Kenqin Li

List of Publications by Year
in descending order

373 papers	12,381 citations	23567 58 h-index	51608 86 g-index
376 all docs	376 docs citations	376 times ranked	8288 citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.6	324
2	An Energy-Efficient Task Scheduling Algorithm in DVFS-enabled Cloud Environment. Journal of Grid Computing, 2016, 14, 55-74.	3.9	218
3	Energy-Efficient Stochastic Task Scheduling on Heterogeneous Computing Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2867-2876.	5.6	191
4	A Survey of Intrusion Detection for In-Vehicle Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 919-933.	8.0	188
5	Performance Analysis and Optimization for SpMV on GPU Using Probabilistic Modeling. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 196-205.	5.6	187
6	Multi-User Multi-Task Computation Offloading in Green Mobile Edge Cloud Computing. IEEE Transactions on Services Computing, 2019, 12, 726-738.	4.6	185
7	vCUDA: GPU-Accelerated High-Performance Computing in Virtual Machines. IEEE Transactions on Computers, 2012, 61, 804-816.	3.4	171
8	Scheduling Precedence Constrained Stochastic Tasks on Heterogeneous Cluster Systems. IEEE Transactions on Computers, 2015, 64, 191-204.	3.4	165
9	Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1087-1096.	5.6	159
10	A Bi-layered Parallel Training Architecture for Large-Scale Convolutional Neural Networks. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 965-976.	5.6	145
11	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.	3.4	136
12	A Hybrid Chemical Reaction Optimization Scheme for Task Scheduling on Heterogeneous Computing Systems. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3208-3222.	5.6	135
13	Bi-objective workflow scheduling of the energy consumption and reliability in heterogeneous computing systems. Information Sciences, 2017, 379, 241-256.	6.9	134
14	A Parallel Multiclassification Algorithm for Big Data Using an Extreme Learning Machine. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2337-2351.	11.3	134
15	Minimizing SLA violation and power consumption in Cloud data centers using adaptive energy-aware algorithms. Future Generation Computer Systems, 2018, 86, 836-850.	7.5	128
16	Enhancing MOEA/D with information feedback models for large-scale many-objective optimization. Information Sciences, 2020, 522, 1-16.	6.9	127
17	A disease diagnosis and treatment recommendation system based on big data mining and cloud computing. Information Sciences, 2018, 435, 124-149.	6.9	123
18	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.	4.1	121

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19	A Profit Maximization Scheme with Guaranteed Quality of Service in Cloud Computing. IEEE Transactions on Computers, 2015, 64, 3064-3078.	3.4	114
20	Distributed Deep Learning Model for Intelligent Video Surveillance Systems with Edge Computing. IEEE Transactions on Industrial Informatics, 2024, , 1-1.	11.3	113
21	Performance Optimization Using Partitioned SpMV on GPUs and Multicore CPUs. IEEE Transactions on Computers, 2015, 64, 2623-2636.	3.4	110
22	A hierarchical reliability-driven scheduling algorithm in grid systems. Journal of Parallel and Distributed Computing, 2012, 72, 525-535.	4.1	107
23	A novel fuzzy deep-learning approach to traffic flow prediction with uncertain spatialâ€"temporal data features. Future Generation Computer Systems, 2018, 89, 78-88.	7.5	106
24	Multiple convolutional neural networks for multivariate time series prediction. Neurocomputing, 2019, 360, 107-119.	5.9	104
25	Efficient task scheduling for budget constrained parallel applications on heterogeneous cloud computing systems. Future Generation Computer Systems, 2017, 74, 1-11.	7.5	103
26	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.	5.6	98
27	Resource allocation and computation offloading with data security for mobile edge computing. Future Generation Computer Systems, 2019, 100, 531-541.	7.5	98
28	Linear array with a reconfigurable pipelined bus system â€" Concepts and applications. Information Sciences, 1998, 106, 237-258.	6.9	96
29	A New Service Mechanism for Profit Optimizations of a Cloud Provider and Its Users. IEEE Transactions on Cloud Computing, 2021, 9, 14-26.	4.4	95
30	GPU-Accelerated Parallel Hierarchical Extreme Learning Machine on Flink for Big Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2740-2753.	9.3	92
31	Performance-Aware Model for Sparse Matrix-Matrix Multiplication on the Sunway TaihuLight Supercomputer. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 923-938.	5.6	89
32	A survey of optimization techniques for thermal-aware 3D processors. Journal of Systems Architecture, 2019, 97, 397-415.	4.3	89
33	Hybrid multi-objective evolutionary algorithms based on decomposition for wireless sensor network coverage optimization. Applied Soft Computing Journal, 2018, 68, 268-282.	7.2	85
34	An Efficiency-boosting Client Selection Scheme for Federated Learning with Fairness Guarantee. IEEE Transactions on Parallel and Distributed Systems, 2020, , 1-1.	5.6	83
35	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.	5.6	80
36	A double PUF-based RFID identity authentication protocol in service-centric internet of things environments. Information Sciences, 2019, 503, 129-147.	6.9	79

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37	Scheduling Precedence Constrained Tasks with Reduced Processor Energy on Multiprocessor Computers. IEEE Transactions on Computers, 2012, 61, 1668-1681.	3.4	78
38	Adaptive Processing for Distributed Skyline Queries over Uncertain Data. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 371-384.	5.7	77
39	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.	5.6	77
40	Profit Maximization for Cloud Brokers in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 190-203.	5.6	77
41	A Game Approach to Multi-Servers Load Balancing with Load-Dependent Server Availability Consideration. IEEE Transactions on Cloud Computing, 2021, 9, 1-13.	4.4	77
42	Strategy Configurations of Multiple Users Competition for Cloud Service Reservation. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 508-520.	5.6	75
43	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.	5.6	74
44	Dual Model Learning Combined With Multiple Feature Selection for Accurate Visual Tracking. IEEE Access, 2019, 7, 43956-43969.	4.2	71
45	Multistep-ahead forecasting of coal prices using a hybrid deep learning model. Resources Policy, 2020, 65, 101588.	9.6	71
46	Reliability-aware scheduling strategy for heterogeneous distributed computing systems. Journal of Parallel and Distributed Computing, 2010, 70, 941-952.	4.1	69
47	CASpMV: A Customized and Accelerative SpMV Framework for the Sunway TaihuLight. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 131-146.	5.6	69
48	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.	5.6	69
49	Spectrum Resource Sharing in Heterogeneous Vehicular Networks: A Noncooperative Game-Theoretic Approach With Correlated Equilibrium. IEEE Transactions on Vehicular Technology, 2018, 67, 9449-9458.	6.3	68
50	CP-ABSE: A Ciphertext-Policy Attribute-Based Searchable Encryption Scheme. IEEE Access, 2019, 7, 5682-5694.	4.2	68
51	A task-level adaptive MapReduce framework for real-time streaming data in healthcare applications. Future Generation Computer Systems, 2015, 43-44, 149-160.	7.5	67
52	Toward trustworthy cloud service selection: A time-aware approach using interval neutrosophic set. Journal of Parallel and Distributed Computing, 2016, 96, 75-94.	4.1	66
53	A stochastic scheduling algorithm for precedence constrained tasks on Grid. Future Generation Computer Systems, 2011, 27, 1083-1091.	7.5	65
54	A Framework of Price Bidding Configurations for Resource Usage in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2168-2181.	5.6	64

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55	Energy-Efficient Scheduling Algorithms for Real-Time Parallel Applications on Heterogeneous Distributed Embedded Systems. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 3426-3442.	5.6	63
56	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.	4.1	62
57	Stackelberg Game Approach for Energy-Aware Resource Allocation in Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3646-3658.	5.6	62
58	Energy-Aware Processor Merging Algorithms for Deadline Constrained Parallel Applications in Heterogeneous Cloud Computing. IEEE Transactions on Sustainable Computing, 2017, 2, 62-75.	3.1	62
59	A periodicity-based parallel time series prediction algorithm in cloud computing environments. Information Sciences, 2019, 496, 506-537.	6.9	61
60	An adaptive heuristic for managing energy consumption and overloaded hosts in a cloud data center. Wireless Networks, 2020, 26, 1905-1919.	3.0	61
61	Energy efficient scheduling of parallel tasks onÂmultiprocessor computers. Journal of Supercomputing, 2012, 60, 223-247.	3.6	60
62	Adaptive Dynamic Scheduling on Multifunctional Mixed-Criticality Automotive Cyber-Physical Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 6676-6692.	6.3	60
63	Minimizing Energy Consumption of Real-Time Parallel Applications Using Downward and Upward Approaches on Heterogeneous Systems. IEEE Transactions on Industrial Informatics, 2017, 13, 1068-1078.	11.3	59
64	An intermediate data placement algorithm for load balancing in Spark computing environment. Future Generation Computer Systems, 2018, 78, 287-301.	7.5	59
65	Hadoop Recognition of Biomedical Named Entity Using Conditional Random Fields. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3040-3051.	5.6	58
66	An angle dominance criterion for evolutionary many-objective optimization. Information Sciences, 2020, 509, 376-399.	6.9	58
67	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.	4.6	57
68	Power and performance management for parallel computations in clouds and data centers. Journal of Computer and System Sciences, 2016, 82, 174-190.	1.2	57
69	Energy-Efficient Fault-Tolerant Scheduling of Reliable Parallel Applications on Heterogeneous Distributed Embedded Systems. IEEE Transactions on Sustainable Computing, 2018, 3, 167-181.	3.1	57
70	High performance real-time scheduling of multiple mixed-criticality functions in heterogeneous distributed embedded systems. Journal of Systems Architecture, 2016, 70, 3-14.	4.3	56
71	An Intelligent Economic Approach for Dynamic Resource Allocation in Cloud Services. IEEE Transactions on Cloud Computing, 2015, 3, 275-289.	4.4	55
72	FlinkCL: An OpenCL-Based In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. IEEE Transactions on Computers, 2018, 67, 1765-1779.	3.4	55

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73	On Three-Dimensional Packing. SIAM Journal on Computing, 1990, 19, 847-867.	1.0	54
74	Customer-Satisfaction-Aware Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. IEEE Transactions on Sustainable Computing, 2017, 2, 17-29.	3.1	54
75	Resource Consumption Cost Minimization of Reliable Parallel Applications on Heterogeneous Embedded Systems. IEEE Transactions on Industrial Informatics, 2017, 13, 1629-1640.	11.3	54
76	Min-Max Cost Optimization for Efficient Hierarchical Federated Learning in Wireless Edge Networks. IEEE Transactions on Parallel and Distributed Systems, 2022, , 1-1.	5.6	54
77	Reporting l most influential objects in uncertain databases based on probabilistic reverse top-k queries. Information Sciences, 2017, 405, 207-226.	6.9	52
78	Minimizing Redundancy to Satisfy Reliability Requirement for a Parallel Application on Heterogeneous Service-Oriented Systems. IEEE Transactions on Services Computing, 2020, 13, 871-886.	4.6	52
79	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.	5.6	52
80	Hybrid immune algorithm based on greedy algorithm and delete-cross operator for solving TSP. Soft Computing, 2016, 20, 555-566.	3.6	51
81	Efficient monochromatic and bichromatic probabilistic reverse top-k query processing for uncertain big data. Journal of Computer and System Sciences, 2017, 89, 92-113.	1.2	51
82	Fast Functional Safety Verification for Distributed Automotive Applications During Early Design Phase. IEEE Transactions on Industrial Electronics, 2018, 65, 4378-4391.	7.9	51
83	GOI: A Novel Design for Vehicle Positioning and Trajectory Prediction Under Urban Environments. IEEE Sensors Journal, 2018, 18, 5586-5594.	4.7	51
84	Spatial-Temporal Aware Inductive Graph Neural Network for C-ITS Data Recovery. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 8431-8442.	8.0	50
85	Reliability Enhancement Toward Functional Safety Goal Assurance in Energy-Aware Automotive Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 5447-5462.	11.3	48
86	Dynamic forecast scheduling algorithm for virtual machine placement in cloud computing environment. Journal of Supercomputing, 2014, 70, 1279-1296.	3.6	47
87	DataABC: A fast ABC based energy-efficient live VM consolidation policy with data-intensive energy evaluation model. Future Generation Computer Systems, 2017, 74, 132-141.	7.5	46
88	Fine-Grained Energy Consumption Model of Servers Based on Task Characteristics in Cloud Data Center. IEEE Access, 2018, 6, 27080-27090.	4.2	46
89	A high-performance CNN method for offline handwritten Chinese character recognition and visualization. Soft Computing, 2020, 24, 7977-7987.	3.6	46
90	RISC: ICN routing mechanism incorporating SDN and community division. Computer Networks, 2017, 123, 88-103.	5.1	45

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91	Stop-and-Wait: Discover Aggregation Effect Based on Private Car Trajectory Data. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3623-3633.	8.0	45
92	Computation Offloading Strategy Optimization with Multiple Heterogeneous Servers in Mobile Edge Computing. IEEE Transactions on Sustainable Computing, 2024, , 1-1.	3.1	45
93	A novel density peaks clustering algorithm based on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e2981" altimg="si249.gif"><mml:mi>k</mml:mi></mml:math> nearest neighbors for improving assignment process. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 702-713.	2.6	45
94	A Parallel Patient Treatment Time Prediction Algorithm and Its Applications in Hospital Queuing-Recommendation in a Big Data Environment. IEEE Access, 2016, 4, 1767-1783.	4.2	44
95	Region-to-boundary deep learning model with multi-scale feature fusion for medical image segmentation. Biomedical Signal Processing and Control, 2022, 71, 103165.	5.7	44
96	Energy-aware task scheduling in heterogeneous computing environments. Cluster Computing, 2014, 17, 537-550.	5.0	43
97	A hybrid computing method of SpMV on CPU–GPU heterogeneous computing systems. Journal of Parallel and Distributed Computing, 2017, 104, 49-60.	4.1	43
98	Time-aware trustworthiness ranking prediction for cloud services using interval neutrosophic set and ELECTRE. Knowledge-Based Systems, 2017, 138, 27-45.	7.1	43
99	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.	7.5	43
100	Graphene-Grid Deployment in Energy Harvesting Cooperative Wireless Sensor Networks for Green IoT. IEEE Transactions on Industrial Informatics, 2019, 15, 1820-1829.	11.3	43
101	Privacy-preserving range query over multi-source electronic health records in public clouds. Journal of Parallel and Distributed Computing, 2020, 135, 127-139.	4.1	43
102	A Reliability-aware Task Scheduling Algorithm Based on Replication on Heterogeneous Computing Systems. Journal of Grid Computing, 2017, 15, 23-39.	3.9	42
103	Energy management for multiple real-time workflows on cyber–physical cloud systems. Future Generation Computer Systems, 2020, 105, 916-931.	7.5	42
104	Fetal cardiac cycle detection in multi-resource echocardiograms using hybrid classification framework. Future Generation Computer Systems, 2021, 115, 825-836.	7.5	42
105	Improving Multicore Server Performance and Reducing Energy Consumption by Workload Dependent Dynamic Power Management. IEEE Transactions on Cloud Computing, 2016, 4, 122-137.	4.4	41
106	A multi-user searchable encryption scheme with keyword authorization in a cloud storage. Future Generation Computer Systems, 2017, 72, 208-218.	7.5	41
107	Exploiting Spatio-Temporal Correlations with Multiple 3D Convolutional Neural Networks for Citywide Vehicle Flow Prediction. , 2018, , .		41
108	A novel recurrent neural network and its finite-time solution to time-varying complex matrix inversion. Neurocomputing, 2019, 331, 483-492.	5.9	41

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109	Selection-based resampling ensemble algorithm for nonstationary imbalanced stream data learning. Knowledge-Based Systems, 2019, 163, 705-722.	7.1	41
110	Energy-aware preemptive scheduling algorithm for sporadic tasks on DVS platform. Microprocessors and Microsystems, 2013, 37, 99-112.	2.8	40
111	Energy and time constrained task scheduling on multiprocessor computers with discrete speed levels. Journal of Parallel and Distributed Computing, 2016, 95, 15-28.	4.1	39
112	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.	3.1	38
113	Multi-Objective VM Consolidation Based on Thresholds and Ant Colony System in Cloud Computing. IEEE Access, 2019, 7, 53441-53453.	4.2	38
114	Towards Distributed SDN: Mobility Management and Flow Scheduling in Software Defined Urban IoT. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1400-1418.	5.6	38
115	Optimal load distribution in nondedicated heterogeneous cluster and grid computing environments. Journal of Systems Architecture, 2008, 54, 111-123.	4.3	37
116	A Fund-Constrained Investment Scheme for Profit Maximization in Cloud Computing. IEEE Transactions on Services Computing, 2018, 11, 893-907.	4.6	37
117	A Game-Based Approach for Cost-Aware Task Assignment With QoS Constraint in Collaborative Edge and Cloud Environments. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 1629-1640.	5.6	37
118	Co-Attention Network With Question Type for Visual Question Answering. IEEE Access, 2019, 7, 40771-40781.	4.2	36
119	Optimal Virtual Machine Placement Based on Grey Wolf Optimization. Electronics (Switzerland), 2019, 8, 283.	3.1	36
120	A query privacy-enhanced and secure search scheme over encrypted data in cloud computing. Journal of Computer and System Sciences, 2017, 90, 14-27.	1.2	35
121	Quantitative Fault-Tolerance for Reliable Workflows on Heterogeneous IaaS Clouds. IEEE Transactions on Cloud Computing, 2020, 8, 1223-1236.	4.4	35
122	Managing overloaded hosts for energy-efficiency in cloud data centers. Cluster Computing, 2021, 24, 2001-2015.	5.0	35
123	Managing performance and power consumption tradeoff for multiple heterogeneous servers in cloud computing. Cluster Computing, 2014, 17, 943-955.	5.0	34
124	Minimizing Schedule Length of Energy Consumption Constrained Parallel Applications on Heterogeneous Distributed Systems. , 2016, , .		34
125	Energy-Efficient Resource Utilization for Heterogeneous Embedded Computing Systems. IEEE Transactions on Computers, 2017, 66, 1518-1531.	3.4	34
126	Adversarial de-noising of electrocardiogram. Neurocomputing, 2019, 349, 212-224.	5.9	34

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127	Boafft: Distributed Deduplication for Big Data Storage in the Cloud. IEEE Transactions on Cloud Computing, 2020, 8, 1199-1211.	4.4	34
128	DLEA: A dynamic learning evolution algorithm for many-objective optimization. Information Sciences, 2021, 574, 567-589.	6.9	34
129	Title is missing!. Journal of Supercomputing, 2000, 15, 163-181.	3.6	33
130	GDPC: Gravitation-based Density Peaks Clustering algorithm. Physica A: Statistical Mechanics and Its Applications, 2018, 502, 345-355.	2.6	33
131	Multiple local 3D CNNs for region-based prediction in smart cities. Information Sciences, 2021, 542, 476-491.	6.9	33
132	WCRT Analysis of CAN Messages in Gateway-Integrated In-Vehicle Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9623-9637.	6.3	32
133	Brain Medical Image Fusion Using <i>L2</i>-Norm-Based Features and Fuzzy-Weighted Measurements in 2-D Littlewoodâ€"Paley EWT Domain. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5900-5913.	4.7	32
134	An efficient manifold regularized sparse non-negative matrix factorization model for large-scale recommender systems on GPUs. Information Sciences, 2019, 496, 464-484.	6.9	31
135	M-Skyline: Taking sunk cost and alternative recommendation in consideration for skyline query on uncertain data. Knowledge-Based Systems, 2019, 163, 204-213.	7.1	31
136	STSA: A sine Tree-Seed Algorithm for complex continuous optimization problems. Physica A: Statistical Mechanics and Its Applications, 2020, 537, 122802.	2.6	31
137	Optimal configuration of a multicore server processor for managing the power and performance tradeoff. Journal of Supercomputing, 2012, 61, 189-214.	3.6	30
138	Minimal Cost Server Configuration for Meeting Time-Varying Resource Demands in Cloud Centers. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2503-2513.	5.6	30
139	Progressive Approaches for Pareto Optimal Groups Computation. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 521-534.	5.7	30
140	Job scheduling and processor allocation for grid computing on metacomputers. Journal of Parallel and Distributed Computing, 2005, 65, 1406-1418.	4.1	29
141	Minimizing Development Cost With Reliability Goal for Automotive Functional Safety During Design Phase. IEEE Transactions on Reliability, 2018, 67, 196-211.	4.6	29
142	An Energy-Aware Algorithm for Virtual Machine Placement in Cloud Computing. IEEE Access, 2019, 7, 55659-55668.	4.2	29
143	A whale optimization system for energy-efficient container placement in data centers. Expert Systems With Applications, 2021, 164, 113719.	7.6	29
144	Optimal Load Distribution for Multiple Heterogeneous Blade Servers in a Cloud Computing Environment. Journal of Grid Computing, 2013, 11, 27-46.	3.9	28

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145	Modeling and Analysis of the Thermal Properties Exhibited by Cyberphysical Data Centers. IEEE Systems Journal, 2017, 11, 163-172.	4.6	28
146	Hardware Cost Design Optimization for Functional Safety-Critical Parallel Applications on Heterogeneous Distributed Embedded Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 2418-2431.	11.3	28
147	Deep end-to-end learning for price prediction of second-hand items. Knowledge and Information Systems, 2020, 62, 4541-4568.	3.2	28
148	A Taxonomy and Survey of Power Models and Power Modeling for Cloud Servers. ACM Computing Surveys, 2021, 53, 1-41.	23.0	28
149	Fault-Tolerant Dynamic Rescheduling for Heterogeneous Computing Systems. Journal of Grid Computing, 2015, 13, 507-525.	3.9	27
150	DPC-LG: Density peaks clustering based on logistic distribution and gravitation. Physica A: Statistical Mechanics and Its Applications, 2019, 514, 25-35.	2.6	27
151	Parallel matrix multiplication on a linear array with a reconfigurable pipelined bus system. IEEE Transactions on Computers, 2001, 50, 519-525.	3.4	26
152	A resource-aware scheduling algorithm with reduced task duplication on heterogeneous computing systems. Journal of Supercomputing, 2014, 68, 1347-1377.	3.6	26
153	Contention-Aware Reliability Efficient Scheduling on Heterogeneous Computing Systems. IEEE Transactions on Sustainable Computing, 2018, 3, 182-194.	3.1	26
154	Design and Application of an Attractiveness Index for Urban Hotspots Based on GPS Trajectory Data. IEEE Access, 2018, 6, 55976-55985.	4.2	26
155	Minimizing energy consumption with reliability goal on heterogeneous embedded systems. Journal of Parallel and Distributed Computing, 2019, 127, 44-57.	4.1	26
156	IDH-CAN: A Hardware-Based ID Hopping CAN Mechanism With Enhanced Security for Automotive Real-Time Applications. IEEE Access, 2018, 6, 54607-54623.	4.2	25
157	Heuristic Computation Offloading Algorithms for Mobile Users in Fog Computing. Transactions on Embedded Computing Systems, 2021, 20, 1-28.	2.9	25
158	Static job scheduling in partitionable mesh connected systems. Journal of Parallel and Distributed Computing, 1990, 10, 152-159.	4.1	24
159	Title is missing!. Journal of Supercomputing, 1997, 11, 391-403.	3.6	24
160	Slack allocation algorithm for energy minimization in cluster systems. Future Generation Computer Systems, 2017, 74, 119-131.	7.5	24
161	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.	11.3	24
162	A novel task scheduling scheme in a cloud computing environment using hybrid biogeography-based optimization. Soft Computing, 2019, 23, 11035-11054.	3.6	24

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163	COVID-19 diagnosis from CT scans and chest X-ray images using low-cost Raspberry Pi. PLoS ONE, 2021, 16, e0250688.	2.5	24
164	A Survey of Low-Energy Parallel Scheduling Algorithms. IEEE Transactions on Sustainable Computing, 2022, 7, 27-46.	3.1	24
165	MTSD: A Task Scheduling Algorithm for MapReduce Base on Deadline Constraints. , 2012, , .		23
166	CRFs based parallel biomedical named entity recognition algorithm employing MapReduce framework. Cluster Computing, 2015, 18, 493-505.	5.0	23
167	An Artificial Neural Network Approach to Power Consumption Model Construction for Servers in Cloud Data Centers. IEEE Transactions on Sustainable Computing, 2020, 5, 329-340.	3.1	23
168	A Game-Based Price Bidding Algorithm for Multi-Attribute Cloud Resource Provision. IEEE Transactions on Services Computing, 2021, 14, 1111-1122.	4.6	23
169	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.	4.4	23
170	Efficient Distributed Approaches to Core Maintenance on Large Dynamic Graphs. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 129-143.	5.6	23
171	Energy-Efficient Task Scheduling on Multiple Heterogeneous Computers: Algorithms, Analysis, and Performance Evaluation. IEEE Transactions on Sustainable Computing, 2016, 1, 7-19.	3.1	22
172	Envy-free auction mechanism for VM pricing and allocation in clouds. Future Generation Computer Systems, 2018, 86, 680-693.	7.5	21
173	Collaborative Optimization of Service Composition for Data-Intensive Applications in a Hybrid Cloud. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1022-1035.	5.6	21
174	A hybrid particle swarm optimization algorithm for load balancing of MDS on heterogeneous computing systems. Neurocomputing, 2019, 330, 380-393.	5.9	21
175	Quantitative Modeling and Analytical Calculation of Elasticity in Cloud Computing. IEEE Transactions on Cloud Computing, 2020, 8, 1135-1148.	4.4	21
176	An Ultra-Lightweight Encryption Scheme in Underwater Acoustic Networks. Journal of Sensors, 2016, 2016, 1-10.	1.1	20
177	A survey of energy-saving technologies in cloud data centers. Journal of Supercomputing, 2021, 77, 13385-13420.	3.6	20
178	Multiobjective Optimization for Joint Task Offloading, Power Assignment, and Resource Allocation in Mobile Edge Computing. IEEE Internet of Things Journal, 2022, 9, 11737-11748.	8.7	20
179	Building a fault tolerant framework with deadline guarantee in big data stream computing environments. Journal of Computer and System Sciences, 2017, 89, 4-23.	1.2	19
180	A Data Skew Oriented Reduce Placement Algorithm Based on Sampling. IEEE Transactions on Cloud Computing, 2020, 8, 1149-1161.	4.4	19

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181	Multi-task cascade deep convolutional neural networks for large-scale commodity recognition. Neural Computing and Applications, 2020, 32, 5633-5647.	5.6	19
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