

Wenfeng Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

1,097

citations

15

h-index

32

g-index

92

ext. papers

1,415

ext. citations

5

avg, IF

4.94

L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 66 | A multiobjective evolutionary algorithm for achieving energy efficiency in production environments integrated with multiple automated guided vehicles. <i>Knowledge-Based Systems</i> , 2022 , 108315 | 7.3 | 0 |
| 65 | Optimization of energy-efficient open shop scheduling with an adaptive multi-objective differential evolution algorithm. <i>Applied Soft Computing Journal</i> , 2022 , 118, 108459 | 7.5 | 0 |
| 64 | Multiobjective Scheduling for Cooperative Operation of Multiple Gantry Cranes in Railway Area of Container Terminal. <i>IEEE Access</i> , 2022 , 10, 46772-46781 | 3.5 | 1 |
| 63 | Research on children's classroom behavior based on pressure cushion. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 40, 7939-7949 | 1.6 | |
| 62 | Multiobjective Optimization of Energy-Efficient JOB-Shop Scheduling With Dynamic Reference Point-Based Fuzzy Relative Entropy. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 13 |
| 61 | A Real-Time Edge Scheduling and Adjustment Framework for Highly Customizable Factories. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5625-5634 | 11.9 | 5 |
| 60 | Optimising the job-shop scheduling problem using a multi-objective Jaya algorithm. <i>Applied Soft Computing Journal</i> , 2021 , 111, 107654 | 7.5 | 7 |
| 59 | An Information Theory Inspired Real-Time Self-Adaptive Scheduling for Production-Logistics Resources: Framework, Principle, and Implementation. <i>Sensors</i> , 2020 , 20, | 3.8 | 2 |
| 58 | Heterogeneous Particle Swarm Optimizer and its Application in Aircraft Manufacturing Logistics 2020 , | | 1 |
| 57 | Driving Operation Recognition Using Smart Cushion Based on Deep Neural Network. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 325-338 | 0.6 | |
| 56 | Smart Cushion-Based Activity Recognition: Prompting Users to Maintain a Healthy Seated Posture. <i>IEEE Systems, Man, and Cybernetics Magazine</i> , 2020 , 6, 6-14 | 1.6 | 4 |
| 55 | Real-Time Production and Logistics Self-Adaption Scheduling Based on Information Entropy Theory. <i>Sensors</i> , 2020 , 20, | 3.8 | 3 |
| 54 | Adaptive sliding window based activity recognition for assisted livings. <i>Information Fusion</i> , 2020 , 53, 55-65 | 6.7 | 32 |
| 53 | A discrete multi-objective fireworks algorithm for flowshop scheduling with sequence-dependent setup times. <i>Swarm and Evolutionary Computation</i> , 2019 , 51, 100575 | 9.8 | 32 |
| 52 | An Embedded Risk Prediction System for Wheelchair Safety Driving. <i>Internet of Things</i> , 2019 , 149-163 | 1.3 | 1 |
| 51 | Comprehensive Learning Particle Swarm Optimization Algorithm With Local Search for Multimodal Functions. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 718-731 | 15.6 | 169 |
| 50 | People-Centric Cognitive Internet of Things for the Quantitative Analysis of Environmental Exposure. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2353-2366 | 10.7 | 31 |

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| 49 | A User-Adaptive Algorithm for Activity Recognition Based on K-Means Clustering, Local Outlier Factor, and Multivariate Gaussian Distribution. <i>Sensors</i> , 2018 , 18, | 3.8 | 33 |
| 48 | Risk Driving Behaviors Detection Using Pressure Cushion. <i>Lecture Notes in Computer Science</i> , 2018 , 161-173 | | 1 |
| 47 | Optimizing multi-sensor deployment via ensemble pruning for wearable activity recognition. <i>Information Fusion</i> , 2018 , 41, 68-79 | 16.7 | 38 |
| 46 | Review of Swarm Intelligence Algorithms for Multi-objective Flowshop Scheduling. <i>Lecture Notes in Computer Science</i> , 2018 , 258-269 | 0.9 | 2 |
| 45 | Combinatorial inertial guidance system for an automated guided vehicle 2018 , | | 8 |
| 44 | Recognition of human fall events based on single tri-axial gyroscope 2018 , | | 8 |
| 43 | Collaborative framework of an intelligent agent system for efficient logistics transport planning. <i>Computers and Industrial Engineering</i> , 2017 , 112, 551-567 | 6.4 | 17 |
| 42 | A social-D2D architecture for People-centric Industrial Internet of Things 2017 , | | 2 |
| 41 | Feasibility study for the introduction of synchromodal freight transportation concept. <i>Cogent Engineering</i> , 2017 , 4, 1305649 | 1.5 | 9 |
| 40 | Cloud-based Activity-as-a-Service cyberphysical framework for human activity monitoring in mobility. <i>Future Generation Computer Systems</i> , 2017 , 75, 158-171 | 7.5 | 80 |
| 39 | A Neuro-Fuzzy Fatigue-Tracking and Classification System for Wheelchair Users. <i>IEEE Access</i> , 2017 , 5, 19420-19431 | 3.5 | 17 |
| 38 | Activity Recognition of Wheelchair Users Based on Sequence Feature in Time-series 2017 , | | 4 |
| 37 | Posture Detection Based on Smart Cushion for Wheelchair Users. <i>Sensors</i> , 2017 , 17, | 3.8 | 55 |
| 36 | Activity Level Assessment Using a Smart Cushion for People with a Sedentary Lifestyle. <i>Sensors</i> , 2017 , 17, | 3.8 | 22 |
| 35 | Evolution of Scale-Free Wireless Sensor Networks with Feature of Small-World Networks. <i>Complexity</i> , 2017 , 2017, 1-15 | 1.6 | 7 |
| 34 | Hybrid Comprehensive Learning Particle Swarm Optimizer with Adaptive Starting Local Search. <i>Lecture Notes in Computer Science</i> , 2017 , 148-157 | 0.9 | |
| 33 | Activity recognition and monitoring for smart wheelchair users 2016 , | | 15 |
| 32 | A Method Based on SNSO for Solving Slot Planning Problem of Container Vessel Bays. <i>Lecture Notes in Computer Science</i> , 2016 , 231-241 | 0.9 | |

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| 31 | A multi-network control framework based on industrial internet of things 2016 , | | 8 |
| 30 | Emerging Trends in Mobile Collaborative Systems. <i>Mobile Information Systems</i> , 2016 , 2016, 1-2 | 1.4 | |
| 29 | A Neuro-Fuzzy System for Classifying Fatigue Degree of Wheelchair User. <i>Lecture Notes in Computer Science</i> , 2016 , 22-33 | 0.9 | 1 |
| 28 | A framework for WSN-based opportunistic networks 2015 , | | 3 |
| 27 | An adaptive particle swarm optimization method based on clustering. <i>Soft Computing</i> , 2015 , 19, 431-448 | 3.5 | 86 |
| 26 | A framework for collaborative computing and multi-sensor data fusion in body sensor networks. <i>Information Fusion</i> , 2015 , 22, 50-70 | 16.7 | 241 |
| 25 | Analysis of Cascading Failure Based on Wireless Sensor Networks 2015 , | | 4 |
| 24 | Social Network-based Swarm Optimization algorithm 2015 , | | 6 |
| 23 | A two-stage cross-domain recommendation for cold start problem in cyber-physical systems 2015 , | | 1 |
| 22 | Cascading failures of wireless sensor networks 2014 , | | 3 |
| 21 | People-Centric Service for mHealth of Wheelchair Users in Smart Cities. <i>Internet of Things</i> , 2014 , 163-179 | 1.3 | 14 |
| 20 | Study on Fear Emotion Recognition Based on Traditional Chinese Medicine and Body Sensor Network 2013 , | | 2 |
| 19 | Connectivity Controlling of Multi-robot by Combining Artificial Potential Field with a Virtual Leader 2013 , | | 1 |
| 18 | A utility-oriented routing algorithm for community based opportunistic networks 2013 , | | 3 |
| 17 | Collaborative material and production tracking in toy manufacturing 2013 , | | 4 |
| 16 | Hybrid flow shop problem with blocking and multi-product families in a maritime terminal 2013 , | | 1 |
| 15 | Sitting Posture Recognition based on data fusion on pressure cushion. <i>TELKOMNIKA Indonesian Journal of Electrical Engineering</i> , 2013 , 11, | | 8 |
| 14 | Research on cloud logistics-based one-stop service platform for logistics center 2012 , | | 4 |

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| 13 | Multistage collaborative scheduling of berth and quay crane based on heuristic strategies and particle swarm optimization 2012 , | | 1 |
| 12 | An approach to agent-coalition-based Automatic Web Service Composition 2012 , | | 2 |
| 11 | The breakage and damage of plasmid DNA photocatalized by TiO ₂ /carbon nanotube composites. <i>Surface and Interface Analysis</i> , 2012 , 44, 84-88 | 1.5 | 2 |
| 10 | Swarm behavior control of mobile multi-robots with wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2011 , 34, 1398-1407 | 7.9 | 44 |
| 9 | Consensus algorithm for energy consumption of wireless sensor networks 2011 , | | 1 |
| 8 | Dual-swarm features and its challenges for system of sensor networks and mobile multi-robots 2009 , | | 1 |
| 7 | A simulation design of transshipment cooperation based on distributed inventory systems 2009 , | | 1 |
| 6 | Flocking algorithm for multi-robots formation control with a target steering agent. <i>Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics</i> , 2008 , | 2 | 1 |
| 5 | A Fuzzy Behaviours Fusion Algorithm for Mobile Robot Real-time Path Planning in Unknown Environment 2007 , | | 10 |
| 4 | A QoS-based Adaptive Clustering Algorithm for Wireless Sensor Networks 2006 , | | 11 |
| 3 | A Local-centralized Adaptive Clustering Algorithm for Wireless Sensor Networks. <i>Computer Communications and Networks (IC3N), Proceedings of the IEEE International Conference on</i> , 2006 , | | 1 |
| 2 | A Publish/Subscribe Architecture for Sensor Networks and Applications 2006 , | | 3 |
| 1 | Real-time scheduling simulation optimisation of job shop in a production-logistics collaborative environment. <i>International Journal of Production Research</i> ,1-21 | 7.8 | 4 |