Igor V Bychkov

List of Publications by Citations

21 papers	59 citations	4 h-index	6 g-index
26 ext. papers	95 ext. citations	1.5 avg, IF	2.27 L-index

#	Paper	IF	Citations
21	Operating cost and quality of service optimization for multi-vehicle-type timetabling for urban bus systems. *Journal of Parallel and Distributed Computing*, **2019**, 133, 272-285	4.4	10
20	Agent-Based Approach to Monitoring and Control of Distributed Computing Environment. *Lecture Notes in Computer Science*, **2015**, 253-257	0.9	8
19	Russian—German Astroparticle Data Life Cycle Initiative. *Data*, **2018**, 3, 56	2.3	6
18	Multiobjective Vehicle-type Scheduling in Urban Public Transport **2017**,		4
17	Two-Level Evolutionary Approach to Persistent Surveillance for Multiple Underwater Vehicles with Energy Constraints. *SPIIRAS Proceedings*, **2019**, 18, 267-301	1.6	4
16	Multi-Agent Approach for Dynamic Elasticity of Virtual Machines Provisioning in Heterogeneous Distributed Computing Environment **2018**,		4
15	A Volunteer-Computing-Based Grid Architecture Incorporating Idle Resources of Computational Clusters. *Lecture Notes in Computer Science*, **2017**, 769-776	0.9	3
14	Automation Development Framework of Scalable Scientific Web Applications Based on Subject Domain Knowledge. *Lecture Notes in Computer Science*, **2017**, 278-288	0.9	3
13	Modeling of Railway Stations Based on Queuing Networks. *Applied Sciences (Switzerland)*, **2021**, 11, 2425	2.6	3
12	Hierarchical control system design problems for multiple autonomous underwater vehicles **2019**,		2
11	Event-Based Path-Planning and Path-Following in Unknown Environments for Underactuated Autonomous Underwater Vehicles. *Applied Sciences (Switzerland)*, **2020**, 10, 7894	2.6	2
10	Configurable cost-quality optimization of cloud-based VoIP. *Journal of Parallel and Distributed Computing*, **2019**, 133, 319-336	4.4	2
9	Load-Aware Strategies for Cloud-Based VoIP Optimization with VM Startup Prediction **2017**,		2
8	Collaborative Development and Use of Scientific Applications in Orlando Tools: Integration, Delivery, and Deployment. *Communications in Computer and Information Science*, **2020**, 18-32	0.3	2
7	The Service-Oriented Multiagent Approach to High-Performance Scientific Computing. *Lecture Notes in Computer Science*, **2017**, 261-268	0.9	1
6	Orlando Tools: Development, Training, and Use of Scalable Applications in Heterogeneous Distributed Computing Environments. *Communications in Computer and Information Science*, **2019**, 265-279	0.3	1
5	Supercomputer Engineering for Supporting Decision-making on Energy Systems Resilience **2020**,		1

List of Publications

4	Emergency broadcasting strategies for distributed robotic groups under limited communication. *Journal of Physics: Conference Series*, **2021**, 1864, 012043	0.3	1
3	Hybrid Evolutionary Approach to Multi-objective Mission Planning for Group of Underwater Robots. *Communications in Computer and Information Science*, **2015**, 73-84	0.3	0
2	Integration of Web Processing Services with Workflow-Based Scientific Applications for Solving Environmental Monitoring Problems. *ISPRS International Journal of Geo-Information*, **2022**, 11, 8	2.9	0
1	Event-Based Cooperative Control Framework for Robot Teams. *Communications in Computer and Information Science*, **2020**, 121-137	0.3	