Maozhen Li

List of Publications by Year
in descending order

125 papers	2,084 citations	279778 23 h-index	315719 38 g-index
126 all docs	126 docs citations	126 times ranked	1891 citing authors

#	Article	IF	Citations
1	Distributed Set-Membership Filtering for Multirate Systems Under the Round-Robin Scheduling Over Sensor Networks. IEEE Transactions on Cybernetics, 2020, 50, 1910-1920.	9.5	131
2	Hadoop Performance Modeling for Job Estimation and Resource Provisioning. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 441-454.	5.6	85
3	MSML: A Novel Multilevel Semi-Supervised Machine Learning Framework for Intrusion Detection System. IEEE Internet of Things Journal, 2019, 6, 1949-1959.	8.7	82
4	A survey of emerging approaches to spam filtering. ACM Computing Surveys, 2012, 44, 1-27.	23.0	71
5	NetworkAI: An Intelligent Network Architecture for Self-Learning Control Strategies in Software Defined Networks. IEEE Internet of Things Journal, 2018, 5, 4319-4327.	8.7	68
6	Tender Tea Shoots Recognition and Positioning for Picking Robot Using Improved YOLO-V3 Model. IEEE Access, 2019, 7, 180998-181011.	4.2	68
7	A MapReduce-based distributed SVM algorithm for automatic image annotation. Computers and Mathematics With Applications, 2011, 62, 2801-2811.	2.7	63
8	A MapReduce based parallel SVM for large scale spam filtering. , 2011, , .		55
9	HSim: A MapReduce simulator in enabling Cloud Computing. Future Generation Computer Systems, 2013, 29, 300-308.	7.5	54
10	An analysis of generative adversarial networks and variants for image synthesis on MNIST dataset. Multimedia Tools and Applications, 2020, 79, 13725-13752.	3.9	52
11	State Estimation for Stochastic Time-Varying Boolean Networks. IEEE Transactions on Automatic Control, 2020, 65, 5480-5487.	5.7	47
12	Computer vision-based high-quality tea automatic plucking robot using Delta parallel manipulator. Computers and Electronics in Agriculture, 2021, 181, 105946.	7.7	47
13	Probability-Dependent Gain-Scheduled Filtering for Stochastic Systems With Missing Measurements. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 753-757.	3.0	43
14	Parallel Detrended Fluctuation Analysis for Fast Event Detection on Massive PMU Data. IEEE Transactions on Smart Grid, 2015, 6, 360-368.	9.0	43
15	Emotion detection from EEG recordings based on supervised and unsupervised dimension reduction. Concurrency Computation Practice and Experience, 2018, 30, e4446.	2.2	43
16	Virtual network embedding based on modified genetic algorithm. Peer-to-Peer Networking and Applications, 2019, 12, 481-492.	3.9	43
17	CLOTHO: A Large-Scale Internet of Things-Based Crowd Evacuation Planning System for Disaster Management. IEEE Internet of Things Journal, 2018, 5, 3559-3568.	8.7	42
18	A MapReduce-based distributed SVM ensemble for scalable image classification and annotation. Computers and Mathematics With Applications, 2013, 66, 1920-1934.	2.7	41

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19	Operating Reliability Evaluation of Power Systems Considering Flexible Reserve Provider in Demand Side. IEEE Transactions on Smart Grid, 2019, 10, 3452-3464.	9.0	40
20	Improved TrAdaBoost and its Application to Transaction Fraud Detection. IEEE Transactions on Computational Social Systems, 2020, 7, 1304-1316.	4.4	38
21	An ontology enhanced parallel SVM for scalable spam filter training. Neurocomputing, 2013, 108, 45-57.	5.9	37
22	The Parallelization of Back Propagation Neural Network in MapReduce and Spark. International Journal of Parallel Programming, 2017, 45, 760-779.	1.5	31
23	Edge Intelligence-driven Joint Offloading and Resource Allocation for Future 6G Industrial Internet of Things. IEEE Transactions on Network Science and Engineering, 2024, , 1-1.	6.4	31
24	Hierarchical Feature Extraction for Early Alzheimerâ€™s Disease Diagnosis. IEEE Access, 2019, 7, 93752-93760.	4.2	30
25	Enhancing genetic algorithms for dependent job scheduling in grid computing environments. Journal of Supercomputing, 2012, 62, 290-314.	3.6	25
26	SGrid: a service-oriented model for the Semantic Grid. Future Generation Computer Systems, 2004, 20, 7-18.	7.5	23
27	Big data analytics on PMU measurements. , 2014, , .		23
28	Optimizing Node Localization in Wireless Sensor Networks Based on Received Signal Strength Indicator. IEEE Access, 2019, 7, 73880-73889.	4.2	23
29	Spark-Based Parallel Deep Neural Network Model for Classification of Large Scale RNAs into piRNAs and Non-piRNAs. IEEE Access, 2020, 8, 136978-136991.	4.2	23
30	Hadoopâ€based framework for big data analysis of synchronised harmonics in active distribution network. IET Generation, Transmission and Distribution, 2017, 11, 3930-3937.	2.5	19
31	Zero-Shot Learning for EEG Classification in Motor Imagery-Based BCI System. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2411-2419.	4.9	18
32	An Alternating-Direction-Method of Multipliers-Incorporated Approach to Symmetric Non-Negative Latent Factor Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4826-4840.	11.3	18
33	Research and application of random forest model in mining automobile insurance fraud. , 2016, , .		17
34	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
35	Enhancing list scheduling heuristics for dependent job scheduling in grid computing environments. Journal of Supercomputing, 2012, 59, 104-130.	3.6	16
36	Optimizing hadoop parameter settings with gene expression programming guided PSO. Concurrency Computation Practice and Experience, 2017, 29, e3786.	2.2	16

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37	Deadlock Property Analysis of Concurrent Programs Based on Petri Net Structure. International Journal of Parallel Programming, 2017, 45, 879-898.	1.5	16
38	High-performance predictor for critical unstable generators based on scalable parallelized neural networks. Journal of Modern Power Systems and Clean Energy, 2016, 4, 414-426.	5.4	15
39	Fuzzy logic approach to modelling trust in cloud computing. IET Cyber-Physical Systems: Theory and Applications, 2017, 2, 84-89.	3.3	15
40	Incorporating Domain Knowledge into Natural Language Inference on Clinical Texts. IEEE Access, 2019, 7, 57623-57632.	4.2	15
41	RRGCCAN: Re-Ranking via Graph Convolution Channel Attention Network for Person Re-Identification. IEEE Access, 2020, 8, 131352-131360.	4.2	15
42	Evaluating Machine Learning Techniques for Automatic Image Annotations. , 2009, , .		14
43	Combining LSTM and DenseNet for Automatic Annotation and Classification of Chest X-Ray Images. IEEE Access, 2019, 7, 74181-74189.	4.2	13
44	A distributed SVM for scalable image annotation. , 2011, , .		12
45	Performance evaluation of Latent Dirichlet Allocation in text mining. , 2011, , .		11
46	PGGA: A predictable and grouped genetic algorithm for job scheduling. Future Generation Computer Systems, 2006, 22, 588-599.	7.5	10
47	Load balancing in MapReduce environments for data intensive applications. , 2011, , .		10
48	A Fuzzy Support Vector Machine-Enhanced Convolutional Neural Network for Recognition of Glass Defects. International Journal of Fuzzy Systems, 2019, 21, 1870-1881.	4.0	10
49	A grouped P2P network for scalable grid information services. Peer-to-Peer Networking and Applications, 2009, 2, 3-12.	3.9	9
50	Parallelizing multiclass support vector machines for scalable image annotation. Neural Computing and Applications, 2014, 24, 367-381.	5.6	9
51	A MapReduceâ€based parallel Kâ€means clustering for largeâ€scale CIM data verification. Concurrency Computation Practice and Experience, 2016, 28, 3096-3114.	2.2	9
52	A Repair of Workflow Models Based on Mirroring Matrices. International Journal of Parallel Programming, 2017, 45, 1001-1020.	1.5	9
53	Dataâ€driven pedestrian reâ€identification based on hierarchical semantic representation. Concurrency Computation Practice and Experience, 2018, 30, e4403.	2.2	9
54	Zero Defect Manufacturing of Microsemiconductors â€“ An Application of Machine Learning and Artificial Intelligence. , 2018, , .		9

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55	Transfer learningâ€based online multiperson tracking with Gaussian process regression. Concurrency Computation Practice and Experience, 2018, 30, e4917.	2.2	9
56	Parallelizing Convolutional Neural Networks for Action Event Recognition in Surveillance Videos. International Journal of Parallel Programming, 2017, 45, 734-759.	1.5	8
57	EGEP: An Event Tracker Enhanced Gene Expression Programming for Data Driven System Engineering Problems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 117-126.	4.9	8
58	Disease Prediction and Early Intervention System Based on Symptom Similarity Analysis. IEEE Access, 2019, 7, 176484-176494.	4.2	8
59	The Measurement Method for the Size of the Hole on the Part Surface Based on Grating Image Processing. IEEE Access, 2020, 8, 29159-29168.	4.2	8
60	CEModule: A Computation Efficient Module for Lightweight Convolutional Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6069-6080.	11.3	8
61	MAPBOT: a Web based map information retrieval system. Information and Software Technology, 2003, 45, 691-698.	4.4	7
62	SpamCloud: A MapReduce based anti-spam architecture. , 2010, , .		7
63	Parallelizing multiclass Support Vector Machines for scalable image annotation. , 2011, , .		7
64	Semantic File Annotation and Retrieval on Mobile Devices. Mobile Information Systems, 2011, 7, 107-122.	0.6	7
65	A distributed SVM ensemble for image classification and annotation. , 2012, , .		7
66	gSched: a resource aware Hadoop scheduler for heterogeneous cloud computing environments. Concurrency Computation Practice and Experience, 2017, 29, e3841.	2.2	7
67	Optimizing Hadoop Performance for Big Data Analytics in Smart Grid. Mathematical Problems in Engineering, 2017, 2017, 1-11.	1.1	7
68	A MapReduce Based High Performance Neural Network in Enabling Fast Stability Assessment of Power Systems. Mathematical Problems in Engineering, 2017, 2017, 1-12.	1.1	7
69	Generalized Pareto Model Based on Particle Swarm Optimization for Anomaly Detection. IEEE Access, 2019, 7, 176329-176338.	4.2	7
70	Soundness Analytics of Composed Logical Workflow Nets. International Journal of Parallel Programming, 2019, 47, 709-724.	1.5	7
71	Task Transfer Learning for EEG Classification in Motor Imagery-Based BCI System. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-11.	1.3	7
72	SKG-Learning: a deep learning model for sentiment knowledge graph construction in social networks. Neural Computing and Applications, 2022, 34, 11015-11034.	5.6	7

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73	Leveraging legacy codes to distributed problem-solving environments: a Web services approach. Software - Practice and Experience, 2004, 34, 1297-1309.	3.6	6
74	Dealing With Uncertain Entities in Ontology Alignment Using Rough Sets. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 1600-1612.	2.9	6
75	Trust Modeling in Cloud Computing. , 2016, , .		6
76	Sparse representations based distributed attribute learning for person re-identification. Multimedia Tools and Applications, 2017, 76, 25015-25037.	3.9	6
77	Schema Theory-Based Data Engineering in Gene Expression Programming for Big Data Analytics. IEEE Transactions on Evolutionary Computation, 2018, 22, 792-804.	10.0	6
78	Data-Driven Logical Topology Inference for Managing Safety and Re-Identification of Patients Through Multi-Cameras IoT. IEEE Access, 2019, 7, 159466-159478.	4.2	6
79	Chinese named-entity recognition via self-attention mechanism and position-aware influence propagation embedding. Data and Knowledge Engineering, 2022, 139, 101983.	3.4	6
80	Facilitating resource discovery in grid environments with peer-to-peer structured tuple spaces. Peer-to-Peer Networking and Applications, 2009, 2, 283-297.	3.9	5
81	Optimizing peer selection in BitTorrent networks with genetic algorithms. Future Generation Computer Systems, 2010, 26, 1151-1156.	7.5	5
82	Data locality in Hadoop cluster systems. , 2014, , .		5
83	Big Data Management in Digital Forensics. , 2014, , .		5
84	A Resource Aware MapReduce Based Parallel SVM for Large Scale Image Classifications. Neural Processing Letters, 2016, 44, 161-184.	3.2	5
85	<scp>Internet of People</scp>. Concurrency Computation Practice and Experience, 2017, 29, e4050.	2.2	5
86	MapReduceâ€based parallel GEP algorithm for efficient function mining in big data applications. Concurrency Computation Practice and Experience, 2018, 30, e4379.	2.2	5
87	FARM: file annotation and retrieval on mobile devices. Personal and Ubiquitous Computing, 2011, 15, 771-779.	2.8	4
88	A new approach for EEG feature extraction for detecting error-related potentials. , 2016, , .		4
89	Semantic enhanced deep learning for image classification. Concurrency Computation Practice and Experience, 2018, 30, e4388.	2.2	4
90	An Annotation Model on End-to-End Chest Radiology Reports. IEEE Access, 2019, 7, 65757-65765.	4.2	4

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91	Sparse feature auto-combination deep network for video action recognition. , 2017, , .		3
92	Reduced alignment based on Petri nets. Concurrency Computation Practice and Experience, 2018, 30, e4411.	2.2	3
93	Towards a Data Driven Robust Event Detection Technique for Smart Grids. , 2018, , .		3
94	Application and Performance Optimization of MapReduce Model in Image Segmentation. IEEE Access, 2020, 8, 31835-31844.	4.2	3
95	Hybridization between Neural Computing and Nature-Inspired Algorithms for a Sentence Similarity Model Based on the Attention Mechanism. ACM Transactions on Asian and Low-Resource Language Information Processing, 2021, 20, 1-21.	2.0	3
96	A Data Driven Approach to Robust Event Detection in Smart Grids Based on Random Matrix Theory and Kalman Filtering. Energies, 2021, 14, 2166.	3.1	3
97	CloudSimHypervisor: Modeling and Simulating Network Slicing in Software-Defined Cloud Networks. IEEE Access, 2021, 9, 72484-72498.	4.2	3
98	Component-based Problem Solving Environments for Computational Science. Series on Component-based Software Development, 2004, , 281-299.	0.2	3
99	Logical Topology Inference via CPGCN Joint Optimizing With Pedestrian Re-Id. IEEE Transactions on Neural Networks and Learning Systems, 2021, PP, 1-13.	11.3	3
100	Engineering high-performance legacy codes as CORBA components for problem-solving environments. Journal of Parallel and Distributed Computing, 2003, 63, 1152-1163.	4.1	2
101	Migrating legacy codes to distributed computing environments: a CORBA approach. Information and Software Technology, 2004, 46, 457-464.	4.4	2
102	Evaluating Heuristics for Grid Workflow Scheduling. , 2009, , .		2
103	Preserving discriminant manifold subspace learning for plant leaf recognition. , 2016, , .		2
104	Parallelizing Hartley transform with Hadoop for fast detection of glass defects. Concurrency Computation Practice and Experience, 2018, 30, e4499.	2.2	2
105	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
106	Automatically wrapping legacy software into services: A grid case study. Peer-to-Peer Networking and Applications, 2008, 1, 139-147.	3.9	1
107	Intelligent mobile messaging. , 2011, , .		1
108	Mobile message-aware enhancement using fuzzy lattice reasoning. , 2012, , .		1

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109	Two-stage Control Strategy for Structure Optimization of Faulted Distribution System with Distributed Generation. Electric Power Components and Systems, 2014, 42, 595-604.	1.8	1
110	Parallelizing abnormal event detection in crowded scenes with GPU. , 2015, , .		1
111	Visual attributes based sparse multitask action recognition. , 2016, , .		1
112	Compressive tracking combined with sample weights and adaptive learning factor. Concurrency Computation Practice and Experience, 2018, 30, e4398.	2.2	1
113	Performance analysis of a fail-safe wireless communication architecture for IoT based fire alarm control panels. SN Applied Sciences, 2021, 3, .	2.9	1
114	Ontology based file retrieval framework for resource limited mobile devices. , 2011, , .		0
115	Semantic based file retrieval on resource limited devices with ontology alignment support. , 2011, , .		0
116	A MapReduce based parallel algorithm for CIM data verification. , 2014, , .		0
117	A Knowledge Resources Based Neural Network for Learning Word and Relation Representations. , 2015, , .		0
118	The neurophysiological effects of distraction on sustained attention. , 2016, , .		0
119	Guest Editorial: The Parallel Storage, Processing and Analysis for Big Data. International Journal of Parallel Programming, 2017, 45, 731-733.	1.5	0
120	Financial risk analytics based on radial basis function neural network. , 2017, , .		0
121	High performance deep learning techniques for big data analytics. Concurrency Computation Practice and Experience, 2018, 30, e5032.	2.2	0
122	Neural Substrates of the Morphological Structure of Chinese Words. Mathematical Problems in Engineering, 2021, 2021, 1-7.	1.1	0
123	Modeling Scalable Grid Information Services with Colored Petri Nets. International Journal of Grid and High Performance Computing, 2010, 2, 51-68.	0.9	0
124	Modeling Scalable Grid Information Services with Colored Petri Nets. , 2012, , 701-716.		0
125	Modeling Scalable Grid Information Services with Colored Petri Nets. , 2012, , 169-184.		0