

# Keqin Li

## List of Publications by Year in descending order

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463  
papers

12,594  
citations

26610

56  
h-index

51562

86  
g-index

465  
all docs

465  
docs citations

465  
times ranked

8378  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive survey of Network Function Virtualization. <i>Computer Networks</i> , 2018, 133, 212-262.	3.2	361
2	A Parallel Random Forest Algorithm for Big Data in a Spark Cloud Computing Environment. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2017, 28, 919-933.	4.0	324
3	A genetic algorithm for task scheduling on heterogeneous computing systems using multiple priority queues. <i>Information Sciences</i> , 2014, 270, 255-287.	4.0	317
4	An Energy-Efficient Task Scheduling Algorithm in DVFS-enabled Cloud Environment. <i>Journal of Grid Computing</i> , 2016, 14, 55-74.	2.5	218
5	Energy-Efficient Stochastic Task Scheduling on Heterogeneous Computing Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014, 25, 2867-2876.	4.0	191
6	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
7	Multi-User Multi-Task Computation Offloading in Green Mobile Edge Cloud Computing. <i>IEEE Transactions on Services Computing</i> , 2019, 12, 726-738.	3.2	185
8	Scheduling Precedence Constrained Stochastic Tasks on Heterogeneous Cluster Systems. <i>IEEE Transactions on Computers</i> , 2015, 64, 191-204.	2.4	165
9	Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2013, 24, 1087-1096.	4.0	159
10	A Bi-layered Parallel Training Architecture for Large-Scale Convolutional Neural Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019, 30, 965-976.	4.0	145
11	Optimal Power Allocation and Load Distribution for Multiple Heterogeneous Multicore Server Processors across Clouds and Data Centers. <i>IEEE Transactions on Computers</i> , 2014, 63, 45-58.	2.4	136
12	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
13	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
14	A Parallel Multiclassification Algorithm for Big Data Using an Extreme Learning Machine. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 2337-2351.	7.2	134
15	Maximizing reliability with energy conservation for parallel task scheduling in a heterogeneous cluster. <i>Information Sciences</i> , 2015, 319, 113-131.	4.0	128
16	Minimizing SLA violation and power consumption in Cloud data centers using adaptive energy-aware algorithms. <i>Future Generation Computer Systems</i> , 2018, 86, 836-850.	4.9	128
17	A two-dimensional buddy system for dynamic resource allocation in a partitionable mesh connected system. <i>Journal of Parallel and Distributed Computing</i> , 1991, 12, 79-83.	2.7	121
18	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

#	ARTICLE	IF	CITATIONS
19	Distributed Deep Learning Model for Intelligent Video Surveillance Systems with Edge Computing. IEEE Transactions on Industrial Informatics, 2024, , 1-1.	7.2	113
20	Performance Optimization Using Partitioned SpMV on GPUs and Multicore CPUs. IEEE Transactions on Computers, 2015, 64, 2623-2636.	2.4	110
21	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
22	Efficient task scheduling for budget constrained parallel applications on heterogeneous cloud computing systems. Future Generation Computer Systems, 2017, 74, 1-11.	4.9	103
23	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
24	Linear array with a reconfigurable pipelined bus system " Concepts and applications. Information Sciences, 1998, 106, 237-258.	4.0	96
25	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
26	GPU-Accelerated Parallel Hierarchical Extreme Learning Machine on Flink for Big Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2740-2753.	5.9	92
27	Sliding Window Optimized Information Entropy Analysis Method for Intrusion Detection on In-Vehicle Networks. IEEE Access, 2018, 6, 45233-45245.	2.6	92
28	Network Consistency Projection for Human miRNA-Disease Associations Inference. Scientific Reports, 2016, 6, 36054.	1.6	89
29	Global network random walk for predicting potential human lncRNA-disease associations. Scientific Reports, 2017, 7, 12442.	1.6	89
30	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
31	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
32	An Ensemble CNN2ELM for Age Estimation. IEEE Transactions on Information Forensics and Security, 2018, 13, 758-772.	4.5	79
33	Scheduling Precedence Constrained Tasks with Reduced Processor Energy on Multiprocessor Computers. IEEE Transactions on Computers, 2012, 61, 1668-1681.	2.4	78
34	Adaptive Processing for Distributed Skyline Queries over Uncertain Data. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 371-384.	4.0	77
35	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
36	Profit Maximization for Cloud Brokers in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 190-203.	4.0	77

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37	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
38	Strategy Configurations of Multiple Users Competition for Cloud Service Reservation. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 508-520.	4.0	75
39	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
40	Dual Model Learning Combined With Multiple Feature Selection for Accurate Visual Tracking. IEEE Access, 2019, 7, 43956-43969.	2.6	71
41	A Stackelberg game approach to multiple resources allocation and pricing in mobile edge computing. Future Generation Computer Systems, 2020, 108, 273-287.	4.9	71
42	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
43	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
44	CP-ABSE: A Ciphertext-Policy Attribute-Based Searchable Encryption Scheme. IEEE Access, 2019, 7, 5682-5694.	2.6	68
45	A Framework of Price Bidding Configurations for Resource Usage in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2168-2181.	4.0	64
46	Seeksv: an accurate tool for somatic structural variation and virus integration detection. Bioinformatics, 2017, 33, 184-191.	1.8	64
47	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.	4.0	63
48	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
49	Parallel hybrid PSO with CUDA for 2D heat conduction equation. Computers and Fluids, 2015, 110, 198-210.	1.3	62
50	Stackelberg Game Approach for Energy-Aware Resource Allocation in Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3646-3658.	4.0	62
51	Energy-Aware Processor Merging Algorithms for Deadline Constrained Parallel Applications in Heterogeneous Cloud Computing. IEEE Transactions on Sustainable Computing, 2017, 2, 62-75.	2.2	62
52	An adaptive heuristic for managing energy consumption and overloaded hosts in a cloud data center. Wireless Networks, 2020, 26, 1905-1919.	2.0	61
53	Energy efficient scheduling of parallel tasks on multiprocessor computers. Journal of Supercomputing, 2012, 60, 223-247.	2.4	60
54	Adaptive Dynamic Scheduling on Multifunctional Mixed-Criticality Automotive Cyber-Physical Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 6676-6692.	3.9	60

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55	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
56	An intermediate data placement algorithm for load balancing in Spark computing environment. <i>Future Generation Computer Systems</i> , 2018, 78, 287-301.	4.9	59
57	Hadoop Recognition of Biomedical Named Entity Using Conditional Random Fields. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015, 26, 3040-3051.	4.0	58
58	An angle dominance criterion for evolutionary many-objective optimization. <i>Information Sciences</i> , 2020, 509, 376-399.	4.0	58
59	Energy-Aware Data Allocation and Task Scheduling on Heterogeneous Multiprocessor Systems With Time Constraints. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2014, 2, 134-148.	3.2	57
60	Virtual Machine Placement Algorithm for Both Energy-Awareness and SLA Violation Reduction in Cloud Data Centers. <i>Scientific Programming</i> , 2016, 2016, 1-11.	0.5	57
61	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
62	Energy-Efficient Fault-Tolerant Scheduling of Reliable Parallel Applications on Heterogeneous Distributed Embedded Systems. <i>IEEE Transactions on Sustainable Computing</i> , 2018, 3, 167-181.	2.2	57
63	Slow-movement particle swarm optimization algorithms for scheduling security-critical tasks in resource-limited mobile edge computing. <i>Future Generation Computer Systems</i> , 2020, 112, 148-161.	4.9	57
64	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
65	An Intelligent Economic Approach for Dynamic Resource Allocation in Cloud Services. <i>IEEE Transactions on Cloud Computing</i> , 2015, 3, 275-289.	3.1	55
66	FlinkCL: An OpenCL-Based In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. <i>IEEE Transactions on Computers</i> , 2018, 67, 1765-1779.	2.4	55
67	A Survey on Applications of Artificial Intelligence in Fighting Against COVID-19. <i>ACM Computing Surveys</i> , 2022, 54, 1-32.	16.1	55
68	On Three-Dimensional Packing. <i>SIAM Journal on Computing</i> , 1990, 19, 847-867.	0.8	54
69	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
70	Min-Max Cost Optimization for Efficient Hierarchical Federated Learning in Wireless Edge Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022, , 1-1.	4.0	54
71	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
72	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

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73	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
74	Hybrid immune algorithm based on greedy algorithm and delete-cross operator for solving TSP. Soft Computing, 2016, 20, 555-566.	2.1	51
75	Efficient monochromatic and bichromatic probabilistic reverse top-k query processing for uncertain big data. Journal of Computer and System Sciences, 2017, 89, 92-113.	0.9	51
76	Fast Functional Safety Verification for Distributed Automotive Applications During Early Design Phase. IEEE Transactions on Industrial Electronics, 2018, 65, 4378-4391.	5.2	51
77	GOI: A Novel Design for Vehicle Positioning and Trajectory Prediction Under Urban Environments. IEEE Sensors Journal, 2018, 18, 5586-5594.	2.4	51
78	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
79	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
80	Dynamic forecast scheduling algorithm for virtual machine placement in cloud computing environment. Journal of Supercomputing, 2014, 70, 1279-1296.	2.4	47
81	Adaptive Workflow Scheduling on Cloud Computing Platforms with Iterative Ordinal Optimization. IEEE Transactions on Cloud Computing, 2015, 3, 156-168.	3.1	46
82	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.	4.9	46
83	Fine-Grained Energy Consumption Model of Servers Based on Task Characteristics in Cloud Data Center. IEEE Access, 2018, 6, 27080-27090.	2.6	46
84	A high-performance CNN method for offline handwritten Chinese character recognition and visualization. Soft Computing, 2020, 24, 7977-7987.	2.1	46
85	RISC: ICN routing mechanism incorporating SDN and community division. Computer Networks, 2017, 123, 88-103.	3.2	45
86	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
87	Computation Offloading Strategy Optimization with Multiple Heterogeneous Servers in Mobile Edge Computing. IEEE Transactions on Sustainable Computing, 2024, , 1-1.	2.2	45
88	Liquid: A Scalable Deduplication File System for Virtual Machine Images. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1257-1266.	4.0	44
89	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.	2.6	44
90	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

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91	Energy-aware task scheduling in heterogeneous computing environments. Cluster Computing, 2014, 17, 537-550.	3.5	43
92	Top Favorite Probabilistic Products Queries. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2808-2821.	4.0	43
93	Modeling and Performance Analysis of a Tracking-Area-List-Based Location Management Scheme in LTE Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 6417-6431.	3.9	43
94	A hybrid computing method of SpMV on CPU-GPU heterogeneous computing systems. Journal of Parallel and Distributed Computing, 2017, 104, 49-60.	2.7	43
95	Fuzzy Group-Based Intersection Control via Vehicular Networks for Smart Transportations. IEEE Transactions on Industrial Informatics, 2017, 13, 751-758.	7.2	43
96	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
97	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
98	Privacy-preserving range query over multi-source electronic health records in public clouds. Journal of Parallel and Distributed Computing, 2020, 135, 127-139.	2.7	43
99	A Reliability-aware Task Scheduling Algorithm Based on Replication on Heterogeneous Computing Systems. Journal of Grid Computing, 2017, 15, 23-39.	2.5	42
100	Energy management for multiple real-time workflows on cyber-physical cloud systems. Future Generation Computer Systems, 2020, 105, 916-931.	4.9	42
101	Efficient top-(k,l) range query processing for uncertain data based on multicore architectures. Distributed and Parallel Databases, 2015, 33, 381-413.	1.0	41
102	Improving Multicore Server Performance and Reducing Energy Consumption by Workload Dependent Dynamic Power Management. IEEE Transactions on Cloud Computing, 2016, 4, 122-137.	3.1	41
103	Secure conjunctive multi-keyword ranked search over encrypted cloud data for multiple data owners. Future Generation Computer Systems, 2019, 100, 689-700.	4.9	40
104	A Hybrid Parallel Solving Algorithm on GPU for Quasi-Tridiagonal System of Linear Equations. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 2795-2808.	4.0	39
105	Energy and time constrained task scheduling on multiprocessor computers with discrete speed levels. Journal of Parallel and Distributed Computing, 2016, 95, 15-28.	2.7	39
106	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
107	Multi-Objective VM Consolidation Based on Thresholds and Ant Colony System in Cloud Computing. IEEE Access, 2019, 7, 53441-53453.	2.6	38
108	A Fund-Constrained Investment Scheme for Profit Maximization in Cloud Computing. IEEE Transactions on Services Computing, 2018, 11, 893-907.	3.2	37

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109	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
110	Systematic Data Placement Optimization in Multi-Cloud Storage for Complex Requirements. IEEE Transactions on Computers, 2016, 65, 1964-1977.	2.4	36
111	Analysis of Distance-Based Location Management in Wireless Communication Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 225-238.	4.0	35
112	A query privacy-enhanced and secure search scheme over encrypted data in cloud computing. Journal of Computer and System Sciences, 2017, 90, 14-27.	0.9	35
113	Managing overloaded hosts for energy-efficiency in cloud data centers. Cluster Computing, 2021, 24, 2001-2015.	3.5	35
114	Managing performance and power consumption tradeoff for multiple heterogeneous servers in cloud computing. Cluster Computing, 2014, 17, 943-955.	3.5	34
115	Parallel Implementation of MAFFT on CUDA-Enabled Graphics Hardware. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 205-218.	1.9	34
116	Minimizing Schedule Length of Energy Consumption Constrained Parallel Applications on Heterogeneous Distributed Systems. , 2016, , .		34
117	Energy-Efficient Resource Utilization for Heterogeneous Embedded Computing Systems. IEEE Transactions on Computers, 2017, 66, 1518-1531.	2.4	34
118	EGroupNet. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-23.	3.0	34
119	Title is missing!. Journal of Supercomputing, 2000, 15, 163-181.	2.4	33
120	Accelerate RDP RAID-6 Scaling by Reducing Disk I/Os and XOR Operations. IEEE Transactions on Computers, 2015, 64, 32-44.	2.4	33
121	GDPIC: Gravitation-based Density Peaks Clustering algorithm. Physica A: Statistical Mechanics and Its Applications, 2018, 502, 345-355.	1.2	33
122	WCRT Analysis of CAN Messages in Gateway-Integrated In-Vehicle Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9623-9637.	3.9	32
123	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
124	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
125	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
126	STSA: A sine Tree-Seed Algorithm for complex continuous optimization problems. Physica A: Statistical Mechanics and Its Applications, 2020, 537, 122802.	1.2	31



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127	Optimal configuration of a multicore server processor for managing the power and performance tradeoff. <i>Journal of Supercomputing</i> , 2012, 61, 189-214.	2.4	30
128	Identifying the most influential spreaders in complex networks by an Extended Local K-Shell Sum. <i>International Journal of Modern Physics C</i> , 2017, 28, 1750014.	0.8	30
129	Minimal Cost Server Configuration for Meeting Time-Varying Resource Demands in Cloud Centers. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018, 29, 2503-2513.	4.0	30
130	Progressive Approaches for Pareto Optimal Groups Computation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019, 31, 521-534.	4.0	30
131	Stochastic Client Selection for Federated Learning With Volatile Clients. <i>IEEE Internet of Things Journal</i> , 2022, 9, 20055-20070.	5.5	30
132	Job scheduling and processor allocation for grid computing on metacomputers. <i>Journal of Parallel and Distributed Computing</i> , 2005, 65, 1406-1418.	2.7	29
133	Rethinking RAID-5 Data Layout for Better Scalability. <i>IEEE Transactions on Computers</i> , 2014, 63, 2816-2828.	2.4	29
134	An Energy-Aware Algorithm for Virtual Machine Placement in Cloud Computing. <i>IEEE Access</i> , 2019, 7, 55659-55668.	2.6	29
135	Optimal Load Distribution for Multiple Heterogeneous Blade Servers in a Cloud Computing Environment. <i>Journal of Grid Computing</i> , 2013, 11, 27-46.	2.5	28
136	Modeling and Analysis of the Thermal Properties Exhibited by Cyberphysical Data Centers. <i>IEEE Systems Journal</i> , 2017, 11, 163-172.	2.9	28
137	Hardware Cost Design Optimization for Functional Safety-Critical Parallel Applications on Heterogeneous Distributed Embedded Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 2418-2431.	7.2	28
138	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
139	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
140	Parallel Processing of Divisible Loads on Partitionable Static Interconnection Networks. <i>Cluster Computing</i> , 2003, 6, 47-55.	3.5	27
141	Fault-Tolerant Dynamic Rescheduling for Heterogeneous Computing Systems. <i>Journal of Grid Computing</i> , 2015, 13, 507-525.	2.5	27
142	Energy-efficient ICN routing mechanism with QoS support. <i>Computer Networks</i> , 2018, 131, 38-51.	3.2	27
143	DPC-LG: Density peaks clustering based on logistic distribution and gravitation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 514, 25-35.	1.2	27
144	Distributed Conditional Gradient Online Learning for IoT Optimization. <i>IEEE Internet of Things Journal</i> , 2024, , 1-1.	5.5	27

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145	Joint offloading and scheduling decisions for DAG applications in mobile edge computing. <i>Neurocomputing</i> , 2021, 424, 160-171.	3.5	27
146	Parallel matrix multiplication on a linear array with a reconfigurable pipelined bus system. <i>IEEE Transactions on Computers</i> , 2001, 50, 519-525.	2.4	26
147	A resource-aware scheduling algorithm with reduced task duplication on heterogeneous computing systems. <i>Journal of Supercomputing</i> , 2014, 68, 1347-1377.	2.4	26
148	Selection and replacement algorithms for memory performance improvement in Spark. <i>Concurrency Computation Practice and Experience</i> , 2016, 28, 2473-2486.	1.4	26
149	Green Task Scheduling Algorithms with Speeds Optimization on Heterogeneous Cloud Servers. , 2010, , .		25
150	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
151	IDH-CAN: A Hardware-Based ID Hopping CAN Mechanism With Enhanced Security for Automotive Real-Time Applications. <i>IEEE Access</i> , 2018, 6, 54607-54623.	2.6	25
152	Heuristic Computation Offloading Algorithms for Mobile Users in Fog Computing. <i>Transactions on Embedded Computing Systems</i> , 2021, 20, 1-28.	2.1	25
153	Static job scheduling in partitionable mesh connected systems. <i>Journal of Parallel and Distributed Computing</i> , 1990, 10, 152-159.	2.7	24
154	Title is missing!. <i>Journal of Supercomputing</i> , 1997, 11, 391-403.	2.4	24
155	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
156	SDNFV-Based Dynamic Network Function Deployment: Model and Mechanism. <i>IEEE Communications Letters</i> , 2018, 22, 93-96.	2.5	24
157	An Online and Scalable Model for Generalized Sparse Nonnegative Matrix Factorization in Industrial Applications on Multi-GPU. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 437-447.	7.2	24
158	A novel task scheduling scheme in a cloud computing environment using hybrid biogeography-based optimization. <i>Soft Computing</i> , 2019, 23, 11035-11054.	2.1	24
159	A Survey of Low-Energy Parallel Scheduling Algorithms. <i>IEEE Transactions on Sustainable Computing</i> , 2022, 7, 27-46.	2.2	24
160	CRFs based parallel biomedical named entity recognition algorithm employing MapReduce framework. <i>Cluster Computing</i> , 2015, 18, 493-505.	3.5	23
161	Energy Optimization for Data Allocation With Hybrid SRAM+NVM SPM. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018, 65, 307-318.	3.5	23
162	A Game-Based Price Bidding Algorithm for Multi-Attribute Cloud Resource Provision. <i>IEEE Transactions on Services Computing</i> , 2021, 14, 1111-1122.	3.2	23

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163	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
164	Efficient Distributed Approaches to Core Maintenance on Large Dynamic Graphs. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 129-143.	4.0	23
165	Energy-Efficient Task Scheduling on Multiple Heterogeneous Computers: Algorithms, Analysis, and Performance Evaluation. IEEE Transactions on Sustainable Computing, 2016, 1, 7-19.	2.2	22
166	Driver pattern identification over the gene co-expression of drug response in ovarian cancer by integrating high throughput genomics data. Scientific Reports, 2017, 7, 16188.	1.6	22
167	A two-stage attention aware method for train bearing shed oil inspection based on convolutional neural networks. Neurocomputing, 2020, 380, 212-224.	3.5	22
168	System delay optimization for Mobile Edge Computing. Future Generation Computer Systems, 2020, 109, 17-28.	4.9	22
169	Improved low-rank matrix recovery method for predicting miRNA-disease association. Scientific Reports, 2017, 7, 6007.	1.6	21
170	Envy-free auction mechanism for VM pricing and allocation in clouds. Future Generation Computer Systems, 2018, 86, 680-693.	4.9	21
171	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
172	Quantitative Modeling and Analytical Calculation of Elasticity in Cloud Computing. IEEE Transactions on Cloud Computing, 2020, 8, 1135-1148.	3.1	21
173	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
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