

ПЕРЕЛІК

штатних науково-педагогічних та наукових працівників, які працюють за основним місцем роботи не менше шести місяців і мають не менше п'яти наукових публікацій у періодичних виданнях, які на час публікації було включено до наукометричної бази Scopus або Web of Science Core Collection із переліком цих публікацій

№ з/п	Прізвище, ім'я, по батькові працівника ЗВО	ID працівника ЗВО у наукометричній базі	Назва та реквізити публікації (посилання)	Назва наукометричної бази
1.	Алтунін Сергій Ігорович	57200277141	Comparative analysis of the efficiency of detecting some amplitude-phase modulated signals in wireless communication systems (International Journal of Electronics and Telecommunications, 2019, 65(3), pp. 449–453 DOI 10.24425/ijet.2019.129798)	Scopus
			Simulation and Experimental Research of the Enhanced BPSK and QPSK Demodulator (Proceedings - 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2020, 2020, pp. 767–770, 9088564 DOI 10.1109/TCSET49122.2020.235538)	
			Simulation and Experimental Research of Software Implemented Phase-Locked Loop with Improved Noise Immunity (2019 IEEE 20th International Conference on Computational Problems of Electrical Engineering, CPEE 2019, 2019, 8949164 DOI 10.1109/CPEE47179.2019.8949164)	
			Comparative analysis of the efficiency of detecting some amplitude-phase modulated signals in wireless communication systems (International Journal of Electronics and Telecommunications, 2019, 65(3), pp. 449–453 DOI 10.24425/ijet.2019.129798)	
			Firmware implementation and experimental research of the phase-locked loop with improved noise immunity (Eastern-European Journal of Enterprise Technologies, 2018, 5(9-95), pp. 17–25 DOI 10.15587/1729-4061.2018.143178)	
			The text analysis software for hearing-impaired persons (International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2021, 1, pp. 119–123 DOI 10.1109/CSIT52700.2021.9648605)	
			Development of a speech-to-text program for people with hearing impairments (CEUR Workshop Proceedings, 2021, 2917, pp. 565–583)	

2.	Андруник Василь Адамович	57202441589	The electronic digests formation and categorization for textual commercial content (CEUR Workshop Proceedings, 2021, 2870, pp. 1816–1831)	Scopus
			Online Business Processes Support Methods (International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2020, 1, pp. 125–133, 9321960 DOI 10.1109/CSIT49958.2020.9321960)	
			Information System for Monitoring the Emotional State of a Student with Special Needs Using AI (International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2020, 1, pp. 66–69, 9321933 DOI 10.1109/CSIT49958.2020.9321933)	
3.	Андрусяк Іванна Володимирівна	57191592942	Game task of ontological project coverage (CEUR Workshop Proceedings, 2021, 2851, pp. 344–355)	Scopus
			THE MINIMAL GROWTH OF ENTIRE FUNCTIONS WITH GIVEN ZEROS ALONG UNBOUNDED SETS (Matematychni Studii, 2020, 54(2), pp. 146–153 DOI 10.30970/MS.54.2.146-153)	
			Systems of powers of conformal mappings and conjugate systems of functions (Azerbaijan Journal of Mathematics, 2017, 7(2), pp. 3–20)	
			Coefficients of power expansion and a-points of an entire function with borel exceptional value (Ukrainian Mathematical Journal, 2016, 68(2), pp. 159–170 DOI 10.1007/s11253-016-1215-4)	
			The two-phase problem for one quasilinear hyperbolic system (Azerbaijan Journal of Mathematics, 2015, 5(2), pp. 61–77)	
4.	Андрущак Анатолій Степанович	6602317223	Dynamic Kerr and Pockels electro-optics of liquid crystals in nanopores for active photonic metamaterials (Nanoscale, 2021, 13(44), pp. 18714–18725 DOI 10.1039/d1nr04282c)	Scopus
			Specific complex-oxide crystals with strong nonlinear absorption and nonlinear refraction as promising optical materials (Optical Materials, 2021, 121, 111493 DOI 10.1016/j.optmat.2021.111493)	
			The optimal vector phase matching conditions in crystalline materials determined by extreme surfaces method: Example of uniaxial nonlinear crystals (Optical Materials, 2021, 120, 111420 DOI 10.1016/j.optmat.2021.111420)	
			Photoelastic properties of trigonal crystals (Crystals, 2021, 11(9), 1095 DOI 10.3390/cryst11091095)	
			Paraelectric KH ₂ PO ₄ nanocrystals in monolithic mesoporous silica: Structure and lattice dynamics (Journal of Alloys and Compounds, 2021, 868, 159177 DOI 10.1016/j.jallcom.2021.159177)	
			Angular stability of electric field-induced effects in crystalline materials (Crystal Research and Technology, 48(6),)	

			<p>Automated interferometric technique for express analysis of the refractive indices in isotropic and anisotropic optical materials (Optics and Lasers in Engineering, 46(2), pp. 162-167)</p> <p>Complete sets of elastic constants and photoelastic coefficients of pure and MgO-doped lithium niobate crystals at room temperature (Journal of Applied Physics, 106(7),073510)</p> <p>Electric-field-induced optical path length change in LiNbO₃:MgO crystals: Spatial anisotropy analysis (Applied Optics, 52(16), pp. 3757-3763)</p> <p>Ferroelectric AgNa (NO₂)₂ crystals as novel highly efficient nonlinear optical material: Phase matched second harmonic generation driven by a spontaneous and electric field induced polarizations (Journal of Applied Physics, 107(11),113526)</p>	Web of Science
5.	Андрущак Назарій Анатолійович	25927837600	<p>Dynamic Kerr and Pockels electro-optics of liquid crystals in nanopores for active photonic metamaterials (Nanoscale, 2021, 13(44), pp. 18714–18725 DOI 10.1039/d1nr04282c)</p> <p>The optimal vector phase matching conditions in crystalline materials determined by extreme surfaces method: Example of uniaxial nonlinear crystals (Optical Materials, 2021, 120, 111420 DOI 10.1016/j.optmat.2021.111420)</p> <p>A finite element model of terahertz substrate-based wire-grid polarizer (Mathematics and Computers in Simulation, 2021, 188, pp. 404–414 DOI 10.1016/j.matcom.2021.04.005)</p> <p>Paraelectric KH₂PO₄ nanocrystals in monolithic mesoporous silica: Structure and lattice dynamics (Journal of Alloys and Compounds, 2021, 868, 159177 DOI 10.1016/j.jallcom.2021.159177)</p> <p>LabVIEW-Based Automated Setup for Interferometric Refractive Index Probing (SLAS Technology, 2020, 25(3), pp. 286–292 DOI 10.1177/2472630319891133)</p>	Scopus
		H-1912-2015	<p>General method of extreme surfaces for geometry optimization of the linear electro-optic effect on an example of LiNbO₃:MgO crystals (Applied Optics V. 56, № 22, pp. 6255-6262)</p> <p>Nonlinear Optical Response of KDP/Al₂O₃ Crystalline Nanocomposite. Proceedings of the 2017 IEEE 7th international conference nanomaterials: application & properties (NAP) (Proceedings of the international conference Nanomaterials-Applications and properties, UNSP 03NNSA26)</p> <p>Application of a Principle of Mathematical Models Reduction for Optimal Vector of Induced Optical Effects in Crystalline Materials for Optoelectronics. 14th International Conference: The Experience Of Designing And Application Of Cad Systems In Microelectronics (CADSM) (Experience of Designing and Application of CAD Systems in Microelectronics-CADSM, pp. 70-73)</p>	Web of Science

			<p>Development and Implementation of Image Processing Technique for Laser-Based 3D Scanner. 14th International Conference: The Experience Of Designing And Application Of Cad Systems In Microelectronics (CADSM) (Experience of Designing and Application of CAD Systems in Microelectronics-CADSM, pp. 309-313)</p> <p>Global maxima of linear electro-optic effect for selected widely used crystalline materials. IEEE 7th International Conference On Advanced Optoelectronics And Lasers (CAOL) (International Conference on Advanced Optoelectronics and Lasers, pp. 173-175)</p>	
6.	Антонова Тамара Миколаївна	57215603640	<p>Sufficient Conditions for the Equivalent Convergence of Sequences of Different Approximants for Two-Dimensional Continued Fractions (Journal of Mathematical Sciences (United States) 228(1))</p> <p>On Some Sequences of the Sets of Uniform Convergence for Two-Dimensional Continued Fractions (Journal of Mathematical Sciences (United States) 222(1), pp. 56-69)</p> <p>Research of absolute and figured absolute convergence of the branched continued fractions of the special form Open Access (Eastern-European Journal of Enterprise Technologies 6(4), pp. 19-26)</p> <p>A formula of difference for one of the figured approximants of two-dimensional continued fractions (Journal of Mathematical Sciences (United States) 190(5), pp. 631-645)</p> <p>On one criterion for the figured convergence of two-dimensional continued fractions with complex elements (Journal of Mathematical Sciences 170(5),</p>	Scopus
7.	Алексєєв Владислав Ігорович	57203618952	<p>Development and integration of speech recognition tools into software applications and an approach to improve of speech recognition quality. Proceedings - 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2020, 2020, pp. 614–617, 9088728 (DOI 10.1109/TCSET49122.2020.235505)</p> <p>Conceptual model of information system for drone monitoring of trees' condition. (CEUR Workshop Proceedings, 2020, 2604, pp. 695–714)</p> <p>Information Analysis and Knowledge Gain within Graph Data Model. IEEE 2019 14th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2019 - Proceedings, 2019, 3, pp. 268–271, 8929812 (DOI 10.1109/STC-CSIT.2019.8929812)</p> <p>Artificial Locust Swarm Routing Algorithm: Decision Making in Path Search Problem. Proceedings of the 11th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2019, 2019, 9041925 (DOI 10.1109/ECAI46879.2019.9041925)</p> <p>Knowledge-based big data cleanup method. (CEUR Workshop Proceedings, 2019, 2386, pp. 96–106)</p>	Scopus

8.	Алексеев Игорь Валентинович	57189350929	Efficiency evaluation in housing fund management (Actual Problems of Economics Volume 179, Issue 5, 2016, Pages 246-253)	Scopus
			The impact of investments into economic associations on the level of national economy development (Actual Problems of Economics Volume 182, Issue 8, 2016, Pages 103-112)	
			Synergy of Services within SOA (Procedia Computer Science Volume 58, 2016, Pages 182-186, DOI: 10.1016/j.procs.2016.09.029)	
		R-4302-2017	The cluster of innovation activity tax incitement: formation and financing (Financial and credit activity-problems of theory and practice, Vol. 1, Issue 22, pp. 328-335, 2017)	Web of Science
			Transformation of Strategic Management of the Enterprise at the Bifurcation Point in Terms of the Emergence of Business Conflicts (2016 International Conference on Informatics, Management Engineering and Industrial Application (IMEIA 2016), pp. 116-124, 2016)	
9.	Альбота Соломія Миколаївна	57205444338	Linguistic and Psychological Features of the Reddit News Post. 2020 IEEE 15th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2020 - Proceedings, 2020, 1, pp. 295–299, 9321991 (DOI 10.1109/CSIT49958.2020.9321991)	Scopus
			Resolving conflict situations in reddit community driven discussion platform. CEUR Workshop Proceedings, 2020, 2604, pp. 215–226	
			The special ways for processing personalized data during voting in elections. Advances in Intelligent Systems and Computing, 2020, 1080 AISC, pp. 781–791 (DOI 10.1007/978-3-030-33695-0_52)	
			Optimizing the Computational Modeling of Modern Electronic Optical Systems. Advances in Intelligent Systems and Computing, 2020, 1020, pp. 597–608 (DOI 10.1007/978-3-030-26474-1_41)	
			A Formal Approach to Modeling the Characteristics of Users of Social Networks Regarding Information Security Issues. Advances in Intelligent Systems and Computing, 2020, 902, pp. 485–494 (DOI 10.1007/978-3-030-12082-5_44)	
10.	Атаманюк Володимир Михайлович	57103441800	HEAT AND MASS TRANSFER PATTERNS OF FILTRATION DRYING OF FIBROUS MATERIAL (Izvestiya Vysshikh Uchebnykh Zavedenii, Seriya Tekhnologiya Tekstil'noi Promyshlennosti, 2021, (5), pp. 162–168 DOI 10.47367/0021-3497_2021_5_162)	Scopus
			Research into kinetics of filtration drying of alcohol distillery stillage (Voprosy Khimii i Khimicheskoi Tekhnologii, 2021, 2021(4), pp. 58–65 DOI 10.32434/0321-4095-2021-137-4-58-65)	
			Determination of pressure drop in a fixed bed catalytic reactor during ammonia oxidation on nanostructured platinum catalyst (Functional Materials, 2021, 28(1), pp. 178–186 DOI 10.15407/fm28.01.178)	

			Heat transfer process during filtration drying of grinded sunflower biomass (Chemistry and Chemical Technology, 2021, 15(1), pp. 118–124 DOI 10.23939/chcht15.01.118)	
			Hydrodynamics of cotton filtration drying (Chemistry and Chemical Technology, 2020, 14(3), pp. 426–432 DOI 10.23939/chcht14.03.426)	
11.	Афанасьев Денис Миколайович	6508206293	Optical phonon contribution to the high Tc cooper-pairing investigated by tunneling spectrum (Physica C: Superconductivity and its Applications 282-287(PART 2), pp. 979-980)	Scopus
			Origin of fine structure in tunneling spectra of BiSrCaCuO films (Proceedings of SPIE - The International Society for Optical Engineering 2696(2/-), pp. 411-419)	
			Tunneling spectrum indicating phonon contribution to high tc oxide superconductivity (Czechoslovak Journal of Physics 46 (SUPPL. 3), pp. 1339-1340)	
			Phonon contribution on the high Tccooper pairing investigated by tunnelling spectroscopy (Physica B: Condensed Matter 219-220(1-4), pp. 172-174)	
			Tunneling observation of phonon contribution to the pairing interaction in oxide superconductors (Journal of Physics and Chemistry of Solids, 56(12), pp. 1801-1802)	
12.	Афтаназів Іван Семенович	57198810574	Vibrocavitation decontamination of brewing yeast-containing wastewater (DOI 10.23939/chcht11.04.475)	Scopus
			Vibrational-centrifugal surface strengthening of drill and casing pipes (DOI 10.29202/nvngu/2018-5/7)	
			Research into effectiveness of cavitation cleaning of wastewater of a fat-and-oil plant from organic and biological contamination in the presence of various gases (DOI 10.15587/1729-4061.2018.131953)	
			Improving reliability of drill pipe by strengthening of thread connections of its elements (DOI 10.29202/nvngu/2019-4/8)	
			Development of a technology for the surface strengthening of barrel channels in the large-caliber artillery guns (DOI 10.15587/1729-4061.2019.167134)	
			Combined usage of Theory of Constraints, Lean and Six Sigma in quality assurance of manufacturing processes (Key Engineering Materials 637, pp. 21-26)	
			Integrated use of TOC, Lean and Six Sigma in quality assurance of manufacturing processes // 11th IMEKO TC14 Symposium on Laser Metrology for Precision Measurement and Inspection in Industry (Proceedings LMPMI 2014, pp. 34-37)	

13.	Байцар Роман Иванович	7801601691	Integrated use of TOC, Lean and six sigma in quality assurance of manufacturing processes //11th IMEKO TC14 International Symposium on Measurement and Quality Control (Proceedings ISMQC 2013, pp.12-15)	Scopus
			App.lication of semiconductor whisker crystals in low temperature electronics (Journal De Physique. IV : JP6(3), pp. 429-434)	
			Plasticity and Brittleness of Silicon-Germanium Acicular Crystals (Inorganic Materials 32(10), pp. 1022-1024)	
14.	Базилевич Роман Петрович	6506726842	A set of nets planarization with two chains of contacts (International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2021, 1, pp. 202–205 DOI 10.1109/CSIT52700.2021.9648742)	Scopus
			Decomposition of the unit test generation task for parallel computations (International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2021, 1, pp. 291–294 DOI 10.1109/CSIT52700.2021.9648799)	
			Unit Test Generation in a Cluster Using Parallel Computations and Control Flow Graph Analysis (International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2020, 1, pp. 407–410, 9321971 DOI 10.1109/CSIT49958.2020.9321971)	
			Parallelization of Unit Tests Generation by Control Flow Graph analysis (International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2019, 2, pp. 161–164 DOI 10.1109/STC-CSIT.2018.8929755)	
			Topologically-geometric routing. Proceedings of the 18th ACM/IEEE System Level Interconnect Prediction 2016 Workshop, SLIP 2016 2947367	
15.	Бандирський Богдан Йосипович	8906305300	Generalization of Resonant Equations for the Laguerre- and Legendre-Type Polynomials to Equations of the Fourth Order (Ukrainian Mathematical Journal, 2020, 71(11), pp. 1751–1762 DOI 10.1007/s11253-020-01745-6)	Scopus
			Optimal algorithms for computing multiple integrals (Mathematical Modeling and Computing, 2017, 4(1), pp. 1–9 DOI 10.23939/mmc2017.01.001)	
			Nonclassical asymptotic formulas and approximation with an arbitrary order of accuracy of eigenvalues of the Sturm-Liouville problem with Bitsadze-Samarskii conditions (Cybernetics and Systems Analysis 39(6), pp. 862-879)	
			Sufficient conditions for the eigenvalues of the operator $-d^2/dx^2 + q(x)$ under the Ionkin-Samarskii conditions (Computational Mathematics and Mathematical Physics 40(12), pp. 1715–1728)	
			A functional difference method for solving left-definite sturm-liouville problems with an eigenparameter in the boundary conditions (Computational Mathematics and Mathematical Physics 42(5), pp. 646-659)	

16.	Балабан Оксана Василівна	56095171600	Promising Cathode Material Based on Inorganic Nanocomposites for Li+-intercalation Current Generation (Proceedings of the 2021 IEEE 11th International Conference "Nanomaterials: Applications and Properties", NAP 2021, 2021 DOI 10.1109/NAP51885.2021.9568534)	Scopus
			Functional Polymer Coated MoS2 Nanocomposites as Promising Lithium Current Sources (Proceedings of the 2020 IEEE 10th International Conference on "Nanomaterials: Applications and Properties", NAP 2020, 2020, 9309574 DOI 10.1109/NAP51477.2020.9309574)	
			The impact of phase state of guest histidine on properties and practical applications of nanohybrids on InSe and GaSe basis (DOI: 10.1515/msp-2017-0019)	
			Peculiarities of properties of the GaSe (InSe) < CS (NH2)2 > nanohybrids, synthesized under lighting) (DOI: 10.21272/jnep.8(4(1)).04015)	
			New carbon architectures with nanobounded geometry of voids for the high-efficiency capacitive and pseudocapacitive accumulation of energy (DOI: 10.1007/s11003-015-9827-7)	
		F-5926-2015	Investigation of the Planar Structures of Quantum Functional Polymeric Nanolayers on Polybenzimidazole Fiber Nanosheets (Materials Science, V. 53, № 2, pp. 179-185)	Web of Science
			New materials for "quantum" storage of electric power (Materials Science In Semiconductor Processing, V. 26, pp. 690-694)	
			The ultrasonic modification of thermodynamic and kinetic regularity of lithium intercalation in talc (Progress In Natural Science-Materials International, V. 24, № 4, pp. 397-404)	
			Effect of ultrasonic treatment on the properties of pyrophyllite and thermodynamic and kinetic regularities of its intercalation with lithium (Materials Science, V. 50, № 1, pp.109-116)	
			Electronic Processes and Energy Storage in Inorganic/Organic Nanohybrids (Molecular Crystals And Liquid Crystals, V. 589, № 1, pp. 132-140)	
17.	Баранецький Ярослав Омелянович	57193356096	A nonlocal problem for a differential operator of even order with involution. Journal of Applied Analysis, 2020, 26(2), pp. 297–307 (DOI 10.1515/jaa-2020-2026)	Scopus
			Nonlocal Multipoint Problem for Partial Differential Equations of Even Order with Constant Coefficients. Journal of Mathematical Sciences (United States), 2020, 249(3), pp. 307–332 (DOI 10.1007/s10958-020-04945-4)	
			Nonlocal Multipoint Problem with Multiple Spectrum for an Ordinary (2n)TH Order Differential Equation. Journal of Mathematical Sciences (United States), 2020, 246(2), pp. 152–169 (DOI 10.1007/s10958-020-04727-y)	

			<p>THE NONLOCAL MULTIPOINT PROBLEM WITH DIRICHLET-TYPE CONDITIONS FOR AN ORDINARY DIFFERENTIAL EQUATION OF EVEN ORDER WITH INVOLUTION. Matematychni Studii, 2020, 54(1), pp. 64–78 (DOI 10.30970/ms.54.1.64-78)</p> <p>The nonlocal boundary value problem with perturbations of mixed boundary conditions for an elliptic equation with constant coefficients. II. Carpathian Mathematical Publications, 2020, 12(1), pp. 173–188 (DOI 10.15330/cmp.12.1.173-188)</p>	
18.	Баранович Діана Богданівна	6508391439	<p>Synthesis and bioactivity of quinone mono- and dioxime salts (Biointerface Research in Applied Chemistry, 2020, 10(5), pp. 6148–6156 DOI 10.33263/BRIAC105.61486156)</p> <p>Synthesis and antimicrobial properties of 4-acylamino-benzenethiosulfoacid S-esters (Saudi Pharmaceutical Journal, 2017, 25(2), pp. 266–274 DOI 10.1016/j.jsps.2016.06.007)</p> <p>Synthesis of phenol derivatives of thiosulfonates (Ukrainskij Khimicheskij Zhurnal, Volume 67, Issue 11-12, 2001, pp. 45-48)</p> <p>Synthesis of S-[arylsulfonylethyl]thiosulfonates and their alkaline hydrolysis (Ukrainskij Khimicheskij Zhurnal, Volume 67, Issue 11-12, 2001, pp. 103-109)</p> <p>Synthesis of thiosulfonates with functional groups in the aliphatic chain (DOI: 10.1023/A:1012499121615)</p>	Scopus
19.	Баран Наталія Миронівна	35190175600	<p>Influence of the Molecular Weight of Polyvinylpyrrolidone on the Physicomechanical Properties of Composite Polyamide Hydrogel Membranes. Materials Science, 2020, 55(5), pp. 758–764 (DOI 10.1007/s11003-020-00368-3)</p> <p>Formation features of tubular products on the basis of composite hydrogels. Chemistry and Chemical Technology, 2020, 14(3), pp. 312–317 (DOI 10.23939/chcht14.03.312)</p> <p>Regularities of strengthening of film hydrogel membranes based on 2-hydroxyethylmetacrylate copolymers and polyvinylpyrrolidone. Functional Materials, 2020, 27(2), pp. 329–333 (DOI 10.15407/fm27.02.329)</p> <p>Formation of composite hydrogel membranes (Voprosy Khimii i Khimicheskoi Tekhnologii, 2018, (3), pp. 121–126)</p> <p>Physicomechanical Properties of the Films Based on Polyamide–Polyvinylpyrrolidone Mixtures. Materials Science, 2017, 53(3), pp. 392–397 (DOI 10.1007/s11003-017-0087-6)</p>	Scopus
			<p>Parametric analysis of galvanostatic type impedance measuring front-end. 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 (Proceedings 2018-January, pp. 323-326)</p>	

20.	Барило Григорій Іванович	55225800500	Optic sensors of enzymes with sensitive environment based on cholesterol liquid crystals. 14th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2018 (Proceedings 2018-April, pp. 716-719)	Scopus
			Development of signal converter of thermal sensors based on combination of thermal and capacity research methods Open Access (Eastern-European Journal of Enterprise Technologies 4(9), pp. 36-42)	
			Method of analysis errors of measurement conversion of impedance spectroscopy with activation nonharmonic signals (Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017 2017-January, 04NESP04)	
			Parametric analysis of the input circles of measuring transducers of galvanostatic type impedance. 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 (Proceedings 8100428, pp. 1141-1144)	
		—	Technique of increasing the impedance measuring transducers accuracy at inharmonic signals (VISNYK NTUU KPI SERIIA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA, №: 70, Pp.: 30-36)	Web of Science
21.	Басюк Тарас Михайлович	57189387618	Detector-emitter system based on integrated organic vertical light emitting device and near-infrared organic photovoltaic cell (MOLECULAR CRYSTALS AND LIQUID CRYSTALS Vol.: 639 №: 1 Pp.: 177-185)	
			Electro-optic properties of exciplex-type organic electroluminescence devices depending on the technologies of active-layer preparation (UKRAINIAN JOURNAL OF PHYSICAL OPTICS Vol.: 16 №: 2 Pp.: 95-102)	
			Three-terminal light-emitting device with adjustable emission color (ORGANIC ELECTRONICS Vol.: 15 №: 7 Pp.: 1396-1400)	
			Impedance measurement front-end based on signal four-phase detection (VISNYK NTUU KPI SERIIA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA №: 72 Pp.:62-68)	
			Specialized interactive methods for using data on radar application models (CEUR Workshop Proceedings, 2020, 2631, pp. 1–11)	
			Intelligent system of visualization and creation of choreographic setting (CEUR Workshop Proceedings, 2020, 2604, pp. 1196–1223)	
			Development of traffic flows and smart parking system for smart city (CEUR Workshop Proceedings, 2020, 2604, pp. 730–745)	Scopus
			Conceptual model of information system for drone monitoring of trees' condition (CEUR Workshop Proceedings, 2020, 2604, pp. 695–714)	
			Identifying Textual Content Based on Thematic Analysis of Similar Texts in Big Data. IEEE 2019 14th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2019 (Proceedings, 2019, 2, pp. 84–91, 8929808)	

22.	Батюк Анатолій Євгенович	24482887400	About Kernel Structure Construction of the Generalized Neural Functions (DOI 10.1109/DSMP.2018.8478485)	Scopus
			Properties of logical functions implemented by one generalized neural element over the galois field (DOI 10.1007/978-3-030-33695-0_15)	
			Apache storm based on topology for real-time processing of streaming data from social networks (DOI 10.1109/DSMP.2016.7583573)	
			Development of combined information technology for time series prediction (DOI 10.1007/978-3-319-70581-1_26)	
			Synthesis of the integer neural elements (DOI 10.1109/STC-CSIT.2015.7325432)	
23.	Бачик Дарія Романівна	55050070400	Parametric Matrix Models of Parametric Circuits and Their Elements in Frequency Domain (Radioelectronics and Communications Systems, 2021, 64(8), pp. 413–425 DOI 10.3103/S0735272721080021)	Scopus
			Analysis of linear periodically time-varying circuits by the frequency symbolic method with applying the d-Trees method (Przegląd Elektrotechniczny, 2021, 97(6), pp. 44–51 DOI 10.15199/48.2021.06.8)	
			Application of the frequency symbolic method for the analysis of Linear Periodically Time-Varying Circuits Zastosowanie przejścia do domeny częstotliwości w analizie liniowych obwodów zmieniających się okresowo (Przegląd Elektrotechniczny, 2020, 96(3), pp. 93–97 DOI 10.15199/48.2020.03.22)	
			Research of long lines with constant and variable parameters using a symbolic method. 2021 IEEE 16th International Conference on the Experience of Designing and Application of CAD Systems, CADSM 2021 (Proceedings, 2021, pp. 50–53, 9385219 DOI 10.1109/CADSM52681.2021.9385219)	
			The adequacy of analysis of linear periodically-time-variable circuits by the frequency symbolic method in the time domain (DOI: 10.1109/TCSET.2016.7451958)	
		–	The determination of power of linear periodically-time-variable circuits in an environment of the system of software functions maopcs (Visnyk NTUU KPI Serii-Radiotekhnika Radioaparotobuduvannia, № 66, pp. 29-36)	Web of Science
			Investigation of Stability Reserve of Linear Periodically-Time-Variable Circuits by the Frequency Symbolic Method. 2015 16th International Conference on Computational Problems of Electrical Engineering (Proceedings CPEE, pp. 181-184)	
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			Research block ciphers based on matrix transformations (DOI: 10.1109/MEMSTECH.2016.7507543)	
			Methods of information security based cryptographic transformations matrix noiseimmunity (DOI: 10.1109/CADSM.2015.7230840)	
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			The method of self-testing of thermocouples in situ (DOI 10.1109/IDAACS.2015.7341408)	
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			Adaptive method of pursuit game problem solution (DOI: 10.1109/TCSET.2006.4404445)	
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			<p>The Simulation and Analysis of the Probabilistic Characteristics of Schemes for Power Supply of Electric Arc Furnaces in Non-symmetric Modes (DOI 10.1109/CPEE47179.2019.8949144)</p> <p>The efficient power supply scheme of alternating current electric arc furnaces (2018 IEEE 3rd International Conference on Intelligent Energy and Power Systems, IEPS 2018 - Proceedings 2018-January, 8559585, pp. 28-32)</p>	
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			<p>Thermal Stressed State of Conducting Cylinders Subjected to the Electromagnetic Action in the Mode with Pulsed Modulating Signals (Materials Science V. 50 № 4, pp. 496-506)</p> <p>Stressed State of a Hollow Conducting Sphere under the Electromagnetic Action in the Decaying Sinusoid Mode (Materials Science V. 49 № 2, pp. 243-251)</p> <p>Stressed state of a conducting sphere under the electromagnetic action with pulsed modulating signal (Materials Science 46(6), pp. 800-807)</p> <p>Bearing ability of conducting elements of the canonical shape under the action of electromagnetic pulses (Materials Science 46(4), pp. 536-542)</p> <p>Thermal Stressed State Of A Conducting Ball Under The Action Of Pulsed Electromagnetic Fields (Materials Science 45(6), pp. 882-892)</p>	
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			Reactive oligomers based on a cyanuric epoxy resin (Materials Research Innovations 20(6), pp. 479-485)	
			Synthesis and application of oligomer with hydroxy groups based on peroxy derivative of ED-24 epoxy resin and polythf-2000 oligoether (Chemistry and Chemical Technology 9(3), pp. 313-318)	
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			Carboxy derivative of dioxydiphenylpropane diglycidyl ether monomethacrylate as an additive for composites (Chemistry & Chemical Technology V. 11 № 1, pp. 49-54)	
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			Linguistic analysis of user motivations of information content for university entrant's web-forum (International Journal of Computing, 2019, 18(1), pp. 67–74)	

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		R-3666-2017	Metal Hall sensors for the new generation fusion reactors of DEMO scale (Nuclear Fusion, V. 57, № 11, 116042)	Web of Science
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			App.lication of reactor neutrons to the investigation of the radiation resistance of semiconductor materials of Group III-V and sensors (Physics Of The Solid State, V.56, №1, pp.157-160)	
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			Devising a mathematical model for pattern-based enterprise data integration (Eastern-European Journal of Enterprise Technologies, 2015, 2(9), pp. 59–64 DOI 10.15587/1729-4061.2015.39427)	
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			Using LabVIEW in Automated Measurements of Refractive Indices in Optical Range (2016 13th international conference on modern problems of radio engineering, telecommunications and computer science (TCSET), pp. 195-197)	
			Mathematical model for analysis of dynamical states of a drive system containing rolling mill and roller table including the selected parameters of a rolling process (Proceedings Of The 2015 16th International Scientific Conference On Electric Power Engineering (EPE) International Scientific Conference on Electric Power Engineering, pp. 256-261)	
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			Mathematical model of the load of drive system for rolling stand and roller table with the parameters of the rolled material taken into account (Proceedings of the 7th international scientific symposium on electrical power engineering (Elektroenergetika 2013), 155-158)	
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735.	Юрчак Ірина Юріївна	24831191900	Investigation into applicability and efficiency of SQLite for implementation of Dijkstra's algorithm (DOI: 10.1109/CADSM.2017.7916135)	Scopus
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		–	Modified Humidity-Sensitive Ceramics For Microelectronics Studied By PALS System. 2017 IEEE First Ukraine Conference On Electrical And Computer Engineering (Proceedings UKRCON, pp. 732-735)	Web of Science
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