

# Ran Wang

## List of Publications by Year in descending order

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30  
papers

488  
citations

1040056

9  
h-index

888059

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g-index

30  
all docs

30  
docs citations

30  
times ranked

608  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Reinforcement Learning for Trajectory Design in Cache-enabled UAV-assisted Cellular Networks. , 2022, , .		1
3	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
4	Stacked Topological Preserving Dynamic Brain Networks Representation and Classification. IEEE Transactions on Medical Imaging, 2022, 41, 3473-3484.	8.9	3
5	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
6	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
7	GACDN: generative adversarial feature completion and diagnosis network for COVID-19. BMC Medical Imaging, 2021, 21, 154.	2.7	3
8	Multi-objective Mobile Charging Scheduling on the Internet of Electric Vehicles: a DRL Approach. , 2021, , .		9
9	Cross-spectral palmprint recognition with low-rank canonical correlation analysis. Multimedia Tools and Applications, 2020, 79, 33771-33792.	3.9	8
10	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
11	Joint Cache and Trajectory Optimization for Secure UAV-relaying with Underlaid D2D Communications. , 2020, , .		10
12	Dynamic Selection of Mining Pool with Different Reward Sharing Strategy in Blockchain Networks. , 2020, , .		3
13	Active Learning-Based Fault Diagnosis in Self-Organizing Cellular Networks. IEEE Communications Letters, 2020, 24, 1734-1737.	4.1	10
14	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
15	Computation Offloading Game for Edge Computing with Strategic Local Pre-Processing Time-Length. , 2020, , .		3
16	Visible Light Positioning Using A Single LED Luminaire. IEEE Photonics Journal, 2019, 11, 1-13.	2.0	30
17	A Robust Transmission Scheduling Approach for Internet of Things (IoT) Sensing Service with Energy Harvesting. Sensors, 2019, 19, 3090.	3.8	3
18	Electric Vehicle Charging Reservation Under Preemptive Service. , 2019, , .		10

#	ARTICLE	IF	CITATIONS
19	A Demand Response Scheme in Smart Grid with Clustering of Residential Customers. , 2019, , .		6
20	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
21	Energy Efficient Caching in Backhaul-Aware Ultra-Dense Cellular Networks. , 2018, , .		1
22	An Optimal Task Placement Strategy in Geo-Distributed Data Centers Involving Renewable Energy. IEEE Access, 2018, 6, 61948-61958.	4.2	13
23	A Data Forwarding Approach for Opportunistic Mobile Sensor Networks in Fire-Rescue Scenario. , 2018, , .		2
24	On the Profit Maximization of Spectrum Investment under Uncertainties in Cognitive Radio Networks. , 2018, , .		3
25	Matrix function optimization under weighted boundary constraints and its applications in network control. ISA Transactions, 2018, 80, 232-243.	5.7	0
26	Visible Light Based Occupancy Inference Using Ensemble Learning. IEEE Access, 2018, 6, 16377-16385.	4.2	7
27	Hybrid Centralized-Decentralized (HCD) Charging Control of Electric Vehicles. IEEE Transactions on Vehicular Technology, 2017, 66, 6728-6741.	6.3	51
28	Applying DTN routing for reservation-driven EV Charging management in smart cities. , 2017, , .		7
29	Energy Generation Scheduling in Microgrids Involving Temporal-Correlated Renewable Energy. , 2017, , .		2
30	A robust optimization approach for energy generation scheduling in microgrids. Energy Conversion and Management, 2015, 106, 597-607.	9.2	121