

Keqin Li

List of Publications by Year in descending order

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463
papers

12,594
citations

26610

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465
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465
times ranked

8378
citing authors

#	ARTICLE	IF	CITATIONS
1	System-Level Energy-Aware Design Methodology Towards End-To-End Response Time Optimization. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2024, , 1-1.	1.9	11
2	Energy-Efficient Functional Safety Design Methodology Using ASIL Decomposition for Automotive Cyber-Physical Systems. IEEE Transactions on Reliability, 2024, , 1-23.	3.5	8
3	Computation Offloading Strategy Optimization with Multiple Heterogeneous Servers in Mobile Edge Computing. IEEE Transactions on Sustainable Computing, 2024, , 1-1.	2.2	45
4	COOPER-SCHED: A Cooperative Scheduling Framework for Mobile Edge Computing with Expected Deadline Guarantee. IEEE Transactions on Parallel and Distributed Systems, 2024, , 1-1.	4.0	17
5	Distributed Deep Learning Model for Intelligent Video Surveillance Systems with Edge Computing. IEEE Transactions on Industrial Informatics, 2024, , 1-1.	7.2	113
6	Distributed Conditional Gradient Online Learning for IoT Optimization. IEEE Internet of Things Journal, 2024, , 1-1.	5.5	27
7	Local Sample-Weighted Multiple Kernel Clustering With Consensus Discriminative Graph. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1721-1734.	7.2	9
8	Efficient Influential Community Search in Large Uncertain Graphs. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3779-3793.	4.0	8
9	A Reversible Watermarking for 2D Engineering Graphics Based on Difference Expansion With Adaptive Interval Partitioning. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 1867-1881.	3.7	1
10	A Cost-Driven Top-K Queries Optimization Approach on Federated RDF Systems. IEEE Transactions on Big Data, 2023, 9, 665-676.	4.4	2
11	Spatial-Temporal Aware Inductive Graph Neural Network for C-ITS Data Recovery. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 8431-8442.	4.7	50
12	An Online and Scalable Model for Generalized Sparse Nonnegative Matrix Factorization in Industrial Applications on Multi-GPU. IEEE Transactions on Industrial Informatics, 2022, 18, 437-447.	7.2	24
13	Adams's Bashforth-Type Discrete-Time Zeroing Neural Networks Solving Time-Varying Complex Sylvester Equation With Enhanced Robustness. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3287-3298.	5.9	4
14	An Adaptive Energy-Aware Stochastic Task Execution Algorithm in Virtualized Networked Datacenters. IEEE Transactions on Sustainable Computing, 2022, 7, 371-385.	2.2	4
15	STT-MRAM-Based Reliable Weak PUF. IEEE Transactions on Computers, 2022, 71, 1564-1574.	2.4	6
16	Angular bisector insertion algorithm for solving small-scale symmetric and asymmetric traveling salesman problem. Journal of Combinatorial Optimization, 2022, 43, 235-252.	0.8	0
17	Task migration computation offloading with low delay for mobile edge computing in vehicular networks. Concurrency Computation Practice and Experience, 2022, 34, e6494.	1.4	8
18	Distributed and individualized computation offloading optimization in a fog computing environment. Journal of Parallel and Distributed Computing, 2022, 159, 24-34.	2.7	7

#	ARTICLE	IF	CITATIONS
19	Region-to-boundary deep learning model with multi-scale feature fusion for medical image segmentation. Biomedical Signal Processing and Control, 2022, 71, 103165.	3.5	44
20	Efficient Distributed Approaches to Core Maintenance on Large Dynamic Graphs. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 129-143.	4.0	23
21	A Survey of Low-Energy Parallel Scheduling Algorithms. IEEE Transactions on Sustainable Computing, 2022, 7, 27-46.	2.2	24
22	A Potential Game Theoretic Approach to Computation Offloading Strategy Optimization in End-Edge-Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1503-1519.	4.0	52
23	On Generalized Zeroing Neural Network Under Discrete and Distributed Time Delays and Its Application to Dynamic Lyapunov Equation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5114-5126.	5.9	7
24	A Survey on Applications of Artificial Intelligence in Fighting Against COVID-19. ACM Computing Surveys, 2022, 54, 1-32.	16.1	55
25	Profit Maximization in a Federated Cloud by Optimal Workload Management and Server Speed Setting. IEEE Transactions on Sustainable Computing, 2022, 7, 668-680.	2.2	5
26	Min-Max Cost Optimization for Efficient Hierarchical Federated Learning in Wireless Edge Networks. IEEE Transactions on Parallel and Distributed Systems, 2022, , 1-1.	4.0	54
27	HEA-PAS: A hybrid energy allocation strategy for parallel applications scheduling on heterogeneous computing systems. Journal of Systems Architecture, 2022, 122, 102329.	2.5	8
28	Response time and energy consumption co-offloading with SLRTA algorithm in cloud-edge collaborative computing. Future Generation Computer Systems, 2022, 129, 64-76.	4.9	9
29	Multiobjective Optimization for Joint Task Offloading, Power Assignment, and Resource Allocation in Mobile Edge Computing. IEEE Internet of Things Journal, 2022, 9, 11737-11748.	5.5	20
30	Cost-Efficient Server Configuration and Placement for Mobile Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2198-2212.	4.0	14
31	Non-clairvoyant and randomised online task offloading in mobile edge computing. International Journal of Parallel, Emergent and Distributed Systems, 2022, 37, 413-424.	0.7	1
32	Reliability/Performance-Aware Scheduling for Parallel Applications With Energy Constraints on Heterogeneous Computing Systems. IEEE Transactions on Sustainable Computing, 2022, 7, 681-695.	2.2	1
33	Shape and boundary-aware multi-branch model for semi-supervised medical image segmentation. Computers in Biology and Medicine, 2022, 143, 105252.	3.9	9
34	A multi-output prediction model for physical machine resource usage in cloud data centers. Future Generation Computer Systems, 2022, 130, 292-306.	4.9	7
35	Cross-modal image-text search via Efficient Discrete Class Alignment Hashing. Information Processing and Management, 2022, 59, 102886.	5.4	11
36	DAS-Net: A lung nodule segmentation method based on adaptive dual-branch attention and shadow mapping. Applied Intelligence, 2022, 52, 15617-15631.	3.3	8

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37	Edge Constraint and Location Mapping for Liver Tumor Segmentation from Nonenhanced Images. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-15.	0.7	0
38	Mobility-Aware and Code-Oriented Partitioning Computation Offloading in Multi-Access Edge Computing. Journal of Grid Computing, 2022, 20, 1.	2.5	9
39	Stochastic Client Selection for Federated Learning With Volatile Clients. IEEE Internet of Things Journal, 2022, 9, 20055-20070.	5.5	30
40	Dynamic Energy-Saving Offloading Strategy Guided by Lyapunov Optimization for IoT Devices. IEEE Internet of Things Journal, 2022, 9, 19903-19915.	5.5	13
41	Deadline and Reliability Aware Multiserver Configuration Optimization for Maximizing Profit. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 3772-3786.	4.0	3
42	An efficient and access policy-hiding keyword search and data sharing scheme in cloud-assisted IoT. Journal of Systems Architecture, 2022, 128, 102533.	2.5	6
43	AccTFM: An Effective Intra-Layer Model Parallelization Strategy for Training Large-Scale Transformer-Based Models. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 4326-4338.	4.0	1
44	HMGOWM: A Hybrid Decision Mechanism for Automating Migration of Virtual Machines. IEEE Transactions on Services Computing, 2021, 14, 1397-1410.	3.2	13
45	Variation-Aware Cloud Service Selection via Collaborative QoS Prediction. IEEE Transactions on Services Computing, 2021, 14, 1954-1969.	3.2	16
46	A Game-Based Price Bidding Algorithm for Multi-Attribute Cloud Resource Provision. IEEE Transactions on Services Computing, 2021, 14, 1111-1122.	3.2	23
47	A New Service Mechanism for Profit Optimizations of a Cloud Provider and Its Users. IEEE Transactions on Cloud Computing, 2021, 9, 14-26.	3.1	95
48	Achieving Secure, Universal, and Fine-Grained Query Results Verification for Secure Search Scheme Over Encrypted Cloud Data. IEEE Transactions on Cloud Computing, 2021, 9, 27-39.	3.1	23
49	Unequal Failure Protection Coding Technique for Distributed Cloud Storage Systems. IEEE Transactions on Cloud Computing, 2021, 9, 386-400.	3.1	5
50	Speeding Up VM Startup by Cooperative VM Image Caching. IEEE Transactions on Cloud Computing, 2021, 9, 360-371.	3.1	3
51	A Game Approach to Multi-Servers Load Balancing with Load-Dependent Server Availability Consideration. IEEE Transactions on Cloud Computing, 2021, 9, 1-13.	3.1	77
52	Distributed matrix factorization based on fast optimization for implicit feedback recommendation. Journal of Intelligent Information Systems, 2021, 56, 49-72.	2.8	6
53	Joint offloading and scheduling decisions for DAG applications in mobile edge computing. Neurocomputing, 2021, 424, 160-171.	3.5	27
54	D-SRTF: Distributed Shortest Remaining Time First Scheduling for Data Center Networks. IEEE Transactions on Cloud Computing, 2021, 9, 562-575.	3.1	13

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55	An Intermediate Data Partition Algorithm for Skew Mitigation in Spark Computing Environment. IEEE Transactions on Cloud Computing, 2021, 9, 461-474.	3.1	18
56	Price Performance-Driven Hardware Cost Optimization Under Functional Safety Requirement in Large-Scale Heterogeneous Distributed Embedded Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 4485-4497.	5.2	7
57	Execution cost minimization scheduling algorithms for deadline-constrained parallel applications on heterogeneous clouds. Cluster Computing, 2021, 24, 701-715.	3.5	13
58	On the profits of competing cloud service providers: A game theoretic approach. Journal of Computer and System Sciences, 2021, 117, 130-153.	0.9	3
59	Coalition formation for deadline-constrained resource procurement in cloud computing. Journal of Parallel and Distributed Computing, 2021, 149, 1-12.	2.7	8
60	Graph Matching for Marker Labeling and Missing Marker Reconstruction With Bone Constraint by LSTM in Optical Motion Capture. IEEE Access, 2021, 9, 34868-34881.	2.6	2
61	Server configuration optimization in mobile edge computing: A cost-performance tradeoff perspective. Software - Practice and Experience, 2021, 51, 1868-1895.	2.5	13
62	Exploring reliable edge-cloud computing for service latency optimization in sustainable cyber-physical systems. Software - Practice and Experience, 2021, 51, 2225-2237.	2.5	12
63	SGD_Tucker: A Novel Stochastic Optimization Strategy for Scalable Parallel Sparse Tucker Decomposition. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	4.0	4
64	Managing overloaded hosts for energy-efficiency in cloud data centers. Cluster Computing, 2021, 24, 2001-2015.	3.5	35
65	Heuristic Computation Offloading Algorithms for Mobile Users in Fog Computing. Transactions on Embedded Computing Systems, 2021, 20, 1-28.	2.1	25
66	A survey of energy-saving technologies in cloud data centers. Journal of Supercomputing, 2021, 77, 13385-13420.	2.4	20
67	Short- and long-term cost and performance optimization for mobile user equipments. Journal of Parallel and Distributed Computing, 2021, 150, 69-84.	2.7	4
68	Unraveling the Mechanism of Near-Infrared Thermally Activated Delayed Fluorescence of TPA-Based Molecules: Effect of Hydrogen Bond Steric Hindrance. Journal of Physical Chemistry A, 2021, 125, 2905-2912.	1.1	9
69	Progressive approaches to flexible group skyline queries. Knowledge and Information Systems, 2021, 63, 1471-1496.	2.1	1
70	A novel cooperative resource provisioning strategy for Multi-Cloud load balancing. Journal of Parallel and Distributed Computing, 2021, 152, 98-107.	2.7	8
71	Distributed Task Migration Optimization in MEC by Extending Multi-Agent Deep Reinforcement Learning Approach. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 1603-1614.	4.0	69
72	A Survey of Profit Optimization Techniques for Cloud Providers. ACM Computing Surveys, 2021, 53, 1-35.	16.1	17

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73	A Taxonomy and Survey of Power Models and Power Modeling for Cloud Servers. <i>ACM Computing Surveys</i> , 2021, 53, 1-41.	16.1	28
74	Are task mappings with the highest frequency of servers so good? A case study on Heterogeneous Earliest Finish Time (HEFT) algorithm. <i>Journal of Systems Architecture</i> , 2021, 121, 102311.	2.5	4
75	Theoretical study of cellulose II nanocrystals with different exposed facets. <i>Scientific Reports</i> , 2021, 11, 21871.	1.6	4
76	Budget-Constrained Service Allocation Optimization for Mobile Edge Computing. <i>IEEE Transactions on Services Computing</i> , 2021, , 1-1.	3.2	3
77	Locality Sensitive Hash Aggregated Nonlinear Neighborhood Matrix Factorization for Online Sparse Big Data Analysis. <i>ACM/IMS Transactions on Data Science</i> , 2021, 2, 1-27.	2.1	1
78	A Data Skew Oriented Reduce Placement Algorithm Based on Sampling. <i>IEEE Transactions on Cloud Computing</i> , 2020, 8, 1149-1161.	3.1	19
79	Energy management for multiple real-time workflows on cyber-physical cloud systems. <i>Future Generation Computer Systems</i> , 2020, 105, 916-931.	4.9	42
80	Quantitative Modeling and Analytical Calculation of Elasticity in Cloud Computing. <i>IEEE Transactions on Cloud Computing</i> , 2020, 8, 1135-1148.	3.1	21
81	Minimizing Redundancy to Satisfy Reliability Requirement for a Parallel Application on Heterogeneous Service-Oriented Systems. <i>IEEE Transactions on Services Computing</i> , 2020, 13, 871-886.	3.2	52
82	An adaptive heuristic for managing energy consumption and overloaded hosts in a cloud data center. <i>Wireless Networks</i> , 2020, 26, 1905-1919.	2.0	61
83	Quantitative Modeling and Analytical Calculation of Anelasticity for a Cyber-Physical System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4746-4761.	5.9	7
84	An angle dominance criterion for evolutionary many-objective optimization. <i>Information Sciences</i> , 2020, 509, 376-399.	4.0	58
85	A high-performance CNN method for offline handwritten Chinese character recognition and visualization. <i>Soft Computing</i> , 2020, 24, 7977-7987.	2.1	46
86	Enhance chaotic gravitational search algorithm (CGSA) by balance adjustment mechanism and sine randomness function for continuous optimization problems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 537, 122621.	1.2	18
87	A fine-grained authorized keyword secure search scheme with efficient search permission update in cloud computing. <i>Journal of Parallel and Distributed Computing</i> , 2020, 135, 56-69.	2.7	16
88	Privacy-preserving range query over multi-source electronic health records in public clouds. <i>Journal of Parallel and Distributed Computing</i> , 2020, 135, 127-139.	2.7	43
89	A half-precision compressive sensing framework for end-to-end person re-identification. <i>Neural Computing and Applications</i> , 2020, 32, 1141-1155.	3.2	4
90	COOPER-MATCH: Job Offloading with A Cooperative Game for Guaranteeing Strict Deadlines in MEC. <i>IEEE Transactions on Mobile Computing</i> , 2020, , 1-1.	3.9	15

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91	Attentive Semantic and Perceptual Faces Completion Using Self-attention Generative Adversarial Networks. <i>Neural Processing Letters</i> , 2020, 51, 211-229.	2.0	7
92	HeteroYARN: A Heterogeneous FPGA-Accelerated Architecture Based on YARN. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020, 31, 2968-2980.	4.0	2
93	A two-stage attention aware method for train bearing shed oil inspection based on convolutional neural networks. <i>Neurocomputing</i> , 2020, 380, 212-224.	3.5	22
94	A Distributed Compressive Data Gathering Framework For Mobile Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2020, , 1-1.	5.5	7
95	Multi-view correlation tracking with adaptive memory-improved update model. <i>Neural Computing and Applications</i> , 2020, 32, 9047-9063.	3.2	10
96	STSA: A sine Tree-Seed Algorithm for complex continuous optimization problems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 537, 122802.	1.2	31
97	SCGSA: A sine chaotic gravitational search algorithm for continuous optimization problems. <i>Expert Systems With Applications</i> , 2020, 144, 113118.	4.4	18
98	ImRP: A Predictive Partition Method for Data Skew Alleviation in Spark Streaming Environment. <i>Parallel Computing</i> , 2020, 100, 102699.	1.3	6
99	Deep end-to-end learning for price prediction of second-hand items. <i>Knowledge and Information Systems</i> , 2020, 62, 4541-4568.	2.1	28
100	CoExe: An Efficient Co-execution Architecture for Real-Time Neural Network Services. , 2020, , .		1
101	Hierarchical Pooling Strategy Optimization for Accelerating Asymptomatic COVID-19 Screening. <i>IEEE Open Journal of the Computer Society</i> , 2020, 1, 276-284.	5.2	4
102	A cost saving and load balancing task scheduling model for computational biology in heterogeneous cloud datacenters. <i>Journal of Supercomputing</i> , 2020, 76, 6113-6139.	2.4	8
103	An online and generalized non-negativity constrained model for large-scale sparse tensor estimation on multi-GPU. <i>Neurocomputing</i> , 2020, 399, 18-36.	3.5	1
104	System delay optimization for Mobile Edge Computing. <i>Future Generation Computer Systems</i> , 2020, 109, 17-28.	4.9	22
105	Power consumption model based on feature selection and deep learning in cloud computing scenarios. <i>IET Communications</i> , 2020, 14, 1610-1618.	1.5	19
106	TSASC: treeâ€‘seed algorithm with sineâ€‘cosine enhancement for continuous optimization problems. <i>Soft Computing</i> , 2020, 24, 18627-18646.	2.1	7
107	A Stackelberg game approach to multiple resources allocation and pricing in mobile edge computing. <i>Future Generation Computer Systems</i> , 2020, 108, 273-287.	4.9	71
108	Modeling and optimization of packet forwarding performance in software-defined WAN. <i>Future Generation Computer Systems</i> , 2020, 106, 412-425.	4.9	8

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109	Reliable correlation tracking via dual-memory selection model. Information Sciences, 2020, 518, 238-255.	4.0	13
110	Enhancing tree-seed algorithm via feed-back mechanism for optimizing continuous problems. Applied Soft Computing Journal, 2020, 92, 106314.	4.1	15
111	Slow-movement particle swarm optimization algorithms for scheduling security-critical tasks in resource-limited mobile edge computing. Future Generation Computer Systems, 2020, 112, 148-161.	4.9	57
112	EGroupNet. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-23.	3.0	34
113	An Efficiency-boosting Client Selection Scheme for Federated Learning with Fairness Guarantee. IEEE Transactions on Parallel and Distributed Systems, 2020, , 1-1.	4.0	83
114	Stop-and-Wait: Discover Aggregation Effect Based on Private Car Trajectory Data. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3623-3633.	4.7	45
115	An efficient manifold regularized sparse non-negative matrix factorization model for large-scale recommender systems on GPUs. Information Sciences, 2019, 496, 464-484.	4.0	31
116	Progressive Approaches for Pareto Optimal Groups Computation. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 521-534.	4.0	30
117	Non-clairvoyant scheduling of independent parallel tasks on single and multiple multicore processors. Journal of Parallel and Distributed Computing, 2019, 133, 210-220.	2.7	7
118	Profit Maximization for Cloud Brokers in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 190-203.	4.0	77
119	Optimal Speed Setting for Cloud Servers With Mixed Applications. IEEE Transactions on Industrial Informatics, 2019, 15, 1947-1955.	7.2	5
120	Analysis of Energy Efficiency of a Parallel AES Algorithm for CPU-GPU Heterogeneous Platforms. , 2019, , .		0
121	MCtandem: an efficient tool for large-scale peptide identification on many integrated core (MIC) architecture. BMC Bioinformatics, 2019, 20, 397.	1.2	9
122	How to Stabilize a Competitive Mobile Edge Computing Environment: A Game Theoretic Approach. IEEE Access, 2019, 7, 69960-69985.	2.6	12
123	SWPepNovo: An Efficient De Novo Peptide Sequencing Tool for Large-scale MS/MS Spectra Analysis. International Journal of Biological Sciences, 2019, 15, 1787-1801.	2.6	8
124	Implementation and optimization of a data protecting model on the Sunway TaihuLight supercomputer with heterogeneous many-core processors. Concurrency Computation Practice and Experience, 2019, 31, e4758.	1.4	6
125	A Novel Clustering Algorithm based on Directional Propagation of Cluster Labels. , 2019, , .		6
126	HCFS: A Density Peak Based Clustering Algorithm Employing A Hierarchical Strategy. IEEE Access, 2019, 7, 74612-74624.	2.6	10

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127	Automatically Detecting Excavator Anomalies Based on Machine Learning. <i>Symmetry</i> , 2019, 11, 957.	1.1	3
128	CP-ABSE: A Ciphertext-Policy Attribute-Based Searchable Encryption Scheme. <i>IEEE Access</i> , 2019, 7, 5682-5694.	2.6	68
129	Enhanced Parallel Application Scheduling Algorithm with Energy Consumption Constraint in Heterogeneous Distributed Systems. <i>Journal of Circuits, Systems and Computers</i> , 2019, 28, 1950190.	1.0	17
130	Pavo: A RNN-Based Learned Inverted Index, Supervised or Unsupervised?. <i>IEEE Access</i> , 2019, 7, 293-303.	2.6	16
131	Hausdorff Distance Model-Based Identity Authentication for IP Circuits in Service-Centric Internet-of-Things Environment. <i>Sensors</i> , 2019, 19, 487.	2.1	14
132	Region-Based Compressive Networked Storage with Lazy Encoding. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019, 30, 1390-1402.	4.0	16
133	HaloDPC: An Improved Recognition Method on Halo Node for Density Peak Clustering Algorithm. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2019, 33, 1950012.	0.7	11
134	Efficient processing of top $\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{display}=\text{"inline"} \text{id}=\text{"d1e1136"} \text{altimg}=\text{"si702.svg"} \rangle \langle \text{mml:mi} \rangle \text{k} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{group skyline queries}$. <i>Knowledge-Based Systems</i> , 2019, 182, 104795.	4.0	7
135	A Novel Approach to Rule Placement in Software-Defined Networks Based on OPTree. <i>IEEE Access</i> , 2019, 7, 8689-8700.	2.6	7
136	Secure conjunctive multi-keyword ranked search over encrypted cloud data for multiple data owners. <i>Future Generation Computer Systems</i> , 2019, 100, 689-700.	4.9	40
137	An Energy-Aware Algorithm for Virtual Machine Placement in Cloud Computing. <i>IEEE Access</i> , 2019, 7, 55659-55668.	2.6	29
138	Service Reliability in an HC: Considering From the Perspective of Scheduling With Load-Dependent Machine Reliability. <i>IEEE Transactions on Reliability</i> , 2019, 68, 476-495.	3.5	16
139	Multi-Objective VM Consolidation Based on Thresholds and Ant Colony System in Cloud Computing. <i>IEEE Access</i> , 2019, 7, 53441-53453.	2.6	38
140	Fast Boolean Queries With Minimized Leakage for Encrypted Databases in Cloud Computing. <i>IEEE Access</i> , 2019, 7, 49418-49431.	2.6	5
141	Dual Model Learning Combined With Multiple Feature Selection for Accurate Visual Tracking. <i>IEEE Access</i> , 2019, 7, 43956-43969.	2.6	71
142	Energy and time constrained scheduling for optimized quality of service. <i>Sustainable Computing: Informatics and Systems</i> , 2019, 22, 134-138.	1.6	2
143	Fast artificial bee colony algorithm with complex network and naive bayes classifier for supply chain network management. <i>Soft Computing</i> , 2019, 23, 13321-13337.	2.1	8
144	Wireless Sensor Network MCDS Construction Algorithms With Energy Consideration for Extreme Environments Healthcare. <i>IEEE Access</i> , 2019, 7, 33130-33144.	2.6	6

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145	An Experience-Based Scheme for Energy-SLA Balance in Cloud Data Centers. IEEE Access, 2019, 7, 23500-23513.	2.6	14
146	Optimal power allocation and load balancing for non-dedicated heterogeneous distributed embedded computing systems. Journal of Parallel and Distributed Computing, 2019, 130, 24-36.	2.7	6
147	Robust Precise Dynamic Point Reconstruction From Multi-View. IEEE Access, 2019, 7, 22408-22420.	2.6	4
148	A Group-Based Buffer Management for SSD. Journal of Circuits, Systems and Computers, 2019, 28, 1950213.	1.0	2
149	Task Offloading and Service Migration Strategies for User Equipments with Mobility Consideration in Mobile Edge Computing. , 2019, , .		13
150	An Economical and High-Quality Encryption Scheme for Cloud Servers with GPUs. , 2019, , .		0
151	DPC-LG: Density peaks clustering based on logistic distribution and gravitation. Physica A: Statistical Mechanics and Its Applications, 2019, 514, 25-35.	1.2	27
152	Information-centric routing in MSN based on community detection. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3554.	2.6	2
153	Complex network oriented artificial bee colony algorithm for global bi-objective optimization in three-echelon supply chain. Applied Soft Computing Journal, 2019, 76, 193-204.	4.1	14
154	Collaborative Optimization of Service Composition for Data-Intensive Applications in a Hybrid Cloud. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1022-1035.	4.0	21
155	M-Skyline: Taking sunk cost and alternative recommendation in consideration for skyline query on uncertain data. Knowledge-Based Systems, 2019, 163, 204-213.	4.0	31
156	A Virtual Multi-Channel GPU Fair Scheduling Method for Virtual Machines. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 257-270.	4.0	14
157	A Bi-layered Parallel Training Architecture for Large-Scale Convolutional Neural Networks. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 965-976.	4.0	145
158	A novel task scheduling scheme in a cloud computing environment using hybrid biogeography-based optimization. Soft Computing, 2019, 23, 11035-11054.	2.1	24
159	Optimal task execution speed setting and lower bound for delay and energy minimization. Journal of Parallel and Distributed Computing, 2019, 123, 13-25.	2.7	11
160	Graphene-Grid Deployment in Energy Harvesting Cooperative Wireless Sensor Networks for Green IoT. IEEE Transactions on Industrial Informatics, 2019, 15, 1820-1829.	7.2	43
161	Finding Optimal Skyline Product Combinations under Price Promotion. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 138-151.	4.0	14
162	Multi-User Multi-Task Computation Offloading in Green Mobile Edge Cloud Computing. IEEE Transactions on Services Computing, 2019, 12, 726-738.	3.2	185

#	ARTICLE	IF	CITATIONS
163	WCRT Analysis and Evaluation for Sporadic Message-Processing Tasks in Multicore Automotive Gateways. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2019, 38, 281-294.	1.9	13
164	Fast Functional Safety Verification for Distributed Automotive Applications During Early Design Phase. IEEE Transactions on Industrial Electronics, 2018, 65, 4378-4391.	5.2	51
165	GDPC: Gravitation-based Density Peaks Clustering algorithm. Physica A: Statistical Mechanics and Its Applications, 2018, 502, 345-355.	1.2	33
166	Bargaining Game-Based Scheduling for Performance Guarantees in Cloud Computing. ACM Transactions on Modeling and Performance Evaluation of Computing Systems, 2018, 3, 1-25.	0.8	18
167	Fine-Grained Energy Consumption Model of Servers Based on Task Characteristics in Cloud Data Center. IEEE Access, 2018, 6, 27080-27090.	2.6	46
168	Parallel and Progressive Approaches for Skyline Query Over Probabilistic Incomplete Database. IEEE Access, 2018, 6, 13289-13301.	2.6	10
169	Optimal load distribution for multiple classes of applications on heterogeneous servers with variable speeds. Software - Practice and Experience, 2018, 48, 1805-1819.	2.5	8
170	Opportunistic Energy Cooperation Mechanism for Large Internet of Things. Mobile Networks and Applications, 2018, 23, 489-502.	2.2	16
171	A comprehensive survey of Network Function Virtualization. Computer Networks, 2018, 133, 212-262.	3.2	361
172	An Ensemble CNN2ELM for Age Estimation. IEEE Transactions on Information Forensics and Security, 2018, 13, 758-772.	4.5	79
173	GFLink: An In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1275-1288.	4.0	80
174	Envy-free auction mechanism for VM pricing and allocation in clouds. Future Generation Computer Systems, 2018, 86, 680-693.	4.9	21
175	GOI: A Novel Design for Vehicle Positioning and Trajectory Prediction Under Urban Environments. IEEE Sensors Journal, 2018, 18, 5586-5594.	2.4	51
176	Implementing molecular dynamics simulation on the Sunway TaihuLight system with heterogeneous many-core processors. Concurrency Computation Practice and Experience, 2018, 30, e4468.	1.4	15
177	An Efficient In-Memory Checkpoint Method and its Practice on Fault-Tolerant HPL. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 758-771.	4.0	9
178	DFC: Density Fragment Clustering without Peaks. Journal of Intelligent and Fuzzy Systems, 2018, 34, 525-536.	0.8	15
179	Accelerating MapReduce on Commodity Clusters: An SSD-Empowered Approach. IEEE Transactions on Big Data, 2018, 4, 396-407.	4.4	2
180	On the Correlation of Sensor Location and Human Activity Recognition in Body Area Networks (BANs). IEEE Systems Journal, 2018, 12, 82-91.	2.9	32

#	ARTICLE	IF	CITATIONS
181	An intermediate data placement algorithm for load balancing in Spark computing environment. Future Generation Computer Systems, 2018, 78, 287-301.	4.9	59
182	A Fund-Constrained Investment Scheme for Profit Maximization in Cloud Computing. IEEE Transactions on Services Computing, 2018, 11, 893-907.	3.2	37
183	A Parallel Multiclassification Algorithm for Big Data Using an Extreme Learning Machine. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2337-2351.	7.2	134
184	SDNFV-Based Dynamic Network Function Deployment: Model and Mechanism. IEEE Communications Letters, 2018, 22, 93-96.	2.5	24
185	Scheduling parallel tasks with energy and time constraints on multiple manycore processors in a cloud computing environment. Future Generation Computer Systems, 2018, 82, 591-605.	4.9	43
186	JDAS: a software development framework for multidatabases. Software - Practice and Experience, 2018, 48, 366-382.	2.5	4
187	MSGD: A Novel Matrix Factorization Approach for Large-Scale Collaborative Filtering Recommender Systems on GPUs. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1530-1544.	4.0	77
188	Energy-Efficient Fault-Tolerant Scheduling of Reliable Parallel Applications on Heterogeneous Distributed Embedded Systems. IEEE Transactions on Sustainable Computing, 2018, 3, 167-181.	2.2	57
189	Energy Optimization for Data Allocation With Hybrid SRAM+NVM SPM. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 307-318.	3.5	23
190	Energy constrained scheduling of stochastic tasks. Journal of Supercomputing, 2018, 74, 485-508.	2.4	3
191	Energy-efficient ICN routing mechanism with QoS support. Computer Networks, 2018, 131, 38-51.	3.2	27
192	Hardware Cost Design Optimization for Functional Safety-Critical Parallel Applications on Heterogeneous Distributed Embedded Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 2418-2431.	7.2	28
193	Minimizing SLA violation and power consumption in Cloud data centers using adaptive energy-aware algorithms. Future Generation Computer Systems, 2018, 86, 836-850.	4.9	128
194	ISAECC: An Improved Scheduling Approach for Energy Consumption Constrained Parallel Applications on Heterogeneous Distributed Systems. , 2018, , .		4
195	Optimal Temporal Partitioning of a Multicore Server Processor for Virtual Machine Allocation. IEEE Access, 2018, 6, 54726-54738.	2.6	2
196	Accelerating packet classification with counting bloom filters for virtual OpenFlow switching. China Communications, 2018, 15, 117-128.	2.0	15
197	Quantitative Modeling and Analytical Calculation of Elasticity in Cloud Computing. , 2018, , .		5
198	UHCL-Darknet. , 2018, , .		7

#	ARTICLE	IF	CITATIONS
199	An Adaptive Partition Method for Handling Skew in Spark Applications. , 2018, , .		2
200	A multiple kernel density clustering algorithm for incomplete datasets in bioinformatics. BMC Systems Biology, 2018, 12, 111.	3.0	8
201	Toward energy-efficiency optimization of pktgen-DPDK for green network testbeds. China Communications, 2018, 15, 199-207.	2.0	4
202	IDH-CAN: A Hardware-Based ID Hopping CAN Mechanism With Enhanced Security for Automotive Real-Time Applications. IEEE Access, 2018, 6, 54607-54623.	2.6	25
203	Visual tracking via context-aware local sparse appearance model. Journal of Visual Communication and Image Representation, 2018, 56, 92-105.	1.7	11
204	A Game Theoretic Approach to Computation Offloading Strategy Optimization for Non-cooperative Users in Mobile Edge Computing. IEEE Transactions on Sustainable Computing, 2018, , 1-1.	2.2	38
205	Minimal Cost Server Configuration for Meeting Time-Varying Resource Demands in Cloud Centers. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2503-2513.	4.0	30
206	FlinkCL: An OpenCL-Based In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. IEEE Transactions on Computers, 2018, 67, 1765-1779.	2.4	55
207	Adaptive region adjustment to improve the balance of convergence and diversity in MOEA/D. Applied Soft Computing Journal, 2018, 70, 797-813.	4.1	16
208	A novel fuzzy deep-learning approach to traffic flow prediction with uncertain spatial&temporal data features. Future Generation Computer Systems, 2018, 89, 78-88.	4.9	106
209	Message response time analysis for automotive cyber&physical systems with uncertain delay: An M/PH/1 queue approach. Performance Evaluation, 2018, 125, 21-47.	0.9	5
210	A cache-aware social-based QoS routing scheme in Information Centric Networks. Journal of Network and Computer Applications, 2018, 121, 20-32.	5.8	13
211	Experimental study of energy and time constrained task scheduling with irregular speed and power levels. Sustainable Computing: Informatics and Systems, 2018, 19, 61-71.	1.6	1
212	Reliability Enhancement Toward Functional Safety Goal Assurance in Energy-Aware Automotive Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 5447-5462.	7.2	48
213	Spectrum Resource Sharing in Heterogeneous Vehicular Networks: A Noncooperative Game-Theoretic Approach With Correlated Equilibrium. IEEE Transactions on Vehicular Technology, 2018, 67, 9449-9458.	3.9	68
214	Sliding Window Optimized Information Entropy Analysis Method for Intrusion Detection on In-Vehicle Networks. IEEE Access, 2018, 6, 45233-45245.	2.6	92
215	MobiContext: A Context-Aware Cloud-Based Venue Recommendation Framework. IEEE Transactions on Cloud Computing, 2017, 5, 712-724.	3.1	7
216	Modeling and Analysis of the Thermal Properties Exhibited by Cyberphysical Data Centers. IEEE Systems Journal, 2017, 11, 163-172.	2.9	28

#	ARTICLE	IF	CITATIONS
217	DataABC: A fast ABC based energy-efficient live VM consolidation policy with data-intensive energy evaluation model. <i>Future Generation Computer Systems</i> , 2017, 74, 132-141.	4.9	46
218	A query privacy-enhanced and secure search scheme over encrypted data in cloud computing. <i>Journal of Computer and System Sciences</i> , 2017, 90, 14-27.	0.9	35
219	A hybrid computing method of SpMV on CPU-GPU heterogeneous computing systems. <i>Journal of Parallel and Distributed Computing</i> , 2017, 104, 49-60.	2.7	43
220	Schedule length minimization of parallel applications with energy consumption constraints using heuristics on heterogeneous distributed systems. <i>Concurrency Computation Practice and Experience</i> , 2017, 29, e4024.	1.4	15
221	Adaptive Dynamic Scheduling on Multifunctional Mixed-Criticality Automotive Cyber-Physical Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 6676-6692.	3.9	60
222	Minimizing Energy Consumption of Real-Time Parallel Applications Using Downward and Upward Approaches on Heterogeneous Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 1068-1078.	7.2	59
223	Customer-Satisfaction-Aware Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. <i>IEEE Transactions on Sustainable Computing</i> , 2017, 2, 17-29.	2.2	54
224	Energy-Efficient Resource Utilization for Heterogeneous Embedded Computing Systems. <i>IEEE Transactions on Computers</i> , 2017, 66, 1518-1531.	2.4	34
225	Reporting l most influential objects in uncertain databases based on probabilistic reverse top- k queries. <i>Information Sciences</i> , 2017, 405, 207-226.	4.0	52
226	Maxdenominator Reweighted Sparse Representation for Tumor Classification. <i>Scientific Reports</i> , 2017, 7, 46030.	1.6	9
227	Scheduling Algorithms of Flat Semi-Dormant Multicontrollers for a Cyber-Physical System. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 1665-1680.	7.2	15
228	GPU-Accelerated Parallel Hierarchical Extreme Learning Machine on Flink for Big Data. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 2740-2753.	5.9	92
229	Velocity-Aware Parallel Encryption Algorithm with Low Energy Consumption for Streams. <i>IEEE Transactions on Big Data</i> , 2017, , 1-1.	4.4	4
230	RISC: ICN routing mechanism incorporating SDN and community division. <i>Computer Networks</i> , 2017, 123, 88-103.	3.2	45
231	Energy-Aware Processor Merging Algorithms for Deadline Constrained Parallel Applications in Heterogeneous Cloud Computing. <i>IEEE Transactions on Sustainable Computing</i> , 2017, 2, 62-75.	2.2	62
232	Partition Scheduling on Heterogeneous Multicore Processors for Multi-dimensional Loops Applications. <i>International Journal of Parallel Programming</i> , 2017, 45, 827-852.	1.1	13
233	Optimal Task Dispatching on Multiple Heterogeneous Multiserver Systems with Dynamic Speed and Power Management. <i>IEEE Transactions on Sustainable Computing</i> , 2017, 2, 167-182.	2.2	16
234	Efficient task scheduling for budget constrained parallel applications on heterogeneous cloud computing systems. <i>Future Generation Computer Systems</i> , 2017, 74, 1-11.	4.9	103

#	ARTICLE	IF	CITATIONS
235	Energy-efficient fuzzy control model for GPU-accelerated packet classification. <i>Concurrency Computation Practice and Experience</i> , 2017, 29, e4079.	1.4	2
236	A Reliability-aware Task Scheduling Algorithm Based on Replication on Heterogeneous Computing Systems. <i>Journal of Grid Computing</i> , 2017, 15, 23-39.	2.5	42
237	Global network random walk for predicting potential human lncRNA-disease associations. <i>Scientific Reports</i> , 2017, 7, 12442.	1.6	89
238	A novel information fusion strategy based on a regularized framework for identifying disease-related microRNAs. <i>RSC Advances</i> , 2017, 7, 44447-44455.	1.7	10
239	Network-based collaborative filtering recommendation model for inferring novel disease-related miRNAs. <i>RSC Advances</i> , 2017, 7, 44961-44971.	1.7	10
240	DHCRF: A Distributed Conditional Random Field Algorithm on a Heterogeneous CPU-GPU Cluster for Big Data. , 2017, , .		2
241	Energy-Efficient Scheduling Algorithms for Real-Time Parallel Applications on Heterogeneous Distributed Embedded Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2017, 28, 3426-3442.	4.0	63
242	Improved low-rank matrix recovery method for predicting miRNA-disease association. <i>Scientific Reports</i> , 2017, 7, 6007.	1.6	21
243	Driver pattern identification over the gene co-expression of drug response in ovarian cancer by integrating high throughput genomics data. <i>Scientific Reports</i> , 2017, 7, 16188.	1.6	22
244	A Parallel Conditional Random Fields Model Based on Spark Computing Environment. <i>Journal of Grid Computing</i> , 2017, 15, 323-342.	2.5	7
245	A Sentiment Classification Model Using Group Characteristics of Writing Style Features. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2017, 31, 1756016.	0.7	4
246	Learning non-cooperative game for load balancing under self-interested distributed environment. <i>Applied Soft Computing Journal</i> , 2017, 52, 376-386.	4.1	24
247	Efficient monochromatic and bichromatic probabilistic reverse top-k query processing for uncertain big data. <i>Journal of Computer and System Sciences</i> , 2017, 89, 92-113.	0.9	51
248	Bi-objective workflow scheduling of the energy consumption and reliability in heterogeneous computing systems. <i>Information Sciences</i> , 2017, 379, 241-256.	4.0	134
249	Design and analysis of parallel file downloading algorithms in peer-to-peer networks. <i>Telecommunication Systems</i> , 2017, 64, 719-734.	1.6	1
250	A parallel solving method for block-tridiagonal equations on CPU-GPU heterogeneous computing systems. <i>Journal of Supercomputing</i> , 2017, 73, 1760-1781.	2.4	18
251	Location distribution of a mobile terminal and its application to paging cost reduction and minimization. <i>Journal of Parallel and Distributed Computing</i> , 2017, 99, 68-89.	2.7	6
252	Fuzzy Group-Based Intersection Control via Vehicular Networks for Smart Transportations. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 751-758.	7.2	43

#	ARTICLE	IF	CITATIONS
253	Identifying the most influential spreaders in complex networks by an Extended Local K-Shell Sum. International Journal of Modern Physics C, 2017, 28, 1750014.	0.8	30
254	Self-adaptation and mutual adaptation for distributed scheduling in benevolent clouds. Concurrency Computation Practice and Experience, 2017, 29, e3939.	1.4	9
255	A Parallel Random Forest Algorithm for Big Data in a Spark Cloud Computing Environment. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 919-933.	4.0	324
256	Seeksv: an accurate tool for somatic structural variation and virus integration detection. Bioinformatics, 2017, 33, 184-191.	1.8	64
257	A secure routing scheme for underwater acoustic networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771364.	1.3	14
258	WCRT Analysis of CAN Messages in Gateway-Integrated In-Vehicle Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9623-9637.	3.9	32
259	Automatic density clustering with multiple kernels for high-dimension bioinformatics data. , 2017, , .		4
260	An Improved LDA Multi-document Summarization Model Based on TensorFlow. , 2017, , .		7
261	An Efficient Parallelization Approach for Large-Scale Sparse Non-Negative Matrix Factorization Using Kullback-Leibler Divergence on Multi-GPU. , 2017, , .		3
262	Detecting Influential Nodes Incrementally and Evolutionarily in Online Social Networks. , 2017, , .		1
263	CuSNMF: A Sparse Non-Negative Matrix Factorization Approach for Large-Scale Collaborative Filtering Recommender Systems on Multi-GPU. , 2017, , .		4
264	Enabling Adaptive Routing Service Customization via the integration of SDN and NFV. Journal of Network and Computer Applications, 2017, 93, 123-136.	5.8	21
265	An Ultra-Lightweight Encryption Scheme in Underwater Acoustic Networks. Journal of Sensors, 2016, 2016, 1-10.	0.6	20
266	RLT Code Based Handshake-Free Reliable MAC Protocol for Underwater Sensor Networks. Journal of Sensors, 2016, 2016, 1-11.	0.6	15
267	FP-ABC: Fast and Parallel ABC Based Energy-Efficiency Live VM Allocation Policy in Data Centers. Scientific Programming, 2016, 2016, 1-9.	0.5	1
268	Virtual Machine Placement Algorithm for Both Energy-Awareness and SLA Violation Reduction in Cloud Data Centers. Scientific Programming, 2016, 2016, 1-11.	0.5	57
269	Selection and replacement algorithms for memory performance improvement in Spark. Concurrency Computation Practice and Experience, 2016, 28, 2473-2486.	1.4	26
270	Data-aware task scheduling on heterogeneous hybrid memory multiprocessor systems. Concurrency Computation Practice and Experience, 2016, 28, 4443-4459.	1.4	4

#	ARTICLE	IF	CITATIONS
271	Efficient CPU-GPU cooperative computing for solving the subset-sum problem. <i>Concurrency Computation Practice and Experience</i> , 2016, 28, 492-516.	1.4	16
272	A performance-efficient and datapath-regular implementation of modified split-radix fast Fourier transform. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 957-965.	0.8	0
273	Probabilistic top-k range query processing for uncertain databases. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 1109-1120.	0.8	14
274	Improving Robustness of a SVR Based Algorithm Trading Model with Carefully Crafted Features and a Diversified Portfolio. , 2016, , .		0
275	Minimizing Schedule Length of Energy Consumption Constrained Parallel Applications on Heterogeneous Distributed Systems. , 2016, , .		34
276	Contention-aware reliability management scheme for parallel tasks scheduling in heterogeneous computing systems. , 2016, , .		1
277	Implementation and Optimization of AES Algorithm on the Sunway TaihuLight. , 2016, , .		6
278	Secure Conjunctive Multi-Keyword Search for Multiple Data Owners in Cloud Computing. , 2016, , .		5
279	A Parallel Patient Treatment Time Prediction Algorithm and Its Applications in Hospital Queuing-Recommendation in a Big Data Environment. <i>IEEE Access</i> , 2016, 4, 1767-1783.	2.6	44
280	A Hybrid Skin Detection Model from Multiple Color Spaces Based on a Dual-Threshold Bayesian Algorithm. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2016, 30, 1655018.	0.7	3
281	GfLink: An In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. , 2016, , .		16
282	A novel cooperative accelerated parallel two-list algorithm for solving the subset-sum problem on a hybrid CPU-GPU cluster. <i>Journal of Parallel and Distributed Computing</i> , 2016, 97, 112-123.	2.7	7
283	Energy-Efficient Task Scheduling on Multiple Heterogeneous Computers: Algorithms, Analysis, and Performance Evaluation. <i>IEEE Transactions on Sustainable Computing</i> , 2016, 1, 7-19.	2.2	22
284	Network Consistency Projection for Human miRNA-Disease Associations Inference. <i>Scientific Reports</i> , 2016, 6, 36054.	1.6	89
285	Practical parallel AES algorithms on cloud for massive users and their performance evaluation. <i>Concurrency Computation Practice and Experience</i> , 2016, 28, 4246-4263.	1.4	9
286	Top Favorite Probabilistic Products Queries. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016, 28, 2808-2821.	4.0	43
287	High performance real-time scheduling of multiple mixed-criticality functions in heterogeneous distributed embedded systems. <i>Journal of Systems Architecture</i> , 2016, 70, 3-14.	2.5	56
288	An optimized MapReduce workflow scheduling algorithm for heterogeneous computing. <i>Journal of Supercomputing</i> , 2016, 72, 2059-2079.	2.4	20

#	ARTICLE	IF	CITATIONS
289	Hybrid immune algorithm based on greedy algorithm and delete-cross operator for solving TSP. <i>Soft Computing</i> , 2016, 20, 555-566.	2.1	51
290	Strategy Configurations of Multiple Users Competition for Cloud Service Reservation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016, 27, 508-520.	4.0	75
291	Divide&conquer approach for solving singular value decomposition based on MapReduce. <i>Concurrency Computation Practice and Experience</i> , 2016, 28, 331-350.	1.4	3
292	Refactor Business Process Models with Maximized Parallelism. <i>IEEE Transactions on Services Computing</i> , 2016, 9, 456-468.	3.2	9
293	A Hybrid Parallel Solving Algorithm on GPU for Quasi-Tridiagonal System of Linear Equations. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016, 27, 2795-2808.	4.0	39
294	Lazy-Merge: A Novel Implementation for Indexed Parallel -Way In-Place Merging. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016, 27, 2049-2061.	4.0	8
295	Stackelberg Game Approach for Energy-Aware Resource Allocation in Data Centers. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016, 27, 3646-3658.	4.0	62
296	Energy and time constrained task scheduling on multiprocessor computers with discrete speed levels. <i>Journal of Parallel and Distributed Computing</i> , 2016, 95, 15-28.	2.7	39
297	A Framework of Price Bidding Configurations for Resource Usage in Cloud Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016, 27, 2168-2181.	4.0	64
298	Improving Multicore Server Performance and Reducing Energy Consumption by Workload Dependent Dynamic Power Management. <i>IEEE Transactions on Cloud Computing</i> , 2016, 4, 122-137.	3.1	41
299	Performance Prediction for Large-Scale Parallel Applications Using Representative Replay. <i>IEEE Transactions on Computers</i> , 2016, 65, 2184-2198.	2.4	19
300	Modeling and Performance Analysis of a Tracking-Area-List-Based Location Management Scheme in LTE Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 6417-6431.	3.9	43
301	Adaptive Processing for Distributed Skyline Queries over Uncertain Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016, 28, 371-384.	4.0	77
302	Systematic Data Placement Optimization in Multi-Cloud Storage for Complex Requirements. <i>IEEE Transactions on Computers</i> , 2016, 65, 1964-1977.	2.4	36
303	Power and performance management for parallel computations in clouds and data centers. <i>Journal of Computer and System Sciences</i> , 2016, 82, 174-190.	0.9	57
304	An Energy-Efficient Task Scheduling Algorithm in DVFS-enabled Cloud Environment. <i>Journal of Grid Computing</i> , 2016, 14, 55-74.	2.5	218
305	CaCo: An Efficient Cauchy Coding Approach for Cloud Storage Systems. <i>IEEE Transactions on Computers</i> , 2016, 65, 435-447.	2.4	14
306	An iteration-based hybrid parallel algorithm for tridiagonal systems of equations on multi-core architectures. <i>Concurrency Computation Practice and Experience</i> , 2015, 27, 5076-5095.	1.4	2

#	ARTICLE	IF	CITATIONS
307	GPU implementation of a parallel ϵ -list algorithm for the subset-sum problem. <i>Concurrency Computation Practice and Experience</i> , 2015, 27, 119-145.	1.4	15
308	A Fast Algorithm With Less Operations for Length- n DFTs. <i>IEEE Transactions on Signal Processing</i> , 2015, 63, 673-683.	3.2	20
309	Maximizing reliability with energy conservation for parallel task scheduling in a heterogeneous cluster. <i>Information Sciences</i> , 2015, 319, 113-131.	4.0	128
310	Redistribute Data to Regain Load Balance during RAID-4 Scaling. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015, 26, 219-229.	4.0	9
311	An Efficient Data Selection Policy for Search Engine Cache Management. , 2015, , .		1
312	Reporting L Most Favorite Objects in Uncertain Databases with Probabilistic Reverse Top-k Queries. , 2015, , .		7
313	Modelling and Developing Co-scheduling Strategies on Multicore Processors. , 2015, , .		2
314	Datapath-regular implementation and scaled technique for $N=3\tilde{A}-2m$ DFTs. <i>Signal Processing</i> , 2015, 113, 68-79.	2.1	6
315	Efficient top-(k,l) range query processing for uncertain data based on multicore architectures. <i>Distributed and Parallel Databases</i> , 2015, 33, 381-413.	1.0	41
316	A cost-optimal parallel algorithm for the 0-1 knapsack problem and its performance on multicore CPU and GPU implementations. <i>Parallel Computing</i> , 2015, 43, 27-42.	1.3	18
317	A Profit Maximization Scheme with Guaranteed Quality of Service in Cloud Computing. <i>IEEE Transactions on Computers</i> , 2015, 64, 3064-3078.	2.4	114
318	Cost Analysis of a Hybrid-Movement-Based and Time-Based Location Update Scheme in Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2015, 64, 5314-5326.	3.9	8
319	FastRAQ: A Fast Approach to Range-Aggregate Queries in Big Data Environments. <i>IEEE Transactions on Cloud Computing</i> , 2015, 3, 206-218.	3.1	25
320	Accelerate RDP RAID-6 Scaling by Reducing Disk I/Os and XOR Operations. <i>IEEE Transactions on Computers</i> , 2015, 64, 32-44.	2.4	33
321	A Hybrid Chemical Reaction Optimization Scheme for Task Scheduling on Heterogeneous Computing Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015, 26, 3208-3222.	4.0	135
322	Parallel Implementation of MAFFT on CUDA-Enabled Graphics Hardware. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015, 12, 205-218.	1.9	34
323	Performance Analysis and Optimization for SpMV on GPU Using Probabilistic Modeling. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015, 26, 196-205.	4.0	187
324	Performance Optimization Using Partitioned SpMV on GPUs and Multicore CPUs. <i>IEEE Transactions on Computers</i> , 2015, 64, 2623-2636.	2.4	110

#	ARTICLE	IF	CITATIONS
325	CRFs based parallel biomedical named entity recognition algorithm employing MapReduce framework. Cluster Computing, 2015, 18, 493-505.	3.5	23
326	Heterogeneity-driven end-to-end synchronized scheduling for precedence constrained tasks and messages on networked embedded systems. Journal of Parallel and Distributed Computing, 2015, 83, 1-12.	2.7	62
327	Virtual Resource Allocation Based on Link Interference in Cayley Wireless Data Centers. IEEE Transactions on Computers, 2015, 64, 3016-3021.	2.4	7
328	Fault-Tolerant Dynamic Rescheduling for Heterogeneous Computing Systems. Journal of Grid Computing, 2015, 13, 507-525.	2.5	27
329	An Intelligent Economic Approach for Dynamic Resource Allocation in Cloud Services. IEEE Transactions on Cloud Computing, 2015, 3, 275-289.	3.1	55
330	Optimal partitioning of a multicore server processor. Journal of Supercomputing, 2015, 71, 3744-3769.	2.4	9
331	Scheduling Precedence Constrained Stochastic Tasks on Heterogeneous Cluster Systems. IEEE Transactions on Computers, 2015, 64, 191-204.	2.4	165
332	Hadoop Recognition of Biomedical Named Entity Using Conditional Random Fields. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3040-3051.	4.0	58
333	Parallel hybrid PSO with CUDA for ID heat conduction equation. Computers and Fluids, 2015, 110, 198-210.	1.3	62
334	Adaptive Workflow Scheduling on Cloud Computing Platforms with IterativeOrdinal Optimization. IEEE Transactions on Cloud Computing, 2015, 3, 156-168.	3.1	46
335	Analysis of file download time in peer-to-peer networks with stochastic and time-varying service capacities. Future Generation Computer Systems, 2015, 42, 36-43.	4.9	2
336	A Hybrid Parallel Tridiagonal Solver on Multi-core Architectures. , 2014, , .		5
337	SLA-based energy aware scheduling of precedence-constrained applications on DVFS-enabled clusters. , 2014, , .		4
338	Scalable Analytic Models for Performance Efficiency in the Cloud. , 2014, , .		2
339	Node Placement Analysis for Overlay Networks in IoT Applications. International Journal of Distributed Sensor Networks, 2014, 10, 427496.	1.3	0
340	An Efficient Energy Scheduling Algorithm for Workflow Tasks in Hybrids and DVFS-Enabled Cloud Environment. , 2014, , .		11
341	Resource Allocation in Cloud Environment: A Model Based on Double Multi-attribute Auction Mechanism. , 2014, , .		13
342	Rethinking RAID-5 Data Layout for Better Scalability. IEEE Transactions on Computers, 2014, 63, 2816-2828.	2.4	29

#	ARTICLE	IF	CITATIONS
343	On the expected file download time of the random time-based switching algorithm in P2P networks. Peer-to-Peer Networking and Applications, 2014, 7, 147-158.	2.6	4
344	Analysis of cost and quality of service of time-based dynamic mobility management in wireless networks. Wireless Networks, 2014, 20, 261-288.	2.0	6
345	Energy-aware task scheduling in heterogeneous computing environments. Cluster Computing, 2014, 17, 537-550.	3.5	43
346	A Fast Algorithm Based on SRFFT for Length $N = q \times 2^m$ DFTs. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 110-114.	2.2	9
347	Energy-Efficient Stochastic Task Scheduling on Heterogeneous Computing Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2867-2876.	4.0	191
348	Liquid: A Scalable Deduplication File System for Virtual Machine Images. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1257-1266.	4.0	44
349	Molecular solutions for minimum and exact cover problems in the tile assembly model. Journal of Supercomputing, 2014, 69, 976-1005.	2.4	5
350	Managing performance and power consumption tradeoff for multiple heterogeneous servers in cloud computing. Cluster Computing, 2014, 17, 943-955.	3.5	34
351	A genetic algorithm for task scheduling on heterogeneous computing systems using multiple priority queues. Information Sciences, 2014, 270, 255-287.	4.0	317
352	Energy-Aware Data Allocation and Task Scheduling on Heterogeneous Multiprocessor Systems With Time Constraints. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 134-148.	3.2	57
353	A resource-aware scheduling algorithm with reduced task duplication on heterogeneous computing systems. Journal of Supercomputing, 2014, 68, 1347-1377.	2.4	26
354	Dynamic forecast scheduling algorithm for virtual machine placement in cloud computing environment. Journal of Supercomputing, 2014, 70, 1279-1296.	2.4	47
355	Scaled Radix-2/8 Algorithm for Efficient Computation of Length- $N=2^m$ DFTs. IEEE Transactions on Signal Processing, 2014, 62, 2492-2503.	3.2	16
356	Proactive scheduling in distributed computing – A reinforcement learning approach. Journal of Parallel and Distributed Computing, 2014, 74, 2662-2672.	2.7	15
357	Optimal Power Allocation and Load Distribution for Multiple Heterogeneous Multicore Server Processors across Clouds and Data Centers. IEEE Transactions on Computers, 2014, 63, 45-58.	2.4	136
358	Guarantee Strict Fairness and Utilize Prediction Better in Parallel Job Scheduling. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 971-981.	4.0	14
359	Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1087-1096.	4.0	159
360	Optimal Load Distribution for Multiple Heterogeneous Blade Servers in a Cloud Computing Environment. Journal of Grid Computing, 2013, 11, 27-46.	2.5	28

#	ARTICLE	IF	CITATIONS
361	An Efficient Graph Isomorphism Algorithm Based on Canonical Labeling and Its Parallel Implementation on GPU. , 2013, , .		2
362	Energy-efficient task scheduling algorithms on heterogeneous computers with continuous and discrete speeds. Sustainable Computing: Informatics and Systems, 2013, 3, 109-118.	1.6	15
363	Analysis of Distance-Based Location Management in Wireless Communication Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 225-238.	4.0	35
364	Parallel File Download in Peer-to-Peer Networks with Random Service Capacities. , 2013, , .		3
365	PROBING HIGH-CAPACITY PEERS TO REDUCE DOWNLOAD TIMES IN P2P FILE SHARING SYSTEMS WITH STOCHASTIC SERVICE CAPACITIES. International Journal of Foundations of Computer Science, 2012, 23, 1341-1369.	0.8	4
366	PERFORMANCE ANALYSIS AND EVALUATION OF RANDOM WALK ALGORITHMS ON WIRELESS NETWORKS. International Journal of Foundations of Computer Science, 2012, 23, 779-802.	0.8	7
367	Parallel Algorithms for Approximate String Matching with k Mismatches on CUDA. , 2012, , .		15
368	Optimal Number of Annuli for Maximizing the Lifetime of Sensor Networks. , 2012, , .		1
369	A Queueing Theory Based Approach to QoS-Driven Adaptation for Service Discovery over MANETs. , 2012, , .		0
370	Optimal Partitioning of a Multicore Server Processor. , 2012, , .		1
371	Scheduling Precedence Constrained Tasks with Reduced Processor Energy on Multiprocessor Computers. IEEE Transactions on Computers, 2012, 61, 1668-1681.	2.4	78
372	Energy efficient scheduling of parallel tasks on multiprocessor computers. Journal of Supercomputing, 2012, 60, 223-247.	2.4	60
373	Optimal configuration of a multicore server processor for managing the power and performance tradeoff. Journal of Supercomputing, 2012, 61, 189-214.	2.4	30
374	Optimal power allocation among multiple heterogeneous servers in a data center. Sustainable Computing: Informatics and Systems, 2012, 2, 13-22.	1.6	17
375	Reducing Download Times in Peer-to-Peer File Sharing Systems with Stochastic Service Capacities. , 2011, , .		1
376	Organizational Patterns for Security and Dependability. International Journal of Secure Software Engineering, 2011, 2, 1-22.	0.4	5
377	Cost analysis and minimization of movement-based location management schemes in wireless communication networks: a renewal process approach. Wireless Networks, 2011, 17, 1031-1053.	2.0	18
378	Optimal Load Distribution for Multiple Heterogeneous Blade Servers in a Cloud Computing Environment. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
379	Design and Analysis of Heuristic Algorithms for Power-Aware Scheduling of Precedence Constrained Tasks. , 2011, , .		3
380	Performance Optimization with Energy Constraint in Heterogeneous Multiple Computer Systems. , 2011, , .		1
381	Fast and highly scalable parallel computations for fundamental matrix problems on distributed memory systems. Journal of Supercomputing, 2010, 54, 271-297.	2.4	7
382	Asymptotically optimal dynamic tree evolution by rapidly mixing random walks on regular networks. Journal of Parallel and Distributed Computing, 2010, 70, 907-916.	2.7	0
383	Green task scheduling algorithms with energy reduction on heterogeneous computers. , 2010, , .		3
384	Scheduling parallel tasks on multiprocessor computers with efficient power management. , 2010, , .		4
385	Performance evaluation of heuristic algorithms for routing and wavelength assignment in WDM optical networks. International Journal of Parallel, Emergent and Distributed Systems, 2010, 25, 273-292.	0.7	1
386	Design and performance evaluation of communication algorithms in multihop wireless networks with multiple channels. International Journal of Parallel, Emergent and Distributed Systems, 2010, 25, 465-488.	0.7	3
387	Green Task Scheduling Algorithms with Speeds Optimization on Heterogeneous Cloud Servers. , 2010, , .		25
388	Performance analysis and evaluation of random walk algorithms on wireless networks. , 2010, , .		6
389	Analysis of random time-based switching for file sharing in peer-to-peer networks. , 2010, , .		2
390	A Random-Walk-Based Dynamic Tree Evolution Algorithm with Exponential Speed of Convergence to Optimality on Regular Networks. , 2009, , .		4
391	S&D Pattern Deployment at Organizational Level: A Prototype for Remote Healthcare System. Electronic Notes in Theoretical Computer Science, 2009, 244, 27-39.	0.9	5
392	Transmission Time Minimization Algorithms in Multihop Wireless Networks with Multiple Channels. , 2009, , .		0
393	Performance Analysis of Power-Aware Task Scheduling Algorithms on Multiprocessor Computers with Dynamic Voltage and Speed. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1484-1497.	4.0	98
394	Heuristic algorithms for routing and wavelength assignment in WDM optical networks. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	7
395	Average-Case Performance Analysis of Online Non-clairvoyant Scheduling of Parallel Tasks with Precedence Constraints. , 2007, , .		0
396	Analysis of Parallel Algorithms for Matrix Chain Product and Matrix Powers on Distributed Memory Systems. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 865-878.	4.0	5

#	ARTICLE	IF	CITATIONS
397	Average-Case Performance Evaluation of Online Algorithms for Routing and Wavelength Assignment in WDM Optical Networks. , 2007, , .		0
398	Average-case performance analysis of scheduling random parallel tasks with precedence constraints on mesh connected multicomputer systems. Journal of Parallel and Distributed Computing, 2006, 66, 1090-1102.	2.7	0
399	Optimal Period of Workload Redistribution for Dynamic Bulk Synchronous Computations in Heterogeneous Computing Systems. Journal of Supercomputing, 2006, 35, 205-226.	2.4	0
400	An average-case analysis of online non-clairvoyant scheduling of independent parallel tasks. Journal of Parallel and Distributed Computing, 2006, 66, 617-625.	2.7	5
401	Job scheduling and processor allocation for grid computing on metacomputers. Journal of Parallel and Distributed Computing, 2005, 65, 1406-1418.	2.7	29
402	Design and analysis of asymptotically optimal randomized tree embedding algorithms in static networks. Performance Evaluation, 2005, 60, 141-163.	0.9	3
403	Topological Characteristics of Random Multihop Wireless Networks. Cluster Computing, 2005, 8, 119-126.	3.5	18
404	Scheduling DAGs with random parallel tasks on binarily partitionable systems. International Journal of Parallel, Emergent and Distributed Systems, 2005, 20, 85-97.	0.7	0
405	AVERAGE-CASE SCALABILITY ANALYSIS OF PARALLEL COMPUTATIONS ON k-ARY d-CUBES. Journal of Interconnection Networks, 2004, 05, 27-45.	0.6	0
406	Fast and scalable parallel matrix computations with reconfigurable pipelined optical buses. International Journal of Parallel, Emergent and Distributed Systems, 2004, 19, 195-209.	0.4	2
407	Probabilistic Analysis of Cyclic Packet Transmission Scheduling in WDM Optical Networks. Telecommunication Systems, 2004, 25, 51-64.	1.6	4
408	Performance evaluation of a random-walk-based algorithm for embedding dynamically evolving trees in hypercubic networks. Concurrency Computation Practice and Experience, 2004, 16, 1327-1351.	1.4	7
409	Analysis of randomized load distribution for reproduction trees in linear arrays and rings. Theoretical Computer Science, 2004, 321, 195-214.	0.5	7
410	Highly Scalable Parallel Matrix Computing with Optical Buses. , 2004, , 80-121.		0
411	On the Performance of Randomized Embedding of Reproduction Trees in Static Networks. International Journal of Parallel Programming, 2003, 31, 393-406.	1.1	7
412	Parallel Processing of Divisible Loads on Partitionable Static Interconnection Networks. Cluster Computing, 2003, 6, 47-55.	3.5	27
413	Optimal Allocation Of Heterogeneous Robots In World Wide Web Search Engines. International Journal of Computer Mathematics, 2003, 80, 945-956.	1.0	0
414	Average-case scalability analysis of parallel computations on k-ary d-cubes. , 2002, , .		0

#	ARTICLE	IF	CITATIONS
415	Scheduling divisible tasks on heterogeneous linear arrays with applications to layered networks. , 2002, , .		2
416	Performance evaluation of a random-walk-based algorithm for embedding dynamically evolving trees in butterflies. , 2002, , .		2
417	Efficient parallel algorithms for distance maps of 2D binary images using an optical bus. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2002, 32, 228-236.	3.4	8
418	Average-Case Scalability Analysis of Parallel Computations. , 2002, , 51-95.		1
419	Parallel matrix multiplication on a linear array with a reconfigurable pipelined bus system. IEEE Transactions on Computers, 2001, 50, 519-525.	2.4	26
420	Scalable Parallel Matrix Multiplication on Distributed Memory Parallel Computers. Journal of Parallel and Distributed Computing, 2001, 61, 1709-1731.	2.7	12
421	AN EFFICIENT JOB SCHEDULING ALGORITHM IN PARTITIONABLE MESH CONNECTED SYSTEMS. International Journal of Foundations of Computer Science, 2001, 12, 763-773.	0.8	2
422	Title is missing!. Journal of Supercomputing, 2000, 15, 163-181.	2.4	33
423	Analytical Modelling of a Refined Fcfs Queueing Discipline in Multiprogrammed Parallel Processing Systems. International Journal of Modelling and Simulation, 2000, 20, 248-254.	2.3	0
424	A METHOD FOR EVALUATING THE EXPECTED LOAD OF DYNAMIC TREE EMBEDDINGS IN HYPERCUBES. International Journal of Foundations of Computer Science, 2000, 11, 207-230.	0.8	8
425	Asymptotically optimal probabilistic embedding algorithms for supporting tree structured computations in hypercubes. , 1999, , .		3
426	Efficient randomized load distribution for tree structured computations on parallel and distributed computer systems. International Journal of Computer Mathematics, 1999, 71, 21-34.	1.0	9
427	Analysis of the List Scheduling Algorithm for Precedence Constrained Parallel Tasks. Journal of Combinatorial Optimization, 1999, 3, 73-88.	0.8	16
428	Parallel Matrix Computations Using a Reconfigurable Pipelined Optical Bus. Journal of Parallel and Distributed Computing, 1999, 59, 13-30.	2.7	18
429	An improved constant-time algorithm for computing the Radon and Hough transforms on a reconfigurable mesh. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 1999, 29, 417-421.	3.4	17
430	Linear array with a reconfigurable pipelined bus system " Concepts and applications. Information Sciences, 1998, 106, 237-258.	4.0	96
431	Lower Bounds for Dynamic Tree Embedding in Bipartite Networks. Journal of Parallel and Distributed Computing, 1998, 53, 119-143.	2.7	14
432	FAST NEAREST NEIGHBOR ALGORITHMS ON A LINEAR ARRAY WITH A RECONFIGURABLE PIPELINED BUS SYSTEM. International Journal of Parallel, Emergent and Distributed Systems, 1998, 13, 1-25.	0.4	36

#	ARTICLE	IF	CITATIONS
433	Fast and processor efficient parallel matrix multiplication algorithms on a linear array with a reconfigurable pipelined bus system. IEEE Transactions on Parallel and Distributed Systems, 1998, 9, 705-720.	4.0	74
434	SOLVING THE TRAVELING SALESMAN PROBLEM USING EFFICIENT RANDOMIZED PARALLEL APPROXIMATION ALGORITHMS. International Journal of Parallel, Emergent and Distributed Systems, 1997, 10, 271-281.	0.4	1
435	Stochastic bounds for parallel program execution times with processor constraints. IEEE Transactions on Computers, 1997, 46, 630-636.	2.4	13
436	Title is missing!. Journal of Supercomputing, 1997, 11, 391-403.	2.4	24
437	A two-dimensional buddy system for dynamic resource allocation in a partitionable mesh connected system. Journal of Parallel and Distributed Computing, 1991, 12, 79-83.	2.7	121
438	On Three-Dimensional Packing. SIAM Journal on Computing, 1990, 19, 847-867.	0.8	54
439	Static job scheduling in partitionable mesh connected systems. Journal of Parallel and Distributed Computing, 1990, 10, 152-159.	2.7	24
440	Stochastic bounds for parallel program execution times with processor constraints. , 0, , .		1
441	Probabilistic performance analysis of scheduling parallel tasks with precedence constraints on mesh connected multicomputers. , 0, , .		4
442	A constant-time algorithm for computing the Euclidean Distance Transform on reconfigurable meshes. , 0, , .		0
443	An effective scheduling algorithm for parallel transaction processing systems. , 0, , .		1
444	Barrel shifter-a close approximation to the completely connected network in supporting dynamic tree structured computations. , 0, , .		8
445	Determining the expected load of dynamic tree embeddings in hypercubes. , 0, , .		8
446	Fast nearest neighbor algorithms on a linear array with a reconfigurable pipelined bus system. , 0, , .		2
447	Fault tolerant all-to-all broadcast in general interconnection networks. , 0, , .		1
448	Optimal dynamic location update for PCS networks. , 0, , .		17
449	Efficient algorithms for fault-tolerant communication in optical WDM networks. , 0, , .		0
450	Average-case analysis of isospeed scalability of parallel computations on multiprocessors. , 0, , .		3

#	ARTICLE	IF	CITATIONS
451	New addressing schemes for pipelined optical buses. , 0, , .		1
452	Probabilistic analysis of cyclic packet transmission scheduling in WDM optical networks. , 0, , .		4
453	Semigroup and prefix computations on improved generalized mesh-connected computers with multiple buses. , 0, , .		1
454	Scalable parallel matrix multiplication on distributed memory parallel computers. , 0, , .		2
455	Optimal allocation of heterogeneous robots in world wide web search engines. , 0, , .		0
456	Fast and scalable parallel algorithms for matrix chain product and matrix powers on distributed memory systems. , 0, , .		2
457	Topological characteristics of random multihop wireless networks. , 0, , .		7
458	Improved methods for divisible load distribution on k-dimensional meshes using pipelined communications. , 0, , .		0
459	Performance evaluation of heuristic algorithms for wavelength assignment in WDM optical networks. , 0, , .		0
460	Performance-aware cache management for energy-harvesting nonvolatile processors. Journal of Supercomputing, 0, , 1.	2.4	0
461	EPMC: efficient parallel memory compression in deep neural network training. Neural Computing and Applications, 0, , 1.	3.2	0
462	The g-extra diagnosability of the balanced hypercube under the PMC and MM* model. Journal of Supercomputing, 0, , 1.	2.4	3
463	Organizational Patterns for Security and Dependability. , 0, , 56-76.		0