Kenli Li

List of Publications by Year
in descending order

230 papers	7,798 citations	44069 48 h-index	71685 76 g-index
232 all docs	232 docs citations	232 times ranked	5287 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	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
3	vCUDA: GPU-Accelerated High-Performance Computing in Virtual Machines. IEEE Transactions on Computers, 2012, 61, 804-816.	3.4	171
4	Scheduling Precedence Constrained Stochastic Tasks on Heterogeneous Cluster Systems. IEEE Transactions on Computers, 2015, 64, 191-204.	3.4	165
5	Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1087-1096.	5.6	159
6	A robust and fixed-time zeroing neural dynamics for computing time-variant nonlinear equation using a novel nonlinear activation function. Neurocomputing, 2019, 350, 108-116.	5.9	157
7	A scheduling scheme in the cloud computing environment using deep Q-learning. Information Sciences, 2020, 512, 1170-1191.	6.9	146
8	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
9	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
10	Gated Residual Recurrent Graph Neural Networks for Traffic Prediction. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 485-492.	4.9	136
11	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
12	Bi-objective workflow scheduling of the energy consumption and reliability in heterogeneous computing systems. Information Sciences, 2017, 379, 241-256.	6.9	134
13	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
14	A disease diagnosis and treatment recommendation system based on big data mining and cloud computing. Information Sciences, 2018, 435, 124-149.	6.9	123
15	Automatic Fetal Ultrasound Standard Plane Recognition Based on Deep Learning and IIoT. IEEE Transactions on Industrial Informatics, 2021, 17, 7771-7780.	11.3	116
16	A Profit Maximization Scheme with Guaranteed Quality of Service in Cloud Computing. IEEE Transactions on Computers, 2015, 64, 3064-3078.	3.4	114
17	Distributed Deep Learning Model for Intelligent Video Surveillance Systems with Edge Computing. IEEE Transactions on Industrial Informatics, 2024, , 1-1.	11.3	113
18	Performance Optimization Using Partitioned SpMV on GPUs and Multicore CPUs. IEEE Transactions on Computers, 2015, 64, 2623-2636.	3.4	110

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19	A hierarchical reliability-driven scheduling algorithm in grid systems. Journal of Parallel and Distributed Computing, 2012, 72, 525-535.	4.1	107
20	Multiple convolutional neural networks for multivariate time series prediction. Neurocomputing, 2019, 360, 107-119.	5.9	104
21	A DAG scheduling scheme on heterogeneous computing systems using double molecular structure-based chemical reaction optimization. Journal of Parallel and Distributed Computing, 2013, 73, 1306-1322.	4.1	97
22	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
23	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
24	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
25	MalFCS: An effective malware classification framework with automated feature extraction based on deep convolutional neural networks. Journal of Parallel and Distributed Computing, 2020, 141, 49-58.	4.1	84
26	Hierarchical Graph Neural Networks for Few-Shot Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 240-252.	8.3	83
27	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
28	Multiple Strategies Differential Privacy on Sparse Tensor Factorization for Network Traffic Analysis in 5G. IEEE Transactions on Industrial Informatics, 2022, 18, 1939-1948.	11.3	80
29	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
30	Profit Maximization for Cloud Brokers in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 190-203.	5.6	77
31	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
32	Strategy Configurations of Multiple Users Competition for Cloud Service Reservation. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 508-520.	5.6	75
33	Multistep-ahead forecasting of coal prices using a hybrid deep learning model. Resources Policy, 2020, 65, 101588.	9.6	71
34	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
35	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
36	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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37	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
38	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
39	A periodicity-based parallel time series prediction algorithm in cloud computing environments. Information Sciences, 2019, 496, 506-537.	6.9	61
40	Computing Time-Varying Quadratic Optimization With Finite-Time Convergence and Noise Tolerance: A Unified Framework for Zeroing Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3360-3369.	11.3	60
41	An intermediate data placement algorithm for load balancing in Spark computing environment. Future Generation Computer Systems, 2018, 78, 287-301.	7.5	59
42	An angle dominance criterion for evolutionary many-objective optimization. Information Sciences, 2020, 509, 376-399.	6.9	58
43	Hybrid particle swarm optimization for parameter estimation of Muskingum model. Neural Computing and Applications, 2014, 25, 1785-1799.	5.6	56
44	A MapReduce task scheduling algorithm for deadline constraints. Cluster Computing, 2013, 16, 651-662.	5.0	55
45	An Intelligent Economic Approach for Dynamic Resource Allocation in Cloud Services. IEEE Transactions on Cloud Computing, 2015, 3, 275-289.	4.4	55
46	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
47	Customer-Satisfaction-Aware Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. IEEE Transactions on Sustainable Computing, 2017, 2, 17-29.	3.1	54
48	Reporting l most influential objects in uncertain databases based on probabilistic reverse top-k queries. Information Sciences, 2017, 405, 207-226.	6.9	52
49	Nonlinear gradient neural network for solving system of linear equations. Information Processing Letters, 2019, 142, 35-40.	0.6	52
50	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
51	Hybrid immune algorithm based on greedy algorithm and delete-cross operator for solving TSP. Soft Computing, 2016, 20, 555-566.	3.6	51
52	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
53	Co-Design of Finite-Time Convergence and Noise Suppression: A Unified Neural Model for Time Varying Linear Equations With Robotic Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5233-5243.	9.3	49
54	Cell-like P systems with evolutional symport/antiport rules and membrane creation. Information and Computation, 2020, 275, 104542.	0.7	47

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55	Computation Offloading Strategy Optimization with Multiple Heterogeneous Servers in Mobile Edge Computing. IEEE Transactions on Sustainable Computing, 2024, , 1-1.	3.1	45
56	Energy-aware task scheduling in heterogeneous computing environments. Cluster Computing, 2014, 17, 537-550.	5.0	43
57	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
58	CLS-Miner: efficient and effective closed high-utility itemset mining. Frontiers of Computer Science, 2019, 13, 357-381.	2.4	43
59	A Survey of Nature-Inspired Computing. ACM Computing Surveys, 2022, 54, 1-31.	23.0	43
60	A Reliability-aware Task Scheduling Algorithm Based on Replication on Heterogeneous Computing Systems. Journal of Grid Computing, 2017, 15, 23-39.	3.9	42
61	Fetal cardiac cycle detection in multi-resource echocardiograms using hybrid classification framework. Future Generation Computer Systems, 2021, 115, 825-836.	7.5	42
62	Privacy-Preserving Deep Learning Model for Decentralized VANETs Using Fully Homomorphic Encryption and Blockchain. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11633-11642.	8.0	42
63	Efficient top-(k,l) range query processing for uncertain data based on multicore architectures. Distributed and Parallel Databases, 2015, 33, 381-413.	1.6	41
64	A multi-user searchable encryption scheme with keyword authorization in a cloud storage. Future Generation Computer Systems, 2017, 72, 208-218.	7.5	41
65	Exploiting Spatio-Temporal Correlations with Multiple 3D Convolutional Neural Networks for Citywide Vehicle Flow Prediction. , 2018, , .		41
66	A novel recurrent neural network and its finite-time solution to time-varying complex matrix inversion. Neurocomputing, 2019, 331, 483-492.	5.9	41
67	Energy-aware preemptive scheduling algorithm for sporadic tasks on DVS platform. Microprocessors and Microsystems, 2013, 37, 99-112.	2.8	40
68	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
69	Multi-task allocation with an optimized quantum particle swarm method. Applied Soft Computing Journal, 2020, 96, 106603.	7.2	38
70	Optimal load distribution in nondedicated heterogeneous cluster and grid computing environments. Journal of Systems Architecture, 2008, 54, 111-123.	4.3	37
71	A Fund-Constrained Investment Scheme for Profit Maximization in Cloud Computing. IEEE Transactions on Services Computing, 2018, 11, 893-907.	4.6	37
72	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

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73	Optimal Virtual Machine Placement Based on Grey Wolf Optimization. Electronics (Switzerland), 2019, 8, 283.	3.1	36
74	Parallel Implementation of MAFFT on CUDA-Enabled Graphics Hardware. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 205-218.	3.0	34
75	Adversarial de-noising of electrocardiogram. Neurocomputing, 2019, 349, 212-224.	5.9	34
76	Multiple local 3D CNNs for region-based prediction in smart cities. Information Sciences, 2021, 542, 476-491.	6.9	33
77	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
78	Dynamic multi-client searchable symmetric encryption with support for boolean queries. Information Sciences, 2020, 506, 234-257.	6.9	31
79	Optimal configuration of a multicore server processor for managing the power and performance tradeoff. Journal of Supercomputing, 2012, 61, 189-214.	3.6	30
80	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
81	Progressive Approaches for Pareto Optimal Groups Computation. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 521-534.	5.7	30
82	MobileUNet-FPN: A Semantic Segmentation Model for Fetal Ultrasound Four-Chamber Segmentation in Edge Computing Environments. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 5540-5550.	6.3	30
83	An efficient algorithm for mining top-k on-shelf high utility itemsets. Knowledge and Information Systems, 2017, 52, 621-655.	3.2	29
84	Deep end-to-end learning for price prediction of second-hand items. Knowledge and Information Systems, 2020, 62, 4541-4568.	3.2	28
85	Fault-Tolerant Dynamic Rescheduling for Heterogeneous Computing Systems. Journal of Grid Computing, 2015, 13, 507-525.	3.9	27
86	An efficient algorithm for mining top-rank-k frequent patterns. Applied Intelligence, 2016, 45, 96-111.	5.3	27
87	Game-Theoretic Design of Optimal Two-Sided Rating Protocols for Service Exchange Dilemma in Crowdsourcing. IEEE Transactions on Information Forensics and Security, 2018, 13, 2801-2815.	6.9	27
88	A resource-aware scheduling algorithm with reduced task duplication on heterogeneous computing systems. Journal of Supercomputing, 2014, 68, 1347-1377.	3.6	26
89	Selection and replacement algorithms for memory performance improvement in Spark. Concurrency Computation Practice and Experience, 2016, 28, 2473-2486.	2.2	26
90	Contention-Aware Reliability Efficient Scheduling on Heterogeneous Computing Systems. IEEE Transactions on Sustainable Computing, 2018, 3, 182-194.	3.1	26

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91	VBTree: forward secure conjunctive queries over encrypted data for cloud computing. VLDB Journal, 2019, 28, 25-46.	4.1	26
92	Heuristic Computation Offloading Algorithms for Mobile Users in Fog Computing. Transactions on Embedded Computing Systems, 2021, 20, 1-28.	2.9	25
93	Slack allocation algorithm for energy minimization in cluster systems. Future Generation Computer Systems, 2017, 74, 119-131.	7.5	24
94	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
95	A novel task scheduling scheme in a cloud computing environment using hybrid biogeography-based optimization. Soft Computing, 2019, 23, 11035-11054.	3.6	24
96	A Game-Based Price Bidding Algorithm for Multi-Attribute Cloud Resource Provision. IEEE Transactions on Services Computing, 2021, 14, 1111-1122.	4.6	23
97	Dynamic memory-aware scheduling in spark computing environment. Journal of Parallel and Distributed Computing, 2020, 141, 10-22.	4.1	23
98	Efficient Distributed Approaches to Core Maintenance on Large Dynamic Graphs. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 129-143.	5.6	23
99	A data parallel strategy for aligning multiple biological sequences on multi-core computers. Computers in Biology and Medicine, 2013, 43, 350-361.	7.0	22
100	A two-stage attention aware method for train bearing shed oil inspection based on convolutional neural networks. Neurocomputing, 2020, 380, 212-224.	5.9	22
101	A hybrid particle swarm optimization algorithm for load balancing of MDS on heterogeneous computing systems. Neurocomputing, 2019, 330, 380-393.	5.9	21
102	Task Allocation on Layered Multiagent Systems: When Evolutionary Many-Objective Optimization Meets Deep Q-Learning. IEEE Transactions on Evolutionary Computation, 2021, 25, 842-855.	10.0	21
103	A parallel computing method using blocked format with optimal partitioning for SpMV on GPU. Journal of Computer and System Sciences, 2018, 92, 152-170.	1.2	20
104	Monodirectional Evolutional Symport Tissue P Systems With Promoters and Cell Division. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 332-342.	5.6	20
105	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
106	A Data Skew Oriented Reduce Placement Algorithm Based on Sampling. IEEE Transactions on Cloud Computing, 2020, 8, 1149-1161.	4.4	19
107	Multi-task cascade deep convolutional neural networks for large-scale commodity recognition. Neural Computing and Applications, 2020, 32, 5633-5647.	5.6	19
108	CacheTrack-YOLO: Real-Time Detection and Tracking for Thyroid Nodules and Surrounding Tissues in Ultrasound Videos. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3812-3823.	6.3	19

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109	Directional and Explainable Serendipity Recommendation. , 2020, , .		19
110	An approximation algorithm based on game theory for scheduling simple linear deteriorating jobs. Theoretical Computer Science, 2014, 543, 46-51.	0.9	18
111	A cost-optimal parallel algorithm for the 0â€"1 knapsack problem and its performance on multicore CPU and GPU implementations. Parallel Computing, 2015, 43, 27-42.	2.1	18
112	A parallel solving method for block-tridiagonal equations on CPUâ€"GPU heterogeneous computing systems. Journal of Supercomputing, 2017, 73, 1760-1781.	3.6	18
113	ED-ACNN: Novel attention convolutional neural network based on encoderâ€"decoder framework for human traffic prediction. Applied Soft Computing Journal, 2020, 97, 106688.	7.2	18
114	An Intermediate Data Partition Algorithm for Skew Mitigation in Spark Computing Environment. IEEE Transactions on Cloud Computing, 2021, 9, 461-474.	4.4	18
115	COOPER-SCHED: A Cooperative Scheduling Framework for Mobile Edge Computing with Expected Deadline Guarantee. IEEE Transactions on Parallel and Distributed Systems, 2024, , 1-1.	5.6	17
116	Hierarchical attributes learning for pedestrian re-identification via parallel stochastic gradient descent combined with momentum correction and adaptive learning rate. Neural Computing and Applications, 2020, 32, 5695-5712.	5.6	17
117	A Survey of Profit Optimization Techniques for Cloud Providers. ACM Computing Surveys, 2021, 53, 1-35.	23.0	17
118	Multi-stage complex task assignment in spatial crowdsourcing. Information Sciences, 2022, 586, 119-139.	6.9	17
119	GFlink: An In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. , 2016, , .		16
120	Novel heuristic speculative execution strategies in heterogeneous distributed environments. Computers and Electrical Engineering, 2016, 50, 166-179.	4.8	16
121	Service Reliability in an HC: Considering From the Perspective of Scheduling With Load-Dependent Machine Reliability. IEEE Transactions on Reliability, 2019, 68, 476-495.	4.6	16
122	Attention-Aware Encoderâ€"Decoder Neural Networks for Heterogeneous Graphs of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 2890-2898.	11.3	16
123	An LSTM-based distributed scheme for data transmission reduction of IoT systems. Neurocomputing, 2022, 485, 166-180.	5.9	16
124	MRUniNovo: an efficient tool for <i>de novo</i> peptide sequencing utilizing the hadoop distributed computing framework. Bioinformatics, 2017, 33, 944-946.	4.1	15
125	A System for Learning Atoms Based on Long Short-Term Memory Recurrent Neural Networks. , 2018, , .		15
126	COOPER-MATCH: Job Offloading with A Cooperative Game for Guaranteeing Strict Deadlines in MEC. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	15

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127	Game theory-based optimization of distributed idle computing resources in cloud environments. Theoretical Computer Science, 2020, 806, 468-488.	0.9	15
128	Design and analysis of new complex zeroing neural network for a set of dynamic complex linear equations. Neurocomputing, 2019, 363, 171-181.	5.9	14
129	A Virtual Multi-Channel GPU Fair Scheduling Method for Virtual Machines. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 257-270.	5.6	14
130	Finding Optimal Skyline Product Combinations under Price Promotion. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 138-151.	5.7	14
131	Performance analysis of nonlinear activated zeroing neural networks for time-varying matrix pseudoinversion with application. Applied Soft Computing Journal, 2021, 98, 106735.	7.2	14
132	Game theoretic interpretability for learning based preoperative gliomas grading. Future Generation Computer Systems, 2020, 112, 1-10.	7.5	14
133	Multilevel Attention Based U-Shape Graph Neural Network for Point Clouds Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 448-456.	11.3	14
134	Cost-Efficient Server Configuration and Placement for Mobile Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2198-2212.	5.6	14
135	A secure and efficient file protecting system based on SHA3 and parallel AES. Parallel Computing, 2016, 52, 106-132.	2.1	13
136	Partition Scheduling on Heterogeneous Multicore Processors for Multi-dimensional Loops Applications. International Journal of Parallel Programming, 2017, 45, 827-852.	1.5	13
137	Task Offloading and Service Migration Strategies for User Equipments with Mobility Consideration in Mobile Edge Computing. , 2019, , .		13
138	HMGOWM: A Hybrid Decision Mechanism for Automating Migration of Virtual Machines. IEEE Transactions on Services Computing, 2021, 14, 1397-1410.	4.6	13
139	Accelerated CPU–GPUs implementations for quaternion polar harmonic transform of color images. Future Generation Computer Systems, 2020, 107, 368-382.	7.5	13
140	Execution cost minimization scheduling algorithms for deadline-constrained parallel applications on heterogeneous clouds. Cluster Computing, 2021, 24, 701-715.	5.0	13
141	Server configuration optimization in mobile edge computing: A cost–performance tradeoff perspective. Software - Practice and Experience, 2021, 51, 1868-1895.	3.6	13
142	Design and analysis of three nonlinearly activated ZNN models for solving time-varying linear matrix inequalities in finite time. Neurocomputing, 2020, 390, 78-87.	5.9	12
143	A Hybrid Deep Learning Based Framework for Component Defect Detection of Moving Trains. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3268-3280.	8.0	12
144	On Elasticity Measurement in Cloud Computing. Scientific Programming, 2016, 2016, 1-13.	0.7	11

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145	VMCD: A Virtual Multi-Channel Disk I/O Scheduling Method for Virtual Machines. IEEE Transactions on Services Computing, 2016, 9, 982-995.	4.6	11
146	Parallel Protein Community Detection in Large-scale PPI Networks Based on Multi-source Learning. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2024, , 1-1.	3.0	11
147	Task migration optimization for guaranteeing delay deadline with mobility consideration in mobile edge computing. Journal of Systems Architecture, 2021, 112, 101849.	4.3	11
148	A Graph-Based Approach for Missing Sensor Data Imputation. IEEE Sensors Journal, 2021, 21, 23133-23144.	4.7	11
149	Deep Parametric Active Contour Model for Neurofibromatosis Segmentation. Future Generation Computer Systems, 2020, 112, 58-66.	7.5	10
150	Practical parallel AES algorithms on cloud for massive users and their performance evaluation. Concurrency Computation Practice and Experience, 2016, 28, 4246-4263.	2.2	9
151	Chemical reaction optimization with unified tabu search for the vehicle routing problem. Soft Computing, 2017, 21, 6421-6433.	3.6	9
152	MCtandem: an efficient tool for large-scale peptide identification on many integrated core (MIC) architecture. BMC Bioinformatics, 2019, 20, 397.	2.6	9
153	Response time and energy consumption co-offloading with SLRTA algorithm in cloud–edge collaborative computing. Future Generation Computer Systems, 2022, 129, 64-76.	7.5	9
154	Shape and boundary-aware multi-branch model for semi-supervised medical image segmentation. Computers in Biology and Medicine, 2022, 143, 105252.	7.0	9
155	Mobility-Aware and Code-Oriented Partitioning Computation Offloading in Multi-Access Edge Computing. Journal of Grid Computing, 2022, 20, 1.	3.9	9
156	Local Sample-Weighted Multiple Kernel Clustering With Consensus Discriminative Graph. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1721-1734.	11.3	9
157	Proactive workload management in dynamic virtualized environments. Journal of Computer and System Sciences, 2014, 80, 1504-1517.	1.2	8
158	Optimal load distribution for multiple classes of applications on heterogeneous servers with variable speeds. Software - Practice and Experience, 2018, 48, 1805-1819.	3.6	8
159	A multiple kernel density clustering algorithm for incomplete datasets in bioinformatics. BMC Systems Biology, 2018, 12, 111.	3.0	8
160	Comprehensive design and analysis of time-varying delayed zeroing neural network and its application to matrix inversion. Neurocomputing, 2020, 379, 273-283.	5.9	8
161	Zeroing neural network with comprehensive performance and its applications to time-varying Lyapunov equation and perturbed robotic tracking. Neurocomputing, 2020, 418, 79-90.	5.9	8
162	A novel cooperative resource provisioning strategy for Multi-Cloud load balancing. Journal of Parallel and Distributed Computing, 2021, 152, 98-107.	4.1	8

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163	Task migration computation offloading with low delay for mobile edge computing in vehicular networks. Concurrency Computation Practice and Experience, 2022, 34, e6494.	2.2	8
164	An Efficient Parallel Reinforcement Learning Approach to Cross-Layer Defense Mechanism in Industrial Control Systems. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	5.6	8
165	Efficient Influential Community Search in Large Uncertain Graphs. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3779-3793.	5.7	8
166	A novel cooperative accelerated parallel two-list algorithm for solving the subset-sum problem on a hybrid CPUâ€"GPU cluster. Journal of Parallel and Distributed Computing, 2016, 97, 112-123.	4.1	7
167	Efficient processing of top k group skyline queries. Knowledge-Based Systems, 2019, 182, 104795.	7.1	7
168	Attentive Semantic and Perceptual Faces Completion Using Self-attention Generative Adversarial Networks. Neural Processing Letters, 2020, 51, 211-229.	3.2	7
169	DEF-Net: A Face Aging Model by Using Different Emotional Learnings. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3012-3022.	8.3	7
170	Best-KFF: a multi-objective preemptive resource allocation policy for cloud computing systems. Cluster Computing, 2022, 25, 321-336.	5.0	7
171	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.	9.3	7
172	Datapath-regular implementation and scaled technique for N=3Ã—2m DFTs. Signal Processing, 2015, 113, 68-79.	3.7	6
173	Implementation and Optimization of AES Algorithm on the Sunway TaihuLight. , 2016, , .		6
174	Top k probabilistic skyline queries on uncertain data. Neurocomputing, 2018, 317, 1-14.	5.9	6
175	Implementation and optimization of a data protecting model on the Sunway TaihuLight supercomputer with heterogeneous manyâ€‹core processors. Concurrency Computation Practice and Experience, 2019, 31, e4758.	2.2	6
176	Low-Cost Image Compressive Sensing with Multiple Measurement Rates for Object Detection. Sensors, 2019, 19, 2079.	3.8	6
177	tpSpMV: A two-phase large-scale sparse matrix-vector multiplication kernel for manycore architectures. Information Sciences, 2020, 523, 279-295.	6.9	6
178	Distributed matrix factorization based on fast optimization for implicit feedback recommendation. Journal of Intelligent Information Systems, 2021, 56, 49-72.	3.9	6
179	AEML: An Acceleration Engine for Multi-GPU Load-balancing in Distributed Heterogeneous Environment. IEEE Transactions on Computers, 2021, , 1-1.	3.4	6
180	fgSpMSpV: A Fine-grained Parallel SpMSpV Framework on HPC Platforms. ACM Transactions on Parallel Computing, 2022, 9, 1-29.	1.4	6

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181	Unequal Failure Protection Coding Technique for Distributed Cloud Storage Systems. IEEE Transactions on Cloud Computing, 2021, 9, 386-400.	4.4	5
182	A robust generative classifier against transfer attacks based on variational auto-encoders. Information Sciences, 2021, 550, 57-70.	6.9	5
183	Multi-Task Y-Shaped Graph Neural Network for Point Cloud Learning in Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9568-9579.	8.0	5
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