

# Alexander Feoktistov

## 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.

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	Integration of Web Processing Services with Workflow-Based Scientific Applications for Solving Environmental Monitoring Problems. <i>ISPRS International Journal of Geo-Information</i> , <b>2022</b> , 11, 8	2.9	0
34	Data Processing in Problem-Solving of Energy System Vulnerability Based on In-memory Data Grid. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 271-279	0.5	
33	Microservice-Based Approach to Simulating Environmentally Friendly Equipment of Infrastructure Objects Taking into Account Meteorological Data. <i>Atmosphere</i> , <b>2021</b> , 12, 1217	2.7	1
32	Support for Managing the Survivability of Energy Systems Based on a Combinatorial Approach. <i>Journal of Computer and Systems Sciences International</i> , <b>2021</b> , 60, 981-994	1	
31	Orlando Tools: Supporting High-performance Computing in Distributed Environments <b>2020</b> ,		2
30	Application of high-performance computing for determining critical components of an energy system. <i>E3S Web of Conferences</i> , <b>2020</b> , 209, 06004	0.5	
29	Collaborative Development and Use of Scientific Applications in Orlando Tools: Integration, Delivery, and Deployment. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 18-32	0.3	2
28	Agent-Based DevOps of Software and Hardware Resources for Digital Twins of Infrastructural Objects <b>2020</b> ,		1
27	Supercomputer Engineering for Supporting Decision-making on Energy Systems Resilience <b>2020</b> ,		1
26	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> , <b>2020</b> , 7-24	0.1	1
25	Mitigating Uncertainty in Developing and Applying Scientific Applications in an Integrated Computing Environment. <i>Programming and Computer Software</i> , <b>2020</b> , 46, 483-502	0.8	3
24	Multi-agent Algorithm for Re-allocating Grid-resources and Improving Fault-tolerance of Problem-solving Processes. <i>Procedia Computer Science</i> , <b>2019</b> , 150, 171-178	1.6	3
23	Orlando Tools: Development, Training, and Use of Scalable Applications in Heterogeneous Distributed Computing Environments. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 265-279	0.3	1
22	Configurable cost-quality optimization of cloud-based VoIP. <i>Journal of Parallel and Distributed Computing</i> , <b>2019</b> , 133, 319-336	4.4	2
21	Studying the natural gas market under demand uncertainty using a heterogeneous distributed computing environment. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1333, 072005	0.3	1
20	Subject-oriented computing environment for solving large-scale problems of energy security research. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1368, 052030	0.3	1
19	Orlando Tools: Energy Research Application Development Through Convergence of Grid and Cloud Computing. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 289-300	0.3	7

18	Operating cost and quality of service optimization for multi-vehicle-type timetabling for urban bus systems. <i>Journal of Parallel and Distributed Computing</i> , <b>2019</b> , 133, 272-285	4.4	10
17	Agent behavior model for distributed computing management in the environment with virtualized resources <b>2018</b> ,		3
16	Scalable Application for the Search of Global Minima of Multiextremal Functions. <i>Optoelectronics, Instrumentation and Data Processing</i> , <b>2018</b> , 54, 83-89	0.6	4
15	Heterogeneous Distributed Computing Environment for Vulnerability Analysis of Energy Critical Infrastructures <b>2018</b> ,		2
14	Multi-Agent Approach for Dynamic Elasticity of Virtual Machines Provisioning in Heterogeneous Distributed Computing Environment <b>2018</b> ,		4
13	Development of distributed subject-oriented applications for cloud computing through the integration of conceptual and modular programming <b>2018</b> ,		6
12	The Service-Oriented Multiagent Approach to High-Performance Scientific Computing. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 261-268	0.9	1
11	Automation of multi-agent control for complex dynamic systems in heterogeneous computational network <b>2017</b> ,		2
10	Conceptual Model of Problem-oriented Heterogeneous Distributed Computing Environment with Multi-agent Management. <i>Procedia Computer Science</i> , <b>2017</b> , 103, 162-167	1.6	15
9	Knowledge elicitation in multi-agent system for distributed computing management <b>2017</b> ,		6
8	Simulation modeling in heterogeneous distributed computing environments to support decisions making in warehouse logistics. <i>Procedia Engineering</i> , <b>2017</b> , 201, 524-533		6
7	Job flow management for virtualized resources of heterogeneous distributed computing environment. <i>Procedia Engineering</i> , <b>2017</b> , 201, 534-542		2
6	Multiobjective Vehicle-type Scheduling in Urban Public Transport <b>2017</b> ,		4
5	Load-Aware Strategies for Cloud-Based VoIP Optimization with VM Startup Prediction <b>2017</b> ,		2
4	Logical-probabilistic analysis of distributed computing reliability <b>2016</b> ,		3
3	Multiagent control of computational systems on the basis of meta-monitoring and imitational simulation. <i>Optoelectronics, Instrumentation and Data Processing</i> , <b>2016</b> , 52, 107-112	0.6	14
2	Service-oriented multiagent control of distributed computations. <i>Automation and Remote Control</i> , <b>2015</b> , 76, 2000-2010	0.6	9
1	Multiagent approach to controlling distributed computing in a cluster Grid system. <i>Journal of Computer and Systems Sciences International</i> , <b>2014</b> , 53, 713-722	1	12

