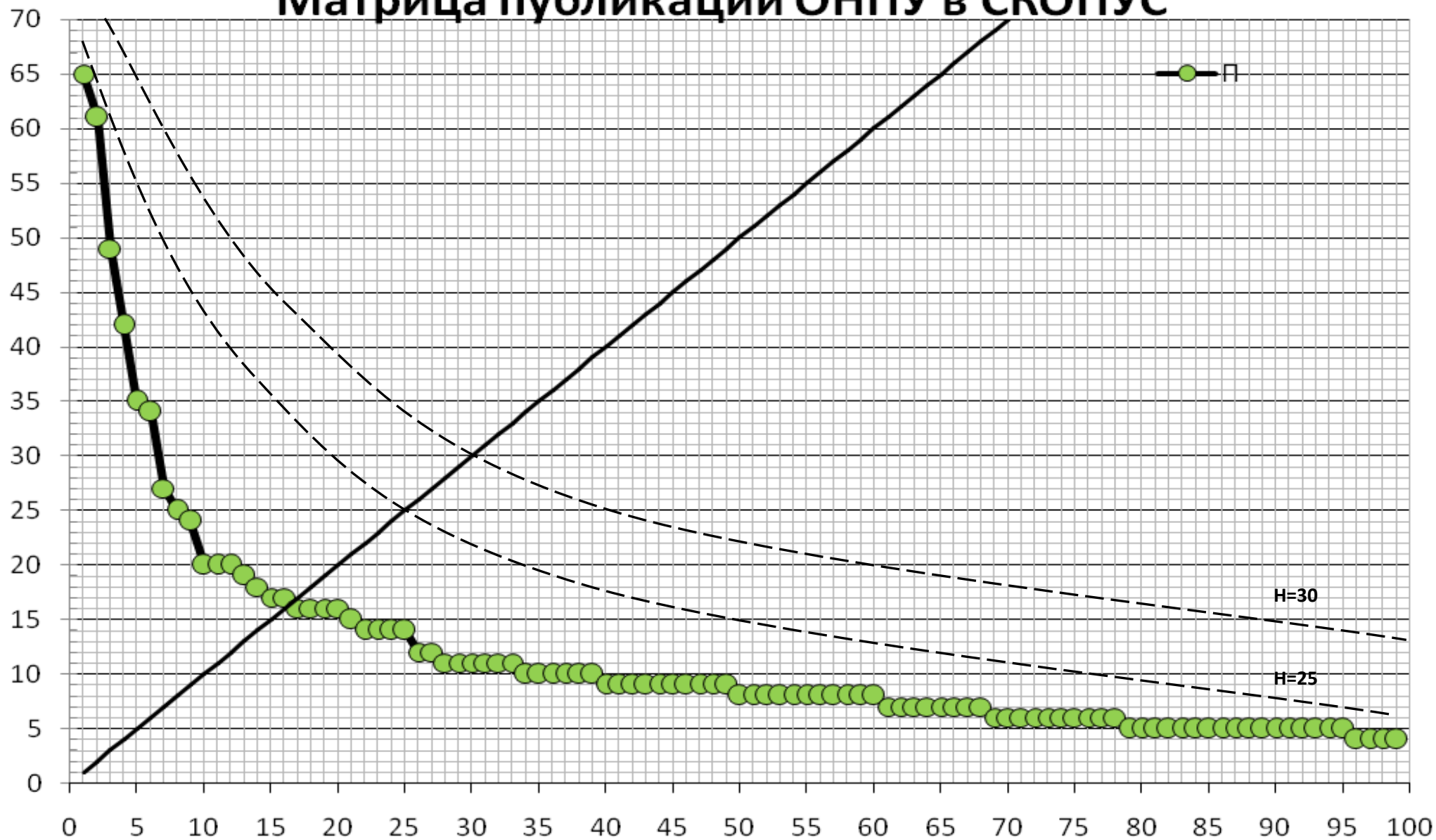


Матрица публикаций ОНПУ в СКОПУС



SCOPUS: Сто кращих публікацій ОНПУ за цитуванням (травень, 2018)

Номер результату	Назва документа	Автори	Рік	Джерело	Цитування
✓ 1	<u>Application of random forest approach to QSAR prediction of aquatic toxicity</u>	<u>Polishchuk, P.G., Muratov, E.N., Artemenko, A.G., (...), Muratov, N.N., Kuz'min, V.E.</u>	2009	<u>Journal of Chemical Information and Modeling</u> 49(11), с. 2481-2488	<u>65</u>
✓ 2	<u>On the exergy analysis of power plants</u>	<u>Verkhivker, G.P., Kosoy, B.V.</u>	2001	<u>Energy Conversion and Management</u> 42(18), с. 2053-2059	<u>61</u>
✓ 3	<u>Autoresonant control of ultrasonically assisted cutting</u>	<u>Babitsky, V.I., Kalashnikov, A.N., Molodtsov, F.V.</u>	2004	<u>Mechatronics</u> 14(1), с. 91-114	<u>49</u>
✓ 4	<u>Temporal fractal model for the anomalous dielectric relaxation of inhomogeneous media with chaotic structure</u>	<u>Novikov, V.V., Privalko, V.P.</u>	2001	<u>Physical Review E - Statistical, Nonlinear, and Soft Matter Physics</u> 64(3),031504, с. 315041-3150411	<u>42</u>
✓ 5	<u>Minimum-time thermal dose control of thermal therapies</u>	<u>Arora, D., Skliar, M., Roemer, R.B.</u>	2005	<u>IEEE Transactions on Biomedical Engineering</u> 52(2), с. 191-200	<u>35</u>
✓ 6	<u>Negative Poisson coefficient of fractal structures</u>	<u>Novikov, V.V., Wojciechowski, K.W.</u>	1999	<u>Physics of the Solid State</u> 41(12), с. 1970-1975	<u>34</u>
✓ 7	<u>Performance benchmarking in gas distribution industry</u>	<u>Goncharuk, A.G.</u>	2008	<u>Benchmarking</u> 15(5), с. 548-559	<u>27</u>
✓ 8	<u>Qsar analysis of the toxicity of nitroaromatics in tetrahymena pyriformis: Structural factors and possible modes of action</u>	<u>Artemenko, A.G., Muratova, E.N., Kuz'mina, V.E., (...), Leszczynskib, J., Tropshac, A.</u>	2011	<u>SAR and QSAR in Environmental Research</u> 22(5-6), с. 575-601	<u>25</u>
✓ 9	<u>Dynamics of astrophysical objects against the cosmological background</u>	<u>Eingorn, M., Kudinova, A., Zhuk, A.</u>	2013	<u>Journal of Cosmology and Astroparticle Physics</u> 2013(4),010	<u>24</u>
✓ 10	<u>Anomalous relaxation in dielectrics. Equations with fractional derivatives</u>	<u>Novikov, V.V., Wojciechowski, K.W., Komkova, O.A., Thiel, T.</u>	2005	<u>Materials Science- Poland</u> 23(4), с. 977-984	<u>20</u>
✓ 11	<u>A neurobiological perspective on humanoid robot design</u>	<u>Giszter, S.F., Moxon, K.A., Rybak, I., Chapin, J.K.</u>	2000	<u>IEEE Intelligent Systems and Their Applications</u> 15(4), с. 64-69	<u>20</u>
✓ 12	<u>Statistical Design of Experiments in Metal Cutting -</u>	<u>Astakhov, V.P., Osman, M.O.M., Al-</u>	1997	<u>Journal of Testing and Evaluation</u>	<u>20</u>

Номер результату	Назва документа	Автори	Рік	Джерело	Цитування
	<u>Part One: Methodology</u>	<u>Ata, M.</u>		25(3), с. 322-327	
<input checked="" type="checkbox"/> 13	<u>How to make meat business more effective: A case of Ukraine</u>	<u>Goncharuk, A.G.</u>	2009	<u>British Food Journal</u> 111(6), с. 583-597	<u>19</u>
<input checked="" type="checkbox"/> 14	<u>Geoantineutrino spectrum and slow nuclear burning on the boundary of the liquid and solid phases of the Earth's core</u>	<u>Rusov, V.D., Pavlovich, V.N., Vaschenko, V.N., (...), Kosenko, S.I., Byegunova, O.A.</u>	2007	<u>Journal of Geophysical Research: Solid Earth</u> 112(9),B09203	<u>18</u>
<input checked="" type="checkbox"/> 15	<u>Synthesis and affinity to DNA of phenylbenzoimidazoles and benzoimidazo[1,2-c]quinazolines</u>	<u>Lyakhova, E.A., Gusyeva, Y.A., Nekhoroshkova, J.V., Shafran, L.M., Lyakhov, S.A.</u>	2009	<u>European Journal of Medicinal Chemistry</u> 44(8), с. 3305-3312	<u>17</u>
<input checked="" type="checkbox"/> 16	<u>Elastic properties of inhomogeneous media with chaotic structure</u>	<u>Novikov, V.V., Wojciechowski, K.W., Belov, D.V., Privalko, V.P.</u>	2001	<u>Physical Review E - Statistical Physics, Plasmas, Fluids, and Related Interdisciplinary Topics.</u> 63(3)	<u>17</u>
<input checked="" type="checkbox"/> 17	<u>Models, methods and means as resources for solving challenges in co-design and testing of computer systems and their components</u>	<u>Drozd, J., Drozd, A.</u>	2013	<u>International Conference on Digital Technologies 2013, DT 2013</u> 6566307, с. 176-180	<u>16</u>
<input checked="" type="checkbox"/> 18	<u>Model-associated forest parameter retrieval using VHF SAR data at the individual tree level</u>	<u>Kononov, A.A., Ka, M.-H.</u>	2008	<u>IEEE Transactions on Geoscience and Remote Sensing.</u> 46(1), с. 69-84	<u>16</u>
<input checked="" type="checkbox"/> 19	<u>Impact of political changes on industrial efficiency: A case of Ukraine</u>	<u>Goncharuk, A.G.</u>	2007	<u>Journal of Economic Studies</u> 34(4), с. 324-340	<u>16</u>
<input checked="" type="checkbox"/> 20	<u>The use of chemical recuperation of heat in a power plant</u>	<u>Verkhivker, G., Kravchenko, V.</u>	2004	<u>Energy,</u> 29(3), с. 379-388	<u>16</u>
<input type="checkbox"/> 21	<u>Method of thermoeconomical optimization of energy intensive systems with linear structure on graphs</u>	<u>Wu, C., Nikulshin, V.</u>	2000	<u>International Journal of Energy Research</u> 24(7), с. 615-623	<u>15</u>
<input type="checkbox"/> 22	<u>A synergistic performance management model conjoining benchmarking and motivation</u>	<u>Goncharuk, A.G., Monat, J.P.</u>	2009	<u>Benchmarking</u> 16(6), с. 767-784	<u>14</u>
<input type="checkbox"/> 23	<u>QSAR aspects of flavonoids as a plentiful source of new drugs</u>	<u>Voskresensky, O.N., Levitsky, A.P.</u>	2002	<u>Current Medicinal Chemistry</u> 9(14), с. 1367-1383	<u>14</u>
<input type="checkbox"/> 24	<u>Statistical Design of Experiments in Metal Cutting - Part Two: Applications</u>	<u>Astakhov, V.P., Osman, M.O.M., Al-Ata, M.</u>	1997	<u>Journal of Testing and Evaluation</u> 25(3), с. 328-336	<u>14</u>
<input type="checkbox"/> 25	<u>Computer simulation of the radiation-induced Coulomb instability of XUV-irradiated alkali halide surfaces</u>	<u>Elango, M., Kiv, A.E., Malkin, A.A.</u>	1988	<u>Surface Science</u> 194(3), с. 548-558	<u>14</u>

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<input type="checkbox"/> 26	The levels of target resources development in computer systems	Drozd, J., Drozd, A., Maevsky, D., Shapa, L.	2014	Proceedings of IEEE East-West Design and Test Symposium, EWDTs 2014 7027104	12
<input type="checkbox"/> 27	Travelingwave reactor and condition of existence of nuclear burning soliton-like wave in neutron-multiplying media	Rusov, V.D., Linnik, E.P., Tarasov, V.A., (...), Saulenko, S.I., Byegunova, O.A.	2011	Energies 4(9), c. 1337-1361	12
<input type="checkbox"/> 28	QSAR Modeling and Prediction of Drug-Drug Interactions	Zakharov, A.V., Varlamova, E.V., Lagunin, A.A., (...), Tropsha, A., Nicklaus, M.C.	2016	Molecular Pharmaceutics 13(2), c. 545-556	11
<input type="checkbox"/> 29	Alarms about structural alerts	Alves, V.M., Muratov, E.N., Capuzzi, S.J., (...), Fourches, D., Tropsha, A.	2016	Green Chemistry 18(16), c. 4348-4360	11
<input type="checkbox"/> 30	Cladding rupture life control methods for a power-cycling WWER-1000 nuclear unit	Pelykh, S.N., Maksimov, M.V.	2011	Nuclear Engineering and Design 241(8), c. 2956-2963	11
<input type="checkbox"/> 31	Thermal motion in water + electrolyte solutions according to quasi-elastic incoherent neutron scattering data	Lokotosh, T.V., Malomuzh, N.P., Pankratov, K.N.	2010	Journal of Chemical and Engineering Data 55(5), c. 2021-2029	11
<input type="checkbox"/> 32	Using the DEA in efficiency management in industry	Goncharuk, A.G.	2007	International Journal of Productivity and Quality Management 2(2), c. 241-262	11
<input type="checkbox"/> 33	Radon in Antarctica	Ilić, R., Rusov, V.D., Pavlovych, V.N., (...), Hanžič, L., Bondarchuk, Y.A.	2005	Radiation Measurements 40(2-6), c. 415-422	11
<input type="checkbox"/> 34	QSAR-Driven Discovery of Novel Chemical Scaffolds Active against Schistosoma mansoni	Melo-Filho, C.C., Dantas, R.F., Braga, R.C., (...), Silva-Junior, F.P., Andrade, C.H.	2016	Journal of Chemical Information and Modeling 56(7), c. 1357-1372	10
<input type="checkbox"/> 35	A new approach to software reliability	Maevsky, D.A.	2013	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 8166 LNCS, c. 156-168	10
<input type="checkbox"/> 36	The problem of on-line testing methods in approximate data processing	Drozd, A., Lobachev, M., Drozd, J.	2006	Proceedings - IOLTS 2006: 12th IEEE International On-Line Testing Symposium 2006,1655556, c. 251-256	10
<input type="checkbox"/> 37	Classes of equivalent and generating perfect binary arrays for the CDMA-technologies	Mazurkov, M.I., Chechol'nitskij, V.Ya.	2003	Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika 46(5), c. 54-63	10
<input type="checkbox"/> 38	Investigation of low-energy plasma in the Earth's magnetosphere onboard the Tail and Auroral probes: Instrumentation and preliminary results	Bezrukikh, V.V., Barabanov, N.A., Venediktov, Yu.I., (...), Orzhinskii, S.A., Prokhorenko, V.I.	1998	Cosmic Research 36(1), c. 30-38	10
<input type="checkbox"/> 39	Treatment of dimethyl (+)-L-tartrate with sulfur tetrafluoride	Burmakov, A.I., Motnyak, L.A., Kunshenko, B.V., Alexeeva, L.A., Yagupolskii, L.M.	1981	Journal of Fluorine Chemistry 19(2), c. 151-161	10

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<input type="checkbox"/> 40	Thermodynamic scaling of vibrational dynamics and relaxation	Puosi, F., Chulkin, O., Bernini, S., Capaccioli, S., Leporini, D.	2016	Journal of Chemical Physics 145(23),234904	9
<input type="checkbox"/> 41	Grounds of VVER-1000 fuel cladding life control	Pelykh, S.N., Maksimov, M.V., Baskakov, V.E.	2013	Annals of Nuclear Energy 58, c. 188-197	9
<input type="checkbox"/> 42	A method for VVER-1000 fuel rearrangement optimization taking into account both fuel cladding durability and burnup	Pelykh, S.N., Maksimov, M.V., Parks, G.T.	2013	Nuclear Engineering and Design 257, c. 53-60	9
<input type="checkbox"/> 43	The only Kähler manifold with degree of mobility at least 3 is $(\mathbb{C}P(n), g_{\text{Fubini-Study}})$	Fedorova, A., Kiosak, V., Matveev, V.S., Rosemann, S.	2012	Proceedings of the London Mathematical Society 105(1), c. 153-188	9
<input type="checkbox"/> 44	Model of cladding failure estimation for a cycling nuclear unit	Maksimov, M.V., Pelykh, S.N., Maslov, O.V., Baskakov, V.E.	2009	Nuclear Engineering and Design 239(12), c. 3021-3026	9
<input type="checkbox"/> 45	Extreme viscoelastic properties of composites of strongly inhomogeneous structures due to negative stiffness phases	Novikov, V.V., Wojciechowski, K.W.	2005	Physica Status Solidi (B) Basic Research 242(3), c. 645-652	9
<input type="checkbox"/> 46	Frequency dependences of dielectric properties of metal-insulator composites	Novikov, V.V., Wojciechowski, K.W.	2002	Physics of the Solid State 44(11), c. 2055-2062	9
<input type="checkbox"/> 47	Efficient on-line testing method for a floating-point adder	Drozd, A., Lobachev, M.	2001	Proceedings -Design, Automation and Test in Europe, DATE 915042, c. 307-311	9
<input type="checkbox"/> 48	Dynamics of the plasmasphere and plasmopause under the action of geomagnetic storms	Bezrukikh, V.V., Verigin, M.I., Kotova, G.A., (...), Venediktov, Y.I., Lemaire, J.	2001	Journal of Atmospheric and Solar-Terrestrial Physics 63(11), c. 1179-1184	9
<input type="checkbox"/> 49	Dispersive transport in ferroelectric polymers	Arkhipov, V.I., Fedosov, S.N., Khram-chenkov, D.V., Rudenko, A.I.	1989	Journal of Electrostatics 22(2), c. 177-184	9
<input type="checkbox"/> 50	Pred-Skin: A Fast and Reliable Web Application to Assess Skin Sensitization Effect of Chemicals	Braga, R.C., Alves, V.M., Muratov, E.N., (...), Tropscha, A., Andrade, C.H.	2017	Journal of Chemical Information and Modeling 57(5), c. 1013-1017	8
<input type="checkbox"/> 51	"Lifelong learning" is a new paradigm of personnel training in enterprises	Gogunskii, V., Kolesnikov, O., Kolesnikova, K., Lukianov, D.	2016	EasternEuropean Journal of Enterprise Technologies 4(2-82), c. 4-10	8
<input type="checkbox"/> 52	Rigorous theoretical constraint on constant negative EoS ω and its effect for the late Universe	Burgazli, A., Eingorn, M., Zhuk, A.	2015	European Physical Journal C 75(3), c. 1-9	8
<input type="checkbox"/> 53	Natural development of the resources in design and	Drozd, J., Drozd, A., Antoshchuk,	2013	Proceedings of the 2013 IEEE 7th International	8

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	testing of the computer systems and their components	S., Kharchenko, V.		Conference on Intelligent Data Acquisition and Advanced Computing Systems, IDAACS 2013 1,6662656, c. 133-137	
<input type="checkbox"/> 54	The partial averaging of differential inclusions with fuzzy right-hand side	Plotnikov, A.V., Komleva, T.A., Plotnikova, L.I.	2010	Journal of Advanced Research in Dynamical and Control Systems 2(2), c. 26-34	8
<input type="checkbox"/> 55	Complete class properties of perfect binary arrays on 36 elements	Mazurkov, M.I., Chechel'nitskij, V.Ya.	2004	Izvestiya Vysshikh Uchebnykh Zavedenij. Radioelektronika 47(6), c. 56-64	8
<input type="checkbox"/> 56	Exergy efficiency calculation of energy intensive systems by graphs	Nikulshin, V., Wu, C., Nikulshina, V.	2002	International Journal of Applied Thermodynamics 5(2), c. 67-74	8
<input type="checkbox"/> 57	Cascade parametrization of multiplicity distributions in inelastic pp- and $\bar{p}p$ -interactions on energy interval in c.m.s. $\sqrt{S} = 20-1800$ GeV	Rusov, V.D., Zelentsova, T.N., Kosenko, S.I., Ovsyanko, M.M., Sharf, I.V.	2001	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics 504(3), c. 213-217	8
<input type="checkbox"/> 58	Anomalous dielectric relaxation of inhomogeneous media with chaotic structure	Novikov, V.V., Wojciechowski, K.W., Privalko, V.P.	2000	Journal of Physics Condensed Matter 12(22), c. 4869-4879	8
<input type="checkbox"/> 59	Unified analysis of DOA estimation algorithms for covariance matrix transforms	Gorokhov, A., Abramovich, Yu., Böhme, J.F.	1996	Signal Processing 55(1), c. 107-115	8
<input type="checkbox"/> 60	Normal forms of holomorphic matrix-valued functions and corresponding forms for singular differential operators <u>Открытый доступ</u>	Tovbis, A.I.	1992	Linear Algebra and Its Applications 162-164(C), c. 389-407	8
<input type="checkbox"/> 61	<u>The research on role differentiation as a method of forming the project team</u>	Sherstyuk, O., Olekh, T., Kolesnikova, K.	2016	<u>EasternEuropean Journal of Enterprise Technologies</u> 2(3), c. 63-68	<u>7</u>
<input type="checkbox"/> 62	<u>Integrating big data and relational data with a functional SQL-like query language</u>	Bondiombouy, C., Kolev, B., Levchenko, O., Valduriez, P.	2015	<u>Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)</u> 9261,A13, c. 170-185	<u>7</u>
<input type="checkbox"/> 63	<u>Cluster structure of water in accordance with the data on dielectric permittivity and heat capacity</u>	Malomuzh, N.P., Makhlaichuk, V.N., Makhlaichuk, P.V., Pankratov, K.N.	2013	<u>Journal of Structural Chemistry</u> 54(SUPPL. 2), c. S205-S220	<u>7</u>
<input type="checkbox"/> 64	<u>New on-line testing methods for approximate data processing in the computing circuits</u>	Drozd, A., Antoshchuk, S.	2011	Proceedings of the 6th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology	<u>7</u>

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				and Applications, IDAACS'2011 1,6072759, c. 291-294	
<input type="checkbox"/> 65	<u>On the procedure of quantization in classical mechanics and the reality of bohm's Ψ-field</u>	<u>Rusov, V.D., Vlasenko, D.S., Mavrodiev, S.C.H.</u>	2009	<u>Ukrainian Journal of Physics</u> 54(11), c. 1131-1138	<u>7</u>
<input type="checkbox"/> 66	<u>Differential inclusions with Hukuhara derivative</u>	<u>Komleva, T.A., Plotnikov, A.V.</u>	2007	<u>Nonlinear Oscillations</u> 10(2), c. 229-245	<u>7</u>
<input type="checkbox"/> 67	<u>Conductivity in a magnetic field of a three-dimensional composite with a random fractal structure</u>	<u>Novikov, V.V., Zubkov, D.Y.</u>	2006	<u>Physical Review B - Condensed Matter and Materials Physics</u> 73(5),054202	<u>7</u>
<input type="checkbox"/> 68	<u>Dynamics of temperature and density of cold protons of the earth's plasmasphere measured by the Auroral Probe/Alpha-3 experiment data during geomagnetic disturbances</u>	<u>Bezrukikh, V.V., Kotova, G.A., Lezhen, L.A., (...), Pierrard, V., Venediktov, Yu.I.</u>	2003	<u>Cosmic Research</u> 41(4), c. 392-402	<u>7</u>
<input type="checkbox"/> 69	<u>Development process models for evaluation of performance of the educational establishments</u>	<u>Otradskaia, T., Gogunskii, V.</u>	2016	<u>EasternEuropean Journal of Enterprise Technologies</u> 3(3-81), c. 12-22	<u>6</u>
<input type="checkbox"/> 70	<u>Effectiveness of matrix and pipeline FPGA-based arithmetic components of safety-related systems</u>	<u>Drozd, J., Drozd, O., Antoshchuk, S., Kushnerov, A., Nikul, V.</u>	2015	Proceedings of the 2015 IEEE 8th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2015 2,7341410, c. 785-789	<u>6</u>
<input type="checkbox"/> 71	<u>Model of cladding failure estimation under multiple cyclic reactor power changes</u>	<u>Pelykh, S.N., Maksimov, M.V., Baskakov, V.E.</u>	2009	2nd International Conference on Current Problems in Nuclear Physics and Atomic Energy, NPAE 2008 – Proceedings c. 638-641	<u>6</u>
<input type="checkbox"/> 72	<u>Differential equations with set-valued solutions</u>	<u>Komleva, T.A., Plotnikov, A.V., Skripnik, N.V.</u>	2008	<u>Ukrainian Mathematical Journal</u> 60(10), c. 1540-1556	<u>6</u>
<input type="checkbox"/> 73	<u>Reactor operating on a slow wave of nuclear fission</u>	<u>Pavlovich, V.N., Khotyaintseva, E.N., Rusov, V.D., Khotyaintsev, V.N., Yurchenko, A.S.</u>	2007	<u>Atomic Energy</u> 102(3), c. 181-189	<u>6</u>
<input type="checkbox"/> 74	<u>Effect of look angle on the accuracy performance of fixed-baseline interferometric SAR</u>	<u>Ka, M.-H., Kononov, A.A.</u>	2007	<u>IEEE Geoscience and Remote Sensing Letters</u> 4(1), c. 65-69	<u>6</u>

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<input type="checkbox"/> 75	Fast orthogonal transforms based on perfect binary arrays	Mazurkov, M.I. , Gerasimenko, M.Y.	2006	Radioelectronics and Communications Systems 49(9), c. 36-41	<u>6</u>
<input type="checkbox"/> 76	INTERBALL 1 / ALPHA 3 cold plasma measurements in the evening plasmasphere: Quiet and disturbed magnetic conditions	Kotova, G.A. , Bezrukikh, V.V. , Verigin, M.I. , Lezhen, L.A. , Barabanov, N.A.	2002	Advances in Space Research 30(10), c. 2313-2318	<u>6</u>
<input type="checkbox"/> 77	Hardware check of arithmetic devices with abridged execution of operations	Drozd, A. , Lobachov, M. , Hassonah, W.	1996	Proceedings of European Design and Test Conference c. 611	<u>6</u>
<input type="checkbox"/> 78	5-Trifluoromethylfuran derivatives	Grigorash, R.V. , Lyalin, V.V. , Alekseeva, L.A. , Yagupol'skii, L.M.	1978	Chemistry of Heterocyclic Compounds 13(12), c. 1280-1282	<u>6</u>
<input type="checkbox"/> 79	Effects of Tool Geometry and Process Parameters on Delamination in CFRP Drilling: An Overview Открытый доступ	Melentiev, R. , Priarone, P.C. , Robiglio, M. , Settineri, L.	2016	Procedia CIRP 45, c. 31-34	<u>5</u>
<input type="checkbox"/> 80	Safety-related instrumentation and control systems and a problem of the hidden faults	Drozd, M. , Drozd, A.	2014	DT 2014 - 10th International Conference on Digital Technologies 2014 6868692, c. 64-67	<u>5</u>
<input type="checkbox"/> 81	Structural changes in the gas flame upon the pulsating combustion mode onset	Trofimenko, M.Y. , Aslanov, S.K. , Smolyar, V.P.	2014	Ukrainian Journal of Physics 59(4), c. 359-364	<u>5</u>
<input type="checkbox"/> 82	Exergy analysis of the solar thermochemical cycle for capturing CO 2 from air	Nikulshin, V. , Nikulshina, V.	2010	International Journal of Exergy 7(2), c. 243-254	<u>5</u>
<input type="checkbox"/> 83	Three-level cryptographic system for block data encryption	Mazurkov, M.I. , Chechelnytskyi, V.Ya. , Nekrasov, K.K.	2010	Radioelectronics and Communications Systems 53(7), c. 376-379	<u>5</u>
<input type="checkbox"/> 84	Information security method based on perfect binary arrays	Mazurkov, M.I. , Chechel'nitskii, V.Ya. , Murr, P.	2008	Radioelectronics and Communications Systems 51(11), c. 612-614	<u>5</u>
<input type="checkbox"/> 85	The 'entropy-cycle' method for thermodynamic analysis of energy intensive systems	Nikulshin, V. , Von Zedtwitz, V.	2007	International Journal of Exergy 4(1), c. 74-86	<u>5</u>
<input type="checkbox"/> 86	Classes of minimax bi-phase signals based on perfect binary arrays	Mazurkov, M.I. , Chechel'Nitskii, V.Y. , Gerasimenko, M.Y.	2006	Radioelectronics and Communications Systems 49(10), c. 16-24	<u>5</u>
<input type="checkbox"/> 87	A method for generation of the full class of perfect binary arrays of the order N = 8×8	Chechel'nitskii, V.Ya.	2005	Radioelectronics and Communications Systems 48(11), c. 48-52	<u>5</u>
<input type="checkbox"/> 88	The families of linear recurrent sequences based on full sets of Galois' isomorphic fields	Mazurkov, M.I. , Konopaka, Ye.A.	2005	Radioelectronics and Communications Systems 48(11), c. 42-47	<u>5</u>
<input type="checkbox"/> 89	The logarithmic checking method for on-line testing	Drozd, A. , Al-Azzeh, R. , Drozd,	2004	Proceedings of the EUROMICRO Systems on	<u>5</u>

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	<u>of computing circuits for processing of the approximated data</u>	<u>J., Lobachev, M.</u>		<u>Digital System Design, DSD 2004</u> с. 416-423	
<input type="checkbox"/> 90	<u>Damage Analysis of Adaptive Materials using Combined Non-Destructive Techniques [Adaptive Werkstoffsysteme: Schadensanalyse mit Hilfe kombinierter zerstörungsfreier Verfahren]</u>	<u>Mook, G., Pohl, J., Michel, F., (...), Benziger, T., Hilbig, A.</u>	1998	<u>Materialprüfung/Materials Testing</u> 40(11-12), с. 443-451	<u>5</u>
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