

Alexander Feoktistov

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.

35
papers

132
citations

6
h-index

9
g-index

40
ext. papers

163
ext. citations

1.1
avg, IF

2.81
L-index

#	Paper	IF	Citations
35	Conceptual Model of Problem-oriented Heterogeneous Distributed Computing Environment with Multi-agent Management. <i>Procedia Computer Science</i> , 2017 , 103, 162-167	1.6	15
34	Multiagent control of computational systems on the basis of meta-monitoring and imitational simulation. <i>Optoelectronics, Instrumentation and Data Processing</i> , 2016 , 52, 107-112	0.6	14
33	Multiagent approach to controlling distributed computing in a cluster Grid system. <i>Journal of Computer and Systems Sciences International</i> , 2014 , 53, 713-722	1	12
32	Operating cost and quality of service optimization for multi-vehicle-type timetabling for urban bus systems. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 133, 272-285	4.4	10
31	Service-oriented multiagent control of distributed computations. <i>Automation and Remote Control</i> , 2015 , 76, 2000-2010	0.6	9
30	Orlando Tools: Energy Research Application Development Through Convergence of Grid and Cloud Computing. <i>Communications in Computer and Information Science</i> , 2019 , 289-300	0.3	7
29	Knowledge elicitation in multi-agent system for distributed computing management 2017 ,		6
28	Simulation modeling in heterogeneous distributed computing environments to support decisions making in warehouse logistics. <i>Procedia Engineering</i> , 2017 , 201, 524-533		6
27	Development of distributed subject-oriented applications for cloud computing through the integration of conceptual and modular programming 2018 ,		6
26	Scalable Application for the Search of Global Minima of Multiextremal Functions. <i>Optoelectronics, Instrumentation and Data Processing</i> , 2018 , 54, 83-89	0.6	4
25	Multiobjective Vehicle-type Scheduling in Urban Public Transport 2017 ,		4
24	Multi-Agent Approach for Dynamic Elasticity of Virtual Machines Provisioning in Heterogeneous Distributed Computing Environment 2018 ,		4
23	Multi-agent Algorithm for Re-allocating Grid-resources and Improving Fault-tolerance of Problem-solving Processes. <i>Procedia Computer Science</i> , 2019 , 150, 171-178	1.6	3
22	Logical-probabilistic analysis of distributed computing reliability 2016 ,		3
21	Agent behavior model for distributed computing management in the environment with virtualized resources 2018 ,		3
20	Mitigating Uncertainty in Developing and Applying Scientific Applications in an Integrated Computing Environment. <i>Programming and Computer Software</i> , 2020 , 46, 483-502	0.8	3
19	Automation of multi-agent control for complex dynamic systems in heterogeneous computational network 2017 ,		2

18	Configurable cost-quality optimization of cloud-based VoIP. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 133, 319-336	4.4	2
17	Job flow management for virtualized resources of heterogeneous distributed computing environment. <i>Procedia Engineering</i> , 2017 , 201, 534-542		2
16	Load-Aware Strategies for Cloud-Based VoIP Optimization with VM Startup Prediction 2017 ,		2
15	Orlando Tools: Supporting High-performance Computing in Distributed Environments 2020 ,		2
14	Collaborative Development and Use of Scientific Applications in Orlando Tools: Integration, Delivery, and Deployment. <i>Communications in Computer and Information Science</i> , 2020 , 18-32	0.3	2
13	Heterogeneous Distributed Computing Environment for Vulnerability Analysis of Energy Critical Infrastructures 2018 ,		2
12	The Service-Oriented Multiagent Approach to High-Performance Scientific Computing. <i>Lecture Notes in Computer Science</i> , 2017 , 261-268	0.9	1
11	Orlando Tools: Development, Training, and Use of Scalable Applications in Heterogeneous Distributed Computing Environments. <i>Communications in Computer and Information Science</i> , 2019 , 265-279	0.3	1
10	Agent-Based DevOps of Software and Hardware Resources for Digital Twins of Infrastructural Objects 2020 ,		1
9	Supercomputer Engineering for Supporting Decision-making on Energy Systems Resilience 2020 ,		1
8	MODELING ENERGY SUPPLY OF OBJECTS LOCATED IN THE PROTECTED BAIKAL NATURAL TERRITORY ON THE BASIS OF RENEWABLE ENERGY SOURCES. <i>The International Technical-economic Journal</i> , 2020 , 7-24	0.1	1
7	Studying the natural gas market under demand uncertainty using a heterogeneous distributed computing environment. <i>Journal of Physics: Conference Series</i> , 2019 , 1333, 072005	0.3	1
6	Subject-oriented computing environment for solving large-scale problems of energy security research. <i>Journal of Physics: Conference Series</i> , 2019 , 1368, 052030	0.3	1
5	Microservice-Based Approach to Simulating Environmentally Friendly Equipment of Infrastructure Objects Taking into Account Meteorological Data. <i>Atmosphere</i> , 2021 , 12, 1217	2.7	1
4	Integration of Web Processing Services with Workflow-Based Scientific Applications for Solving Environmental Monitoring Problems. <i>ISPRS International Journal of Geo-Information</i> , 2022 , 11, 8	2.9	0
3	Application of high-performance computing for determining critical components of an energy system. <i>E3S Web of Conferences</i> , 2020 , 209, 06004	0.5	
2	Support for Managing the Survivability of Energy Systems Based on a Combinatorial Approach. <i>Journal of Computer and Systems Sciences International</i> , 2021 , 60, 981-994	1	
1	Data Processing in Problem-Solving of Energy System Vulnerability Based on In-memory Data Grid. <i>Lecture Notes in Networks and Systems</i> , 2022 , 271-279	0.5	

