Miao Cui

List of Publications by Year
in descending order

23 papers	1,786 citations	686830 13 h-index	713013 21 g-index
23 all docs	23 docs citations	23 times ranked	1567 citing authors

#	Article	IF	Citations
1	Secure Wireless Communication via Intelligent Reflecting Surface. IEEE Wireless Communications Letters, 2019, 8, 1410-1414.	3.2	585
2	Securing UAV Communications via Joint Trajectory and Power Control. IEEE Transactions on Wireless Communications, 2019, 18, 1376-1389.	6.1	419
3	Robust Trajectory and Transmit Power Design for Secure UAV Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 9042-9046.	3.9	225
4	Trajectory Optimization and Power Allocation for Multi-Hop UAV Relaying Communications. IEEE Access, 2018, 6, 48566-48576.	2.6	105
5	Securing UAV Communications via Trajectory Optimization. , 2017, , .		98
6	Wireless Powered Cooperative Jamming for Secure OFDM System. IEEE Transactions on Vehicular Technology, 2018, 67, 1331-1346.	3.9	86
7	Throughput Maximization for IRS-Assisted Wireless Powered Hybrid NOMA and TDMA. IEEE Wireless Communications Letters, 2021, 10, 1944-1948.	3.2	47
8	Throughput Improvement for Multi-Hop UAV Relaying. IEEE Access, 2019, 7, 147732-147742.	2.6	33
9	Cooperative UAV Enabled Relaying Systems: Joint Trajectory and Transmit Power Optimization. IEEE Transactions on Green Communications and Networking, 2022, 6, 543-557.	3.5	29
10	3D Trajectory and Transmit Power Optimization for UAV-Enabled Multi-Link Relaying Systems. IEEE Transactions on Green Communications and Networking, 2021, 5, 392-405.	3.5	29
11	Bandwidth, Power and Trajectory Optimization for UAV Base Station Networks With Backhaul and User QoS Constraints. IEEE Access, 2020, 8, 67625-67634.	2.6	25
12	Signal and artificial noise beamforming for secure simultaneous wireless information and power transfer multiple‐input multiple‐output relaying systems. IET Communications, 2016, 10, 796-804.	1.5	17
13	Dynamic Computation Offloading in Ultra-Dense Networks Based on Mean Field Games. IEEE Transactions on Wireless Communications, 2021, 20, 6551-6565.	6.1	17
14	Deep Reinforcement Learning-Based Optimization for IRS-Assisted Cognitive Radio Systems. IEEE Transactions on Communications, 2022, 70, 3849-3864.	4.9	16
15	Trajectory optimization and resource allocation for UAV base stations under in-band backhaul constraint. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	1.5	12
16	Statistically Robust Transceiver Design for Multi-RIS Assisted Multi-User MIMO Systems. IEEE Communications Letters, 2022, 26, 1428-1432.	2.5	9
17	Achievable Rate Maximization for Intelligent Reflecting Surface-Assisted Orbital Angular Momentum-Based Communication Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 7277-7282.	3.9	8
18	Joint Optimization for Multi-Antenna AF-Relay Aided Over-the-Air Computation. IEEE Transactions on Vehicular Technology, 2022, 71, 6744-6749.	3.9	6

#	Article	IF	Citations
19	Joint resource allocation with subcarrier pairing in cooperative OFDM DF multiâ€relay networks. IET Communications, 2015, 9, 78-87.	1.5	5
20	Proactive Eavesdropping via Pilot Contamination and Jamming. Wireless Personal Communications, 2018, 99, 1405-1421.	1.8	5
21	Joint Beamforming Optimization in Multi-Relay Assisted MIMO Over-the-Air Computation for Multi-Modal Sensing Data Aggregation. IEEE Communications Letters, 2021, 25, 3937-3941.	2.5	5
22	Achievable Rate Region Maximization in Intelligent Reflecting Surfaces-Assisted Interference Channel. IEEE Transactions on Vehicular Technology, 2021, 70, 13406-13412.	3.9	4
23	A novel directional-NAV-based packets scheduling algorithm for ad hoc networks. , 2009, , .		1