# Maozhen Li

## List of Publications by Year
## in descending order

| 125 papers | 2,084 citations | 23 h-index 279798 | 38 g-index 315739 |
|---|---|---|---|
| 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 MapReduce–based parallel <i>K–means</i> clustering for large–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 | Data–driven pedestrian re–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 learning‑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 |