

Andrey Tchernykh

List of Publications by Year in descending order

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Version: 2024-02-01

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	A novel multi-objective optimization approach to guarantee quality of service and energy efficiency in a heterogeneous bus fleet system. <i>Engineering Optimization</i> , 2023, 55, 981-997.	1.5	6
2	Dynamic performanceâ€“Energy tradeoff consolidation with contention-aware resource provisioning in containerized clouds. <i>PLoS ONE</i> , 2022, 17, e0261856.	1.1	1
3	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
4	Improved Modular Division Implementation with the Akushsky Core Function. <i>Computation</i> , 2022, 10, 9.	1.0	2
5	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
6	A Machine Learning Approach for Detecting Traffic Incidents from Video Cameras. <i>Communications in Computer and Information Science</i> , 2022, , 162-177.	0.4	0
7	En-AR-PRNS: Entropy-Based Reliability for Configurable and Scalable Distributed Storage Systems. <i>Mathematics</i> , 2022, 10, 84.	1.1	1
8	PuzzleMesh: A puzzle model to build mesh of agnostic services for edge-fog-cloud. <i>IEEE Transactions on Services Computing</i> , 2022, , 1-1.	3.2	6
9	Towards the Sign Function Best Approximation for Secure Outsourced Computations and Control. <i>Mathematics</i> , 2022, 10, 2006.	1.1	2
10	Computational Intelligence for Analysis of Traffic Data. <i>Communications in Computer and Information Science</i> , 2021, , 167-182.	0.4	5
11	Stateful Stream Processing Containerized as Microservice to Support Digital Twins in Fog Computing. <i>Proceedings of the Institute for System Programming of RAS</i> , 2021, 33, 65-80.	0.1	0
12	Mitigating Uncertainty in Developing Scientific Applications in Integrated Environment. <i>Proceedings of the Institute for System Programming of RAS</i> , 2021, 33, 151-172.	0.1	1
13	Smart grid demand response strategies for datacenters. <i>Proceedings of the Institute for System Programming of RAS</i> , 2021, 33, 125-136.	0.1	0
14	Privacy-preserving neural networks with Homomorphic encryption: Challenges and opportunities. <i>Peer-to-Peer Networking and Applications</i> , 2021, 14, 1666-1691.	2.6	45
15	Micro-Workflows Data Stream Processing Model for Industrial Internet of Things. <i>Supercomputing Frontiers and Innovations</i> , 2021, 8, .	0.5	1
16	LR-GD-RNS: Enhanced Privacy-Preserving Logistic Regression Algorithms for Secure Deployment in Untrusted Environments. , 2021, , .		3
17	RRNS Base Extension Error-Correcting Code for Performance Optimization of Scalable Reliable Distributed Cloud Data Storage. , 2021, , .		6
18	Cryptographic Primitives Optimization Based on the Concepts of the Residue Number System and Finite Ring Neural Network. <i>Communications in Computer and Information Science</i> , 2021, , 241-253.	0.4	0

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19	A Survey on Privacy-Preserving Machine Learning with Fully Homomorphic Encryption. Communications in Computer and Information Science, 2021, , 115-129.	0.4	7
20	Towards Optimizing Cloud Computing Using Residue Number System. Journal of Physics: Conference Series, 2021, 1715, 012052.	0.3	1
21	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
22	Optimization of Neural Network Training for Image Recognition Based on Trigonometric Polynomial Approximation. Programming and Computer Software, 2021, 47, 830-838.	0.5	0
23	Refactoring the Monolith Workflow into Independent Micro-Workflows to Support Stream Processing. Programming and Computer Software, 2021, 47, 591-600.	0.5	1
24	Autonomous Swarm of Low-Cost Commercial Unmanned Aerial Vehicles for Surveillance. Programming and Computer Software, 2021, 47, 558-577.	0.5	1
25	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
26	Algorithms for Planning on Computational Model with Redundancy and Uncertainty. Programming and Computer Software, 2021, 47, 601-614.	0.5	0
27	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
28	Active Safety System for Urban Environments with Detecting Harmful Pedestrian Movement Patterns Using Computational Intelligence. Applied Sciences (Switzerland), 2020, 10, 9021.	1.3	3
29	RNS Number Comparator Based on a Modified Diagonal Function. Electronics (Switzerland), 2020, 9, 1784.	1.8	13
30	Evolutionary Approach for Bus Synchronization. Communications in Computer and Information Science, 2020, , 320-336.	0.4	6
31	Cost-Efficient Strategy in Clouds with Spot Price Uncertainty. Automation and Remote Control, 2020, 81, 731-745.	0.4	2
32	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
33	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
34	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
35	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
36	Editorial: Collaborative Computing for Data-Driven Systems. Mobile Networks and Applications, 2020, 25, 1348-1350.	2.2	0

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37	Overview of Fog Computing Organization Technologies. Bulletin of the South Ural State University Series Computational Mathematics and Software Engineering, 2020, 9, .	0.6	1
38	Mitigating Uncertainty in Developing and Applying Scientific Applications in an Integrated Computing Environment. Programming and Computer Software, 2020, 46, 483-502.	0.5	6
39	Experimental Evaluation of Homomorphic Comparison Methods. , 2020, , .		1
40	Improving Reliability for Provisioning of Virtual Machines in Desktop Clouds. Lecture Notes in Computer Science, 2020, , 669-680.	1.0	1
41	Multi-objective Configuration of a Secured Distributed Cloud Data Storage. Communications in Computer and Information Science, 2020, , 78-93.	0.4	2
42	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
43	Homomorphic Comparison Methods: Technologies, Challenges, and Opportunities. , 2020, , .		1
44	Improvement of the Approximate Method for the Comparison Operation in the RNS. , 2020, , .		1
45	Toward digital twins' workload allocation on clouds with low-cost microservices streaming interaction. , 2020, , .		2
46	Configurable cost-quality optimization of cloud-based VoIP. Journal of Parallel and Distributed Computing, 2019, 133, 319-336.	2.7	5
47	Data Reliability and Redundancy Optimization of a Secure Multi-cloud Storage Under Uncertainty of Errors and Falsifications. , 2019, , .		3
48	Comparative Performance Analysis of Information Dispersal Methods. , 2019, , .		4
49	Orlando Tools: Development, Training, and Use of Scalable Applications in Heterogeneous Distributed Computing Environments. Communications in Computer and Information Science, 2019, , 265-279.	0.4	2
50	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
51	A Customized Evacuation Route Planning Algorithm for Highly Risky Smart Cities. , 2019, , .		0
52	Weighted Two-Levels Secret Sharing Scheme for Multi-Clouds Data Storage with Increased Reliability. , 2019, , .		3
53	Graph Partitioning for FEM Applications: Reducing the Communication Volume with DSHEM. , 2019, , .		1
54	The Accuracy Estimation of the Interval-Positional Characteristic in Residue Number System. , 2019, , .		2

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55	Stateful Stream Processing for Digital Twins: Microservice-Based Kafka Stream DSL , 2019, , .		22
56	A Scalable Parallel Computing Framework for Large-Scale Astrophysical Fluid Dynamics Numerical Simulation. , 2019, , .		1
57	Positional Characteristics for Efficient Number Comparison over the Homomorphic Encryption. Programming and Computer Software, 2019, 45, 532-543.	0.5	20
58	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
59	Characterization, modeling and scheduling of power consumption of scientific computing applications in multicores. Cluster Computing, 2019, 22, 839-859.	3.5	14
60	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
61	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
62	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
63	Visualization of VHDL-based simulations as a pedagogical tool for supporting computer science education. Journal of Computational Science, 2019, 36, 100652.	1.5	9
64	Towards understanding uncertainty in cloud computing with risks of confidentiality, integrity, and availability. Journal of Computational Science, 2019, 36, 100581.	1.5	97
65	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
66	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
67	Editorial: Special Issue on Â«Advanced Computing: from Theory to PracticeÂ». Proceedings of the Institute for System Programming of RAS, 2019, 31, 7-14.	0.1	0
68	Budget and Cost-Aware Resources Selection Strategy in Cloud Computing Environments. Communications in Computer and Information Science, 2019, , 667-677.	0.4	1
69	ETL Processing in Business Intelligence Projects for Public Transportation Systems. Communications in Computer and Information Science, 2019, , 42-50.	0.4	0
70	Public Transportation System Real-Time Re-organization Due to Civil Protection Events. Communications in Computer and Information Science, 2019, , 127-136.	0.4	0
71	Parallel Computing for Processing Data from Intelligent Transportation Systems. Communications in Computer and Information Science, 2019, , 266-281.	0.4	4
72	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

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73	Multi-objective Optimization of Vehicle Routing with Environmental Penalty. Communications in Computer and Information Science, 2019, , 147-162.	0.4	2
74	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
75	Comparative Analysis of Virtualization Methods in Big Data Processing. Supercomputing Frontiers and Innovations, 2019, 6, .	0.5	6
76	Evolutionary Algorithms for Optimizing Cost and QoS on Cloud-based Content Distribution Networks. Programming and Computer Software, 2019, 45, 544-556.	0.5	4
77	Bi-objective Heterogeneous Consolidation in Cloud Computing. Communications in Computer and Information Science, 2018, , 384-398.	0.4	0
78	Congestion game scheduling for virtual drug screening optimization. Journal of Computer-Aided Molecular Design, 2018, 32, 363-374.	1.3	8
79	Experimental Analysis of Secret Sharing Schemes for Cloud Storage Based on RNS. Communications in Computer and Information Science, 2018, , 370-383.	0.4	16
80	Analysis of secured distributed cloud data storage based on multilevel RNS. , 2018, , .		2
81	A Security-Driven Approach to Online Job Scheduling in IaaS Cloud Computing Systems. Lecture Notes in Computer Science, 2018, , 156-165.	1.0	3
82	Adaptive encrypted cloud storage model. , 2018, , .		5
83	Security analysis of homomorphic encryption scheme for cloud computing: Known-plaintext attack. , 2018, , .		4
84	Energy Consumption and Quality of Service Optimization in Containerized Cloud Computing. , 2018, , .		3
85	Dataflow Adapter: A Tool for Integrating Legacy Applications into Distributed Stream Processing. , 2018, , .		0
86	Analysis of Mobility Patterns for Public Transportation and Bus Stops Relocation. Programming and Computer Software, 2018, 44, 508-525.	0.5	22
87	Multi-Agent Approach for Dynamic Elasticity of Virtual Machines Provisioning in Heterogeneous Distributed Computing Environment. , 2018, , .		6
88	Hybrid algorithms for 3-SAT optimisation using MapReduce on clouds. International Journal of Innovative Computing and Applications, 2018, 9, 44.	0.2	0
89	Micro-Workflows: Kafka and Kepler Fusion to Support Digital Twins of Industrial Processes. , 2018, , .		11
90	Secure Verifiable Secret Short Sharing Scheme for Multi-Cloud Storage. , 2018, , .		4

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91	WA-RRNS: Reliable Data Storage System Based on Multi-cloud. , 2018, , .		11
92	AC-RRNS: Anti-collusion secured data sharing scheme for cloud storage. International Journal of Approximate Reasoning, 2018, 102, 60-73.	1.9	37
93	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
94	PHEFT: Pessimistic Image Processing Workflow Scheduling for DSP Clusters. Algorithms, 2018, 11, 76.	1.2	3
95	Agent behavior model for distributed computing management in the environment with virtualized resources. , 2018, , .		4
96	Scalable Application for the Search of Global Minima of Multiextremal Functions. Optoelectronics, Instrumentation and Data Processing, 2018, 54, 83-89.	0.2	4
97	Towards a Cloud Computing Paradigm for Big Data Analysis in Smart Cities. Programming and Computer Software, 2018, 44, 181-189.	0.5	43
98	Power Consumption Characterization of Synthetic Benchmarks in Multicores. Communications in Computer and Information Science, 2018, , 21-37.	0.4	2
99	Conceptual Model of Problem-oriented Heterogeneous Distributed Computing Environment with Multi-agent Management. Procedia Computer Science, 2017, 103, 162-167.	1.2	19
100	Towards Mitigating Uncertainty of Data Security Breaches and Collusion in Cloud Computing. , 2017, , .		11
101	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
102	Knowledge elicitation in multi-agent system for distributed computing management. , 2017, , .		8
103	Towards reliable low cost distributed storage in multi-clouds. , 2017, , .		7
104	Towards Digital Twins Cloud Platform. , 2017, , .		41
105	Simulation modeling in heterogeneous distributed computing environments to support decisions making in warehouse logistics. Procedia Engineering, 2017, 201, 524-533.	1.2	9
106	Multiobjective Vehicle-type Scheduling in Urban Public Transport. , 2017, , .		4
107	Load-Aware Strategies for Cloud-Based VoIP Optimization with VM Startup Prediction. , 2017, , .		3
108	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

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109	Multiobjective Optimization of Greenhouse Gas Emissions Enhancing the Quality of Service for Urban Public Transport Timetabling. , 2017, , .		5
110	Unfairness Correction in P2P Grids Based on Residue Number System of a Special Form. , 2017, , .		11
111	RoC Prediction for Bi-Objective Cost-QoS Optimization of Cloud VoIP Call Allocations. , 2017, , .		0
112	Adaptive Resource Allocation with Job Runtime Uncertainty. Journal of Grid Computing, 2017, 15, 415-434.	2.5	14
113	Scheduling Algorithms for Distributed Cosmic Ray Detection Using Apache Mesos. Communications in Computer and Information Science, 2017, , 359-373.	0.4	1
114	Penalty Scheduling Policy Applying User Estimates and Aging for Supercomputing Centers. Communications in Computer and Information Science, 2017, , 49-60.	0.4	2
115	RAML-Based Mock Service Generator for Microservice Applications Testing. Communications in Computer and Information Science, 2017, , 456-467.	0.4	6
116	Biobjective VoIP Service Management in Cloud Infrastructure. Scientific Programming, 2016, 2016, 1-14.	0.5	6
117	Robust cloud VoIP scheduling under VMs startup time delay uncertainty. , 2016, , .		3
118	Multiobjective Workflow Scheduling in a Federation of Heterogeneous Green-Powered Data Centers. , 2016, , .		10
119	Virtual Machine Planning for Cloud Brokering Considering Geolocation and Data Transfer. , 2016, , .		1
120	The Fast Algorithm for Number Comparing in Three-Modular RNS. , 2016, , .		3
121	Energy-Aware Scheduling with Computing and Data Consolidation Balance in 3-Tier Data Center. , 2016, , .		1
122	Multiobjective Vehicle Type and Size Scheduling Problem in Urban Public Transport Using MOCeLL. , 2016, , .		7
123	Data transferring model determination in robotic group. Robotics and Autonomous Systems, 2016, 83, 251-260.	3.0	59
124	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
125	Online Bi-Objective Scheduling for IaaS Clouds Ensuring Quality of Service. Journal of Grid Computing, 2016, 14, 5-22.	2.5	39
126	Multiobjective Energy-Aware Workflow Scheduling in Distributed Datacenters. Communications in Computer and Information Science, 2016, , 79-93.	0.4	3

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127	Dynamic Communication-Aware Scheduling with Uncertainty of Workflow Applications in Clouds. Communications in Computer and Information Science, 2016, , 169-187.	0.4	0
128	Fast modular multiplication execution in residue number system. , 2016, , .		0
129	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
130	CA-DAG: Modeling Communication-Aware Applications for Scheduling in Cloud Computing. Journal of Grid Computing, 2016, 14, 23-39.	2.5	67
131	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
132	VoIP service model for multi-objective scheduling in cloud infrastructure. International Journal of Metaheuristics, 2015, 4, 185.	0.1	7
133	Rational approximations principle for frequency shifts measurement in frequency domain sensors. , 2015, , .		5
134	An Approach for the Performance Evaluation of Multi-tier Cloud Applications. , 2015, , .		1
135	VoIP Traffic Modelling Using Gaussian Mixture Models, Gaussian Processes and Interactive Particle Algorithms. , 2015, , .		7
136	Towards Understanding Uncertainty in Cloud Computing Resource Provisioning. Procedia Computer Science, 2015, 51, 1772-1781.	1.2	79
137	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
138	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
139	Message from the BusinessClouds 2014 Workshop Chairs. , 2014, , .		0
140	Adaptive energy efficient distributed VoIP load balancing in federated cloud infrastructure. , 2014, , .		10
141	Adaptive energy efficient scheduling in Peer-to-Peer desktop grids. Future Generation Computer Systems, 2014, 36, 209-220.	4.9	30
142	Energy-aware online scheduling: Ensuring quality of service for IaaS clouds. , 2014, , .		14
143	Bi-objective online scheduling with quality of service for IaaS clouds. , 2014, , .		8
144	CA-DAG: Communication-Aware Directed Acyclic Graphs for Modeling Cloud Computing Applications. , 2013, , .		20

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145	Topic 3: Scheduling and Load Balancing. Lecture Notes in Computer Science, 2013, , 65-65.	1.0	0
146	Energy efficiency of knowledge-free scheduling in Peer-to-Peer Desktop Grids. , 2012, , .		5
147	Online Scheduling for Cloud Computing and Different Service Levels. , 2012, , .		14
148	Genetic Algorithm Calibration for Two Objective Scheduling Parallel Jobs on Hierarchical Grids. Lecture Notes in Computer Science, 2012, , 61-70.	1.0	0
149	Multiple Workflow Scheduling Strategies with User Run Time Estimates on a Grid. Journal of Grid Computing, 2012, 10, 325-346.	2.5	68
150	Adaptive parallel job scheduling with resource admissible allocation on two-level hierarchical grids. Future Generation Computer Systems, 2012, 28, 965-976.	4.9	20
151	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
152	On-line hierarchical job scheduling on grids with admissible allocation. Journal of Scheduling, 2010, 13, 545-552.	1.3	38
153	A Grid simulation framework to study advance scheduling strategies for complex workflow applications. , 2010, , .		21
154	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
155	Idle regulation in non-clairvoyant scheduling of parallel jobs. Discrete Applied Mathematics, 2009, 157, 364-376.	0.5	16
156	Online scheduling in grids. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	45
157	Online Hierarchical Job Scheduling on Grids. , 2008, , 77-91.		3
158	Partial evaluation technique for distributed image processing. Pattern Recognition and Image Analysis, 2007, 17, 390-398.	0.6	2
159	Sequencing by hybridization: an enhanced crossover operator for hybrid genetic algorithm. Journal of Heuristics, 2007, 13, 209-225.	1.1	5
160	Hybrid Flowshop with Unrelated Machines, Sequence Dependent Setup Time and Availability Constraints: An Enhanced Crossover Operator for a Genetic Algorithm. , 2007, , 608-617.		1
161	Parallel multiple sequence alignment with local phylogeny search by simulated annealing. , 2006, , .		7
162	Online Scheduling of Multiprocessor Jobs with Idle Regulation. Lecture Notes in Computer Science, 2004, , 131-144.	1.0	0

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163	Non-Strict Execution in Parallel and Distributed Computing. International Journal of Parallel Programming, 2003, 31, 77-105.	1.1	3
164	Algorithms for dynamic scheduling of unit execution time tasks. European Journal of Operational Research, 2003, 146, 403-416.	3.5	16
165	Non-strict Evaluation of the FFT Algorithm in Distributed Memory Systems. Lecture Notes in Computer Science, 2003, , 188-195.	1.0	0
166	Motion estimation using modified dynamic programming. Optical Engineering, 2002, 41, 2592.	0.5	3
167	<title>Fuzzy recognition of noncompact musical objects</title>. , 1997, , .		0
168	Extraction and optimization of the implicit program parallelism by dynamic partial evaluation. , 0, , .		1
169	Continuous mode changes in mechatronic systems. , 0, , .		1
170	Comparison of scheduling heuristics for grid resource broker. , 0, , .		13
171	An experimental comparison of two approximation algorithms for the shortest common superstring problem. , 0, , .		4
172	Affinity multiprocessor scheduling considering communications and synchronizations using a Multiobjective Iterated Local Search algorithm. , 0, , .		0
173	Agent-based approach to hybrid modeling queuing systems. , 0, , .		1
174	Multiobjective evolutionary flight planning of autonomous unmanned aerial vehicles for exploration and surveillance. , 0, , .		0
175	Toolkit for simulation modeling of queue systems in Grid. , 0, , .		1
176	Increasing reliability and fault tolerance of a secure distributed cloud storage. , 0, , .		2
177	Computationally secure threshold secret sharing scheme with minimal redundancy. , 0, , .		2
178	Neural network method for base extension in residue number system. , 0, , .		3