

Kenli Li

List of Publications by Year in descending order

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230
papers

7,798
citations

50566

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h-index

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76
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232
all docs

232
docs citations

232
times ranked

5893
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.	2.2	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.	1.9	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.	4.0	17
4	Distributed Deep Learning Model for Intelligent Video Surveillance Systems with Edge Computing. IEEE Transactions on Industrial Informatics, 2024, , 1-1.	7.2	113
5	Local Sample-Weighted Multiple Kernel Clustering With Consensus Discriminative Graph. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1721-1734.	7.2	9
6	Receive Only Necessary: Efficient Tag Category Identification in Large-Scale RFID Systems. IEEE Transactions on Mobile Computing, 2023, 22, 1157-1169.	3.9	1
7	Efficient Influential Community Search in Large Uncertain Graphs. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3779-3793.	4.0	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.	7.2	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.	3.2	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.	4.7	12
11	Adams's Bashforth-Type Discrete-Time Zeroing Neural Networks Solving Time-Varying Complex Sylvester Equation With Enhanced Robustness. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3287-3298.	5.9	4
12	An Adaptive Energy-Aware Stochastic Task Execution Algorithm in Virtualized Networked Datacenters. IEEE Transactions on Sustainable Computing, 2022, 7, 371-385.	2.2	4
13	Latency-Driven Model Placement for Efficient Edge Intelligence Service. IEEE Transactions on Services Computing, 2022, 15, 591-601.	3.2	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.	4.7	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.	7.2	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.	7.2	80
17	Hierarchical Semantic Graph Reasoning for Train Component Detection. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4502-4514.	7.2	4
18	Hierarchical Graph Neural Networks for Few-Shot Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 240-252.	5.6	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.	5.6	7
20	A Survey of Nature-Inspired Computing. ACM Computing Surveys, 2022, 54, 1-31.	16.1	43
21	Task migration computation offloading with low delay for mobile edge computing in vehicular networks. Concurrency Computation Practice and Experience, 2022, 34, e6494.	1.4	8
22	Best-KFF: a multi-objective preemptive resource allocation policy for cloud computing systems. Cluster Computing, 2022, 25, 321-336.	3.5	7
23	Efficient Distributed Approaches to Core Maintenance on Large Dynamic Graphs. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 129-143.	4.0	23
24	Monodirectional Evolutional Symport Tissue P Systems With Promoters and Cell Division. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 332-342.	4.0	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.	4.0	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.	5.9	7
27	Community search over large semantic-based attribute graphs. World Wide Web, 2022, 25, 927-948.	2.7	3
28	K-truss community most favorites query based on top-t. World Wide Web, 2022, 25, 949-969.	2.7	4
29	Multilevel Attention Based U-Shape Graph Neural Network for Point Clouds Learning. IEEE Transactions on Industrial Informatics, 2022, 18, 448-456.	7.2	14
30	An LSTM-based distributed scheme for data transmission reduction of IoT systems. Neurocomputing, 2022, 485, 166-180.	3.5	16
31	Response time and energy consumption co-offloading with SLRTA algorithm in cloud-edge collaborative computing. Future Generation Computer Systems, 2022, 129, 64-76.	4.9	9
32	Multi-stage complex task assignment in spatial crowdsourcing. Information Sciences, 2022, 586, 119-139.	4.0	17
33	Efficient and Automated Deployment Architecture for OpenStack in TianHe SuperComputing Environment. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1811-1824.	4.0	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.	5.5	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.	4.0	4
36	Cost-Efficient Server Configuration and Placement for Mobile Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2198-2212.	4.0	14

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37	A parameter-free approach to lossless summarization of fully dynamic graphs. Information Sciences, 2022, 589, 376-394.	4.0	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.	2.2	1
39	Shape and boundary-aware multi-branch model for semi-supervised medical image segmentation. Computers in Biology and Medicine, 2022, 143, 105252.	3.9	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.	4.7	5
41	Mobility-Aware and Code-Oriented Partitioning Computation Offloading in Multi-Access Edge Computing. Journal of Grid Computing, 2022, 20, 1.	2.5	9
42	fgSpMSPV: A Fine-grained Parallel SpMSPV Framework on HPC Platforms. ACM Transactions on Parallel Computing, 2022, 9, 1-29.	1.2	6
43	DiViT: Algorithm and architecture co-design of differential attention in vision transformer. Journal of Systems Architecture, 2022, 128, 102520.	2.5	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.	3.9	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.	4.0	1
46	HMGOWM: A Hybrid Decision Mechanism for Automating Migration of Virtual Machines. IEEE Transactions on Services Computing, 2021, 14, 1397-1410.	3.2	13
47	A Game-Based Price Bidding Algorithm for Multi-Attribute Cloud Resource Provision. IEEE Transactions on Services Computing, 2021, 14, 1111-1122.	3.2	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.	3.1	95
49	Unequal Failure Protection Coding Technique for Distributed Cloud Storage Systems. IEEE Transactions on Cloud Computing, 2021, 9, 386-400.	3.1	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.	3.1	77
51	Distributed matrix factorization based on fast optimization for implicit feedback recommendation. Journal of Intelligent Information Systems, 2021, 56, 49-72.	2.8	6
52	Multiple local 3D CNNs for region-based prediction in smart cities. Information Sciences, 2021, 542, 476-491.	4.0	33
53	An Intermediate Data Partition Algorithm for Skew Mitigation in Spark Computing Environment. IEEE Transactions on Cloud Computing, 2021, 9, 461-474.	3.1	18
54	CASpMV: A Customized and Accelerative SpMV Framework for the Sunway TaihuLight. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 131-146.	4.0	69

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55	Task migration optimization for guaranteeing delay deadline with mobility consideration in mobile edge computing. <i>Journal of Systems Architecture</i> , 2021, 112, 101849.	2.5	11
56	Execution cost minimization scheduling algorithms for deadline-constrained parallel applications on heterogeneous clouds. <i>Cluster Computing</i> , 2021, 24, 701-715.	3.5	13
57	On the profits of competing cloud service providers: A game theoretic approach. <i>Journal of Computer and System Sciences</i> , 2021, 117, 130-153.	0.9	3
58	Performance analysis of nonlinear activated zeroing neural networks for time-varying matrix pseudoinversion with application. <i>Applied Soft Computing Journal</i> , 2021, 98, 106735.	4.1	14
59	A robust generative classifier against transfer attacks based on variational auto-encoders. <i>Information Sciences</i> , 2021, 550, 57-70.	4.0	5
60	Attention-Aware Encoder-Decoder Neural Networks for Heterogeneous Graphs of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 2890-2898.	7.2	16
61	Fetal cardiac cycle detection in multi-resource echocardiograms using hybrid classification framework. <i>Future Generation Computer Systems</i> , 2021, 115, 825-836.	4.9	42
62	A Graph-Based Approach for Missing Sensor Data Imputation. <i>IEEE Sensors Journal</i> , 2021, 21, 23133-23144.	2.4	11
63	Efficiently Inferring Top- k Largest Monitoring Data Entries Based on Discrete Tensor Completion. <i>IEEE/ACM Transactions on Networking</i> , 2021, 29, 2737-2750.	2.6	1
64	Server configuration optimization in mobile edge computing: A cost-performance tradeoff perspective. <i>Software - Practice and Experience</i> , 2021, 51, 1868-1895.	2.5	13
65	CacheTrack-YOLO: Real-Time Detection and Tracking for Thyroid Nodules and Surrounding Tissues in Ultrasound Videos. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 3812-3823.	3.9	19
66	SGD_Tucker: A Novel Stochastic Optimization Strategy for Scalable Parallel Sparse Tucker Decomposition. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021, , 1-1.	4.0	4
67	AEML: An Acceleration Engine for Multi-GPU Load-balancing in Distributed Heterogeneous Environment. <i>IEEE Transactions on Computers</i> , 2021, , 1-1.	2.4	6
68	Heuristic Computation Offloading Algorithms for Mobile Users in Fog Computing. <i>Transactions on Embedded Computing Systems</i> , 2021, 20, 1-28.	2.1	25
69	Short- and long-term cost and performance optimization for mobile user equipments. <i>Journal of Parallel and Distributed Computing</i> , 2021, 150, 69-84.	2.7	4
70	A Stateful Bloom Filter for Per-Flow State Monitoring. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 1399-1413.	4.1	0
71	Progressive approaches to flexible group skyline queries. <i>Knowledge and Information Systems</i> , 2021, 63, 1471-1496.	2.1	1
72	A novel cooperative resource provisioning strategy for Multi-Cloud load balancing. <i>Journal of Parallel and Distributed Computing</i> , 2021, 152, 98-107.	2.7	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.	4.0	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.	4.0	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.	7.5	21
76	Automatic Fetal Ultrasound Standard Plane Recognition Based on Deep Learning and IIoT. IEEE Transactions on Industrial Informatics, 2021, 17, 7771-7780.	7.2	116
77	A Survey of Profit Optimization Techniques for Cloud Providers. ACM Computing Surveys, 2021, 53, 1-35.	16.1	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.	2.5	4
79	Budget-Constrained Service Allocation Optimization for Mobile Edge Computing. IEEE Transactions on Services Computing, 2021, , 1-1.	3.2	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.	4.0	8
81	A Global Cost-aware Container Scheduling Strategy in Cloud Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	4.0	3
82	A Network Load Perception based Task Scheduler for Parallel Distributed Data Processing Systems. IEEE Transactions on Cloud Computing, 2021, , 1-1.	3.1	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.	2.1	1
84	A Data Skew Oriented Reduce Placement Algorithm Based on Sampling. IEEE Transactions on Cloud Computing, 2020, 8, 1149-1161.	3.1	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.	1.9	1
86	An angle dominance criterion for evolutionary many-objective optimization. Information Sciences, 2020, 509, 376-399.	4.0	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.	5.9	49
88	A scheduling scheme in the cloud computing environment using deep Q-learning. Information Sciences, 2020, 512, 1170-1191.	4.0	146
89	Dynamic multi-client searchable symmetric encryption with support for boolean queries. Information Sciences, 2020, 506, 234-257.	4.0	31
90	A half-precision compressive sensing framework for end-to-end person re-identification. Neural Computing and Applications, 2020, 32, 1141-1155.	3.2	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.	3.9	15
92	Multi-task cascade deep convolutional neural networks for large-scale commodity recognition. Neural Computing and Applications, 2020, 32, 5633-5647.	3.2	19
93	Attentive Semantic and Perceptual Faces Completion Using Self-attention Generative Adversarial Networks. Neural Processing Letters, 2020, 51, 211-229.	2.0	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.	3.2	17
95	HeteroYARN: A Heterogeneous FPGA-Accelerated Architecture Based on YARN. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2968-2980.	4.0	2
96	Game theory-based optimization of distributed idle computing resources in cloud environments. Theoretical Computer Science, 2020, 806, 468-488.	0.5	15
97	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
98	Comprehensive design and analysis of time-varying delayed zeroing neural network and its application to matrix inversion. Neurocomputing, 2020, 379, 273-283.	3.5	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.	3.5	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.	4.1	18
101	Multi-task allocation with an optimized quantum particle swarm method. Applied Soft Computing Journal, 2020, 96, 106603.	4.1	38
102	Deep end-to-end learning for price prediction of second-hand items. Knowledge and Information Systems, 2020, 62, 4541-4568.	2.1	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.	4.9	10
105	An online and generalized non-negativity constrained model for large-scale sparse tensor estimation on multi-GPU. Neurocomputing, 2020, 399, 18-36.	3.5	1
106	tpSpMV: A two-phase large-scale sparse matrix-vector multiplication kernel for manycore architectures. Information Sciences, 2020, 523, 279-295.	4.0	6
107	Cell-like P systems with evolutionary symport/antiport rules and membrane creation. Information and Computation, 2020, 275, 104542.	0.5	47
108	Accelerated CPUâ€“GPU implementations for quaternion polar harmonic transform of color images. Future Generation Computer Systems, 2020, 107, 368-382.	4.9	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. <i>Neurocomputing</i> , 2020, 390, 78-87.	3.5	12
110	Multistep-ahead forecasting of coal prices using a hybrid deep learning model. <i>Resources Policy</i> , 2020, 65, 101588.	4.2	71
111	Dynamic memory-aware scheduling in spark computing environment. <i>Journal of Parallel and Distributed Computing</i> , 2020, 141, 10-22.	2.7	23
112	MalFCS: An effective malware classification framework with automated feature extraction based on deep convolutional neural networks. <i>Journal of Parallel and Distributed Computing</i> , 2020, 141, 49-58.	2.7	84
113	Game theoretic interpretability for learning based preoperative gliomas grading. <i>Future Generation Computer Systems</i> , 2020, 112, 1-10.	4.9	14
114	Directional and Explainable Serendipity Recommendation. , 2020, , .		19
115	A Decision Support System to Provide Criminal Pattern Based Suggestions to Travelers. <i>Lecture Notes in Computer Science</i> , 2020, , 582-587.	1.0	0
116	Progressive Approaches for Pareto Optimal Groups Computation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019, 31, 521-534.	4.0	30
117	Profit Maximization for Cloud Brokers in Cloud Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019, 30, 190-203.	4.0	77
118	A periodicity-based parallel time series prediction algorithm in cloud computing environments. <i>Information Sciences</i> , 2019, 496, 506-537.	4.0	61
119	VBTree: forward secure conjunctive queries over encrypted data for cloud computing. <i>VLDB Journal</i> , 2019, 28, 25-46.	2.7	26
120	CLS-Miner: efficient and effective closed high-utility itemset mining. <i>Frontiers of Computer Science</i> , 2019, 13, 357-381.	1.6	43
121	Gated Residual Recurrent Graph Neural Networks for Traffic Prediction. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 485-492.	3.6	136
122	Design and analysis of new complex zeroing neural network for a set of dynamic complex linear equations. <i>Neurocomputing</i> , 2019, 363, 171-181.	3.5	14
123	MCtandem: an efficient tool for large-scale peptide identification on many integrated core (MIC) architecture. <i>BMC Bioinformatics</i> , 2019, 20, 397.	1.2	9
124	Implementation and optimization of a data protecting model on the Sunway TaihuLight supercomputer with heterogeneous many-core processors. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e4758.	1.4	6
125	Editorial Message: Special Issue on Advances in Parallel and Distributed Computing for Fuzzy Systems. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 1868-1869.	2.3	2
126	Automatically Detecting Excavator Anomalies Based on Machine Learning. <i>Symmetry</i> , 2019, 11, 957.	1.1	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.	7.2	60
128	Low-Cost Image Compressive Sensing with Multiple Measurement Rates for Object Detection. Sensors, 2019, 19, 2079.	2.1	6
129	Efficient processing of top $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1136" altimg="si702.svg"} \rangle \langle \text{mml:mi} \rangle k \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ group skyline queries. Knowledge-Based Systems, 2019, 182, 104795.	4.0	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.	3.5	16
131	Multiple convolutional neural networks for multivariate time series prediction. Neurocomputing, 2019, 360, 107-119.	3.5	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.	3.5	157
133	Adversarial de-noising of electrocardiogram. Neurocomputing, 2019, 349, 212-224.	3.5	34
134	Optimal Virtual Machine Placement Based on Grey Wolf Optimization. Electronics (Switzerland), 2019, 8, 283.	1.8	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.	4.0	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.	4.0	31
139	A novel recurrent neural network and its finite-time solution to time-varying complex matrix inversion. Neurocomputing, 2019, 331, 483-492.	3.5	41
140	A Virtual Multi-Channel GPU Fair Scheduling Method for Virtual Machines. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 257-270.	4.0	14
141	A hybrid particle swarm optimization algorithm for load balancing of MDS on heterogeneous computing systems. Neurocomputing, 2019, 330, 380-393.	3.5	21
142	Nonlinear gradient neural network for solving system of linear equations. Information Processing Letters, 2019, 142, 35-40.	0.4	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.	4.0	145
144	New concept to improve cooperation in dynamic complex network. Neurocomputing, 2019, 332, 80-90.	3.5	3

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145	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
146	Finding Optimal Skyline Product Combinations under Price Promotion. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019, 31, 138-151.	4.0	14
147	A new effective operator for the hybrid algorithm for solving global optimisation problems. <i>International Journal of Systems Science</i> , 2018, 49, 1088-1102.	3.7	2
148	Optimal load distribution for multiple classes of applications on heterogeneous servers with variable speeds. <i>Software - Practice and Experience</i> , 2018, 48, 1805-1819.	2.5	8
149	GFLink: An In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018, 29, 1275-1288.	4.0	80
150	A disease diagnosis and treatment recommendation system based on big data mining and cloud computing. <i>Information Sciences</i> , 2018, 435, 124-149.	4.0	123
151	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
152	A Fund-Constrained Investment Scheme for Profit Maximization in Cloud Computing. <i>IEEE Transactions on Services Computing</i> , 2018, 11, 893-907.	3.2	37
153	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
154	MSGD: A Novel Matrix Factorization Approach for Large-Scale Collaborative Filtering Recommender Systems on GPUs. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018, 29, 1530-1544.	4.0	77
155	A parallel computing method using blocked format with optimal partitioning for SpMV on GPU. <i>Journal of Computer and System Sciences</i> , 2018, 92, 152-170.	0.9	20
156	Contention-Aware Reliability Efficient Scheduling on Heterogeneous Computing Systems. <i>IEEE Transactions on Sustainable Computing</i> , 2018, 3, 182-194.	2.2	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. <i>BMC Systems Biology</i> , 2018, 12, 111.	3.0	8
161	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
162	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

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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.	4.5	27
164	Top k probabilistic skyline queries on uncertain data. Neurocomputing, 2018, 317, 1-14.	3.5	6
165	MRUniNovo: an efficient tool for <i>de novo</i> peptide sequencing utilizing the hadoop distributed computing framework. Bioinformatics, 2017, 33, 944-946.	1.8	15
166	A multi-user searchable encryption scheme with keyword authorization in a cloud storage. Future Generation Computer Systems, 2017, 72, 208-218.	4.9	41
167	Chemical reaction optimization with unified tabu search for the vehicle routing problem. Soft Computing, 2017, 21, 6421-6433.	2.1	9
168	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
169	An efficient algorithm for mining top-k on-shelf high utility itemsets. Knowledge and Information Systems, 2017, 52, 621-655.	2.1	29
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