sandugash                             | PHOTONICS<br>APPLICATIONS IN<br>ASTRONOMY,<br>COMMUNICATIONS,<br>INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019<br>Серія книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статті:<br>1117610 |  |  | 1 |
| 113 | Trus, Inna          | Study of the Process of<br>Electro Evolution of Copper<br>Ions from Waste<br>Regeneration Solutions  | <b>КПІ</b><br>Gomelya, Nikolai<br>Trus, Inna<br><b>Інша афіліація</b><br>Trokhyumenko, Ganna<br>Magas, Nataliya<br>Koliehova, Anastasiia | JOURNAL OF<br>ECOLOGICAL<br>ENGINEERING<br>Том: 21<br>Выпуск: 2<br>Стр.: 29-38   |  |  | 1 |

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|-----|-------------------|--|---|---|--|--|-----|
|     | Trus, Inna        | Spent Biosorbents as Additives in Cement Production                | КПІ<br>Halysh, Vita<br>Trus, Inna<br>Radovenchyk, Iaroslav<br>Deykun, Iryna<br>Vorobyova, Victoria<br>Sirenko, Ludmila<br>Інша афіліація<br>Nikolaichuk, Alina<br>Skiba, Margarita<br>Vasylenko, Inna | JOURNAL OF ECOLOGICAL ENGINEERING<br>Том: 21<br>Выпуск: 2<br>Стр.: 131-138  |  |  | 1,2 |
| 114 | Tymchik, Grygorij | Forming thermal imaging system field of view with afocal lens cap  | КПІ<br>Chyzh, Igor G.<br>Kolobrodov, Valentin<br>Mykytenko, Volodymyr<br>Tymchik, Grygorij<br>Інша афіліація (ін)<br>Komada, Pawel<br>Kozbakova, Ainur  | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS, INDUSTRY, AND HIGH-ENERGY PHYSICS EXPERIMENTS 2019<br>Серия книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статьи:<br>111760T |  |  | 1   |
|     | Tymchik, Grygorij | Expansion of the Operating Spectral Range of the Optical Processor | КПІ<br>Kolobrodov, Valentin<br>Tymchik, Grygorij<br>Kolobrodov, Mykyta  | PHOTONICS APPLICATIONS IN ASTRONOMY, COMMUNICATIONS,  |  |  | 1   |

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|     |                     |  | Інша афіліація (ін)<br>Kociubinski, Andrzej<br>Denissova, Nataliya<br>Kunbolat, Algazy  | INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019<br>Proceedings of SPIE<br>Том: 11176<br>Номер статті:<br>1117607 |   |       |   |
| 115 | Vanin, Volodymyr V. | Use of Physicochemical Modification Methods for Producing Traditional and Nanomodified Polymeric Composites with Improved Operational Properties | КПІ<br>Kolosov, Aleksandr E.<br>Sivetskii, Volodymyr I.<br>Kolossova, Elena P.<br>Vanin, Volodymyr V.<br>Gondlyakh, Aleksandr<br>Sidorov, Dmytro E.<br>Ivitskiy, Igor I.<br>Інша афіліація<br>Symoniuk, Volodymyr | INTERNATIONAL<br>JOURNAL OF<br>POLYMER SCIENCE<br>Том: 2019<br>Номер статті:<br>1258727                                      | POLYMER<br>SCIENCE Q2                             | 1.892 | 1 |
| 116 | Vashchylo, Olha V.  | Efficiency of teaching english monologue production to future mechanical engineers by means of podcasting  | КПІ<br>Kornieva, Zoia M.<br>Vashchylo, Olha V.  | INFORMATION<br>TECHNOLOGIES<br>AND LEARNING<br>TOOLS<br>Том: 74 Выпуск: 6<br>Стр.: 71-83                                     |   |       | 3 |
| 117 | Vasyliiev, Georgii  | Anticorrosion Behaviour of Calcareous Deposits Formed on Steel Heat-Exchange Surfaces  | КПІ<br>Vasyliiev, Georgii<br>Vasyliieva, Svitlana   | ADVANCES IN<br>MATERIALS<br>SCIENCE AND<br>ENGINEERING   | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RY Q4 | 1.399 | 1 |



|     |                      |  |   |  |   |       |   |
|-----|----------------------|--|---|--|---|-------|---|
|     |                      |  |   | Том: 2020<br>Номер статъи:<br>8695308  |   |       |   |
|     | Vasyliiev, G. S.     | Adaptation of the method of polarization resistance to the evaluation of corrosion rate in the formation of deposit of difficultly dissolved iron oxides | <b>КПІ</b><br>Vasyliiev, G. S.  | MATERIALS<br>SCIENCE<br>Том: 55<br>Выпуск: 1<br>Стр.: 130-135  | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RY Q4 | 0.526 | 1 |
|     | Vasyliiev, G. S.     | Influence of ultrasound vibrations on the corrosion resistance of heat-exchange plates made of aisi 316 steel  | <b>КПІ</b><br>Vasyliiev, G. S.<br>Novosad, A. A.<br>Pidburtnyi, M. O.<br>Chyhryn, O. M.   | MATERIALS<br>SCIENCE<br>Том: 54<br>Выпуск: 6<br>Стр.: 913-919  | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RY Q4 | 0.526 | 1 |
| 118 | Vasyliieva, Svitlana | Anticorrosion Behaviour of Calcareous Deposits Formed on Steel Heat-Exchange Surfaces  | <b>КПІ</b><br>Vasyliiev, Georgii<br>Vasyliieva, Svitlana  | ADVANCES IN<br>MATERIALS<br>SCIENCE AND<br>ENGINEERING<br>Том: 2020<br>Номер статъи:<br>8695308              | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RYQ4  | 1.399 | 1 |
| 119 | Veremiichuk, Yurii   | System Approach to Management of Electrical Consumption in Intelligent Electrical Networks   | <b>КПІ</b><br>Veremiichuk, Yurii<br><b>Інша афіліація</b><br>Papkov, Boriss<br>Mahnitko, Anatolijs( <b>іН</b> )<br>Zicmane, Inga( <b>іН</b> )<br>Berzina, Kristina( <b>іН</b> ) | 2019 IEEE<br>INTERNATIONAL<br>CONFERENCE ON<br>ENVIRONMENT<br>AND ELECTRICAL<br>ENGINEERING AND<br>2019 IEEE |   |       | 1 |

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|-----|------------------------|---|---|---|--|-------|---|
|     |                        |   | Lomane, Tatjana( <a href="#">iH</a> )   | INDUSTRIAL AND<br>COMMERCIAL<br>POWER SYSTEMS<br>EUROPE (EEEIC /<br>I&CPS EUROPE) |  |       |   |
| 120 | Vladymyrskiy, I.<br>A. | Oxidation and reduction<br>processes in<br>Ni/Cu/Cr/Si(100) thin films<br>under low-energy ion<br>irradiation | <b>KPII</b><br>Kruhlov, I. O.<br>Vladymyrskiy, I. A.<br>Sidorenko, S.. I.<br>Voloshko, S. M.<br><a href="#">Інша афіліація</a><br>Dubikovskiy, O.<br>Ebisu, T. ( <a href="#">iH</a> )<br>Kato, K. ( <a href="#">iH</a> )<br>Sakata, O. ( <a href="#">iH</a> )<br>Ishikawa, T. ( <a href="#">iH</a> )<br>Iguchi, Y. ( <a href="#">iH</a> )<br>Langer, G. A. ( <a href="#">iH</a> )<br>Erdelyi, Z. ( <a href="#">iH</a> ) | MATERIALS<br>RESEARCH<br>EXPRESS<br>Том: 6 Выпуск: 12<br>Номер статьи: 126431     | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RYQ3 | 1.449 | 1 |
| 121 | Voloshko, S. M.        | Oxidation and reduction<br>processes in<br>Ni/Cu/Cr/Si(100) thin films<br>under low-energy ion<br>irradiation | <b>KPII</b><br>Kruhlov, I. O.<br>Vladymyrskiy, I. A.<br>Sidorenko, S.. I.<br>Voloshko, S. M.<br><a href="#">Інша афіліація</a><br>Dubikovskiy, O.<br>Ebisu, T. ( <a href="#">iH</a> )<br>Kato, K. ( <a href="#">iH</a> )  | MATERIALS<br>RESEARCH<br>EXPRESS<br>Том: 6 Выпуск: 12<br>Номер статьи: 126431     | MATERIALS<br>SCIENCE,<br>MULTIDISCIPLINA<br>RYQ3 | 1.449 | 1 |

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|-----|---------------------|---|--|---|---|-------|-----|
|     |                     |   | <p>Sakata, O. (iH)</p> <p>Ishikawa, T. (iH)</p> <p>Iguchi, Y. (iH)</p> <p>Langer, G. A. (iH)</p> <p>Erdelyi, Z. (iH)</p>   |   |   |       |     |
| 122 | Vorobyova, V. I.    | Apricot pomaces extract (PrunusArmeniaca L.) as a highly efficient sustainable corrosion inhibitor for mild steel in sodium chloride solution | <p>КПІ</p> <p>Vorobyova, V. I.</p> <p>Інша афіліація</p> <p>Skiba, M. I.</p> <p>Trus, I. M.</p>  | <p>INTERNATIONAL JOURNAL OF CORROSION AND SCALE INHIBITION</p> <p>Том: 8 Выпуск: 4</p> <p>Стр.: 1060-1083</p> |   |       | 2   |
|     | Vorobyova, Victoria | Spent Biosorbents as Additives in Cement Production   | <p>КПІ</p> <p>Halysh, Vita</p> <p>Trus, Inna</p> <p>Radovenchyk, Iaroslav</p> <p>Deykun, Iryna</p> <p>Vorobyova, Victoria</p> <p>Sirenko, Ludmila</p> <p>Інша афіліація</p> <p>Nikolaichuk, Alina</p> <p>Skiba, Margarita</p> <p>Vasylenko, Inna</p> | <p>JOURNAL OF ECOLOGICAL ENGINEERING</p> <p>Том: 21</p> <p>Выпуск: 2</p> <p>Стр.: 131-138</p>                 |   |       | 1,2 |
|     | Vorobyova, V. I.    | Green Synthesis of Silver Nanoparticles in the Presence of Polysaccharide: Optimization and Characterization                                  | <p>КПІ</p> <p>Vorobyova, V. I.</p> <p>Інша афіліація</p> <p>Skiba, M. I.</p> <p>Pivovarov, Alexander</p>   | <p>JOURNAL OF NANOMATERIALS</p> <p>Том: 2020</p> <p>Номер статьи:</p>   | <p>MATERIALS SCIENCE, MULTIDISCIPLINAR</p> <p>Y</p> <p>Q3</p> | 2.233 | 2   |

|     |                        |   |   |  |                                 |       |   |
|-----|------------------------|---|---|--|---------------------------------|-------|---|
|     |                        |   | Makarshenko, N.P.   | 3051308  | NANOSCIENCE & NANOTECHNOLOGY Q3 |       |   |
| 123 | Voronova, Anastasiia   | Structural and catalytic properties of Ni-, Co-spinel, and its composites   | КПІ<br>Voronova, Anastasiia<br>Ivanenko, Iryna  | APPLIED NANOSCIENCE  | NANOSCIENCE & NANOTECHNOLOGY Q2 | 3.198 | 2 |
| 124 | Vynoslavska, Olena     | The educational biographies of engineers starting academic careers: comparative perspective of poland and ukraine   | КПІ<br>Mazurek, Emilia<br>Vynoslavska, Olena  | ADVANCED EDUCATION<br>Выпуск:<br>13 Стр.: 4-10                 |                                 |       | 3 |
| 125 | Yanchevsky, I.         | Optimal Packing in Additive Manufacturing   | КПІ<br>Yanchevsky, I.<br>Інша афіліація<br>Romanova, T.<br>Stoyan, Y.<br>Pankratov, A.<br>Litvinchev, I(ІН)<br>Mozgova, I(ІН)                                   | IFAC PAPERSONLINE<br><br>Том: 52 Выпуск: 13<br>Стр.: 2758-2763 |                                 |       |   |
| 126 | Yanushevskaya, Olena I | The Effect of Ceria Content on the Acid-Base and Catalytic Characteristics of ZrO <sub>2</sub> -CeO <sub>2</sub> Oxide Compositions in the Process of Ethanol to n-Butanol Condensation | КПІ<br>Yanushevskaya, Olena I<br>Інша афіліація<br>Vlasenko, Nina V.<br>Kyriienko, Pavlo I.<br>Valihura, Karina V.<br>Soloviev, Sergii O.<br>Strizhak, Peter E. | CATALYSIS LETTERS<br>Том: 150<br>Выпуск: 1<br>Стр.: 234-242    | CHEMISTRY, PHYSICAL Q3          | 2.372 | 2 |

|     |                      |   |  |  |                                    |       |   |
|-----|----------------------|---|--|--|------------------------------------|-------|---|
| 127 | Yashchenko, O. V.    | Preparation and application of nanocellulose from non-wood plants to improve the quality of paper and cardboard   | КПІ<br>Barbash, V. A.<br>Yashchenko, O. V.   | APPLIED<br>NANOSCIENCE   | NANOSCIENCE &<br>NANOTECHNOLOGY Q2 | 3.198 | 1 |
| 128 | Yavorskyi, Yu. V.    | Changes in the Structural and Morphological Parameters of Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> , as a Basis for the Electrode Material of Lithium Power Sources, Due to Shock-Vibrating Treatment | КПІ<br>Yavorskyi, Yu. V.<br>Zaulychnyy, Ya. V.<br>Dudka, O. I.<br>Kononenko, Ya. A.<br>Інша афіліація<br>Karpets, M. V.<br>Hrubiak, A. B.<br>Moklyak, V. V.          | PHYSICS AND<br>CHEMISTRY OF<br>SOLID STATE<br>Том: 20 Выпуск: 4<br>Стр.: 360-366   |                                    |       | 1 |
| 129 | Yerokhin, V. F.      | Parameters of the Carrier Sense Multiple Access Protocol with Conflicts Resolving at the Physical Layer   | КПІ<br>Yerokhin, V. F.<br>Poliakova, A. S.<br>Sboiev, R. Yu<br>Hol, V. D.  | VISNYK NTUU KPI<br>SERIIA-<br>RADIOTEKHNIKA<br>RADIOAPARATOB<br>DUVANNIA<br>Выпуск: 79<br>Стр.: 55-59                        |                                    |       | 1 |
| 130 | Yezerskyi, Nikita V. | Simulation of CubeSat caliber particle detector "MiRA_ep" response to energetic electrons and protons using GEANT4 package  | КПІ<br>Adamenko, Volodymyr<br>Antypenko, Ruslan V.<br>Yezerskyi, Nikita V.<br>Інша афіліація<br>Barylak, Jaromir (ІН)<br>Dudnik, Oleksiy V.<br>Wozniczak, Tomasz(ІН) | PHOTONICS<br>APPLICATIONS IN<br>ASTRONOMY,<br>COMMUNICATIONS,<br>INDUSTRY, AND<br>HIGH-ENERGY<br>PHYSICS<br>EXPERIMENTS 2019 |                                    |       | 1 |

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|-----|------------------------|--|---|--|--|-------|---|
|     |                        |  | Kowalinski,<br>Mirosław(ін)<br>Lazarev, Igor<br>Zielinska, Agata(ін)<br>Sylwester, Janusz(ін)<br>Bakala, Jaroslaw(ін)<br>Podgorski, Piotr(ін)               | Серія книг:<br>Proceedings of SPIE<br>Том: 11176<br>Номер статті:<br>111763С                                 |  |       |   |
| 131 | Zakharov,<br>Alexander | Circuit Function<br>Characterizing Tunability of<br>Resonators   | КПІ<br>Zakharov, Alexander<br>Ilchenko, Michael   | IEEE<br>TRANSACTIONS ON<br>CIRCUITS AND<br>SYSTEMS I-<br>REGULAR PAPERS<br>Том: 67 Выпуск: 1<br>Стр.: 98-107 | ENGINEERING,<br>ELECTRICAL &<br>ELECTRONICQ1                           | 3.934 | 1 |
| 132 | Zaulychnyy, Ya. V.     | Changes in the Structural and<br>Morphological Parameters of<br>Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> , as a Basis for<br>the Electrode Material of<br>Lithium Power Sources, Due<br>to Shock-Vibrating Treatment | КПІ<br>Yavorskyi, Yu. V.<br>Zaulychnyy, Ya. V.<br>Dudka, O. I.<br>Kononenko, Ya. A.<br>Інша афіліація<br>Karpets, M. V.<br>Hrubiak, A. B.<br>Moklyak, V. V. | PHYSICS AND<br>CHEMISTRY OF<br>SOLID STATE<br>Том: 20 Выпуск: 4<br>Стр.: 360-366                             |  |       | 1 |
| 133 | Zhuk, Ruslan           | Gas-powder laser cladding<br>with slot nozzles   | КПІ<br>Zhuk, Ruslan<br>Anyakin, Mykola<br>Інша афіліація (ін)<br>Chen, Zhijun   | INTERNATIONAL<br>JOURNAL OF<br>ADVANCED<br>MANUFACTURING<br>TECHNOLOGY                                       | AUTOMATION &<br>CONTROL<br>SYSTEMS Q2<br>ENGINEERING,<br>MANUFACTURING | 2.496 | 1 |

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|-----|--------------------|---|---|---|---|-------|---|
|     |                    |   | Yao, Jianhua  |   | Q2  |       |   |
| 134 | Zinchenko, Valeriy | Information technology of generalized model creation of complex technical objects | <b>KPII</b><br>Konotop, Dmytro<br>Zinchenko, Valeriy<br><b>Інша афіліація</b><br>Budinska, Ivana<br>Li, Wei | COMPUTING AND<br>INFORMATICS<br>Том: 38<br>Выпуск: 5<br>Стр.: 1111-1130 | COMPUTER<br>SCIENCE,<br>ARTIFICIAL<br>INTELLIGENCE Q4 | 0.421 | 1 |

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**1** – Engineering, Computer Science, Materials Science, Physics and Astronomy, Energy, Chemical Engineering

**2** – Mathematics, Earth and Planetary Sciences, Environmental Science, Chemistry, Biochemistry, Medicine, Agricultural and Biological Sciences

**3** – Social Sciences, Business, Management and Accounting, Decision Sciences, Economics, Econometrics and Finance, Arts and Humanities, Psychology