# Shaohua Wan

## List of Publications by Year
in descending order

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|---|---|---|---|
| 173 papers | 7,323 citations | 47006<br>47 h-index | 64796<br>79 g-index |
| 183 all docs | 183 docs citations | 183 times ranked | 4827 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Internet of Things (IoT) and Agricultural Unmanned Aerial Vehicles (UAVs) in smart farming: A comprehensive review. Internet of Things (Netherlands), 2022, 18, 100187. | 7.7 | 350 |
| 2 | Deep Learning Models for Real-time Human Activity Recognition with Smartphones. Mobile Networks and Applications, 2020, 25, 743-755. | 3.3 | 336 |
| 3 | Deep convolutional neural networks for diabetic retinopathy detection by image classification. Computers and Electrical Engineering, 2018, 72, 274-282. | 4.8 | 317 |
| 4 | Faster R-CNN for multi-class fruit detection using a robotic vision system. Computer Networks, 2020, 168, 107036. | 5.1 | 265 |
| 5 | An Edge Traffic Flow Detection Scheme Based on Deep Learning in an Intelligent Transportation System. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1840-1852. | 8.0 | 213 |
| 6 | An edge computing-enabled computation offloading method with privacy preservation for internet of connected vehicles. Future Generation Computer Systems, 2019, 96, 89-100. | 7.5 | 195 |
| 7 | Cognitive computing and wireless communications on the edge for healthcare service robots. Computer Communications, 2020, 149, 99-106. | 5.1 | 170 |
| 8 | Knowledge-Aided Convolutional Neural Network for Small Organ Segmentation. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1363-1373. | 6.3 | 159 |
| 9 | Stimulus-driven and concept-driven analysis for image caption generation. Neurocomputing, 2020, 398, 520-530. | 5.9 | 158 |
| 10 | Multi-dimensional data indexing and range query processing via Voronoi diagram for internet of things. Future Generation Computer Systems, 2019, 91, 382-391. | 7.5 | 157 |
| 11 | Adaptive Fusion and Category-Level Dictionary Learning Model for Multiview Human Action Recognition. IEEE Internet of Things Journal, 2019, 6, 9280-9293. | 8.7 | 154 |
| 12 | Finding All You Need: Web APIs Recommendation in Web of Things Through Keywords Search. IEEE Transactions on Computational Social Systems, 2019, 6, 1063-1072. | 4.4 | 129 |
| 13 | Joint Optimization of Offloading Utility and Privacy for Edge Computing Enabled IoT. IEEE Internet of Things Journal, 2020, 7, 2622-2629. | 8.7 | 129 |
| 14 | Automated Colorization of a Grayscale Image With Seed Points Propagation. IEEE Transactions on Multimedia, 2020, 22, 1756-1768. | 7.2 | 118 |
| 15 | A long video caption generation algorithm for big video data retrieval. Future Generation Computer Systems, 2019, 93, 583-595. | 7.5 | 115 |
| 16 | Edge Server Quantification and Placement for Offloading Social Media Services in Industrial Cognitive IoV. IEEE Transactions on Industrial Informatics, 2021, 17, 2910-2918. | 11.3 | 107 |
| 17 | A long short‐term memory‐based model for greenhouse climate prediction. International Journal of Intelligent Systems, 2022, 37, 135-151. | 5.7 | 102 |
| 18 | On the Construction of Data Aggregation Tree With Maximizing Lifetime in Large-Scale Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 7433-7440. | 4.7 | 100 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Efficient computation offloading for Internet of Vehicles in edge computing-assisted 5G networks. Journal of Supercomputing, 2020, 76, 2518-2547. | 3.6 | 97 |
| 20 | FedCPF: An Efficient-Communication Federated Learning Approach for Vehicular Edge Computing in 6G Communication Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1616-1629. | 8.0 | 97 |
| 21 | Classifying transportation mode and speed from trajectory data via deep multi-scale learning. Computer Networks, 2019, 162, 106861. | 5.1 | 95 |
| 22 | Blockchain-Empowered Decentralized Horizontal Federated Learning for 5G-Enabled UAVs. IEEE Transactions on Industrial Informatics, 2022, 18, 3582-3592. | 11.3 | 95 |
| 23 | Edge computing enabled video segmentation for real-time traffic monitoring in internet of vehicles. Pattern Recognition, 2022, 121, 108146. | 8.1 | 93 |
| 24 | Deep Multi-Layer Perceptron Classifier for Behavior Analysis to Estimate Parkinson's Disease Severity Using Smartphones. IEEE Access, 2018, 6, 36825-36833. | 4.2 | 92 |
| 25 | Dynamic Resource Provisioning With Fault Tolerance for Data-Intensive Meteorological Workflows in Cloud. IEEE Transactions on Industrial Informatics, 2020, 16, 6172-6181. | 11.3 | 88 |
| 26 | Dynamic Mobile Crowdsourcing Selection for Electricity Load Forecasting. IEEE Access, 2018, 6, 46926-46937. | 4.2 | 86 |
| 27 | An Intelligent Video Analysis Method for Abnormal Event Detection in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4487-4495. | 8.0 | 82 |
| 28 | Exploring Deep Learning for View-Based 3D Model Retrieval. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-21. | 4.3 | 81 |
| 29 | Spatial-temporal data-driven service recommendation with privacy-preservation. Information Sciences, 2020, 515, 91-102. | 6.9 | 79 |
| 30 | Distributed computation offloading method based on deep reinforcement learning in ICV. Applied Soft Computing Journal, 2021, 103, 107108. | 7.2 | 77 |
| 31 | Security Challenges and Opportunities for Smart Contracts in Internet of Things: A Survey. IEEE Internet of Things Journal, 2021, 8, 12004-12020. | 8.7 | 77 |
| 32 | Recent advances in consensus protocols for blockchain: a survey. Wireless Networks, 2020, 26, 5579-5593. | 3.0 | 75 |
| 33 | Multiple Discrimination and Pairwise CNN for view-based 3D object retrieval. Neural Networks, 2020, 125, 290-302. | 5.9 | 73 |
| 34 | Smart Irrigation System for Precision Agriculture—The AREThOU5A IoT Platform. IEEE Sensors Journal, 2021, 21, 17539-17547. | 4.7 | 73 |
| 35 | Edge Computing Driven Low-Light Image Dynamic Enhancement for Object Detection. IEEE Transactions on Network Science and Engineering, 2023, 10, 3086-3098. | 6.4 | 73 |
| 36 | An edge intelligence empowered flooding process prediction using Internet of things in smart city. Journal of Parallel and Distributed Computing, 2022, 165, 66-78. | 4.1 | 72 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 37 | UAV-Assisted Vehicular Edge Computing for the 6G Internet of Vehicles: Architecture, Intelligence, and Challenges. IEEE Communications Standards Magazine, 2021, 5, 12-18. | 4.9 | 71 |
| 38 | Spontaneous facial expression recognition: A robust metric learning approach. Pattern Recognition, 2014, 47, 1859-1868. | 8.1 | 67 |
| 39 | Traffic Flow Prediction Based on Deep Learning in Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3776-3789. | 8.0 | 65 |
| 40 | Multi-Objective Optimization for Resource Allocation in Vehicular Cloud Computing Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25536-25545. | 8.0 | 63 |
| 41 | Cognitive-inspired class-statistic matching with triple-constrain for camera free 3D object retrieval. Future Generation Computer Systems, 2019, 94, 641-653. | 7.5 | 58 |
| 42 | Parallel LSTM-Based Regional Integrated Energy System Multienergy Source-Load Information Interactive Energy Prediction. Complexity, 2019, 2019, 1-13. | 1.6 | 58 |
| 43 | Visual question answering model based on visual relationship detection. Signal Processing: Image Communication, 2020, 80, 115648. | 3.2 | 58 |
| 44 | Toward Offloading Internet of Vehicles Applications in 5G Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4151-4159. | 8.0 | 57 |
| 45 | A unified two-parallel-branch deep neural network for joint gland contour and segmentation learning. Future Generation Computer Systems, 2019, 100, 316-324. | 7.5 | 54 |
| 46 | Multi-objective computation offloading for Internet of Vehicles in cloud-edge computing. Wireless Networks, 2020, 26, 1611-1629. | 3.0 | 54 |
| 47 | Hybrid Intelligence-Driven Medical Image Recognition for Remote Patient Diagnosis in Internet of Medical Things. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 5817-5828. | 6.3 | 53 |
| 48 | A Computation Offloading Method for Edge Computing With Vehicle-to-Everything. IEEE Access, 2019, 7, 131068-131077. | 4.2 | 52 |
| 49 | A Multihop Task Offloading Decision Model in MEC-Enabled Internet of Vehicles. IEEE Internet of Things Journal, 2023, 10, 3215-3230. | 8.7 | 52 |
| 50 | Machine Learning in Beyond 5G/6G Networks—State-of-the-Art and Future Trends. Electronics (Switzerland), 2021, 10, 2786. | 3.1 | 50 |
| 51 | Diagnosis and recognition of grape leaf diseases: An automated system based on a novel saliency approach and canonical correlation analysis based multiple features fusion. Sustainable Computing: Informatics and Systems, 2019, 24, 100349. | 2.2 | 48 |
| 52 | User-Centric Computation Offloading for Edge Computing. IEEE Internet of Things Journal, 2021, 8, 12559-12568. | 8.7 | 48 |
| 53 | Modeling, Detecting, and Mitigating Threats Against Industrial Healthcare Systems: A Combined Software Defined Networking and Reinforcement Learning Approach. IEEE Transactions on Industrial Informatics, 2022, 18, 2041-2052. | 11.3 | 47 |
| 54 | Image caption generation with high-level image features. Pattern Recognition Letters, 2019, 123, 89-95. | 4.2 | 46 |

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|---|---------|-----|-----------|
| 55 | LMM: latency-aware micro-service mashup in mobile edge computing environment. Neural Computing and Applications, 2020, 32, 15411-15425. | 5.6 | 45 |
| 56 | Data Dissemination for Industry 4.0 Applications in Internet of Vehicles Based on Short-term Traffic Prediction. ACM Transactions on Internet Technology, 2022, 22, 1-18. | 4.4 | 45 |
| 57 | End-edge-cloud collaborative computation offloading for multiple mobile users in heterogeneous edge-server environment. Wireless Networks, 0, , 1. | 3.0 | 42 |
| 58 | Security-Aware Dynamic Scheduling for Real-Time Optimization in Cloud-Based Industrial Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 4219-4228. | 11.3 | 42 |
| 59 | Fabric defect detection based on saliency histogram features. Computational Intelligence, 2019, 35, 517-534. | 3.2 | 39 |
| 60 | Convolutional Neural Networks for forecasting flood process in Internet-of-Things enabled smart city. Computer Networks, 2021, 186, 107744. | 5.1 | 39 |
| 61 | On Improving the accuracy with Auto-Encoder on Conjunctivitis. Applied Soft Computing Journal, 2019, 81, 105489. | 7.2 | 37 |
| 62 | An Intelligent Caching Strategy Considering Time-Space Characteristics in Vehicular Named Data Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19655-19667. | 8.0 | 34 |
| 63 | Diversified and Scalable Service Recommendation With Accuracy Guarantee. IEEE Transactions on Computational Social Systems, 2021, 8, 1182-1193. | 4.4 | 33 |
| 64 | Privacy-preserving and sparsity-aware location-based prediction method for collaborative recommender systems. Future Generation Computer Systems, 2019, 96, 324-335. | 7.5 | 32 |
| 65 | Orbital collaborative learning in 6G space-air-ground integrated networks. Neurocomputing, 2022, 497, 94-109. | 5.9 | 32 |
| 66 | Automatic Tissue Differentiation Based on Confocal Endomicroscopic Images for Intraoperative Guidance in Neurosurgery. BioMed Research International, 2016, 2016, 1-8. | 1.9 | 31 |
| 67 | Efficient sizing and placement of distributed generators in cyber-physical power systems. Journal of Systems Architecture, 2019, 97, 197-207. | 4.3 | 31 |
| 68 | Joint Optimization of Resource Utilization and Load Balance with Privacy Preservation for Edge Services in 5G Networks. Mobile Networks and Applications, 2020, 25, 713-724. | 3.3 | 31 |
| 69 | Local Correlation Ensemble with GCN Based on Attention Features for Cross-domain Person Re-ID. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-22. | 4.3 | 30 |
| 70 | A survey of local differential privacy for securing internet of vehicles. Journal of Supercomputing, 2020, 76, 8391-8412. | 3.6 | 29 |
| 71 | An Intelligent Platooning Algorithm for Sustainable Transportation Systems in Smart Cities. IEEE Sensors Journal, 2021, 21, 15437-15447. | 4.7 | 28 |
| 72 | Role of Gifts in Decision Making: An Endowment Effect Incentive Mechanism for Offloading in the IoV. IEEE Internet of Things Journal, 2019, 6, 6933-6951. | 8.7 | 27 |

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| 73 | Integrating SIFT and CNN Feature Matching for Partial-Duplicate Image Detection. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 593-604. | 4.9 | 27 |
| 74 | Multi-scale relation reasoning for multi-modal Visual Question Answering. Signal Processing: Image Communication, 2021, 96, 116319. | 3.2 | 27 |
| 75 | Distributed Fault Detection for Wireless Sensor Networks Based on Support Vector Regression. Wireless Communications and Mobile Computing, 2018, 2018, 1-8. | 1.2 | 26 |
| 76 | Deep Belief Network for Meteorological Time Series Prediction in the Internet of Things. IEEE Internet of Things Journal, 2019, 6, 4369-4376. | 8.7 | 26 |
| 77 | Safeguarding cross-silo federated learning with local differential privacy. Digital Communications and Networks, 2022, 8, 446-454. | 5.0 | 26 |
| 78 | Comparison among Methods of Ensemble Learning. , 2013, , . | | 25 |
| 79 | Rib segmentation algorithm for X-ray image based on unpaired sample augmentation and multi-scale network. Neural Computing and Applications, 2023, 35, 11583-11597. | 5.6 | 23 |
| 80 | An Effective Edge-Intelligent Service Placement Technology for 5G-and-Beyond Industrial IoT. IEEE Transactions on Industrial Informatics, 2022, 18, 4148-4157. | 11.3 | 22 |
| 81 | Wearable Depth Camera: Monocular Depth Estimation via Sparse Optimization Under Weak Supervision. IEEE Access, 2018, 6, 41337-41345. | 4.2 | 21 |
| 82 | Deep learning for real-time image steganalysis: a survey. Journal of Real-Time Image Processing, 2020, 17, 149-160. | 3.5 | 21 |
| 83 | 3D dynamic facial expression recognition using low-resolution videos. Pattern Recognition Letters, 2015, 65, 157-162. | 4.2 | 20 |
| 84 | Anomaly detection based on random matrix theory for industrial power systems. Journal of Systems Architecture, 2019, 95, 67-74. | 4.3 | 20 |
| 85 | Fair-Hierarchical Scheduling for Diversified Services in Space, Air and Ground for 6G-Dense Internet of Things. IEEE Transactions on Network Science and Engineering, 2021, 8, 2837-2848. | 6.4 | 20 |
| 86 | A Novel Index for Assessing the Robustness of Integrated Electrical Network and a Natural Gas Network. IEEE Access, 2018, 6, 40400-40410. | 4.2 | 19 |
| 87 | A motor imagery EEG signal classification algorithm based on recurrence plot convolution neural network. Pattern Recognition Letters, 2021, 146, 134-141. | 4.2 | 19 |
| 88 | An Analytical Decoupled Corner Smoothing Method for Five-Axis Linear Tool Paths. IEEE Access, 2019, 7, 22763-22772. | 4.2 | 18 |
| 89 | Service Migration Across Edge Devices in 6G-Enabled Internet of Vehicles Networks. IEEE Internet of Things Journal, 2022, 9, 1930-1937. | 8.7 | 18 |
| 90 | Achieving Secure Search over Encrypted Data for e-Commerce. ACM Transactions on Internet Technology, 2021, 21, 1-17. | 4.4 | 17 |

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| 91 | A deep learning based non-intrusive household load identification for smart grid in China. Computer Communications, 2021, 177, 176-184. | 5.1 | 17 |
| 92 | Load-Aware Edge Server Placement for Mobile Edge Computing in 5G Networks. Lecture Notes in Computer Science, 2019, , 494-507. | 1.3 | 16 |
| 93 | Segmentation of ultrasound image sequences by combing a novel deep siamese network with a deformable contour model. Neural Computing and Applications, 2023, 35, 14535-14549. | 5.6 | 16 |
| 94 | Identification and Prediction of Urban Traffic Congestion via Cyber-Physical Link Optimization. IEEE Access, 2018, 6, 63268-63278. | 4.2 | 15 |
| 95 | Gesture image segmentation with Otsuâ€™s method based on noise adaptive angle threshold. Multimedia Tools and Applications, 2020, 79, 35619-35640. | 3.9 | 15 |
| 96 | Contention Resolution in Wi-Fi 6-Enabled Internet of Things Based on Deep Learning. IEEE Internet of Things Journal, 2021, 8, 5309-5320. | 8.7 | 15 |
| 97 | Vulnerability assessment method for cyber-physical system considering node heterogeneity. Journal of Supercomputing, 2020, 76, 2622-2642. | 3.6 | 14 |
| 98 | A survey on FANET routing from a cross-layer design perspective. Journal of Systems Architecture, 2021, 120, 102281. | 4.3 | 14 |
| 99 | CrossRec: Cross-Domain Recommendations Based on Social Big Data and Cognitive Computing. Mobile Networks and Applications, 2018, 23, 1610-1623. | 3.3 | 13 |
| 100 | Topology hiding routing based on learning with errors. Concurrency Computation Practice and Experience, 2020, , e5740. | 2.2 | 13 |
| 101 | Attribute Reduction Based on Genetic Algorithm for the Coevolution of Meteorological Data in the Industrial Internet of Things. Wireless Communications and Mobile Computing, 2019, 2019, 1-8. | 1.2 | 12 |
| 102 | The continuous Galerkin finite element methods for linear neutral delay differential equations. Applied Mathematics and Computation, 2019, 346, 76-85. | 2.2 | 12 |
| 103 | Anomaly detection in bitcoin information networks with multi-constrained meta path. Journal of Systems Architecture, 2020, 110, 101829. | 4.3 | 12 |
| 104 | Scene guided colorization using neural networks. Neural Computing and Applications, 2018, , 1. | 5.6 | 11 |
| 105 | NTRU Implementation of Efficient Privacy-Preserving Location-Based Querying in VANET. Wireless Communications and Mobile Computing, 2018, 2018, 1-11. | 1.2 | 11 |
| 106 | A Bayesian Learning Method for Financial Time-Series Analysis. IEEE Access, 2018, 6, 38959-38966. | 4.2 | 11 |
| 107 | EKF/UKF-based channel estimation for robust and reliable communications in V2V and IIoT. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, . | 2.4 | 11 |
| 108 | Adaptive trapezoid region intercept histogram based Otsu method for brain MR image segmentation. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 2161-2176. | 4.9 | 11 |

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| 109 | Multiple attention encoded cascade R-CNN for scene text detection. Journal of Visual Communication and Image Representation, 2021, 80, 103261. | 2.8 | 11 |
| 110 | Energy-Efficient Adaptive Routing and Context-Aware Lifetime Maximization in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 321964. | 2.2 | 11 |
| 111 | Oblivious Transfer Based on NTRUEncrypt. IEEE Access, 2018, 6, 35283-35291. | 4.2 | 10 |
| 112 | Intelligent Service Recommendation for Cold-Start Problems in Edge Computing. IEEE Access, 2019, 7, 46637-46645. | 4.2 | 10 |
| 113 | Class consistent and joint group sparse representation model for image classification in Internet of Medical Things. Computer Communications, 2021, 166, 57-65. | 5.1 | 10 |
| 114 | Toward Fairness-Aware Time-Sensitive Asynchronous Federated Learning for Critical Energy Infrastructure. IEEE Transactions on Industrial Informatics, 2022, 18, 3462-3472. | 11.3 | 10 |
| 115 | Spatial-Temporal Aware Intelligent Service Recommendation Method Based on Distributed Tensor factorization for Big Data Applications. IEEE Access, 2018, 6, 59462-59474. | 4.2 | 9 |
| 116 | Leveraging Product Characteristics for Online Collusive Detection in Big Data Transactions. IEEE Access, 2019, 7, 40154-40164. | 4.2 | 9 |
| 117 | Improving random walker segmentation using a nonlocal bipartite graph. Biomedical Signal Processing and Control, 2022, 71, 103154. | 5.7 | 9 |
| 118 | A Green Stackelberg-game Incentive Mechanism for Multi-service Exchange in Mobile Crowdsensing. ACM Transactions on Internet Technology, 2022, 22, 1-29. | 4.4 | 9 |
| 119 | Coverage Hole Bypassing in Wireless Sensor Networks. Computer Journal, 2017, 60, 1536-1544. | 2.4 | 8 |
| 120 | Context-based probability neural network classifiers realized by genetic optimization for medical decision making. Multimedia Tools and Applications, 2018, 77, 21995-22006. | 3.9 | 8 |
| 121 | Exploiting the Persymmetric Property of Covariance Matrices for Knowledge-Aided Space-Time Adaptive Processing. IEEE Access, 2018, 6, 68001-68012. | 4.2 | 8 |
| 122 | Stateful human-centered visual captioning system to aid video surveillance. Computers and Electrical Engineering, 2019, 78, 108-119. | 4.8 | 8 |
| 123 | A post-quantum light weight 1-out-n oblivious transfer protocol. Computers and Electrical Engineering, 2019, 75, 90-100. | 4.8 | 8 |
| 124 | Geometry consistency aware confidence evaluation for feature matching. Image and Vision Computing, 2020, 103, 103984. | 4.5 | 8 |
| 125 | Extortion and Cooperation in Rating Protocol Design for Competitive Crowdsourcing. IEEE Transactions on Computational Social Systems, 2021, 8, 246-259. | 4.4 | 8 |
| 126 | Remote Sensing Image Augmentation Based on Text Description for Waterside Change Detection. Remote Sensing, 2021, 13, 1894. | 4.0 | 8 |

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|---|---------|-----|-----------|
| 127 | Spatial correlation based channel compression feedback algorithm for massive MIMO systems. , 2019, 94, 38-44. | | 7 |
| 128 | Multi-object tracking by mutual supervision of CNN and particle filter. Personal and Ubiquitous Computing, 2021, 25, 979-988. | 2.8 | 7 |
| 129 | Anti-jamming heart rate estimation using a spatial–temporal fusion network. Computer Vision and Image Understanding, 2022, 216, 103327. | 4.7 | 7 |
| 130 | CE-text: A context-Aware and embedded text detector in natural scene images. Pattern Recognition Letters, 2022, 159, 77-83. | 4.2 | 7 |
| 131 | A Cooperative Denoising Algorithm with Interactive Dynamic Adjustment Function for Security of Stacker in Industrial Internet of Things. Security and Communication Networks, 2019, 2019, 1-16. | 1.5 | 6 |
| 132 | Deep Reinforcement Learning for Load Balancing of Edge Servers in IoV. Mobile Networks and Applications, 2022, 27, 1461-1474. | 3.3 | 6 |
| 133 | Research on the Model for Crop Water Requirements in Wireless Sensor Networks. , 2012, , . | | 5 |
| 134 | Edge-Learning-Based Hierarchical Prefetching for Collaborative Information Streaming in Social IoT Systems. IEEE Transactions on Computational Social Systems, 2022, 9, 302-312. | 4.4 | 5 |
| 135 | Towards an Efficient Computational Framework for Guiding Surgical Resection through Intra-operative Endo-microscopic Pathology. Lecture Notes in Computer Science, 2015, , 421-429. | 1.3 | 5 |
| 136 | Fabric Defect Segmentation System Based on a Lightweight GAN for Industrial Internet of Things. Wireless Communications and Mobile Computing, 2022, 2022, 1-17. | 1.2 | 5 |
| 137 | Mining discriminative states of hands and objects to recognize egocentric actions with a wearable RGBD camera. , 2015, , . | | 4 |
| 138 | Contract-Theory-Based Secure Spectrum Sharing Framework in Internet of Vehicles. IEEE Consumer Electronics Magazine, 2023, 12, 94-102. | 2.3 | 4 |
| 139 | Artwork Style Recognition Using Vision Transformers and MLP Mixer. Technologies, 2022, 10, 2. | 5.1 | 4 |
| 140 | Performance analysis of single-tree and split-tree approach in wireless sensor networks. , 2009, , . | | 3 |
| 141 | A data-driven method to detect and localize the single-phase grounding fault in distribution network based on synchronized phasor measurement. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, . | 2.4 | 3 |
| 142 | Understanding Mobility via Deep Multi-Scale Learning. Procedia Computer Science, 2019, 147, 487-494. | 2.0 | 3 |
| 143 | Improving in-memory file system reading performance by fine-grained user-space cache mechanisms. Journal of Systems Architecture, 2021, 115, 101994. | 4.3 | 3 |
| 144 | A method for user-customized compensation of metamorphopsia through video see-through enabled head mounted display. Pattern Recognition Letters, 2021, 151, 252-258. | 4.2 | 3 |

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|---|---------|----|-----------|
| 145 | Multipath routing for continuous query using energy metrics in wireless sensor networks. , 2009, , . | | 2 |
| 146 | Image Annotation Using the SimpleDecisionTree. , 2011, , . | | 2 |
| 147 | A scalable metric learning-based voting method for expression recognition. , 2013, , . | | 2 |
| 148 | Indoor Scene Recognition from RGB-D Images by Learning Scene Bases. , 2014, , . | | 2 |
| 149 | Scene recognition by jointly modeling latent topics. , 2014, , . | | 2 |
| 150 | Robust object recognition in RGB-D egocentric videos based on Sparse Affine Hull Kernel. , 2015, , . | | 2 |
| 151 | A Gaussian Mixture Models based Multi-RRTs method for high-dimensional path planning. , 2018, , . | | 2 |
| 152 | Adaptively feature matching via joint transformational-spatial clustering. Multimedia Systems, 0, , 1. | 4.7 | 2 |
| 153 | Encoding Spectral-Spatial Features for Hyperspectral Image Classification in the Satellite Internet of Things System. Remote Sensing, 2021, 13, 3561. | 4.0 | 2 |
| 154 | Guest Editorial Emerging IoT-Driven Smart Health: From Cloud to Edge. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 937-938. | 6.3 | 2 |
| 155 | A New Prefetching Strategy Based on Access Density in Linux. , 2008, , . | | 1 |
| 156 | Determining an Efficient Family of Trees in Large Scale Wireless Sensor Networks. , 2015, , . | | 1 |
| 157 | Energy-Efficient and Adaptive Algorithms for Constructing Multipath Routing in Wireless Sensor Networks. Lecture Notes in Computer Science, 2014, , 383-394. | 1.3 | 1 |
| 158 | Blockchain-Powered Service Migration for Uncertainty-Aware Workflows in Edge Computing. Communications in Computer and Information Science, 2019, , 217-230. | 0.5 | 1 |
| 159 | Large Scale Global Optimization Algorithms for IoT Networks: A Comparative Study. , 2021, , . | | 1 |
| 160 | PolarText: Single-stage Scene Text Detection with Polar Representation. , 2021, , . | | 1 |
| 161 | Private Estimation of Symptom Distribution for Infectious Disease Analysis in Edge Computing. , 2021, , . | | 1 |
| 162 | An Image Enhancement Method for Few-shot Classification. , 2021, , . | | 1 |

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|---|---------|----|-----------| 
| 163 | Robust Optimization on Across-Chain Inventory Control of Cluster Supply Chains. , 2009, , . | | 0 |
| 164 | Analyzing Microarray Data with Classification and Clustering Methods. , 2015, , . | | 0 |
| 165 | Coverage Hole Bypassing in Wireless Sensor Networks. , 2016, , . | | 0 |
| 166 | Design of improved probability neural network classifiers for medical decision making with the aid of genetic optimization algorithm. , 2017, , . | | 0 |
| 167 | A Framework for Hybrid Location Prediction via Decision Tree Classification. , 2018, , . | | 0 |
| 168 | Quality of service in IoT protocol as designs and its verification in PVS. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3742. | 3.9 | 0 |
| 169 | Design and analysis of a fair, efficient and stable multi-server adaptive streaming protocol. Computers and Electrical Engineering, 2021, 95, 107371. | 4.8 | 0 |
| 170 | Privacy-Aware Service Migration for Edge Computing in Urban Cities. Lecture Notes in Computer Science, 2019, , 425-436. | 1.3 | 0 |
| 171 | Ubiquitous Big Data. , 2020, , 1423-1427. | | 0 |
| 172 | Ubiquitous Big Data. , 2020, , 1-5. | | 0 |
| 173 | Blockchain consensuses and incentives. , 2020, , 39-63. | | 0 |