

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	Андрущак Анатолій Степанович	6602317223	Study of second harmonic generation in KDP/Al ₂ O ₃ crystalline nanocomposite (DOI: 10.12693/APhysPoLA.133.856)	Scopus
		Global maxima for the acousto-optic effect in SrB ₄ O ₇ crystals (DOI: 10.1364/AO.56.001839)		
		Nanostructures on the Basis of Porous Alumina with Intercalated with Cholesteric Liquid Crystal (DOI: 10.1080/15421406.2015.1030201)		
		Optimizing of the piezo-optic interaction geometry in SrB ₄ O ₇ crystals (DOI: 10.5277/oa160311)		
		Photoelasticity of optical retardation and birefringence of the CaWO ₄ crystals (Journal of Physical Studies, 15(2))		
		-	Angular stability of electric field-induced effects in crystalline materials (Crystal Research and Technology, 48(6),)	Web of Science
		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)		
		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)		
		Electric-field-induced optical path length change in LiNbO ₃ :MgO crystals: Spatial anisotropy analysis (Applied Optics, 52(16), pp. 3757-3763)		
		Ferroelectric AgNa (NO ₂) 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)		

2	Андрущак Назарій Анатолійович	25927837600	Global maxima for the acousto-optic effect in SrB4O7 crystals (DOI: 10.1364/AO.56.001839)	Scopus
			New Interference Technique for Determination of Low Loss Material Permittivity in the Extremely High Frequency Range (DOI: 10.1109/TIM.2015.2437631)	
			Interferometric technique for controlling wedge angle and surface flatness of optical slabs (DOI: 10.1016/j.optlaseng.2012.12.006)	
			Interferometry technique for refractive index measurements at subcentimeter wavelengths (DOI: 10.1002/mop.25944)	
			A method of nanoporous anodic aluminum oxide structure modeling based on Bezier curves generation (DOI: 10.1109/CADSM.2017.7916085)	
	Андрущак Назарій Анатолійович	H-1912-2015	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)	Web of Science
			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)	
			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)	
			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 App.lication of CAD Systems in Microelectronics- CADSM, pp. 309-313)	
			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)	
			Sufficient Conditions for the Equivalent Convergence of Sequences of Different Approximants for Two-Dimensional Continued Fractions (Journal of Mathematical Sciences (United States) 228(1))	

3	Антонова Тамара Миколаївна	57215603640	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)	Scopus
			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)	
			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)	
			On one criterion for the figured convergence of two-dimensional continued fractions with complex elements (Journal of Mathematical Sciences 170(5),	
4	Алексєєв Ігор 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)	
		R-4302-2017	Synergy of Services within SOA (Procedia Computer Science Volume 58, 2016, Pages 182-186, DOI: 10.1016/j.procs.2016.09.029)	Web of Science
			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)	
5	Астахова Олена Тарасівна	36871461000	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)	Scopus
			Epoxy resins chemical modification by dibasic acids (Chemistry and Chemical Technology 8(3), pp. 309-316)	
			Chemical modification of polyglycidyl phenol-formaldehyde oligomers by methacrylic acid (Chemistry and Chemical Technology 8(2), pp. 157-163)	
			Synthesis of nitrogen-containing peroxy oligomers based on epoxy resins (Oxidation Communications 37(1), pp. 321-333)	
				Synthesis and properties of carboxy-containing peroxy oligomer (Chemistry and Chemical Technology 7(4), pp. 413-421)
			Obtaining of coumarone-indene resins based on light fraction of coal tar 1. coumarone-indene resins with carboxy groups (Chemistry & Chemical Technology V. 11 № 4, pp. 509-516)	

		R-4995-2017	<p>Investigation of functional carboxy-containing oligomers by ir and nmr spectroscopy (Chemistry & Chemical Technology V. 10 № 2, pp. 125-134)</p> <p>Structure and app.lication of ED-20 epoxy resin hydroxycontaining derivatives in bitumen-polymeric blends (Chemistry & Chemical Technology V. 9 № 1, pp. 69-76)</p> <p>Synthesis and application of oligomer with hydroxy groups based on peroxy derivative of ED-24 epoxy resin and polythf-2000 oligoether (Chemistry & Chemical Technology V. 9 № 3, pp. 313-318)</p> <p>Synthesis of nitrogen-containing peroxy oligomers based on epoxy resins (Oxidation Communications V. 37 № 1, pp. 321-333)</p>	Web of Science
6	Атаманюк Володимир Михайлович	57103441800	<p>Investigation of physical dissolution of benzoic acid polydisperse mixture (Chemistry and Chemical Technology 11(4),pp. 469-474)</p> <p>Diffusive mass transfer during drying of grinded sunflower stalks (Chemistry and Chemical Technology10(4), pp. 460-463)</p> <p>Selection of optimal method of forming a layer of candied fruits during filtration drying (EasternEuropean Journal of Enterprise Technologies 5(11-83), pp. 10-15)</p> <p>Analysis of dissolution kinetics based on the local isotropic turbulence theory (Chemistry and Chemical Technology 9(4), pp. 493-496)</p> <p>Kinetics of diffusion mass transfer during filtration drying of grain materials (Chemistry and Chemical Technology8(3), pp. 359-363)</p>	Scopus
7	Афанасьев Денис Миколайович	6508206293	<p>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)</p> <p>Origin of fine structure in tunneling spectra of BiSrCaCuO films (Proceedings of SPIE - The International Society for Optical Engineering 2696(2/-), pp. 411-419)</p> <p>Tunneling spectrum indicating phonon contribution to high tc oxide superconductivity (Czechoslovak Journal of Physics 46 (SUPPL. 3), pp. 1339-1340)</p> <p>Phonon contribution on the high Tccooper pairing investigated by tunnelling spectroscopy (Physica B: Condensed Matter 219-220(1-4), pp. 172-174)</p> <p>Tunneling observation of phonon contribution to the pairing interaction in oxide</p>	Scopus

			superconductors (Journal of Physics and Chemistry of Solids, 56(12), pp. 1801-1802)	
8	Афтаназів Іван Семенович	57198810574	Vibro-cavitation 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)	
9	Байцар Роман Іванович	7801601691	Combined usage of Theory of Constraints, Lean and Six Sigma in quality assurance of manufacturing processes (Key Engineering Materials 637, pp. 21-26)	Scopus
			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)	
			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)	
			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)	
10	Базилевич Роман Петрович	6506726842	Topologically-geometric routing // Proceedings of the 18th ACM/IEEE System Level Interconnect Prediction 2016 Workshop, SLIP 2016 2947367	Scopus
			Algorithms for software clustering and modularization // Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT 2015 7325424, pp. 30-33	
			The analysis and optimization algorithms of the electronic circuits design // Proceedings - 2014 3rd Mediterranean Conference on Embedded Computing, MECO 2014 - Including ECyPS 2014 6862691, pp. 189-192	
			Partitioning optimization by iterative reassignment of the hierarchically built clusters with border elements // Proceedings - 2013 2nd Mediterranean Conference on Embedded Computing, MECO 2013 6601362, pp. 219-222	

			A parallel approach for solving a large-scale Traveling Salesman Problem // Proceedings of the 5th Indian International Conference on Artificial Intelligence, ICAI 2011 pp. 566-579	
11	Бандирський Богдан Йосипович	8906305300	Functional-discrete Method (FD-method) for Matrix Sturm-Liouville Problems Open Access // Computational Methods in Applied Mathematics 5(4), pp. 362-386	Scopus
			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	
			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	
			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),	
			Sufficient conditions for the convergence of nonclassical asymptotic expansions for the Sturm-Liouville problem with periodic boundary conditions // Differential Equations 35(3), pp. 369-381	
12	Балабан Оксана Василівна	56095171600	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)	Scopus
			Peculiarities of properties of the GaSe (InSe) < CS (NH ₂) 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)	
			Electronic processes and energy storage in inorganic/organic nanohybrids (DOI: 10.1080/15421406.2013.872404)	
			Effect of Ultrasonic Treatment on the Properties of Pyrophyllite and Thermodynamic and Kinetic Regularities of its Intercalation with Lithium (DOI: 10.1007/s11003-014-9698-3)	
	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 Nano hybrids (Molecular Crystals And Liquid Crystals, V. 589, № 1, pp. 132-140)	
13	Баранович Діана Богданівна	6508391439	Synthesis and antimicrobial properties of 4-acylamino benzenethiosulfoacid S-esters (DOI: 10.1016/j.jsps.2016.06.007)	Scopus
			Synthesis of S-[2-(4-aminobenzenesulfonyl)ethyl] and S-[2-(3-amino-4-methoxybenzenesulfonyl)ethyl] thiosulfonates (Russian Journal of General Chemistry, Volume 71, Issue 11, 2001, pp. 1827)	
			Synthesis of phenol derivatives of thiosulfonates (Ukrainskij Khimicheskij Zhurnal, Volume 67, Issue 11-12, 2001, pp. 45-48)	
			Synthesis of S-[arylsulfonyl ethyl]thiosulfonates and their alkaline hydrolysis (Ukrainskij Khimicheskij Zhurnal, Volume 67, Issue 11-12, 2001, pp. 103-109)	
			Synthesis of thiosulfonates with functional groups in the aliphatic chain (DOI: 10.1023/A:1012499121615)	
14	Барило Григорій Іванович	55225800500	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	Scopus
			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	
			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, 04NESPO4	
			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 inharmoniousness signals (VISNYK NTUU KPI SERIIA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA, №: 70, Pp.: 30-36)	
			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)	

		-	<p>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)</p> <p>Three-terminal light-emitting device with adjustable emission color (ORGANIC ELECTRONICS Vol.: 15 №: 7 Pp.: 1396-1400)</p> <p>Impedance measurement front-end based on signal four-phase detection (VISNYK NTUU KPI SERIIA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA №: 72 Pp.:62-68)</p>	Web of Science
15	Батюк Анатолій Євгенович	24482887400	<p>About Kernel Structure Construction of the Generalized Neural Functions (DOI 10.1109/DSMP.2018.8478485)</p> <p>Properties of logical functions implemented by one generalized neural element over the galois field (DOI 10.1007/978-3-030-33695-0_15)</p> <p>Apache storm based on topology for real-time processing of streaming data from social networks (DOI 10.1109/DSMP.2016.7583573)</p> <p>Development of combined information technology for time series prediction (DOI 10.1007/978-3-319-70581-1_26)</p> <p>Synthesis of the integer neural elements (DOI 10.1109/STC-CSIT.2015.7325432)</p>	Scopus
16	Бачик Дарія Романівна	55050070400	<p>Assessment of stability margin of linear parametric amplifiers by the frequency symbolic method [Ocena stabilności pracy wzmacniacza parametrycznego przy użyciu metody symbolicznej w dziedzinie częstotliwości] (DOI: 10.15199/48.2016.07.24)</p> <p>The system functions MAOPCs for analysis and optimization of linear periodically time-variable circuits based on the frequency symbolic method [Metoda symboliczna analizy i optymalizacji obwodów parametrycznych, zmiennych w czasie] (DOI: 10.15199/48.2015)</p> <p>The modified frequency symbolic models (FSMs) of linear periodically time-variable circuits [Zmodyfikowane modele czestotliwosciowe liniowych obwodów okresowych] (Przegląd Elektrotechniczny89(2 A), pp. 288-290)</p> <p>The investigation of the energy characteristics of linear periodically-time-variable circuits by the frequency symbolic method (DOI: 10.1109/CPEE.2016.7738727)</p> <p>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)</p> <p>The determination of power of linear periodically-time-variable circuits in an environment of the system of software functions maopcs (Visnyk NTUU KPI SeriiA-Radiotekhnika Radioaparotobuduvannia, № 66, pp. 29-36)</p>	Scopus

			<p>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)</p> <p>About the accuracy of assessment of stability of linear periodically time-variable circuits by the frequency symbolic method (Visnyk NTUU KPI Serii-Radiotekhnika Radioaparotobuduvannia, № 61, pp. 13-22)</p> <p>Multivariate analysis and optimization of linear periodically time-variable circuits at the environment of maopcs (Visnyk NTUU KPI Serii-Radiotekhnika Radioaparotobuduvannia, № 60, pp. 34-44)</p> <p>Application Of The Frequency Symbolic Method For The Analysis Of A Quadrature Demodulator Of A Telecommunication System // 2017 Second International conference on information and telecommunication technologies and radio electronics (Proceedings UKRMICO, pp. 10-15)</p>	Web of Science
17	Бенч Андрій Ярославович	6602562170 57200659008	<p>Line codes generator for learning purposes // Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 11th International Conference, TCSET'2012 6192796, pp. 78</p> <p>Using derivative free app.roaches for building technological process optimization software (DOI: 10.1109/TCSET.2006.4404656)</p> <p>McClusky idea as an app.roach to solve DFA attack problem // Modern Problems of Radio Engineering, Telecommunications and Computer Science. Proceedings of the International Conference TCSET'2004, pp. 60</p> <p>Approach to solve the reliability problem at packaging level in the matrix VLSI (DOI: 10.1109/MIEL.2002.1003355)</p> <p>The structure of the software tool for reliability increasing of digital devices based on elementary coding (DOI: 10.1109/CADSM.2003.1255101)</p>	Scopus
18	Берко Андрій Юліанович	24483044100	<p>A Method to Solve Uncertainty Problem for Big Data Sources // Proceedings of the 2018 IEEE 2nd International Conference on Data Stream Mining and Processing, DSMP 2018 8478460, pp. 32-37</p> <p>Quality evaluation of information resources in web-projects (Actual Problems of Economics 136(10), pp. 226-234)</p> <p>Models of data integration in open information systems (Actual Problems of Economics (10), pp. 147-152)</p> <p>Methods and models of data integration in E-business systems (Actual Problems of Economics (10), pp. 17-24)</p> <p>Consolidated data models for electronic business systems (The Experience of Designing and Application of CAD Systems in Microelectronics - Proceedings of the 9th International Conference, CADSM 2007 4297573, pp. 341-342)</p> <p>Planning the activities of intellectual agents in the electronic commerce systems (RADIO ELECTRONICS COMPUTER SCIENCE CONTROL № 4 Pp.: 143-158)</p>	Scopus

			<p>Technology of commercial web-resource management based on fuzzy logic (RADIO ELECTRONICS COMPUTER SCIENCE CONTROL Vol.: 3 Pp.: 71-79)</p> <p>Quality evaluation of information resources in web-projects (ACTUAL PROBLEMS OF ECONOMICS №: 136 Pp.: 226-234)</p> <p>Models of data integration in open information systems (ACTUAL PROBLEMS OF ECONOMICS №: 112 Pp.: 147-152)</p> <p>Consolidated data models for electronic business systems (2007 proceedings of the 9TH international conference on the experience of designing and application of cad systems in microelectronics)</p>	Web of Science
19	Бешлей Микола Іванович	55225979800	<p>Investigation and simulation of system for data flow processing in multiservice nodes using virtualization mechanisms // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering (UKRCON 2017 – Proceedings 8100397, pp. 989-992)</p> <p>Method for optimal use of 4G/5G heterogeneous network resources under M2M/IoT traffic growth conditions // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics (UkrMiCo 2017 – Proceedings 8095406)</p> <p>Ensuring the quality of service flows in multiservice infrastructure based on network node virtualization // 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications" (UkrMiCo 2016 – Conference Proceedings7739624)</p> <p>Increasing wavelengths utilization efficiency in OTNoDWDM network based on local resource distribution method // 2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 (Conference Proceedings, 7357300, pp. 157-160)</p> <p>Research and development the methods of quality of service provision in Mobile Cloud systems // 2014 IEEE International Black Sea Conference on Communications and Networking (Conference Proceedings BlackSeaCom 2014, 6849030, pp. 160-164)</p>	Scopus
			<p>Design of Software Router with a Modular Structure and Automatic Deployment at Virtual Nodes // 2017 2nd IEEE International conference on advanced information and communication technologies-2017 (Proceedings AICT 2017, pp. 295-298)</p> <p>Algorithm for Clusterization, Aggregation and Prioritization of M2M Devices in Heterogeneous 4G/5G Network // 2017 4th International scientific-practical conference problems of infocommunications-science and technology (Proceedings PIC S&T, pp. 182-186)</p>	

		–	<p>Method for Adaptive Client Oriented Management of Quality of Service in Integrated SDN/CLOUD Networks // 2017 4th International scientific-practical conference problems of infocommunications-science and technology (Proceedings PIC S&T, pp. 452-455)</p> <p>Adaptive Flow Routing Model in SDN // 2017 14th International conference (The Experience of designing and application of CAD systems in microelectronics (CADSM), pp. 298-302)</p> <p>State of the Art and Further Development of Information and Communication Systems 2016 (International Conference Radio Electronics & Info Communications (UkrMiCo))</p>	Web of Science
20	Біленька Ольга Богданівна	56303962500	<p>Dynamic properties of NH₃ CH₂ COOH·H₂ PO₃ ferroelectric Open Access (Condensed Matter Physics 21(1))</p> <p>Statistical theory of thermodynamic and dynamic properties of the RbHSO₄ ferroelectrics Open Access (Condensed Matter Physics 18(4),43703)</p> <p>On thermodynamic and dielectric properties of PbHPO₄ and PbHAsO₄ crystals (Physica B: Condensed Matter 452, pp. 152-158)</p> <p>Thermodynamic and dynamic dielectric properties of one-dimensional hydrogen bonded ferroelectric of PbHPO₄ -type Open Access (Condensed Matter Physics 17(4),43702)</p> <p>Growth and properties of thick epitaxial films of yttrium–ferrum garnet (Metallofizika i Noveishie Tekhnologii 40(9), pp. 1247-1256)</p>	Scopus
21	Білецький Юрій Олегович	56470782400	<p>Passive stall control systems of power limitation modes for vertical axis wind turbines (VAWT) (Lecture Notes in Electrical Engineering 452, pp. 131-159)</p> <p>Battery Currents Limitation in Passivity Based Controlled Battery/Supercapacitor Hybrid Energy Storage System // 2018 IEEE 38th International Conference on Electronics and Nanotechnology, ELNANO 2018 - Proceedings 8477477, pp. 504-510</p> <p>Interconnection and damping assignment passivity-based control of semi-active and active battery/supercapacitor hybrid energy storage systems for stand-alone photovoltaic // 14th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2018 - Proceedings 2018-April, pp. 324-329</p> <p>Improving of IDA-PBC systems by forming additional regulatory actions on directly uncontrollable system loops // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings 8100291, pp. 504-507</p> <p>Energy efficient and simple control of stand-alone combine heat-power generation small wind turbine // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings 8100535, pp. 483-488</p>	Scopus
			Optimization of oxidation desulphurization of power-generating coal (Chemistry and Chemical Technology 6(1), pp. 105-111)	

22	Білушак Галина Іванівна	55227374700	Determination of optimum conditions effect of coal oxidative desulfurization to produce pulverized coal (Chemistry and Chemical Technology 12(3), pp. 355-364)	Scopus	
			Desulphurization and usage of medium-metamorphized black coal. 1. determination of the optimal conditions for oxidative desulphurization (Chemistry and Chemical Technology 8(2), pp. 225-234)		
			Expert evaluation of consumer properties of probiotics marketed in Ukraine Open Access (Current Issues in Pharmacy and Medical Sciences 31(2), pp. 76-80)		
			Dynamics of economic, institutional and sociocultural factors of external migration from Ukraine (Actual Problems of Economics 172(10), pp. 285-294)		
23	Білушак Тетяна Миколаївна	57189322429	Using international standards of quality management system in higher educational institutions (DOI 10.1109/TCSET.2016.7452199)		
			Designing an Information Retrieval System in the Archival Subdivision of Higher Educational Institutions (DOI 10.1007/978-3-030-12082-5_60)		
			Internet marketing strategy promotion of a book in social media (CEUR Workshop Proceedings,2616260-272)		
			Online community information model for use in marketing activities (CEUR Workshop Proceedings2392)		
			Development of method of search and identification of historical information in the social environment of the Internet (Proceedings of the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2017 1.8098767, pp. 196-199)		
24	Блавт Оксана Зіновіївна	35867792400	Study of the training system for young basketball players who are preparing for a competition (Journal of Physical Education and Sport 18(2),110, pp. 753-756)	Scopus	
			Optimization of the technical training system Open Access (Journal of Physical Education and Sport 16, pp. 1029-1030)		
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25	Бліхарський Зіновій Ярославович	56572846200	<p>The influence of simultaneous action of the aggressive environment and loading on strength of RC beams Open Access (MATEC Web of Conferences 183)</p> <p>Experimental study of the strengthening effect of reinforced concrete columns jacketed under service load level Open Access (MATEC Web of Conferences 183)</p> <p>Fracture toughness of RC beams on the shear, strengthening by FRCM system Open Access (MATEC Web of Conferences 183)</p> <p>Research of RC columns strengthened by carbon FRP under loading Open Access (MATEC Web of Conferences 174,04017)</p> <p>Shear strength of reinforced concrete beams strengthened by P.B.O. fiber mesh under loading Open Access (MATEC Web of Conferences 116,02006)</p>	Scopus
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			<p>Determination of the Optimal Period of Telecommunication Systems Performance Control with Complex Control and Recovery System (DOI 10.1109/TCSET49122.2020.235531)</p> <p>A synthesis method of optimal binary sequecies with simple dimensionality (DOI 10.1109/TCSET.2018.8336423)</p> <p>Training studying system of electrical disciplines for students with special needs //Proceedings of 2017 18th International Conference on Computational Problems of Electrical Engineering (Proceedings CPEE 2017, 8093086)</p>	

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			Band structure analysis of 2D photonic crystals by coupled-wave method: A robust R-algorithm (Ukrainian Journal of Physics, 53(6), pp. 613-621)	
			Correlation processing of speckle pattern in multimode polymer optical fiber for deformation monitoring in nanometer range (Springer Proceedings in Physics, 167, pp. 329-338)	
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		Diffraction analysis by periodic structures using a method of coupled waves (Optoelectronics Review, 13(4), pp. 331-339)		
		Diffraction of a plane TM-polarized optical wave on a non-absorbing medium with a periodic dielectric permeability variation (Optica Applicata, 33(2-3), pp. 237-249)		
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		Multi-layered holograms and their fabrication (Optica Applicata, 31(4), pp. 769-780)		
30	Бойко Наталія Іванівна	57191967462	Advanced Technologies of Big Data Research in Distributed Information Systems (DOI 10.1109/STC-CSIT.2019.8929756)	Scopus
			Information system of catering selection by using clustering analysis (CEUR Workshop Proceedings)	
			Clustering algorithms for economic and psychological analysis of human behavior (CEUR Workshop Proceedings)	
			Modeling of the information system for processing of a large distilled data for the investigation of competitiveness of enterprises (CEUR Workshop Proceedings)	
			Automated document analysis for quick personal health record creation (CEUR Workshop Proceedings)	

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			Development of high field permanent magnet (IEEE Transactions on Applied Superconductivity, 12(1), pp. 129-132)	
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		Experimental evaluation of stable long term operation of semiconductor magnetic sensors at ITER relevant environment (Nuclear Fusion, 55(8),083006)		
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			Studying the railroad track geometry deterioration as a result of an uneven subsidence of the ballast layer (DOI 10.15587/1729-4061.2019.154864)	
			Research of impact resistance of nanomodified fiberreinforced concrete (DOI 10.1051/mateconf/201823003012)	
			Study of the stress-strain state in defective railway reinforced-concrete pipes restored with corrugated metal structures (DOI 10.15587/1729-4061.2017.109611)	
			Research into structure formation and properties of the fiber-reinforced aerated concrete obtained by the non-autoclaved hardening (DOI 10.15587/1729-4061.2018.133594)	
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			A study of the structurization of epoxyoligoesters compositions in the presence of active solvents (Ukrainskij Khimicheskij Zhurnal, 65(1-2), pp. 133-137)	
			Cross-linked epoxy-isocyanate blends containing Epidian-6 modified by glycols (Polimery/Polymers 61(5), pp. 316-321)	
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			Construction of spectral decomposition for nonself- adjoint friedrichs model operator (DOI 10.15587/1729-4061.2018.140717)	
			Development of a method for determining the keywords in the slavic language texts based on the technology of web mining (DOI: 10.15587/1729-4061.2017.98750)	
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			A study of uncertainty of expert measurement results in the quality management system (EasternEuropean Journal of Enterprise Technologies 3(3-81), pp. 4-11)	
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		6602604353	Economic evaluation and government regulation of technogenic (Man-Made) damage in the national economy (DOI: 10.1109/STC-CSIT.2016.7589863)	Scopus
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			Influence of magnesium hydroxide modification with polyperoxides on the properties of polymer composites (Chemicke Listy 103(13), pp. s129-s130)		

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			Electrochemical depositions of palladium on indium tin oxide-coated glass and their possible application in organic electronics technology	
			Blue organic light-emitting diodes based on pyrazoline phenyl derivative	
		Characteristics of organic light emitting diodes with copper iodide as injection layer		

			<p>Detector-emitter system based on integrated organic vertical light emitting device and near-infrared organic photovoltaic cell</p> <p>Electro-optic properties of exciplex-type organic electroluminescence devices depending on the technologies of active-layer preparation</p> <p>Growth and properties of conducting polyaniline thin films obtained by means of ionic sputtering in crossed electrical and magnetic fields</p>	Web of Science
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424	Смердова Тетяна Андріївна	24480012800	<p>Comparison of characteristics of trapezoidal, rectilinear, and Gurwitch-Venin bipolar defibrillation pulses (Biomedical Engineering 49(2),A011, pp. 108-111)</p> <p>Comparison of characteristics of trapezoidal, rectilinear and Gurwich-Venin bipolar defibrillation pulses (Meditsinskaia tekhnika (2), pp. 34-37)</p> <p>Analysis of heart defibrillation by an exponential pulse // Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 11th International Conference, TCSET'2012 6192516, pp. 228</p> <p>Operational analysis of the demodulator of derivative bioimpedance meter // Modern Problems of Radio Engineering, Telecommunications and Computer Science Proceedings of International Conference, TCSET 2006 4404666, pp. 640-641</p>	Scopus

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