

Oleg Ja Kravets

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

73
citations

5
h-index

6
g-index

82
ext. papers

148
ext. citations

0.3
avg, IF

2.66
L-index

#	Paper	IF	Citations
65	Quality assessment of a multistage process in the case of continuous response functions from resource influences. <i>Automation and Remote Control</i> , 2015 , 76, 500-506	0.6	8
64	Mathematical modeling of parameterized TCP protocol. <i>Automation and Remote Control</i> , 2013 , 74, 1218-1224	0.6	7
63	Software engineering math for network applications. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 044047	0.3	7
62	The Problems and Peculiarities of Modelling Integrated Systems of Heterogeneous Traffic Services. <i>Journal of Siberian Federal University - Mathematics and Physics</i> , 2018 , 11, 581-587	0.3	6
61	Multiagent technology for the application of a distributing function for load balancing in multiserver systems. <i>Automation and Remote Control</i> , 2014 , 75, 977-982	0.6	5
60	Mathematical modeling of inhomogeneous traffic in a heterogeneous integrated corporate data control system. <i>Automation and Remote Control</i> , 2012 , 73, 1269-1278	0.6	5
59	Mathematical model for the study and prediction of a porous body thermal state. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 022024	0.4	3
58	Switching subsystems within the framework of distributed operational annunciator and monitoring systems: program design features. <i>Automation and Remote Control</i> , 2013 , 74, 1919-1925	0.6	3
57	Digital management by supply networks in engineering. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 032024	0.4	3
56	A Technique of Calculating the Kinetics of the Process of Nonisothermal Vulcanization of Large Articles. <i>Chemical and Petroleum Engineering (English Translation of Khimicheskoe i Neftyanoe Mashinostroenie)</i> , 2018 , 53, 647-652	0.6	2
55	Search engine features in gradient optimization of complex objects using adjoint systems. <i>Automation and Remote Control</i> , 2014 , 75, 2225-2230	0.6	2
54	Semantic analysis implementation in engineering enterprise content management systems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 042016	0.4	2
53	The mechanism for the generalized dual problem of network programming solving. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 033031	0.3	2
52	Information system of agricultural robotic KAMAZ cars. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 033020	0.3	2
51	Digital tests of the robotic chassis/cyber-physical system for agricultural unmanned vehicle. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 044032	0.3	2
50	The application of the large particles method of numerical modeling of the process of carbonic nanostructures synthesis in plasma. <i>Journal of Physics: Conference Series</i> , 2018 , 973, 012022	0.3	2
49	Multi-disciplinary educational information environment. <i>Journal of Physics: Conference Series</i> , 2020 , 1691, 012065	0.3	1

48	Algorithm of ecological solutions in the smart city concept. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 052040	0.3	1
47	Analysis of the intermediate layer work in the three-tier architecture client-server of automation engineering problems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 032011	0.4	1
46	Comparison of the neural net training algorithms for the emergencies forecasting of technological processes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 032040	0.4	1
45	Modelling of the technological process of multiple filtering suspensions with multi-layered filter. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 042018	0.4	1
44	The optimization of diffraction structures based on the principle selection of the main criterion. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 173, 012010	0.4	1
43	Numerical-analytical method for determining the barodiffusion coefficient of technological process of ion-exchange suspension filtration. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 062010	0.4	1
42	The use of quantum-kinetic models in system design synthesis of carbon nanostructures. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 498, 012008	0.4	1
41	Solving the problem of the evolutionary tasks of economics and organization of production in spatial networks. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 033032	0.3	1
40	Mathematical model and numerical algorithms to analyze gas filtration process in a porous medium. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 055036	0.3	1
39	Information system for diagnosis of respiratory system diseases. <i>Journal of Physics: Conference Series</i> , 2018 , 1015, 042036	0.3	1
38	Use of generalized dual problem solutions in the game model of competence management problem. <i>Journal of Physics: Conference Series</i> , 2020 , 1691, 012155	0.3	0
37	Educational engineering: the technological basis for creating educational products. <i>Journal of Physics: Conference Series</i> , 2020 , 1691, 012157	0.3	0
36	Atmospheric dispersion modelling in ecological engineering problems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 062017	0.4	0
35	Durability prognostication of ferroconcrete structures on the basis of neural indistinct networks. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 022038	0.4	0
34	Emotional intelligence development: necessary modern technologies in students training. <i>Journal of Physics: Conference Series</i> , 2020 , 1691, 012143	0.3	0
33	Security management of the functioning of a multi-node mobile cyber-physical system with a distributed registry based on an automatic model. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 042040	0.3	0
32	The analysis of information security problems solved by clustering methods. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 022084	0.3	
31	Improving the management efficiency of machine-building enterprises (on the radio industry example). <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 022089	0.3	

30	A system of digital simulation models for distance learning of computer subsystems in IT courses. <i>Journal of Physics: Conference Series</i> , 2020 , 1691, 012074	0.3
29	Improving the software engineering algorithm for business. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 022090	0.3
28	Research on the influence factors of technogenic environmental pollution on population health based on statistical panel data analysis. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 548, 062004	0.3
27	Outrunning planning by network management in Industry 4.0 concept. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 042011	0.4
26	Analysis of routing processes in telecommunication networks with unsteady flows using Markov processes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 052005	0.4
25	Simulation of the automated motion of a robotic agricultural vehicle. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 052008	0.4
24	Efficiency analysis of dynamic object detection in computer vision system. <i>Journal of Physics: Conference Series</i> , 2019 , 1203, 012048	0.3
23	Control and preprocessing of graphic data for effective dynamic object recognition. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 052002	0.4
22	Problems and features of data structure modeling in distributed Web-oriented production systems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 032013	0.4
21	Features of a numerical characteristics estimation for the execution time of complex series-parallel operations. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 042005	0.4
20	Credit rating of natural person by expert knowledge compilation in logic basis of neural networks. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 042028	0.4
19	A numerical solving method using the parallel computing technologies for the quantum-kinetic models. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 537, 052033	0.4
18	Generalization of the mechanisms of cross-correlation analysis in the case of a multivariate time series. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 173, 012009	0.4
17	Distributed systems estimators and packet delivery prediction based on recursive Bayesian estimation. <i>Automation and Remote Control</i> , 2014 , 75, 1880-1885	0.6
16	The management of the radio-electronic instrumentation corporate entities in Russia. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 022087	0.3
15	Mathematical support for the formation a compromise tax on the profit of the region engineering enterprises. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 022088	0.3
14	Search for forms of a single-tube resonator of increased q-factor. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 042027	0.3
13	Data mining technologies in a distributed medical information system. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 032005	0.3

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| 12 | Control model of parallel functioning production modules as fuzzy Petri nets. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 022003 | 0.3 |
| 11 | Optimal control of pulse compensators of oscillatory phenomena in a network oil and gas pipeline system. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 052024 | 0.3 |
| 10 | Optimal control of fluctuations of the liquid substance - pipeline system in terms of speed during transportation of a liquid substance. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 052020 | 0.3 |
| 9 | Residual life management of cyber-physical transport systems. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 042008 | 0.3 |
| 8 | Applied aspects of data mining for decision support at the regional health system. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 032006 | 0.3 |
| 7 | Mathematical Discrete-Time Model of the Heterogeneous Integrated System of Corporate Information Management. <i>Journal of Siberian Federal University - Mathematics and Physics</i> , 2019 , 560-570 ^{0.3} | 0.3 |
| 6 | Convolutional neural network for detecting anomalies in the control system of a machine-building enterprise. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 052020 | 0.4 |
| 5 | Method development for analysis of information components of the monitoring system with a limited delay. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 734, 012095 | 0.4 |
| 4 | Algorithmization and optimization of processes for integrated electronics engineering. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 498, 012041 | 0.4 |
| 3 | Optimization of the 3D-IC model structure. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 498, 012039 | 0.4 |
| 2 | Approach to mathematical simulation of data networking with packet routing. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 033082 | 0.3 |
| 1 | Cyber-physical control system for integrated material flows. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 044044 | 0.3 |