

Ying Wang

List of Publications by Year in descending order

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56
papers

1,482
citations

394421

19
h-index

345221

36
g-index

57
all docs

57
docs citations

57
times ranked

1618
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel design for content delivery over software defined mobile social networks. IEEE Network, 2015, 29, 62-67.	6.9	107
2	A Data-Driven Architecture for Personalized QoE Management in 5G Wireless Networks. IEEE Wireless Communications, 2017, 24, 102-110.	9.0	94
3	Transceiver Design to Maximize the Weighted Sum Secrecy Rate in Full-Duplex SWIPT Systems. IEEE Signal Processing Letters, 2016, 23, 883-887.	3.6	90
4	Economically Optimal MS Association for Multimedia Content Delivery in Cache-Enabled Heterogeneous Cloud Radio Access Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1584-1593.	14.0	81
5	Challenges of System-Level Simulations and Performance Evaluation for 5G Wireless Networks. IEEE Access, 2014, 2, 1553-1561.	4.2	75
6	Wireless Network Virtualization With SDN and C-RAN for 5G Networks: Requirements, Opportunities, and Challenges. IEEE Access, 2017, 5, 19099-19115.	4.2	74
7	Energy Efficient Resource Allocation for UAV-Assisted Space-Air-Ground Internet of Remote Things Networks. IEEE Access, 2019, 7, 145348-145362.	4.2	72
8	5G Spectrum: is china ready?. , 2015, 53, 58-65.		70
9	Resource Allocation for Intelligent Reflecting Surface Aided Vehicular Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 12321-12326.	6.3	69
10	Learning-Based Robust and Secure Transmission for Reconfigurable Intelligent Surface Aided Millimeter Wave UAV Communications. IEEE Wireless Communications Letters, 2021, 10, 1795-1799.	5.0	67
11	Robust Transmission for Reconfigurable Intelligent Surface Aided Millimeter Wave Vehicular Communications With Statistical CSI. IEEE Transactions on Wireless Communications, 2022, 21, 928-944.	9.2	58
12	Network Slicing Enabled Resource Management for Service-Oriented Ultra-Reliable and Low-Latency Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 7847-7862.	6.3	50
13	QoS-Driven Spectrum Sharing for Reconfigurable Intelligent Surfaces (RISs) Aided Vehicular Networks. IEEE Transactions on Wireless Communications, 2021, 20, 5969-5985.	9.2	49
14	Joint Resource Allocation and UAV Trajectory Optimization for Space-Air-Ground Internet of Remote Things Networks. IEEE Systems Journal, 2021, 15, 4745-4755.	4.6	46
15	Hybrid satellite-aerial-terrestrial networks in emergency scenarios: a survey. China Communications, 2017, 14, 1-13.	3.2	41
16	QoE-Driven Transmission-Aware Cache Placement and Cooperative Beamforming Design in Cloud-RANs. IEEE Transactions on Vehicular Technology, 2020, 69, 636-650.	6.3	35
17	Transceiver design for cooperative non-orthogonal multiple access systems with wireless energy transfer. IET Communications, 2016, 10, 1947-1955.	2.2	33
18	Spectrum Analysis and Regulations for 5G. , 2017, , 27-50.		31

#	ARTICLE	IF	CITATIONS
19	Distributed Resource Allocation for D2D-Assisted Small Cell Networks With Heterogeneous Spectrum. IEEE Access, 2019, 7, 83900-83914.	4.2	24
20	Reconfigurable Intelligent Surface (RIS)-Aided Vehicular Networks: Their Protocols, Resource Allocation, and Performance. IEEE Vehicular Technology Magazine, 2022, 17, 26-36.	3.4	23
21	Trust Based Incentive Scheme to Allocate Big Data Tasks with Mobile Social Cloud. IEEE Transactions on Big Data, 2022, 8, 113-124.	6.1	21
22	Clustered device-to-device caching based on file preferences. , 2016, , .		20
23	Destination-assisted jamming for physical-layer security in SWIPT cognitive radio systems. , 2018, , .		20
24	Delay-Oriented Caching Strategies in D2D Mobile Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 8529-8541.	6.3	20
25	URLLC-Oriented Joint Power Control and Resource Allocation in UAV-Assisted Networks. IEEE Internet of Things Journal, 2021, 8, 10103-10116.	8.7	20
26	Safeguarding the Ultra-dense Networks with the aid of Physical Layer Security: A review and a case study. IEEE Access, 2016, 4, 9082-9092.	4.2	19
27	NOMA-Aided UAV Data Collection System: Trajectory Optimization and Communication Design. IEEE Access, 2020, 8, 155843-155858.	4.2	19
28	A Supplier-Firm-Buyer Framework for Computation and Content Resource Assignment in Wireless Virtual Networks. IEEE Transactions on Wireless Communications, 2019, 18, 4116-4128.	9.2	15
29	Energy Efficient Downlink Resource Allocation for D2D-Assisted Cellular Networks With Mobile Edge Caching. IEEE Access, 2019, 7, 2053-2067.	4.2	11
30	Cost-Oriented Mobility-Aware Caching Strategies in D2D Networks With Delay Constraint. IEEE Access, 2019, 7, 177023-177034.	4.2	11
31	Power Limited Ultra-Reliable and Low-Latency Communication in UAV-Enabled IoT Networks. , 2020, , .		11
32	Improved sparse channel estimation for multi-user massive MIMO systems with compressive sensing. , 2015, , .		8
33	SDN Based Optimal User Cooperation and Energy Efficient Resource Allocation in Cloud Assisted Heterogeneous Networks. IEEE Access, 2017, 5, 1469-1481.	4.2	8
34	Physical-Layer-Security-Oriented Frequency Allocation in Ultra-Dense-Networks Based on Location Informations. IEEE Access, 2019, 7, 90190-90205.	4.2	8
35	A Destination-Aided Wireless Energy Transfer Scheme in Multi-Antenna Relay Sensor Networks. IEEE Wireless Communications Letters, 2019, 8, 689-692.	5.0	8
36	Sum-Rate Maximization for UAV Aided Wireless Power Transfer in Space-Air-Ground Networks. IEEE Access, 2020, 8, 216231-216244.	4.2	8

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37	Mission-Critical Resource Allocation With Puncturing in Industrial Wireless Networks Under Mixed Services. IEEE Access, 2021, 9, 21870-21880.	4.2	7
38	Sum Rate Analysis and Power Allocation for Massive MIMO Systems With Mismatch Channel. IEEE Access, 2018, 6, 16997-17009.	4.2	6
39	Experience Blocking Ratio Based Game Theoretic Approach for Spectrum Sharing in Heterogeneous Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 343-355.	6.4	6
40	Approximate sum rate for massive multiple-input multiple-output two-way relay with Ricean fading. IET Communications, 2016, 10, 1493-1500.	2.2	5
41	Hierarchical power allocation algorithm for D2D-based cellular networks with heterogeneous statistical quality-of-service constraints. IET Communications, 2018, 12, 518-526.	2.2	5
42	Joint Stochastic Computational Resource and UAV Trajectory for Wireless-Powered Space-Air-Ground IoRT Networks. IEEE Access, 2020, 8, 193728-193743.	4.2	5
43	Sum Rate Maximization for Multi-UAV Enabled Space-Air-Ground Wireless Powered Communication Networks. , 2021, , .		5
44	Deep Reinforcement Learning-Based Service-Oriented Resource Allocation in Smart Grids. IEEE Access, 2021, 9, 77637-77648.	4.2	5
45	Distributed coalitional game for friendly jammer selection in ultra-dense networks. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	4
46	Service-Driven Resource Management in Vehicular Networks Based on Deep Reinforcement Learning. , 2020, , .		4
47	Destination-Aided Wireless Power Transfer in Energy-Limited Cognitive Relay Systems. IEEE Access, 2016, 4, 5385-5398.	4.2	3
48	Joint UAV Deployment and Energy Transmission Design for Throughput Maximization in IoRT Networks. , 2021, , .		3
49	System power minimization for virtualized cloud radio access networks with delay constraint. , 2017, , .		2
50	Research on Resource Allocation Algorithm for Satellite Uplink to Provide Differentiated QoS Support. IEEE Systems Journal, 2023, 17, 1146-1157.	4.6	2
51	Game Based Wireless Fronthaul C-RAN Baseband Function Splitting and Placement. , 2016, , .		1
52	Novel Resource Allocation Scheme based on Carrier Aggregation for Improving Cell-edge Performance. , 2018, , .		1
53	Joint Power and Channel Allocation Based on Caching with User Preferences in D2D HetNets. , 2019, , .		1
54	Learn to Beamform in Reconfigurable Intelligent Surface Aided MISO Communications with Channel Aging. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
55	Parallel Beamforming Design in Full Duplex Systems with Per-Antenna Power Constraints. , 2018, ,		0
56	Uplink Resource Allocation Based on Short Block-Length Regime in Heterogeneous Cellular Networks for Smart Grid. Advances in Intelligent Systems and Computing, 2021, , 213-224.	0.6	0