Kenli Li

List of Publications by Year
in descending order

230 papers	7,798 citations	44066 48 h-index	71682 76 g-index
232 all docs	232 docs citations	232 times ranked	5287 citing authors

#	Article	IF	Citations
1	Computation Offloading Strategy Optimization with Multiple Heterogeneous Servers in Mobile Edge Computing. IEEE Transactions on Sustainable Computing, 2024, , 1-1.	3.1	45
2	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
3	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
4	Distributed Deep Learning Model for Intelligent Video Surveillance Systems with Edge Computing. IEEE Transactions on Industrial Informatics, 2024, , 1-1.	11.3	113
5	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
6	Receive Only Necessary: Efficient Tag Category Identification in Large-Scale RFID Systems. IEEE Transactions on Mobile Computing, 2023, 22, 1157-1169.	5.8	1
7	Efficient Influential Community Search in Large Uncertain Graphs. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3779-3793.	5.7	8
8	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
9	Design and Analysis of a Novel Integral Design Scheme for Finding Finite-Time Solution of Time-Varying Matrix Inequalities. IEEE Transactions on Emerging Topics in Computing, 2022, 10, 267-279.	4.6	4
10	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
11	Adamsâ€"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.	9.3	4
12	An Adaptive Energy-Aware Stochastic Task Execution Algorithm in Virtualized Networked Datacenters. IEEE Transactions on Sustainable Computing, 2022, 7, 371-385.	3.1	4
13	Latency-Driven Model Placement for Efficient Edge Intelligence Service. IEEE Transactions on Services Computing, 2022, 15, 591-601.	4.6	3
14	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
15	Robust Finite-Time Zeroing Neural Networks With Fixed and Varying Parameters for Solving Dynamic Generalized Lyapunov Equation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7695-7705.	11.3	3
16	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
17	Hierarchical Semantic Graph Reasoning for Train Component Detection. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4502-4514.	11.3	4
18	Hierarchical Graph Neural Networks for Few-Shot Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 240-252.	8.3	83

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19	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
20	A Survey of Nature-Inspired Computing. ACM Computing Surveys, 2022, 54, 1-31.	23.0	43
21	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
22	Best-KFF: a multi-objective preemptive resource allocation policy for cloud computing systems. Cluster Computing, 2022, 25, 321-336.	5.0	7
23	Efficient Distributed Approaches to Core Maintenance on Large Dynamic Graphs. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 129-143.	5.6	23
24	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
25	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
26	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
27	Community search over large semantic-based attribute graphs. World Wide Web, 2022, 25, 927-948.	4.0	3
28	K-truss community most favorites query based on top-t. World Wide Web, 2022, 25, 949-969.	4.0	4
29	Multilevel Attention Based U-Shape Graph Neural Network for Point Clouds Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 448-456.	11.3	14
30	An LSTM-based distributed scheme for data transmission reduction of IoT systems. Neurocomputing, 2022, 485, 166-180.	5.9	16
31	Response time and energy consumption co-offloading with SLRTA algorithm in cloudâ€"edge collaborative computing. Future Generation Computer Systems, 2022, 129, 64-76.	7.5	9
32	Multi-stage complex task assignment in spatial crowdsourcing. Information Sciences, 2022, 586, 119-139.	6.9	17
33	Efficient and Automated Deployment Architecture for OpenStack in TianHe SuperComputing Environment. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1811-1824.	5.6	0
34	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
35	An Efficient Index-Based Approach to Distributed Set Reachability on Small-World Graphs. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2358-2371.	5.6	4
36	Cost-Efficient Server Configuration and Placement for Mobile Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2198-2212.	5.6	14

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37	A parameter-free approach to lossless summarization of fully dynamic graphs. Information Sciences, 2022, 589, 376-394.	6.9	3
38	Reliability/Performance-Aware Scheduling for Parallel Applications With Energy Constraints on Heterogeneous Computing Systems. IEEE Transactions on Sustainable Computing, 2022, 7, 681-695.	3.1	1
39	Shape and boundary-aware multi-branch model for semi-supervised medical image segmentation. Computers in Biology and Medicine, 2022, 143, 105252.	7.0	9
40	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
41	Mobility-Aware and Code-Oriented Partitioning Computation Offloading in Multi-Access Edge Computing. Journal of Grid Computing, 2022, 20, 1.	3.9	9
42	fgSpMSpV: A Fine-grained Parallel SpMSpV Framework on HPC Platforms. ACM Transactions on Parallel Computing, 2022, 9, 1-29.	1.4	6
43	DiVIT: Algorithm and architecture co-design of differential attention in vision transformer. Journal of Systems Architecture, 2022, 128, 102520.	4.3	2
44	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
45	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.	5.6	1
46	HMGOWM: A Hybrid Decision Mechanism for Automating Migration of Virtual Machines. IEEE Transactions on Services Computing, 2021, 14, 1397-1410.	4.6	13
47	A Game-Based Price Bidding Algorithm for Multi-Attribute Cloud Resource Provision. IEEE Transactions on Services Computing, 2021, 14, 1111-1122.	4.6	23
48	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
49	Unequal Failure Protection Coding Technique for Distributed Cloud Storage Systems. IEEE Transactions on Cloud Computing, 2021, 9, 386-400.	4.4	5
50	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
51	Distributed matrix factorization based on fast optimization for implicit feedback recommendation. Journal of Intelligent Information Systems, 2021, 56, 49-72.	3.9	6
52	Multiple local 3D CNNs for region-based prediction in smart cities. Information Sciences, 2021, 542, 476-491.	6.9	33
53	An Intermediate Data Partition Algorithm for Skew Mitigation in Spark Computing Environment. IEEE Transactions on Cloud Computing, 2021, 9, 461-474.	4.4	18
54	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

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55	Task migration optimization for guaranteeing delay deadline with mobility consideration in mobile edge computing. Journal of Systems Architecture, 2021, 112, 101849.	4.3	11
56	Execution cost minimization scheduling algorithms for deadline-constrained parallel applications on heterogeneous clouds. Cluster Computing, 2021, 24, 701-715.	5.0	13
57	On the profits of competing cloud service providers: A game theoretic approach. Journal of Computer and System Sciences, 2021, 117, 130-153.	1.2	3
58	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
59	A robust generative classifier against transfer attacks based on variational auto-encoders. Information Sciences, 2021, 550, 57-70.	6.9	5
60	Attention-Aware Encoderâ€"Decoder Neural Networks for Heterogeneous Graphs of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 2890-2898.	11.3	16
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	A Graph-Based Approach for Missing Sensor Data Imputation. IEEE Sensors Journal, 2021, 21, 23133-23144.	4.7	11
63	Efficiently Inferring Top-k Largest Monitoring Data Entries Based on Discrete Tensor Completion. IEEE/ACM Transactions on Networking, 2021, 29, 2737-2750.	3.8	1
64	Server configuration optimization in mobile edge computing: A costâ€performance tradeoff perspective. Software - Practice and Experience, 2021, 51, 1868-1895.	3.6	13
65	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
66	SGD_Tucker: A Novel Stochastic Optimization Strategy for Scalable Parallel Sparse Tucker Decomposition. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	5.6	4
67	AEML: An Acceleration Engine for Multi-GPU Load-balancing in Distributed Heterogeneous Environment. IEEE Transactions on Computers, 2021, , 1-1.	3.4	6
68	Heuristic Computation Offloading Algorithms for Mobile Users in Fog Computing. Transactions on Embedded Computing Systems, 2021, 20, 1-28.	2.9	25
69	Short- and long-term cost and performance optimization for mobile user equipments. Journal of Parallel and Distributed Computing, 2021, 150, 69-84.	4.1	4
70	A Stateful Bloom Filter for Per-Flow State Monitoring. IEEE Transactions on Network Science and Engineering, 2021, 8, 1399-1413.	6.4	0
71	Progressive approaches to flexible group skyline queries. Knowledge and Information Systems, 2021, 63, 1471-1496.	3.2	1
72	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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73	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
74	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
75	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
76	Automatic Fetal Ultrasound Standard Plane Recognition Based on Deep Learning and IIoT. IEEE Transactions on Industrial Informatics, 2021, 17, 7771-7780.	11.3	116
77	A Survey of Profit Optimization Techniques for Cloud Providers. ACM Computing Surveys, 2021, 53, 1-35.	23.0	17
78	Are task mappings with the highest frequency of servers so good? A case study on Heterogeneous Earliest Finish Time (HEFT) algorithm. Journal of Systems Architecture, 2021, 121, 102311.	4.3	4
79	Budget-Constrained Service Allocation Optimization for Mobile Edge Computing. IEEE Transactions on Services Computing, 2021, , 1-1.	4.6	3
80	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
81	A Global Cost-aware Container Scheduling Strategy in Cloud Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	5.6	3
82	A Network Load Perception based Task Scheduler for Parallel Distributed Data Processing Systems. IEEE Transactions on Cloud Computing, 2021, , 1-1.	4.4	0
83	Locality Sensitive Hash Aggregated Nonlinear Neighborhood Matrix Factorization for Online Sparse Big Data Analysis. ACM/IMS Transactions on Data Science, 2021, 2, 1-27.	2.0	1
84	A Data Skew Oriented Reduce Placement Algorithm Based on Sampling. IEEE Transactions on Cloud Computing, 2020, 8, 1149-1161.	4.4	19
85	COPCOP: A Novel Algorithm and Parallel Optimization Framework for Co-Evolutionary Domain Detection. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, , 1-1.	3.0	1
86	An angle dominance criterion for evolutionary many-objective optimization. Information Sciences, 2020, 509, 376-399.	6.9	58
87	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
88	A scheduling scheme in the cloud computing environment using deep Q-learning. Information Sciences, 2020, 512, 1170-1191.	6.9	146
89	Dynamic multi-client searchable symmetric encryption with support for boolean queries. Information Sciences, 2020, 506, 234-257.	6.9	31
90	A half-precision compressive sensing framework for end-to-end person re-identification. Neural Computing and Applications, 2020, 32, 1141-1155.	5.6	4

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91	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
92	Multi-task cascade deep convolutional neural networks for large-scale commodity recognition. Neural Computing and Applications, 2020, 32, 5633-5647.	5.6	19
93	Attentive Semantic and Perceptual Faces Completion Using Self-attention Generative Adversarial Networks. Neural Processing Letters, 2020, 51, 211-229.	3.2	7
94	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
95	HeteroYARN: A Heterogeneous FPGA-Accelerated Architecture Based on YARN. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2968-2980.	5.6	2
96	Game theory-based optimization of distributed idle computing resources in cloud environments. Theoretical Computer Science, 2020, 806, 468-488.	0.9	15
97	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
98	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
99	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
100	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
101	Multi-task allocation with an optimized quantum particle swarm method. Applied Soft Computing Journal, 2020, 96, 106603.	7.2	38
102	Deep end-to-end learning for price prediction of second-hand items. Knowledge and Information Systems, 2020, 62, 4541-4568.	3.2	28
103	CoExe: An Efficient Co-execution Architecture for Real-Time Neural Network Services. , 2020, , .		1
104	Deep Parametric Active Contour Model for Neurofibromatosis Segmentation. Future Generation Computer Systems, 2020, 112, 58-66.	7.5	10
105	An online and generalized non-negativity constrained model for large-scale sparse tensor estimation on multi-GPU. Neurocomputing, 2020, 399, 18-36.	5.9	1
106	tpSpMV: A two-phase large-scale sparse matrix-vector multiplication kernel for manycore architectures. Information Sciences, 2020, 523, 279-295.	6.9	6
107	Cell-like P systems with evolutional symport/antiport rules and membrane creation. Information and Computation, 2020, 275, 104542.	0.7	47
108	Accelerated CPUâ€"GPUs implementations for quaternion polar harmonic transform of color images. Future Generation Computer Systems, 2020, 107, 368-382.	7.5	13

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109	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
110	Multistep-ahead forecasting of coal prices using a hybrid deep learning model. Resources Policy, 2020, 65, 101588.	9.6	71
111	Dynamic memory-aware scheduling in spark computing environment. Journal of Parallel and Distributed Computing, 2020, 141, 10-22.	4.1	23
112	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
113	Game theoretic interpretability for learning based preoperative gliomas grading. Future Generation Computer Systems, 2020, 112, 1-10.	7.5	14
114	Directional and Explainable Serendipity Recommendation. , 2020, , .		19
115	A Decision Support System to Provide Criminal Pattern Based Suggestions to Travelers. Lecture Notes in Computer Science, 2020, , 582-587.	1.3	0
116	Progressive Approaches for Pareto Optimal Groups Computation. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 521-534.	5.7	30
117	Profit Maximization for Cloud Brokers in Cloud Computing. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 190-203.	5.6	77
118	A periodicity-based parallel time series prediction algorithm in cloud computing environments. Information Sciences, 2019, 496, 506-537.	6.9	61
119	VBTree: forward secure conjunctive queries over encrypted data for cloud computing. VLDB Journal, 2019, 28, 25-46.	4.1	26
120	CLS-Miner: efficient and effective closed high-utility itemset mining. Frontiers of Computer Science, 2019, 13, 357-381.	2.4	43
121	Gated Residual Recurrent Graph Neural Networks for Traffic Prediction. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 485-492.	4.9	136
122	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
123	MCtandem: an efficient tool for large-scale peptide identification on many integrated core (MIC) architecture. BMC Bioinformatics, 2019, 20, 397.	2.6	9
124	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
125	Editorial Message: Special Issue on Advances in Parallel and Distributed Computing for Fuzzy Systems. International Journal of Fuzzy Systems, 2019, 21, 1868-1869.	4.0	2
126	Automatically Detecting Excavator Anomalies Based on Machine Learning. Symmetry, 2019, 11, 957.	2.2	3

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127	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
128	Low-Cost Image Compressive Sensing with Multiple Measurement Rates for Object Detection. Sensors, 2019, 19, 2079.	3.8	6
129	Efficient processing of top <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1136" altimg="si702.svg"><mml:mi>k</mml:mi></mml:math> group skyline queries. Knowledge-Based Systems, 2019, 182, 104795.	7.1	7
130	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
131	Multiple convolutional neural networks for multivariate time series prediction. Neurocomputing, 2019, 360, 107-119.	5.9	104
132	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
133	Adversarial de-noising of electrocardiogram. Neurocomputing, 2019, 349, 212-224.	5.9	34
134	Optimal Virtual Machine Placement Based on Grey Wolf Optimization. Electronics (Switzerland), 2019, 8, 283.	3.1	36
135	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
136	Task Offloading and Service Migration Strategies for User Equipments with Mobility Consideration in Mobile Edge Computing. , 2019, , .		13
137	LHCnn: A Novel Efficient Multivariate Time Series Prediction Framework Utilizing Convolutional Neural Networks. , 2019, , .		2
138	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
139	A novel recurrent neural network and its finite-time solution to time-varying complex matrix inversion. Neurocomputing, 2019, 331, 483-492.	5.9	41
140	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
141	A hybrid particle swarm optimization algorithm for load balancing of MDS on heterogeneous computing systems. Neurocomputing, 2019, 330, 380-393.	5.9	21
142	Nonlinear gradient neural network for solving system of linear equations. Information Processing Letters, 2019, 142, 35-40.	0.6	52
143	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
144	New concept to improve cooperation in dynamic complex network. Neurocomputing, 2019, 332, 80-90.	5.9	3

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145	A novel task scheduling scheme in a cloud computing environment using hybrid biogeography-based optimization. Soft Computing, 2019, 23, 11035-11054.	3.6	24
146	Finding Optimal Skyline Product Combinations under Price Promotion. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 138-151.	5.7	14
147	A new effective operator for the hybrid algorithm for solving global optimisation problems. International Journal of Systems Science, 2018, 49, 1088-1102.	5.5	2
148	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
149	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
150	A disease diagnosis and treatment recommendation system based on big data mining and cloud computing. Information Sciences, 2018, 435, 124-149.	6.9	123
151	An intermediate data placement algorithm for load balancing in Spark computing environment. Future Generation Computer Systems, 2018, 78, 287-301.	7.5	59
152	A Fund-Constrained Investment Scheme for Profit Maximization in Cloud Computing. IEEE Transactions on Services Computing, 2018, 11, 893-907.	4.6	37
153	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
154	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
155	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
156	Contention-Aware Reliability Efficient Scheduling on Heterogeneous Computing Systems. IEEE Transactions on Sustainable Computing, 2018, 3, 182-194.	3.1	26
157	A System for Learning Atoms Based on Long Short-Term Memory Recurrent Neural Networks. , 2018, , .		15
158	CUSNTF. , 2018, , .		2
159	Exploiting Spatio-Temporal Correlations with Multiple 3D Convolutional Neural Networks for Citywide Vehicle Flow Prediction. , 2018, , .		41
160	A multiple kernel density clustering algorithm for incomplete datasets in bioinformatics. BMC Systems Biology, 2018, 12, 111.	3.0	8
161	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
162	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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163	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
164	Top k probabilistic skyline queries on uncertain data. Neurocomputing, 2018, 317, 1-14.	5.9	6
165	MRUniNovo: an efficient tool for de novo peptide sequencing utilizing the hadoop distributed computing framework. Bioinformatics, 2017, 33, 944-946.	4.1	15
166	A multi-user searchable encryption scheme with keyword authorization in a cloud storage. Future Generation Computer Systems, 2017, 72, 208-218.	7.5	41
167	Chemical reaction optimization with unified tabu search for the vehicle routing problem. Soft Computing, 2017, 21, 6421-6433.	3.6	9
168	A hybrid computing method of SpMV on CPUâ€"GPU heterogeneous computing systems. Journal of Parallel and Distributed Computing, 2017, 104, 49-60.	4.1	43
169	An efficient algorithm for mining top-k on-shelf high utility itemsets. Knowledge and Information Systems, 2017, 52, 621-655.	3.2	29
170	Customer-Satisfaction-Aware Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. IEEE Transactions on Sustainable Computing, 2017, 2, 17-29.	3.1	54
171	Reporting l most influential objects in uncertain databases based on probabilistic reverse top- k queries. Information Sciences, 2017, 405, 207-226.	6.9	52
172	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
173	Velocity-Aware Parallel Encryption Algorithm with Low Energy Consumption for Streams. IEEE Transactions on Big Data, 2017, , 1-1.	6.1	4
174	Partition Scheduling on Heterogeneous Multicore Processors for Multi-dimensional Loops Applications. International Journal of Parallel Programming, 2017, 45, 827-852.	1.5	13
175	A Reliability-aware Task Scheduling Algorithm Based on Replication on Heterogeneous Computing Systems. Journal of Grid Computing, 2017, 15, 23-39.	3.9	42
176	Applications in heterogeneous parallel and distributed environment. Concurrency Computation Practice and Experience, 2017, 29, e4285.	2.2	1
177	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
178	Bi-objective workflow scheduling of the energy consumption and reliability in heterogeneous computing systems. Information Sciences, 2017, 379, 241-256.	6.9	134
179	A parallel solving method for block-tridiagonal equations on CPUâ€"GPU heterogeneous computing systems. Journal of Supercomputing, 2017, 73, 1760-1781.	3.6	18
180	Slack allocation algorithm for energy minimization in cluster systems. Future Generation Computer Systems, 2017, 74, 119-131.	7.5	24

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