

Yan Zhang

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.

178
papers

13,931
citations

60
h-index

116
g-index

186
ext. papers

18,594
ext. citations

7.3
avg, IF

7.67
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 178 | Towards Large-Scale and Privacy-Preserving Contact Tracing in COVID-19 Pandemic: A Blockchain Perspective.. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 9, 282-298 | 4.9 | 15 |
| 177 | Transient Stability Assessment Based on Gated Graph Neural Network with Imbalanced Data in Internet of Energy. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 0 |
| 176 | Cooperative Federated Learning and Model Update Verification in Blockchain Empowered Digital Twin Edge Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 4 |
| 175 | Transfer Learning for Distributed Intelligence in Aerial Edge Networks. <i>IEEE Wireless Communications</i> , 2021 , 28, 74-81 | 13.4 | 4 |
| 174 | CyberChain: Cybertwin Empowered Blockchain for Lightweight and Privacy-preserving Authentication in Internet of Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1 | 6.8 | 8 |
| 173 | Joint Power Control and Computation Offloading for Energy-efficient Mobile Edge Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1 | 9.6 | |
| 172 | Cloud-Edge-End Intelligence for Fault-tolerant Renewable Energy Accommodation in Smart Grid. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 1-1 | 3.3 | |
| 171 | Optimal Energy Trading with Demand Responses in Cloud Computing Enabled Virtual Power Plant in Smart Grids. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 1-1 | 3.3 | 2 |
| 170 | Adaptive Federated Learning for Digital Twin Driven Industrial Internet of Things 2021 , | | 3 |
| 169 | Federated Learning Empowered End-Edge-Cloud Cooperation for 5G HetNet Security. <i>IEEE Network</i> , 2021 , 35, 88-94 | 11.4 | 7 |
| 168 | Distributed Incentives and Digital Twin for Resource Allocation in air-assisted Internet of Vehicles 2021 , | | 4 |
| 167 | Guest Editorial Introduction of the Special Issue on Edge Intelligence for Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 2178-2182 | 6.1 | 2 |
| 166 | Guest Editorial Introduction to the Special Section on Blockchain for Vehicles and Intelligent Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3998-4000 | 6.8 | 1 |
| 165 | Blockchain Storage and Computation Offloading for Cooperative Mobile-Edge Computing. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9084-9098 | 10.7 | 11 |
| 164 | Blockchain and Federated Learning for Collaborative Intrusion Detection in Vehicular Edge Computing. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 6073-6084 | 6.8 | 26 |
| 163 | A Searchable and Verifiable Data Protection Scheme for Scholarly Big Data. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 9, 216-225 | 4.1 | 11 |
| 162 | A Hierarchical Blockchain-Enabled Federated Learning Algorithm for Knowledge Sharing in Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3975-3986 | 6.1 | 44 |

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| 161 | Consortium Blockchain for Secure Resource Sharing in Vehicular Edge Computing: A Contract-Based Approach. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1189-1201 | 4.9 | 16 |
| 160 | Distributed Demand Response for Multienergy Residential Communities With Incomplete Information. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 547-557 | 11.9 | 11 |
| 159 | Communication-Efficient Federated Learning for Digital Twin Edge Networks in Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5709-5718 | 11.9 | 48 |
| 158 | Vehicular Edge Computing and Networking: A Survey. <i>Mobile Networks and Applications</i> , 2021 , 26, 1145-1168 | 11.9 | 97 |
| 157 | Placement and Routing Optimization for Automated Inspection With Unmanned Aerial Vehicles: A Study in Offshore Wind Farm. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 3032-3043 | 11.9 | 11 |
| 156 | Distributed Deep Reinforcement Learning for Intelligent Load Scheduling in Residential Smart Grids. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2752-2763 | 11.9 | 21 |
| 155 | Electric Signature Detection and Analysis for Power Equipment Failure Monitoring in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 3739-3750 | 11.9 | 9 |
| 154 | Low-Latency Federated Learning and Blockchain for Edge Association in Digital Twin Empowered 6G Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5098-5107 | 11.9 | 65 |
| 153 | Deep Reinforcement Learning for Stochastic Computation Offloading in Digital Twin Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4968-4977 | 11.9 | 46 |
| 152 | Communication-Efficient Federated Learning and Permissioned Blockchain for Digital Twin Edge Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 2276-2288 | 10.7 | 47 |
| 151 | Adaptive Digital Twin and Multiagent Deep Reinforcement Learning for Vehicular Edge Computing and Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 33 |
| 150 | Detecting false data injection attacks in peer to peer energy trading using machine learning. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1 | 3.9 | 1 |
| 149 | Distributed Collaborative Anomaly Detection for Trusted Digital Twin Vehicular Edge Networks. <i>Lecture Notes in Computer Science</i> , 2021 , 378-389 | 0.9 | 0 |
| 148 | Adaptive Edge Association for Wireless Digital Twin Networks in 6G. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 12 |
| 147 | Digital Twin Empowered Content Caching in Social-Aware Vehicular Edge Networks. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-13 | 4.5 | 9 |
| 146 | Blockchain and 6G: The Future of Secure and Ubiquitous Communication. <i>IEEE Wireless Communications</i> , 2021 , 1-8 | 13.4 | 10 |
| 145 | . <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 13 |
| 144 | A Joint Energy and Latency Framework for Transfer Learning Over 5G Industrial Edge Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 5 |

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| 143 | Blockchain and Federated Learning for 5G Beyond. <i>IEEE Network</i> , 2021 , 35, 219-225 | 11.4 | 11 |
| 142 | Mitigating Conflicting Transactions in Hyperledger Fabric-Permissioned Blockchain for Delay-Sensitive IoT Applications. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10596-10607 | 10.7 | 6 |
| 141 | Adaptive Federated Learning and Digital Twin for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5605-5614 | 11.9 | 39 |
| 140 | Multi-Agent Deep Reinforcement Learning for Computation Offloading and Interference Coordination in Small Cell Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 9282-9293 | 6.8 | 25 |
| 139 | Digital Twin Networks: A Survey. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13789-13804 | 10.7 | 52 |
| 138 | Dynamic Digital Twin and Federated Learning with Incentives for Air-Ground Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1 | 4.9 | 18 |
| 137 | Cross-Cluster Federated Learning and Blockchain for Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 11 |
| 136 | Detecting Mixing Services via Mining Bitcoin Transaction Network With Hybrid Motifs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13 | 7.3 | 25 |
| 135 | Demand-Response Games for Peer-to-Peer Energy Trading With the Hyperledger Blockchain. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13 | 7.3 | 8 |
| 134 | Deep Reinforcement Learning for Internet of Things: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2021 , 23, 1659-1692 | 37.1 | 25 |
| 133 | Reconfigurable Intelligent Surface for Low-Latency Edge Computing in 6G. <i>IEEE Wireless Communications</i> , 2021 , 28, 72-79 | 13.4 | 4 |
| 132 | Task-Container Matching Game for Computation Offloading in Vehicular Edge Computing and Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-14 | 6.1 | 23 |
| 131 | Deep Reinforcement Learning for Resource Protection and Real-Time Detection in IoT Environment. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6392-6401 | 10.7 | 90 |
| 130 | Deep Reinforcement Learning and Permissioned Blockchain for Content Caching in Vehicular Edge Computing and Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4312-4324 | 6.8 | 87 |
| 129 | Blockchain Empowered Asynchronous Federated Learning for Secure Data Sharing in Internet of Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4298-4311 | 6.8 | 160 |
| 128 | An Attribute-Based Collaborative Access Control Scheme Using Blockchain for IoT Devices. <i>Electronics (Switzerland)</i> , 2020 , 9, 285 | 2.6 | 23 |
| 127 | Age of Information Aware Radio Resource Management in Vehicular Networks: A Proactive Deep Reinforcement Learning Perspective. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 2268-2281 | 9.6 | 58 |
| 126 | Blockchain Empowered Cooperative Authentication With Data Traceability in Vehicular Edge Computing. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4221-4232 | 6.8 | 36 |

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| 125 | Effects of false data injection attacks on a local P2P energy trading market with prosumers 2020 , | | 2 |
| 124 | Incentivizing Resource Cooperation for Blockchain Empowered Wireless Power Transfer in UAV Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 15828-15841 | 6.8 | 8 |
| 123 | Joint Computation Offloading and Demand Response Management in Mobile Edge Network With Renewable Energy Sources. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 15720-15730 | 6.8 | 8 |
| 122 | Joint Transaction Relaying and Block Verification Optimization for Blockchain Empowered D2D Communication. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 828-841 | 6.8 | 24 |
| 121 | Physical-Layer Security in Space Information Networks: A Survey. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 33-52 | 10.7 | 65 |
| 120 | Energy Efficiency and Delay Tradeoff for Wireless Powered Mobile-Edge Computing Systems With Multi-Access Schemes. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1855-1867 | 9.6 | 49 |
| 119 | Deep Reinforcement Learning for Cooperative Content Caching in Vehicular Edge Computing and Networks. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 247-257 | 10.7 | 105 |
| 118 | Online Control and Near-Optimal Algorithm for Distributed Energy Storage Sharing in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 2552-2562 | 10.7 | 32 |
| 117 | Reinforcement-Learning- and Belief-Learning-Based Double Auction Mechanism for Edge Computing Resource Allocation. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 5976-5985 | 10.7 | 19 |
| 116 | Deep Reinforcement Learning for Social-Aware Edge Computing and Caching in Urban Informatics. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 5467-5477 | 11.9 | 24 |
| 115 | Edge Intelligence for Energy-Efficient Computation Offloading and Resource Allocation in 5G Beyond. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 12175-12186 | 6.8 | 47 |
| 114 | Intelligent Charging Management of Electric Vehicles Considering Dynamic User Behavior and Renewable Energy: A Stochastic Game Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-12 | 6.1 | 6 |
| 113 | Cooperative Offloading and Resource Management for UAV-Enabled Mobile Edge Computing in Power IoT System. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 12229-12239 | 6.8 | 34 |
| 112 | Reducing Offloading Latency for Digital Twin Edge Networks in 6G. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 12240-12251 | 6.8 | 52 |
| 111 | Content-Centric Group User Authentication for Secure Social Networks. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 8, 833-844 | 4.1 | 7 |
| 110 | Differential Privacy Preserving of Training Model in Wireless Big Data with Edge Computing. <i>IEEE Transactions on Big Data</i> , 2020 , 6, 283-295 | 3.2 | 48 |
| 109 | Blockchain and Federated Learning for Privacy-Preserved Data Sharing in Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4177-4186 | 11.9 | 282 |
| 108 | Differentially Private Asynchronous Federated Learning for Mobile Edge Computing in Urban Informatics. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2134-2143 | 11.9 | 111 |

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| 107 | Energy Peer-to-Peer Trading in Virtual Microgrids in Smart Grids: A Game-Theoretic Approach. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1264-1275 | 10.7 | 87 |
| 106 | Deep Reinforcement Learning for Edge Caching and Content Delivery in Internet of Vehicles 2019 , | | 8 |
| 105 | Blockchain Empowered Wireless Power Transfer for Green and Secure Internet of Things. <i>IEEE Network</i> , 2019 , 33, 164-171 | 11.4 | 28 |
| 104 | Computation Resource Allocation and Task Assignment Optimization in Vehicular Fog Computing: A Contract-Matching Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 3113-3125 | 6.8 | 158 |
| 103 | Blockchain and Computational Intelligence Inspired Incentive-Compatible Demand Response in Internet of Electric Vehicles. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2019 , 3, 205-216 | 4.1 | 62 |
| 102 | Blockchain and Deep Reinforcement Learning Empowered Intelligent 5G Beyond. <i>IEEE Network</i> , 2019 , 33, 10-17 | 11.4 | 176 |
| 101 | Blockchain for Internet of Things: A Survey. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8076-8094 | 10.7 | 396 |
| 100 | Deep and Embedded Learning Approach for Traffic Flow Prediction in Urban Informatics. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 3927-3939 | 6.1 | 50 |
| 99 | Permissioned Blockchain and Edge Computing Empowered Privacy-Preserving Smart Grid Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7992-8004 | 10.7 | 163 |
| 98 | Deep Learning Empowered Task Offloading for Mobile Edge Computing in Urban Informatics. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7635-7647 | 10.7 | 144 |
| 97 | Intelligent Edge Computing for IoT-Based Energy Management in Smart Cities. <i>IEEE Network</i> , 2019 , 33, 111-117 | 11.4 | 213 |
| 96 | Mobile Edge Computing for Vehicular Networks [From the Guest Editors]. <i>IEEE Vehicular Technology Magazine</i> , 2019 , 14, 27-108 | 9.9 | 4 |
| 95 | Deep Reinforcement Learning for Offloading and Resource Allocation in Vehicle Edge Computing and Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 11158-11168 | 6.8 | 161 |
| 94 | Cooperative and Distributed Computation Offloading for Blockchain-Empowered Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8433-8446 | 10.7 | 75 |
| 93 | Artificial Intelligence Empowered Edge Computing and Caching for Internet of Vehicles. <i>IEEE Wireless Communications</i> , 2019 , 26, 12-18 | 13.4 | 127 |
| 92 | Computation Offloading and Resource Allocation For Cloud Assisted Mobile Edge Computing in Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 7944-7956 | 6.8 | 267 |
| 91 | . <i>IEEE Computational Intelligence Magazine</i> , 2019 , 14, 42-51 | 5.6 | 9 |
| 90 | Edge Intelligence and Blockchain Empowered 5G Beyond for the Industrial Internet of Things. <i>IEEE Network</i> , 2019 , 33, 12-19 | 11.4 | 145 |

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| 89 | A Two-Step Environment-Learning-Based Method for Optimal UAV Deployment. <i>IEEE Access</i> , 2019 , 7, 149328-149340 | 3.5 | 6 |
| 88 | Blockchain Enabled Cooperative Authentication with Data Traceability in Vehicular Edge Computing 2019 , | | 5 |
| 87 | Deep Reinforcement Learning for Edge Computing and Resource Allocation in 5G Beyond 2019 , | | 4 |
| 86 | Proof-of-Reputation Based-Consortium Blockchain for Trust Resource Sharing in Internet of Vehicles. <i>IEEE Access</i> , 2019 , 7, 175744-175757 | 3.5 | 30 |
| 85 | Cooperative Connected Autonomous Vehicles (CAV): Research, Applications and Challenges 2019 , | | 8 |
| 84 | Energy Trading with Demand Response in a Community-based P2P Energy Market 2019 , | | 14 |
| 83 | Permissioned Blockchain and Deep Reinforcement Learning for Content Caching in Vehicular Edge Computing and Networks 2019 , | | 4 |
| 82 | Local Cyber-Physical Attack for Masking Line Outage and Topology Attack in Smart Grid. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 4577-4588 | 10.7 | 43 |
| 81 | UAV Communications for 5G and Beyond: Recent Advances and Future Trends. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 2241-2263 | 10.7 | 483 |
| 80 | . <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 591-602 | 6.6 | 6 |
| 79 | . <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 1314-1345 | 37.1 | 83 |
| 78 | Online Learning and Optimization for Computation Offloading in D2D Edge Computing and Networks. <i>Mobile Networks and Applications</i> , 2019 , 1 | 2.9 | 15 |
| 77 | Blockchain for Secure and Efficient Data Sharing in Vehicular Edge Computing and Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4660-4670 | 10.7 | 316 |
| 76 | Joint Load Balancing and Offloading in Vehicular Edge Computing and Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4377-4387 | 10.7 | 155 |
| 75 | Distributed Uplink Offloading for IoT in 5G Heterogeneous Networks Under Private Information Constraints. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 6151-6164 | 10.7 | 5 |
| 74 | Artificial Intelligence Inspired Transmission Scheduling in Cognitive Vehicular Communications and Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1987-1997 | 10.7 | 81 |
| 73 | Robust Big Data Analytics for Electricity Price Forecasting in the Smart Grid. <i>IEEE Transactions on Big Data</i> , 2019 , 5, 34-45 | 3.2 | 87 |
| 72 | Contract-theoretic Approach for Delay Constrained Offloading in Vehicular Edge Computing Networks. <i>Mobile Networks and Applications</i> , 2019 , 24, 1003-1014 | 2.9 | 15 |

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|----|--|------|------|
| 71 | A Differential Privacy-Based Query Model for Sustainable Fog Data Centers. <i>IEEE Transactions on Sustainable Computing</i> , 2019 , 4, 145-155 | 3.5 | 27 |
| 70 | Software Defined Networking for Energy Harvesting Internet of Things. <i>IEEE Internet of Things Journal</i> , 2018 , 1-1 | 10.7 | 44 |
| 69 | Green Energy Scheduling for Demand Side Management in the Smart Grid. <i>IEEE Transactions on Green Communications and Networking</i> , 2018 , 2, 596-611 | 4 | 69 |
| 68 | Dependable Content Distribution in D2D-Based Cooperative Vehicular Networks: A Big Data-Integrated Coalition Game Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 953-964 | 6.1 | 109 |
| 67 | . <i>IEEE Vehicular Technology Magazine</i> , 2018 , 13, 102-109 | 9.9 | 21 |
| 66 | Energy-Efficient Admission of Delay-Sensitive Tasks for Mobile Edge Computing. <i>IEEE Transactions on Communications</i> , 2018 , 66, 2603-2616 | 6.9 | 99 |
| 65 | QoE-Aware Power Management in Vehicle-to-Grid Networks: A Matching-Theoretic Approach. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 2468-2477 | 10.7 | 33 |
| 64 | On Stability and Robustness of Demand Response in V2G Mobile Energy Networks. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 3203-3212 | 10.7 | 24 |
| 63 | Secure Transmission for Heterogeneous Cellular Networks With Wireless Information and Power Transfer. <i>IEEE Systems Journal</i> , 2018 , 12, 3755-3766 | 4.3 | 43 |
| 62 | Multitier Fog Computing With Large-Scale IoT Data Analytics for Smart Cities. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 677-686 | 10.7 | 122 |
| 61 | Social Big-Data-Based Content Dissemination in Internet of Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 768-777 | 11.9 | 144 |
| 60 | . <i>IEEE Internet of Things Journal</i> , 2018 , 5, 450-465 | 10.7 | 1009 |
| 59 | Blockchain-Enabled Security in Electric Vehicles Cloud and Edge Computing. <i>IEEE Network</i> , 2018 , 32, 78-83 | 11.4 | 226 |
| 58 | . <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 2627-2637 | 6.1 | 124 |
| 57 | Joint Computation Offloading and User Association in Multi-Task Mobile Edge Computing. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 12313-12325 | 6.8 | 147 |
| 56 | Computational Intelligence Inspired Data Delivery for Vehicle-to-Roadside Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 12038-12048 | 6.8 | 34 |
| 55 | ADMM-Based Distributed Auction Mechanism for Energy Hub Scheduling in Smart Buildings. <i>IEEE Access</i> , 2018 , 6, 45635-45645 | 3.5 | 27 |
| 54 | Optimal Charging Schemes for Electric Vehicles in Smart Grid: A Contract Theoretic Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 3046-3058 | 6.1 | 33 |

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| 53 | Jamming and Eavesdropping Defense in Green CyberPhysical Transportation Systems Using a Stackelberg Game. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 4232-4242 | 11.9 | 39 |
| 52 | Mobile Edge Computing and Networking for Green and Low-Latency Internet of Things 2018 , 56, 39-45 | | 137 |
| 51 | Cooperative Content Caching in 5G Networks with Mobile Edge Computing. <i>IEEE Wireless Communications</i> , 2018 , 25, 80-87 | 13.4 | 138 |
| 50 | A new lightweight RFID grouping authentication protocol for multiple tags in mobile environment. <i>Multimedia Tools and Applications</i> , 2017 , 76, 22761-22783 | 2.5 | 16 |
| 49 | Mobile-Edge Computing for Vehicular Networks: A Promising Network Paradigm with Predictive Off-Loading. <i>IEEE Vehicular Technology Magazine</i> , 2017 , 12, 36-44 | 9.9 | 403 |
| 48 | Wireless Big Data Computing in Smart Grid. <i>IEEE Wireless Communications</i> , 2017 , 24, 58-64 | 13.4 | 108 |
| 47 | Secure Authentication in Cloud Big Data with Hierarchical Attribute Authorization Structure. <i>IEEE Transactions on Big Data</i> , 2017 , 1-1 | 3.2 | 22 |
| 46 | Enabling Localized Peer-to-Peer Electricity Trading Among Plug-in Hybrid Electric Vehicles Using Consortium Blockchains. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 3154-3164 | 11.9 | 593 |
| 45 | A Survey on Mobile Edge Networks: Convergence of Computing, Caching and Communications. <i>IEEE Access</i> , 2017 , 5, 6757-6779 | 3.5 | 541 |
| 44 | Exploiting Interference for Capacity Improvement in Software-Defined Vehicular Networks. <i>IEEE Access</i> , 2017 , 5, 10662-10673 | 3.5 | 3 |
| 43 | Exploring Mobile Edge Computing for 5G-Enabled Software Defined Vehicular Networks. <i>IEEE Wireless Communications</i> , 2017 , 24, 55-63 | 13.4 | 97 |
| 42 | Consortium Blockchain for Secure Energy Trading in Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 1-1 | 11.9 | 173 |
| 41 | . <i>IEEE Access</i> , 2017 , 5, 25408-25420 | 3.5 | 129 |
| 40 | Command Disaggregation Attack and Mitigation in Industrial Internet of Things. <i>Sensors</i> , 2017 , 17, | 3.8 | 10 |
| 39 | Energy big data: A survey. <i>IEEE Access</i> , 2016 , 4, 3844-3861 | 3.5 | 183 |
| 38 | Green and reliable software-defined industrial networks 2016 , 54, 30-37 | | 25 |
| 37 | Delay constrained offloading for Mobile Edge Computing in cloud-enabled vehicular networks 2016 , , | | 67 |
| 36 | Software Defined Networking With Pseudonym Systems for Secure Vehicular Clouds. <i>IEEE Access</i> , 2016 , 4, 3522-3534 | 3.5 | 32 |

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| 35 | . <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 189-199 | 10.7 | 156 |
| 34 | Fair Energy Scheduling for Vehicle-to-Grid Networks Using Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1697-707 | 10.3 | 75 |
| 33 | Mobile big data fault-tolerant processing for ehealth networks. <i>IEEE Network</i> , 2016 , 30, 36-42 | 11.4 | 103 |
| 32 | Software Defined Networking for Flexible and Green Energy Internet 2016 , 54, 68-75 | | 44 |
| 31 | . <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 7844-7856 | 6.8 | 86 |
| 30 | Incentive-Driven Energy Trading in the Smart Grid. <i>IEEE Access</i> , 2016 , 4, 1243-1257 | 3.5 | 55 |
| 29 | Energy Efficient Beamforming in MISO Heterogeneous Cellular Networks With Wireless Information and Power Transfer. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 954-968 | 14.2 | 51 |
| 28 | Energy-Efficient Offloading for Mobile Edge Computing in 5G Heterogeneous Networks. <i>IEEE Access</i> , 2016 , 4, 5896-5907 | 3.5 | 491 |
| 27 | Performance Analysis of Connectivity Probability and Connectivity-Aware MAC Protocol Design for Platoon-Based VANETs. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 5596-5609 | 6.8 | 111 |
| 26 | HERO: Hierarchical Energy Optimization for Data Center Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 406-415 | 15.3 | 26 |
| 25 | . <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 722-731 | 10.7 | 247 |
| 24 | An Efficient MAC Protocol With Selective Grouping and Cooperative Sensing in Cognitive Radio Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 3928-3941 | 6.8 | 74 |
| 23 | Enabling low bit-rate and reliable video surveillance over practical wireless sensor network. <i>Journal of Supercomputing</i> , 2013 , 65, 287-300 | 2.5 | 25 |
| 22 | Adaptive GTS allocation in IEEE 802.15.4 for real-time wireless sensor networks. <i>Journal of Systems Architecture</i> , 2013 , 59, 1231-1242 | 5.5 | 43 |
| 21 | Location-aware private service discovery in pervasive computing environment. <i>Information Sciences</i> , 2013 , 230, 78-93 | 7.7 | 8 |
| 20 | . <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 120-132 | 10.7 | 507 |
| 19 | Energy-Efficient Spectrum Discovery for Cognitive Radio Green Networks. <i>Mobile Networks and Applications</i> , 2012 , 17, 64-74 | 2.9 | 14 |
| 18 | . <i>IEEE Network</i> , 2012 , 26, 6-13 | 11.4 | 294 |

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| 17 | Trust-aware query routing in P2P social networks. <i>International Journal of Communication Systems</i> , 2012 , 25, 1260-1280 | 1.7 | 14 |
| 16 | 2011 , 49, 44-52 | | 300 |
| 15 | Joint Optimization of Power, Packet Forwarding and Reliability in MIMO Wireless Sensor Networks. <i>Mobile Networks and Applications</i> , 2011 , 16, 760-770 | 2.9 | 7 |
| 14 | Energy-Efficient and Reliability-Driven Cooperative Communications in Cognitive Body Area Networks. <i>Mobile Networks and Applications</i> , 2011 , 16, 733-744 | 2.9 | 5 |
| 13 | Symbol Error Rate Analysis and Power Allocation for Adaptive Relay Selection Schemes. <i>Wireless Personal Communications</i> , 2011 , 56, 457-467 | 1.9 | 4 |
| 12 | NetTopo: A framework of simulation and visualization for wireless sensor networks. <i>Ad Hoc Networks</i> , 2011 , 9, 799-820 | 4.8 | 43 |
| 11 | Cross-Layer Optimized Call Admission Control in Cognitive Radio Networks. <i>Mobile Networks and Applications</i> , 2010 , 15, 610-626 | 2.9 | 20 |
| 10 | Context-aware cross-layer optimized video streaming in wireless multimedia sensor networks. <i>Journal of Supercomputing</i> , 2010 , 54, 94-121 | 2.5 | 44 |
| 9 | TPGF: geographic routing in wireless multimedia sensor networks. <i>Telecommunication Systems</i> , 2010 , 44, 79-95 | 2.3 | 116 |
| 8 | Call Admission Control Algorithms in OFDM-based Wireless Multiservice Networks. <i>Wireless Personal Communications</i> , 2009 , 50, 99-114 | 1.9 | |
| 7 | QoS Differentiation for IEEE 802.16 WiMAX Mesh Networking. <i>Mobile Networks and Applications</i> , 2008 , 13, 19-37 | 2.9 | 11 |
| 6 | Transmitting and Gathering Streaming Data in Wireless Multimedia Sensor Networks Within Expected Network Lifetime. <i>Mobile Networks and Applications</i> , 2008 , 13, 306 | 2.9 | 16 |
| 5 | An approximation and its applications in wireless networks performance analysis. <i>Wireless Communications and Mobile Computing</i> , 2008 , 8, 113-124 | 1.9 | |
| 4 | Authentication traffics modeling and analysis in next generation wireless networks. <i>Wireless Communications and Mobile Computing</i> , 2008 , 8, 615-625 | 1.9 | 2 |
| 3 | Adaptive location update area design for wireless cellular networks under 2D Markov walk model. <i>Computer Communications</i> , 2007 , 30, 2060-2069 | 5.1 | 10 |
| 2 | A dynamic channel assignment scheme for voice/data integration in GPRS networks. <i>Computer Communications</i> , 2006 , 29, 1163-1173 | 5.1 | 13 |
| 1 | Selective Federated Learning for Mobile Edge Intelligence | | 0 |