

Oleg Ja Kravets

List of Publications by Year in Descending Order

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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	Data mining technologies in a distributed medical information system. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 032005	0.3	
64	Control model of parallel functioning production modules as fuzzy Petri nets. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 022003	0.3	
63	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	
62	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	
61	Residual life management of cyber-physical transport systems. <i>Journal of Physics: Conference Series</i> , 2021 , 2094, 042008	0.3	
60	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
59	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	
58	The analysis of information security problems solved by clustering methods. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 022084	0.3	
57	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	
56	Multi-disciplinary educational information environment. <i>Journal of Physics: Conference Series</i> , 2020 , 1691, 012065	0.3	1
55	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	
54	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
53	Educational engineering: the technological basis for creating educational products. <i>Journal of Physics: Conference Series</i> , 2020 , 1691, 012157	0.3	0
52	Improving the software engineering algorithm for business. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 022090	0.3	
51	Algorithm of ecological solutions in the smart city concept. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 052040	0.3	1
50	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	
49	Outrunning planning by network management in Industry 4.0 concept. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 042011	0.4	

48	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	
47	Simulation of the automated motion of a robotic agricultural vehicle. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 052008	0.4	
46	Atmospheric dispersion modelling in ecological engineering problems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 062017	0.4	0
45	Emotional intelligence development: necessary modern technologies in students training. <i>Journal of Physics: Conference Series</i> , 2020 , 1691, 012143	0.3	0
44	The management of the radio-electronic instrumentation corporate entities in Russia. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 022087	0.3	
43	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	
42	Search for forms of a single-tube resonator of increased q-factor. <i>Journal of Physics: Conference Series</i> , 2020 , 1679, 042027	0.3	
41	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
40	Digital management by supply networks in engineering. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 032024	0.4	3
39	Semantic analysis implementation in engineering enterprise content management systems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 862, 042016	0.4	2
38	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	
37	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	
36	Efficiency analysis of dynamic object detection in computer vision system. <i>Journal of Physics: Conference Series</i> , 2019 , 1203, 012048	0.3	
35	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	
34	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	
33	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
32	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	
31	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

30	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
29	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	
28	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	
27	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
26	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
25	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}		
24	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
23	Algorithmization and optimization of processes for integrated electronics engineering. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 498, 012041	0.4	
22	Optimization of the 3D-IC model structure. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 498, 012039	0.4	
21	The mechanism for the generalized dual problem of network programming solving. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 033031	0.3	2
20	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
19	Approach to mathematical simulation of data networking with packet routing. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 033082	0.3	
18	Cyber-physical control system for integrated material flows. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 044044	0.3	
17	Software engineering math for network applications. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 044047	0.3	7
16	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
15	Information system of agricultural robotic KAMAZ cars. <i>Journal of Physics: Conference Series</i> , 2019 , 1399, 033020	0.3	2
14	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
13	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

12	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
11	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
10	Information system for diagnosis of respiratory system diseases. <i>Journal of Physics: Conference Series</i> , 2018 , 1015, 042036	0.3	1
9	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
8	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	
7	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
6	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
5	Distributed systems estimators and packet delivery prediction based on recursive Bayesian estimation. <i>Automation and Remote Control</i> , 2014 , 75, 1880-1885	0.6	
4	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
3	Mathematical modeling of parameterized TCP protocol. <i>Automation and Remote Control</i> , 2013 , 74, 1218-1224	0.6	7
2	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
1	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