# Ran Wang

List of Publications by Year
in descending order

| | | 1040056 | 888059 |
|---|---|---|---|
| 30 papers | 488 citations | 9 h-index | 17 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 608 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | A robust optimization approach for energy generation scheduling in microgrids. Energy Conversion and Management, 2015, 106, 597-607. | 9.2 | 121 |
| 2 | Joint Cache Placement, Flight Trajectory, and Transmission Power Optimization for Multi-UAV Assisted Wireless Networks. IEEE Transactions on Wireless Communications, 2020, 19, 5389-5403. | 9.2 | 66 |
| 3 | Hybrid Centralized-Decentralized (HCD) Charging Control of Electric Vehicles. IEEE Transactions on Vehicular Technology, 2017, 66, 6728-6741. | 6.3 | 51 |
| 4 | Joint Trajectory Design and Resource Allocation for Secure Transmission in Cache-Enabled UAV-Relaying Networks With D2D Communications. IEEE Internet of Things Journal, 2021, 8, 1557-1571. | 8.7 | 48 |
| 5 | Probabilistic Cache Placement in UAV-Assisted Networks With D2D Connections: Performance Analysis and Trajectory Optimization. IEEE Transactions on Communications, 2020, 68, 6331-6345. | 7.8 | 35 |
| 6 | Visible Light Positioning Using A Single LED Luminaire. IEEE Photonics Journal, 2019, 11, 1-13. | 2.0 | 30 |
| 7 | A Queueing Game Based Management Framework for Fog Computing With Strategic Computing Speed Control. IEEE Transactions on Mobile Computing, 2022, 21, 1537-1551. | 5.8 | 21 |
| 8 | An Optimal Task Placement Strategy in Geo-Distributed Data Centers Involving Renewable Energy. IEEE Access, 2018, 6, 61948-61958. | 4.2 | 13 |
| 9 | Electric Vehicle Charging Reservation Under Preemptive Service. , 2019, , . | | 10 |
| 10 | Joint Cache and Trajectory Optimization for Secure UAV-relaying with Underlaid D2D Communications. , 2020, , . | | 10 |
| 11 | Active Learning-Based Fault Diagnosis in Self-Organizing Cellular Networks. IEEE Communications Letters, 2020, 24, 1734-1737. | 4.1 | 10 |
| 12 | Contextual Multi-Armed Bandit for Cache-Aware Decoupled Multiple Association in UDNs: A Deep Learning Approach. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1046-1059. | 7.9 | 9 |
| 13 | Multi-objective Mobile Charging Scheduling on the Internet of Electric Vehicles: a DRL Approach. , 2021, , . | | 9 |
| 14 | Cross-spectral palmprint recognition with low-rank canonical correlation analysis. Multimedia Tools and Applications, 2020, 79, 33771-33792. | 3.9 | 8 |
| 15 | Applying DTN routing for reservation-driven EV Charging management in smart cities. , 2017, , . | | 7 |
| 16 | Visible Light Based Occupancy Inference Using Ensemble Learning. IEEE Access, 2018, 6, 16377-16385. | 4.2 | 7 |
| 17 | A Demand Response Scheme in Smart Grid with Clustering of Residential Customers. , 2019, , . | | 6 |
| 18 | On the Profit Maximization of Spectrum Investment under Uncertainties in Cognitive Radio Networks. , 2018, , . | | 3 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | A Robust Transmission Scheduling Approach for Internet of Things (IoT) Sensing Service with Energy Harvesting. Sensors, 2019, 19, 3090. | 3.8 | 3 |
| 20 | Dynamic Selection of Mining Pool with Different Reward Sharing Strategy in Blockchain Networks. , 2020, , . | | 3 |
| 21 | GACDN: generative adversarial feature completion and diagnosis network for COVID-19. BMC Medical Imaging, 2021, 21, 154. | 2.7 | 3 |
| 22 | Computation Offloading Game for Edge Computing with Strategic Local Pre-Processing Time-Length. , 2020, , . | | 3 |
| 23 | Stacked Topological Preserving Dynamic Brain Networks Representation and Classification. IEEE Transactions on Medical Imaging, 2022, 41, 3473-3484. | 8.9 | 3 |
| 24 | Energy Generation Scheduling in Microgrids Involving Temporal-Correlated Renewable Energy. , 2017, , . | | 2 |
| 25 | A Data Forwarding Approach for Opportunistic Mobile Sensor Networks in Fire-Rescue Scenario. , 2018, , . | | 2 |
| 26 | Computation Resource Configuration With Adaptive QoS Requirements for Vehicular Edge Computing: A Fluid-Model Based Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21148-21162. | 8.0 | 2 |
| 27 | Energy Efficient Caching in Backhaul-Aware Ultra-Dense Cellular Networks. , 2018, , . | | 1 |
| 28 | An Extendable Layered Architecture for Collective Computing to Support Concurrent Multi-sourced Heterogeneous Tasks. Mobile Networks and Applications, 2021, 26, 884-898. | 3.3 | 1 |
| 29 | Reinforcement Learning for Trajectory Design in Cache-enabled UAV-assisted Cellular Networks. , 2022, , . | | 1 |
| 30 | Matrix function optimization under weighted boundary constraints and its applications in network control. ISA Transactions, 2018, 80, 232-243. | 5.7 | 0 |