Maozhen Li

List of Publications by Year
in descending order

125 papers	2,084 citations	318942 23 h-index	355658 38 g-index
126 all docs	126 docs citations	126 times ranked	2094 citing authors

#	Article	IF	Citations
1	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.	4.1	31
2	CEModule: A Computation Efficient Module for Lightweight Convolutional Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6069-6080.	7.2	8
3	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.	7.2	18
4	Chinese named-entity recognition via self-attention mechanism and position-aware influence propagation embedding. Data and Knowledge Engineering, 2022, 139, 101983.	2.1	6
5	SKG-Learning: a deep learning model for sentiment knowledge graph construction in social networks. Neural Computing and Applications, 2022, 34, 11015-11034.	3.2	7
6	Neural Substrates of the Morphological Structure of Chinese Words. Mathematical Problems in Engineering, 2021, 2021, 1-7.	0.6	0
7	Computer vision-based high-quality tea automatic plucking robot using Delta parallel manipulator. Computers and Electronics in Agriculture, 2021, 181, 105946.	3.7	47
8	Performance analysis of a fail-safe wireless communication architecture for IoT based fire alarm control panels. SN Applied Sciences, 2021, 3, .	1.5	1
9	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.	1.3	3
10	A Data Driven Approach to Robust Event Detection in Smart Grids Based on Random Matrix Theory and Kalman Filtering. Energies, 2021, 14, 2166.	1.6	3
11	CloudSimHypervisor: Modeling and Simulating Network Slicing in Software-Defined Cloud Networks. IEEE Access, 2021, 9, 72484-72498.	2.6	3
12	Logical Topology Inference via CPGCN Joint Optimizing With Pedestrian Re-Id. IEEE Transactions on Neural Networks and Learning Systems, 2021, PP, 1-13.	7.2	3
13	Distributed Set-Membership Filtering for Multirate Systems Under the Round-Robin Scheduling Over Sensor Networks. IEEE Transactions on Cybernetics, 2020, 50, 1910-1920.	6.2	131
14	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
15	Zero-Shot Learning for EEG Classification in Motor Imagery-Based BCI System. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 2411-2419.	2.7	18
16	Spark-Based Parallel Deep Neural Network Model for Classification of Large Scale RNAs into piRNAs and Non-piRNAs. IEEE Access, 2020, 8, 136978-136991.	2.6	23
17	RRGCCAN: Re-Ranking via Graph Convolution Channel Attention Network for Person Re-Identification. IEEE Access, 2020, 8, 131352-131360.	2.6	15
18	Improved TrAdaBoost and its Application to Transaction Fraud Detection. IEEE Transactions on Computational Social Systems, 2020, 7, 1304-1316.	3.2	38

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19	Task Transfer Learning for EEG Classification in Motor Imagery-Based BCI System. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-11.	0.7	7
20	Application and Performance Optimization of MapReduce Model in Image Segmentation. IEEE Access, 2020, 8, 31835-31844.	2.6	3
21	The Measurement Method for the Size of the Hole on the Part Surface Based on Grating Image Processing. IEEE Access, 2020, 8, 29159-29168.	2.6	8
22	State Estimation for Stochastic Time-Varying Boolean Networks. IEEE Transactions on Automatic Control, 2020, 65, 5480-5487.	3.6	47
23	An analysis of generative adversarial networks and variants for image synthesis on MNIST dataset. Multimedia Tools and Applications, 2020, 79, 13725-13752.	2.6	52
24	Optimizing Node Localization in Wireless Sensor Networks Based on Received Signal Strength Indicator. IEEE Access, 2019, 7, 73880-73889.	2.6	23
25	Hierarchical Feature Extraction for Early Alzheimer's Disease Diagnosis. IEEE Access, 2019, 7, 93752-93760.	2.6	30
26	A Fuzzy Support Vector Machine-Enhanced Convolutional Neural Network for Recognition of Glass Defects. International Journal of Fuzzy Systems, 2019, 21, 1870-1881.	2.3	10
27	Incorporating Domain Knowledge into Natural Language Inference on Clinical Texts. IEEE Access, 2019, 7, 57623-57632.	2.6	15
28	Editorial Message: Special Issue on Advances in Parallel and Distributed Computing for Fuzzy Systems. International Journal of Fuzzy Systems, 2019, 21, 1868-1869.	2.3	2
29	An Annotation Model on End-to-End Chest Radiology Reports. IEEE Access, 2019, 7, 65757-65765.	2.6	4
30	Combining LSTM and DenseNet for Automatic Annotation and Classification of Chest X-Ray Images. IEEE Access, 2019, 7, 74181-74189.	2.6	13
31	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.	3.4	8
32	Tender Tea Shoots Recognition and Positioning for Picking Robot Using Improved YOLO-V3 Model. IEEE Access, 2019, 7, 180998-181011.	2.6	68
33	Data-Driven Logical Topology Inference for Managing Safety and Re-Identification of Patients Through Multi-Cameras IoT. IEEE Access, 2019, 7, 159466-159478.	2.6	6
34	Disease Prediction and Early Intervention System Based on Symptom Similarity Analysis. IEEE Access, 2019, 7, 176484-176494.	2.6	8
35	Generalized Pareto Model Based on Particle Swarm Optimization for Anomaly Detection. IEEE Access, 2019, 7, 176329-176338.	2.6	7
36	MSML: A Novel Multilevel Semi-Supervised Machine Learning Framework for Intrusion Detection System. IEEE Internet of Things Journal, 2019, 6, 1949-1959.	5.5	82

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37	Virtual network embedding based on modified genetic algorithm. Peer-to-Peer Networking and Applications, 2019, 12, 481-492.	2.6	43
38	Soundness Analytics of Composed Logical Workflow Nets. International Journal of Parallel Programming, 2019, 47, 709-724.	1.1	7
39	Operating Reliability Evaluation of Power Systems Considering Flexible Reserve Provider in Demand Side. IEEE Transactions on Smart Grid, 2019, 10, 3452-3464.	6.2	40
40	Emotion detection from EEG recordings based on supervised and unsupervised dimension reduction. Concurrency Computation Practice and Experience, 2018, 30, e4446.	1.4	43
41	Compressive tracking combined with sample weights and adaptive learning factor. Concurrency Computation Practice and Experience, 2018, 30, e4398.	1.4	1
42	Schema Theory-Based Data Engineering in Gene Expression Programming for Big Data Analytics. IEEE Transactions on Evolutionary Computation, 2018, 22, 792-804.	7.5	6
43	Semantic enhanced deep learning for image classification. Concurrency Computation Practice and Experience, 2018, 30, e4388.	1.4	4
44	Dataâ€driven pedestrian reâ€identification based on hierarchical semantic representation. Concurrency Computation Practice and Experience, 2018, 30, e4403.	1.4	9
45	MapReduceâ€based parallel GEP algorithm for efficient function mining in big data applications. Concurrency Computation Practice and Experience, 2018, 30, e4379.	1.4	5
46	Reduced alignment based on Petri nets. Concurrency Computation Practice and Experience, 2018, 30, e4411.	1.4	3
47	CLOTHO: A Large-Scale Internet of Things-Based Crowd Evacuation Planning System for Disaster Management. IEEE Internet of Things Journal, 2018, 5, 3559-3568.	5.5	42
48	Towards a Data Driven Robust Event Detection Technique for Smart Grids. , 2018, , .		3
49	Zero Defect Manufacturing of Microsemiconductors â€" An Application of Machine Learning and Artificial Intelligence. , 2018, , .		9
50	Transfer learningâ€based online multiperson tracking with Gaussian process regression. Concurrency Computation Practice and Experience, 2018, 30, e4917.	1.4	9
51	High performance deep learning techniques for big data analytics. Concurrency Computation Practice and Experience, 2018, 30, e5032.	1.4	0
52	Parallelizing Hartley transform with Hadoop for fast detection of glass defects. Concurrency Computation Practice and Experience, 2018, 30, e4499.	1.4	2
53	NetworkAI: An Intelligent Network Architecture for Self-Learning Control Strategies in Software Defined Networks. IEEE Internet of Things Journal, 2018, 5, 4319-4327.	5.5	68
54	The Parallelization of Back Propagation Neural Network in MapReduce and Spark. International Journal of Parallel Programming, 2017, 45, 760-779.	1.1	31

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55	Optimizing hadoop parameter settings with gene expression programming guided PSO. Concurrency Computation Practice and Experience, 2017, 29, e3786.	1.4	16
56	A Repair of Workflow Models Based on Mirroring Matrices. International Journal of Parallel Programming, 2017, 45, 1001-1020.	1.1	9
57	gSched: a resource aware Hadoop scheduler for heterogeneous cloud computing environments. Concurrency Computation Practice and Experience, 2017, 29, e3841.	1.4	7
58	<scp>Internet of People</scp>. Concurrency Computation Practice and Experience, 2017, 29, e4050.	1.4	5
59	Guest Editorial: The Parallel Storage, Processing and Analysis for Big Data. International Journal of Parallel Programming, 2017, 45, 731-733.	1.1	0
60	Sparse representations based distributed attribute learning for person re-identification. Multimedia Tools and Applications, 2017, 76, 25015-25037.	2.6	6
61	Fuzzy logic approach to modelling trust in cloud computing. IET Cyber-Physical Systems: Theory and Applications, 2017, 2, 84-89.	1.9	15
62	Deadlock Property Analysis of Concurrent Programs Based on Petri Net Structure. International Journal of Parallel Programming, 2017, 45, 879-898.	1.1	16
63	Parallelizing Convolutional Neural Networks for Action Event Recognition in Surveillance Videos. International Journal of Parallel Programming, 2017, 45, 734-759.	1.1	8
64	Financial risk analytics based on radial basis function neural network. , 2017, , .		0
65	Sparse feature auto-combination deep network for video action recognition. , 2017, , .		3
66	Optimizing Hadoop Performance for Big Data Analytics in Smart Grid. Mathematical Problems in Engineering, 2017, 2017, 1-11.	0.6	7
67	A MapReduce Based High Performance Neural Network in Enabling Fast Stability Assessment of Power Systems. Mathematical Problems in Engineering, 2017, 2017, 1-12.	0.6	7
68	Hadoopâ€based framework for big data analysis of synchronised harmonics in active distribution network. IET Generation, Transmission and Distribution, 2017, 11, 3930-3937.	1.4	19
69	Visual attributes based sparse multitask action recognition. , 2016, , .		1
70	The neurophysiological effects of distraction on sustained attention. , 2016, , .		0
71	Trust Modeling in Cloud Computing. , 2016, , .		6
72	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.	3.3	15

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73	A new approach for EEG feature extraction for detecting error-related potentials. , 2016, , .		4
74	Research and application of random forest model in mining automobile insurance fraud. , 2016, , .		17
75	Preserving discriminant manifold subspace learning for plant leaf recognition. , 2016, , .		2
76	A MapReduce–based parallel <i>K–means</i> clustering for large–scale CIM data verification. Concurrency Computation Practice and Experience, 2016, 28, 3096-3114.	1.4	9
77	A Resource Aware MapReduce Based Parallel SVM for Large Scale Image Classifications. Neural Processing Letters, 2016, 44, 161-184.	2.0	5
78	Hadoop Performance Modeling for Job Estimation and Resource Provisioning. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 441-454.	4.0	85
79	A Knowledge Resources Based Neural Network for Learning Word and Relation Representations. , 2015, , .		0
80	Parallelizing abnormal event detection in crowded scenes with GPU. , 2015, , .		1
81	Parallel Detrended Fluctuation Analysis for Fast Event Detection on Massive PMU Data. IEEE Transactions on Smart Grid, 2015, 6, 360-368.	6.2	43
82	Big data analytics on PMU measurements. , 2014, , .		23
83	A MapReduce based parallel algorithm for CIM data verification. , 2014, , .		0
84	Data locality in Hadoop cluster systems. , 2014, , .		5
85	Big Data Management in Digital Forensics. , 2014, , .		5
86	Parallelizing multiclass support vector machines for scalable image annotation. Neural Computing and Applications, 2014, 24, 367-381.	3.2	9
87	Two-stage Control Strategy for Structure Optimization of Faulted Distribution System with Distributed Generation. Electric Power Components and Systems, 2014, 42, 595-604.	1.0	1
88	A MapReduce-based distributed SVM ensemble for scalable image classification and annotation. Computers and Mathematics With Applications, 2013, 66, 1920-1934.	1.4	41
89	An ontology enhanced parallel SVM for scalable spam filter training. Neurocomputing, 2013, 108, 45-57.	3.5	37
90	HSim: A MapReduce simulator in enabling Cloud Computing. Future Generation Computer Systems, 2013, 29, 300-308.	4.9	54

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91	Mobile message-aware enhancement using fuzzy lattice reasoning. , 2012, , .		1
92	A survey of emerging approaches to spam filtering. ACM Computing Surveys, 2012, 44, 1-27.	16.1	71
93	Enhancing genetic algorithms for dependent job scheduling in grid computing environments. Journal of Supercomputing, 2012, 62, 290-314.	2.4	25
94	A distributed SVM ensemble for image classification and annotation. , 2012, , .		7
95	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.	3.3	6
96	Enhancing list scheduling heuristics for dependent job scheduling in grid computing environments. Journal of Supercomputing, 2012, 59, 104-130.	2.4	16
97	Modeling Scalable Grid Information Services with Colored Petri Nets. , 2012, , 701-716.		0
98	Modeling Scalable Grid Information Services with Colored Petri Nets. , 2012, , 169-184.		0
99	Performance evaluation of Latent Dirichlet Allocation in text mining. , 2011, , .		11
100	Parallelizing multiclass Support Vector Machines for scalable image annotation. , 2011, , .		7
101	Probability-Dependent Gain-Scheduled Filtering for Stochastic Systems With Missing Measurements. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 753-757.	2.2	43
102	Load balancing in MapReduce environments for data intensive applications. , 2011, , .		10
103	A MapReduce based parallel SVM for large scale spam filtering. , 2011, , .		55
104	Semantic File Annotation and Retrieval on Mobile Devices. Mobile Information Systems, 2011, 7, 107-122.	0.4	7
105	A MapReduce-based distributed SVM algorithm for automatic image annotation. Computers and Mathematics With Applications, 2011, 62, 2801-2811.	1.4	63
106	FARM: file annotation and retrieval on mobile devices. Personal and Ubiquitous Computing, 2011, 15, 771-779.	1.9	4
107	Ontology based file retrieval framework for resource limited mobile devices. , 2011, , .		0
108	Semantic based file retrieval on resource limited devices with ontology alignment support. , 2011, , .		0

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109	Intelligent mobile messaging. , 2011, , .		1
110	A distributed SVM for scalable image annotation. , 2011, , .		12
111	Optimizing peer selection in BitTorrent networks with genetic algorithms. Future Generation Computer Systems, 2010, 26, 1151-1156.	4.9	5
112	SpamCloud: A MapReduce based anti-spam architecture. , 2010, , .		7
113	Modeling Scalable Grid Information Services with Colored Petri Nets. International Journal of Grid and High Performance Computing, 2010, 2, 51-68.	0.7	0
114	Evaluating Heuristics for Grid Workflow Scheduling. , 2009, , .		2
115	A grouped P2P network for scalable grid information services. Peer-to-Peer Networking and Applications, 2009, 2, 3-12.	2.6	9
116	Facilitating resource discovery in grid environments with peer-to-peer structured tuple spaces. Peer-to-Peer Networking and Applications, 2009, 2, 283-297.	2.6	5
117	Evaluating Machine Learning Techniques for Automatic Image Annotations. , 2009, , .		14
118	Automatically wrapping legacy software into services: A grid case study. Peer-to-Peer Networking and Applications, 2008, 1, 139-147.	2.6	1
119	PGGA: A predictable and grouped genetic algorithm for job scheduling. Future Generation Computer Systems, 2006, 22, 588-599.	4.9	10
120	SGrid: a service-oriented model for the Semantic Grid. Future Generation Computer Systems, 2004, 20, 7-18.	4.9	23
121	Leveraging legacy codes to distributed problem-solving environments: a Web services approach. Software - Practice and Experience, 2004, 34, 1297-1309.	2.5	6
122	Migrating legacy codes to distributed computing environments: a CORBA approach. Information and Software Technology, 2004, 46, 457-464.	3.0	2
123	Component-based Problem Solving Environments for Computational Science. Series on Component-based Software Development, 2004, , 281-299.	0.2	3
124	Engineering high-performance legacy codes as CORBA components for problem-solving environments. Journal of Parallel and Distributed Computing, 2003, 63, 1152-1163.	2.7	2
125	MAPBOT: a Web based map information retrieval system. Information and Software Technology, 2003, 45, 691-698.	3.0	7