

Andrey Tchernykh

List of Publications by Year in descending order

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178
papers

1,777
citations

361296

20
h-index

360920

35
g-index

185
all docs

185
docs citations

185
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards understanding uncertainty in cloud computing with risks of confidentiality, integrity, and availability. Journal of Computational Science, 2019, 36, 100581.	1.5	97
2	Towards Understanding Uncertainty in Cloud Computing Resource Provisioning. Procedia Computer Science, 2015, 51, 1772-1781.	1.2	79
3	AR-RRNS: Configurable reliable distributed data storage systems for Internet of Things to ensure security. Future Generation Computer Systems, 2019, 92, 1080-1092.	4.9	76
4	Multiple Workflow Scheduling Strategies with User Run Time Estimates on a Grid. Journal of Grid Computing, 2012, 10, 325-346.	2.5	68
5	CA-DAG: Modeling Communication-Aware Applications for Scheduling in Cloud Computing. Journal of Grid Computing, 2016, 14, 23-39.	2.5	67
6	Hybrid flowshop with unrelated machines, sequence-dependent setup time, availability constraints and limited buffers. Computers and Industrial Engineering, 2009, 56, 1452-1463.	3.4	59
7	Data transferring model determination in robotic group. Robotics and Autonomous Systems, 2016, 83, 251-260.	3.0	59
8	Job Allocation Strategies with User Run Time Estimates for Online Scheduling in Hierarchical Grids. Journal of Grid Computing, 2011, 9, 95-116.	2.5	47
9	Online scheduling in grids. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	45
10	Privacy-preserving neural networks with Homomorphic encryption: Challenges and opportunities. Peer-to-Peer Networking and Applications, 2021, 14, 1666-1691.	2.6	45
11	Towards a Cloud Computing Paradigm for Big Data Analysis in Smart Cities. Programming and Computer Software, 2018, 44, 181-189.	0.5	43
12	Scalable Data Storage Design for Nonstationary IoT Environment With Adaptive Security and Reliability. IEEE Internet of Things Journal, 2020, 7, 10171-10188.	5.5	42
13	Towards Digital Twins Cloud Platform. , 2017, , .		41
14	Online Bi-Objective Scheduling for IaaS Clouds Ensuring Quality of Service. Journal of Grid Computing, 2016, 14, 5-22.	2.5	39
15	On-line hierarchical job scheduling on grids with admissible allocation. Journal of Scheduling, 2010, 13, 545-552.	1.3	38
16	AC-RRNS: Anti-collusion secured data sharing scheme for cloud storage. International Journal of Approximate Reasoning, 2018, 102, 60-73.	1.9	37
17	Adaptive energy efficient scheduling in Peer-to-Peer desktop grids. Future Generation Computer Systems, 2014, 36, 209-220.	4.9	30
18	Digital Twins, Internet of Things and Mobile Medicine: A Review of Current Platforms to Support Smart Healthcare. Programming and Computer Software, 2021, 47, 578-590.	0.5	28

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19	Traffic lights synchronization for Bus Rapid Transit using a parallel evolutionary algorithm. International Journal of Transportation Science and Technology, 2019, 8, 53-67.	2.0	26
20	Analysis of Mobility Patterns for Public Transportation and Bus Stops Relocation. Programming and Computer Software, 2018, 44, 508-525.	0.5	22
21	Stateful Stream Processing for Digital Twins: Microservice-Based Kafka Stream DSL. , 2019, , .		22
22	A Grid simulation framework to study advance scheduling strategies for complex workflow applications. , 2010, , .		21
23	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.	2.7	21
24	Adaptive parallel job scheduling with resource admissible allocation on two-level hierarchical grids. Future Generation Computer Systems, 2012, 28, 965-976.	4.9	20
25	CA-DAG: Communication-Aware Directed Acyclic Graphs for Modeling Cloud Computing Applications. , 2013, , .		20
26	Positional Characteristics for Efficient Number Comparison over the Homomorphic Encryption. Programming and Computer Software, 2019, 45, 532-543.	0.5	20
27	Conceptual Model of Problem-oriented Heterogeneous Distributed Computing Environment with Multi-agent Management. Procedia Computer Science, 2017, 103, 162-167.	1.2	19
28	Performance evaluation of secret sharing schemes with data recovery in secured and reliable heterogeneous multi-cloud storage. Cluster Computing, 2019, 22, 1173-1185.	3.5	18
29	Cloud based Video-on-Demand service model ensuring quality of service and scalability. Journal of Network and Computer Applications, 2016, 70, 102-113.	5.8	17
30	Algorithms for dynamic scheduling of unit execution time tasks. European Journal of Operational Research, 2003, 146, 403-416.	3.5	16
31	Idle regulation in non-clairvoyant scheduling of parallel jobs. Discrete Applied Mathematics, 2009, 157, 364-376.	0.5	16
32	Experimental Analysis of Secret Sharing Schemes for Cloud Storage Based on RNS. Communications in Computer and Information Science, 2018, , 370-383.	0.4	16
33	Online Scheduling for Cloud Computing and Different Service Levels. , 2012, , .		14
34	Energy-aware online scheduling: Ensuring quality of service for IaaS clouds. , 2014, , .		14
35	Adaptive Resource Allocation with Job Runtime Uncertainty. Journal of Grid Computing, 2017, 15, 415-434.	2.5	14
36	Characterization, modeling and scheduling of power consumption of scientific computing applications in multicores. Cluster Computing, 2019, 22, 839-859.	3.5	14

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37	Comparison of scheduling heuristics for grid resource broker. , 0, , .		13
38	RNS Number Comparator Based on a Modified Diagonal Function. Electronics (Switzerland), 2020, 9, 1784.	1.8	13
39	Analytic Study of Containerizing Stateful Stream Processing as Microservice to Support Digital Twins in Fog Computing. Programming and Computer Software, 2020, 46, 511-525.	0.5	13
40	Towards Mitigating Uncertainty of Data Security Breaches and Collusion in Cloud Computing. , 2017, , .		11
41	Unfairness Correction in P2P Grids Based on Residue Number System of a Special Form. , 2017, , .		11
42	Micro-Workflows: Kafka and Kepler Fusion to Support Digital Twins of Industrial Processes. , 2018, , .		11
43	WA-RRNS: Reliable Data Storage System Based on Multi-cloud. , 2018, , .		11
44	Adaptive energy efficient distributed VoIP load balancing in federated cloud infrastructure. , 2014, , .		10
45	Multiobjective Workflow Scheduling in a Federation of Heterogeneous Green-Powered Data Centers. , 2016, , .		10
46	Min_c: Heterogeneous concentration policy for energy-aware scheduling of jobs with resource contention. Programming and Computer Software, 2017, 43, 204-215.	0.5	10
47	Simulation modeling in heterogeneous distributed computing environments to support decisions making in warehouse logistics. Procedia Engineering, 2017, 201, 524-533.	1.2	9
48	Visualization of VHDL-based simulations as a pedagogical tool for supporting computer science education. Journal of Computational Science, 2019, 36, 100652.	1.5	9
49	Bi-objective online scheduling with quality of service for IaaS clouds. , 2014, , .		8
50	Knowledge elicitation in multi-agent system for distributed computing management. , 2017, , .		8
51	Congestion game scheduling for virtual drug screening optimization. Journal of Computer-Aided Molecular Design, 2018, 32, 363-374.	1.3	8
52	Parallel multiple sequence alignment with local phylogeny search by simulated annealing. , 2006, , .		7
53	VoIP service model for multi-objective scheduling in cloud infrastructure. International Journal of Metaheuristics, 2015, 4, 185.	0.1	7
54	VoIP Traffic Modelling Using Gaussian Mixture Models, Gaussian Processes and Interactive Particle Algorithms. , 2015, , .		7

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55	Multiobjective Vehicle Type and Size Scheduling Problem in Urban Public Transport Using MOCell. , 2016, , .		7
56	Towards reliable low cost distributed storage in multi-clouds. , 2017, , .		7
57	Hybrid Flow Shop with Unrelated Machines, Setup Time, and Work in Progress Buffers for Bi-Objective Optimization of Tortilla Manufacturing. Algorithms, 2018, 11, 68.	1.2	7
58	A Survey on Privacy-Preserving Machine Learning with Fully Homomorphic Encryption. Communications in Computer and Information Science, 2021, , 115-129.	0.4	7
59	Negotiation Approach for the Participation of Datacenters and Supercomputing Facilities in Smart Electricity Markets. Programming and Computer Software, 2020, 46, 636-651.	0.5	7
60	Biobjective VoIP Service Management in Cloud Infrastructure. Scientific Programming, 2016, 2016, 1-14.	0.5	6
61	Multi-Agent Approach for Dynamic Elasticity of Virtual Machines Provisioning in Heterogeneous Distributed Computing Environment. , 2018, , .		6
62	2Lbp-RRNS: Two-Levels RRNS With Backpropagation for Increased Reliability and Privacy-Preserving of Secure Multi-Clouds Data Storage. IEEE Access, 2020, 8, 199424-199439.	2.6	6
63	Evolutionary Approach for Bus Synchronization. Communications in Computer and Information Science, 2020, , 320-336.	0.4	6
64	RRNS Base Extension Error-Correcting Code for Performance Optimization of Scalable Reliable Distributed Cloud Data Storage. , 2021, , .		6
65	RAML-Based Mock Service Generator for Microservice Applications Testing. Communications in Computer and Information Science, 2017, , 456-467.	0.4	6
66	Comparative Analysis of Virtualization Methods in Big Data Processing. Supercomputing Frontiers and Innovations, 2019, 6, .	0.5	6
67	Mitigating Uncertainty in Developing and Applying Scientific Applications in an Integrated Computing Environment. Programming and Computer Software, 2020, 46, 483-502.	0.5	6
68	A novel multi-objective optimization approach to guarantee quality of service and energy efficiency in a heterogeneous bus fleet system. Engineering Optimization, 2023, 55, 981-997.	1.5	6
69	PuzzleMesh: A puzzle model to build mesh of agnostic services for edge-fog-cloud. IEEE Transactions on Services Computing, 2022, , 1-1.	3.2	6
70	Sequencing by hybridization: an enhanced crossover operator for hybrid genetic algorithm. Journal of Heuristics, 2007, 13, 209-225.	1.1	5
71	Energy efficiency of knowledge-free scheduling in Peer-to-Peer Desktop Grids. , 2012, , .		5
72	Rational approximations principle for frequency shifts measurement in frequency domain sensors. , 2015, , .		5

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73	Multiobjective Optimization of Greenhouse Gas Emissions Enhancing the Quality of Service for Urban Public Transport Timetabling. , 2017, , .		5
74	Adaptive encrypted cloud storage model. , 2018, , .		5
75	Configurable cost-quality optimization of cloud-based VoIP. Journal of Parallel and Distributed Computing, 2019, 133, 319-336.	2.7	5
76	Computational Intelligence for Analysis of Traffic Data. Communications in Computer and Information Science, 2021, , 167-182.	0.4	5
77	An experimental comparison of two approximation algorithms for the shortest common superstring problem. , 0, , .		4
78	Congestion Game Scheduling Implementation for High-Throughput Virtual Drug Screening Using BOINC-Based Desktop Grid. Lecture Notes in Computer Science, 2017, , 480-491.	1.0	4
79	Multiobjective Vehicle-type Scheduling in Urban Public Transport. , 2017, , .		4
80	Security analysis of homomorphic encryption scheme for cloud computing: Known-plaintext attack. , 2018, , .		4
81	Secure Verifiable Secret Short Sharing Scheme for Multi-Cloud Storage. , 2018, , .		4
82	Agent behavior model for distributed computing management in the environment with virtualized resources. , 2018, , .		4
83	Scalable Application for the Search of Global Minima of Multiextremal Functions. Optoelectronics, Instrumentation and Data Processing, 2018, 54, 83-89.	0.2	4
84	Comparative Performance Analysis of Information Dispersal Methods. , 2019, , .		4
85	Towards a Cloud Computing Paradigm for Big Data Analysis in Smart Cities. Proceedings of the Institute for System Programming of RAS, 2016, 28, 121-140.	0.1	4
86	Efficient Number Comparison in the Residue Number System based on Positional Characteristics. Proceedings of the Institute for System Programming of RAS, 2019, 31, 187-202.	0.1	4
87	Parallel Computing for Processing Data from Intelligent Transportation Systems. Communications in Computer and Information Science, 2019, , 266-281.	0.4	4
88	Evolutionary Algorithms for Optimizing Cost and QoS on Cloud-based Content Distribution Networks. Programming and Computer Software, 2019, 45, 544-556.	0.5	4
89	Algorithm for Constructing Modular Projections for Correcting Multiple Errors Based on a Redundant Residue Number System Using Maximum Likelihood Decoding. Programming and Computer Software, 2021, 47, 839-848.	0.5	4
90	Motion estimation using modified dynamic programming. Optical Engineering, 2002, 41, 2592.	0.5	3

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91	Non-Strict Execution in Parallel and Distributed Computing. International Journal of Parallel Programming, 2003, 31, 77-105.	1.1	3
92	Robust cloud VoIP scheduling under VMs startup time delay uncertainty. , 2016, , .		3
93	The Fast Algorithm for Number Comparing in Three-Modular RNS. , 2016, , .		3
94	Multiobjective Energy-Aware Workflow Scheduling in Distributed Datacenters. Communications in Computer and Information Science, 2016, , 79-93.	0.4	3
95	Load-Aware Strategies for Cloud-Based VoIP Optimization with VM Startup Prediction. , 2017, , .		3
96	A Security-Driven Approach to Online Job Scheduling in IaaS Cloud Computing Systems. Lecture Notes in Computer Science, 2018, , 156-165.	1.0	3
97	Energy Consumption and Quality of Service Optimization in Containerized Cloud Computing. , 2018, , .		3
98	PHEFT: Pessimistic Image Processing Workflow Scheduling for DSP Clusters. Algorithms, 2018, 11, 76.	1.2	3
99	Data Reliability and Redundancy Optimization of a Secure Multi-cloud Storage Under Uncertainty of Errors and Falsifications. , 2019, , .		3
100	Bi-objective Analysis of an Adaptive Secure Data Storage in a Multi-cloud. Communications in Computer and Information Science, 2019, , 307-321.	0.4	3
101	Weighted Two-Levels Secret Sharing Scheme for Multi-Clouds Data Storage with Increased Reliability. , 2019, , .		3
102	Active Safety System for Urban Environments with Detecting Harmful Pedestrian Movement Patterns Using Computational Intelligence. Applied Sciences (Switzerland), 2020, 10, 9021.	1.3	3
103	LR-GD-RNS: Enhanced Privacy-Preserving Logistic Regression Algorithms for Secure Deployment in Untrusted Environments. , 2021, , .		3
104	Online Hierarchical Job Scheduling on Grids. , 2008, , 77-91.		3
105	Privacy-Preserving Logistic Regression as a Cloud Service Based on Residue Number System. Communications in Computer and Information Science, 2020, , 598-610.	0.4	3
106	Min_c: heterogeneous concentration policy for power aware scheduling. Proceedings of the Institute for System Programming of RAS, 2015, 27, 355-380.	0.1	3
107	Collaborative Development and Use of Scientific Applications in Orlando Tools: Integration, Delivery, and Deployment. Communications in Computer and Information Science, 2020, , 18-32.	0.4	3
108	Neural network method for base extension in residue number system. , 0, , .		3

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109	An Efficient Method for Comparing Numbers and Determining the Sign of a Number in RNS for Even Ranges. <i>Computation</i> , 2022, 10, 17.	1.0	3
110	Partial evaluation technique for distributed image processing. <i>Pattern Recognition and Image Analysis</i> , 2007, 17, 390-398.	0.6	2
111	Analysis of secured distributed cloud data storage based on multilevel RNS. , 2018, , .		2
112	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.	0.4	2
113	The Accuracy Estimation of the Interval-Positional Characteristic in Residue Number System. , 2019, , .		2
114	Cost-Efficient Strategy in Clouds with Spot Price Uncertainty. <i>Automation and Remote Control</i> , 2020, 81, 731-745.	0.4	2
115	Penalty Scheduling Policy Applying User Estimates and Aging for Supercomputing Centers. <i>Communications in Computer and Information Science</i> , 2017, , 49-60.	0.4	2
116	Power Consumption Characterization of Synthetic Benchmarks in Multicores. <i>Communications in Computer and Information Science</i> , 2018, , 21-37.	0.4	2
117	Increasing reliability and fault tolerance of a secure distributed cloud storage. , 0, , .		2
118	Multi-objective Optimization of Vehicle Routing with Environmental Penalty. <i>Communications in Computer and Information Science</i> , 2019, , 147-162.	0.4	2
119	Multi-objective Configuration of a Secured Distributed Cloud Data Storage. <i>Communications in Computer and Information Science</i> , 2020, , 78-93.	0.4	2
120	Computationally secure threshold secret sharing scheme with minimal redundancy. , 0, , .		2
121	Toward digital twins' workload allocation on clouds with low-cost microservices streaming interaction. , 2020, , .		2
122	Multiple Error Correction in Redundant Residue Number Systems: A Modified Modular Projection Method with Maximum Likelihood Decoding. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 463.	1.3	2
123	Improved Modular Division Implementation with the Akushsky Core Function. <i>Computation</i> , 2022, 10, 9.	1.0	2
124	Towards the Sign Function Best Approximation for Secure Outsourced Computations and Control. <i>Mathematics</i> , 2022, 10, 2006.	1.1	2
125	Extraction and optimization of the implicit program parallelism by dynamic partial evaluation. , 0, , .		1
126	Continuous mode changes in mechatronic systems. , 0, , .		1

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127	Hybrid Flowshop with Unrelated Machines, Sequence Dependent Setup Time and Availability Constraints: An Enhanced Crossover Operator for a Genetic Algorithm. , 2007, , 608-617.		1
128	An Approach for the Performance Evaluation of Multi-tier Cloud Applications. , 2015, , .		1
129	Virtual Machine Planning for Cloud Brokering Considering Geolocation and Data Transfer. , 2016, , .		1
130	Energy-Aware Scheduling with Computing and Data Consolidation Balance in 3-Tier Data Center. , 2016, , .		1
131	A VHDL-Based Modeling of Network Interface Card Buffers: Design and Teaching Methodology. Communications in Computer and Information Science, 2016, , 250-273.	0.4	1
132	Graph Partitioning for FEM Applications: Reducing the Communication Volume with DSHEM. , 2019, , .		1
133	A Scalable Parallel Computing Framework for Large-Scale Astrophysical Fluid Dynamics Numerical Simulation. , 2019, , .		1
134	Mitigating Uncertainty in Developing Scientific Applications in Integrated Environment. Proceedings of the Institute for System Programming of RAS, 2021, 33, 151-172.	0.1	1
135	Micro-Workflows Data Stream Processing Model for Industrial Internet of Things. Supercomputing Frontiers and Innovations, 2021, 8, .	0.5	1
136	Agent-based approach to hybrid modeling queuing systems. , 0, , .		1
137	Towards Optimizing Cloud Computing Using Residue Number System. Journal of Physics: Conference Series, 2021, 1715, 012052.	0.3	1
138	Lightweight Computation to Robust Cloud Infrastructure for Future Technologies (Workshop Paper). Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 3-11.	0.2	1
139	Scheduling Algorithms for Distributed Cosmic Ray Detection Using Apache Mesos. Communications in Computer and Information Science, 2017, , 359-373.	0.4	1
140	Toolkit for simulation modeling of queue systems in Grid. , 0, , .		1
141	Budget and Cost-Aware Resources Selection Strategy in Cloud Computing Environments. Communications in Computer and Information Science, 2019, , 667-677.	0.4	1
142	Soft computing methods for design and optimization of cloud-based Content Distribution Networks. Proceedings of the Institute for System Programming of RAS, 2019, 31, 15-20.	0.1	1
143	Overview of Fog Computing Organization Technologies. Bulletin of the South Ural State University Series Computational Mathematics and Software Engineering, 2020, 9, .	0.6	1
144	Experimental Evaluation of Homomorphic Comparison Methods. , 2020, , .		1

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145	Improving Reliability for Provisioning of Virtual Machines in Desktop Clouds. Lecture Notes in Computer Science, 2020, , 669-680.	1.0	1
146	Homomorphic Comparison Methods: Technologies, Challenges, and Opportunities. , 2020, , .		1
147	Improvement of the Approximate Method for the Comparison Operation in the RNS. , 2020, , .		1
148	Dynamic performanceâ€“Energy tradeoff consolidation with contention-aware resource provisioning in containerized clouds. PLoS ONE, 2022, 17, e0261856.	1.1	1
149	En-AR-PRNS: Entropy-Based Reliability for Configurable and Scalable Distributed Storage Systems. Mathematics, 2022, 10, 84.	1.1	1
150	Refactoring the Monolith Workflow into Independent Micro-Workflows to Support Stream Processing. Programming and Computer Software, 2021, 47, 591-600.	0.5	1
151	Autonomous Swarm of Low-Cost Commercial Unmanned Aerial Vehicles for Surveillance. Programming and Computer Software, 2021, 47, 558-577.	0.5	1
152	<title>Fuzzy recognition of noncompact musical objects</title>. , 1997, , .		0
153	Genetic Algorithm Calibration for Two Objective Scheduling Parallel Jobs on Hierarchical Grids. Lecture Notes in Computer Science, 2012, , 61-70.	1.0	0
154	Message from the BusinessClouds 2014 Workshop Chairs. , 2014, , .		0
155	Dynamic Communication-Aware Scheduling with Uncertainty of Workflow Applications in Clouds. Communications in Computer and Information Science, 2016, , 169-187.	0.4	0
156	Fast modular multiplication execution in residue number system. , 2016, , .		0
157	RoC Prediction for Bi-Objective Cost-QoS Optimization of Cloud VoIP Call Allocations. , 2017, , .		0
158	Bi-objective Heterogeneous Consolidation in Cloud Computing. Communications in Computer and Information Science, 2018, , 384-398.	0.4	0
159	Dataflow Adapter: A Tool for Integrating Legacy Applications into Distributed Stream Processing. , 2018, , .		0
160	Hybrid algorithms for 3-SAT optimisation using MapReduce on clouds. International Journal of Innovative Computing and Applications, 2018, 9, 44.	0.2	0
161	A Customized Evacuation Route Planning Algorithm for Highly Risky Smart Cities. , 2019, , .		0
162	Stateful Stream Processing Containerized as Microservice to Support Digital Twins in Fog Computing. Proceedings of the Institute for System Programming of RAS, 2021, 33, 65-80.	0.1	0

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163	Smart grid demand response strategies for datacenters. Proceedings of the Institute for System Programming of RAS, 2021, 33, 125-136.	0.1	0
164	Affinity multiprocessor scheduling considering communications and synchronizations using a Multiobjective Iterated Local Search algorithm. , 0, , .		0
165	Multiobjective evolutionary flight planning of autonomous unmanned aerial vehicles for exploration and surveillance. , 0, , .		0
166	Cryptographic Primitives Optimization Based on the Concepts of the Residue Number System and Finite Ring Neural Network. Communications in Computer and Information Science, 2021, , 241-253.	0.4	0
167	Non-strict Evaluation of the FFT Algorithm in Distributed Memory Systems. Lecture Notes in Computer Science, 2003, , 188-195.	1.0	0
168	Online Scheduling of Multiprocessor Jobs with Idle Regulation. Lecture Notes in Computer Science, 2004, , 131-144.	1.0	0
169	Topic 3: Scheduling and Load Balancing. Lecture Notes in Computer Science, 2013, , 65-65.	1.0	0
170	Comparative Analysis of Frameworks for the Performance Evaluation of Multi-tier Cloud Applications. Proceedings of the Institute for System Programming of RAS, 2015, 27, 199-224.	0.1	0
171	Editorial: Special Issue on «Advanced Computing: from Theory to Practice». Proceedings of the Institute for System Programming of RAS, 2019, 31, 7-14.	0.1	0
172	ETL Processing in Business Intelligence Projects for Public Transportation Systems. Communications in Computer and Information Science, 2019, , 42-50.	0.4	0
173	Public Transportation System Real-Time Re-organization Due to Civil Protection Events. Communications in Computer and Information Science, 2019, , 127-136.	0.4	0
174	Multi-objective Evolutive Multi-thread Path-Planning Algorithm Considering Real-Time Extreme Weather Events. Communications in Computer and Information Science, 2019, , 137-146.	0.4	0
175	Editorial: Collaborative Computing for Data-Driven Systems. Mobile Networks and Applications, 2020, 25, 1348-1350.	2.2	0
176	A Machine Learning Approach for Detecting Traffic Incidents from Video Cameras. Communications in Computer and Information Science, 2022, , 162-177.	0.4	0
177	Optimization of Neural Network Training for Image Recognition Based on Trigonometric Polynomial Approximation. Programming and Computer Software, 2021, 47, 830-838.	0.5	0
178	Algorithms for Planning on Computational Model with Redundancy and Uncertainty. Programming and Computer Software, 2021, 47, 601-614.	0.5	0