Bin Li

List of Publications by Year
in descending order

34 papers	2,276 citations	471509 17 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	2333 citing authors

#	Article	IF	Citations
1	Distributed and Collective Intelligence for Computation Offloading in Aerial Edge Networks. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7516-7526.	8.0	7
2	Wireless Secret Key Generation for Distributed Antenna Systems: A Joint Space-Time-Frequency Perspective. IEEE Internet of Things Journal, 2022, 9, 633-647.	8.7	12
3	Spatial-Reuse-Based Efficient Coexistence for Cellular and WiFi Systems in the Unlicensed Band. IEEE Internet of Things Journal, 2022, 9, 1885-1898.	8.7	7
4	3D Trajectory Optimization for Energy-Efficient UAV Communication: A Control Design Perspective. IEEE Transactions on Wireless Communications, 2022, 21, 4579-4593.	9.2	55
5	Computation Offloading in Multi-UAV-Enhanced Mobile Edge Networks: A Deep Reinforcement Learning Approach. Wireless Communications and Mobile Computing, 2022, 2022, 1-11.	1.2	2
6	Energy efficient collaborative computation for double-RIS assisted mobile edge networks. Physical Communication, 2022, 53, 101774.	2.1	3
7	Digital Twin Assisted Task Offloading for Aerial Edge Computing and Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 10863-10877.	6.3	28
8	Secure Aerial Computing: Convergence of Mobile Edge Computing and Blockchain for UAV Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 12073-12087.	6.3	6
9	RIS-Assisted Spectrum Sharing Between MIMO Radar and MU-MISO Communication Systems. IEEE Wireless Communications Letters, 2021, 10, 594-598.	5.0	44
10	5G-Based Measurements and Characterizations of Low-Altitude Tethered Balloon Multipath Channel. , 2021, , .		0
11	Energy Management Strategy based on Deep Q-network in the Solar-powered UAV Communications System. , 2021, , .		4
12	Computation Offloading in LEO Satellite Networks With Hybrid Cloud and Edge Computing. IEEE Internet of Things Journal, 2021, 8, 9164-9176.	8.7	116
13	Physical-Layer Security in Space Information Networks: A Survey. IEEE Internet of Things Journal, 2020, 7, 33-52.	8.7	130
14	Remote Radio Head Activation and User Association in Dense C-RANs. IEEE Transactions on Vehicular Technology, 2020, 69, 12216-12228.	6.3	3
15	Energy-Efficient Robust Computation Offloading for Fog-IoT Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 4417-4425.	6.3	16
16	Vulnerabilities of Physical Layer Secret Key Generation Against Environment Reconstruction Based Attacks. IEEE Wireless Communications Letters, 2020, 9, 693-697.	5.0	9
17	Joint resource allocation for dynamic cellular†enabled UAVs communication. IET Communications, 2020, 14, 3161-3168.	2.2	4
18	Secrecy energy efficiency performance in communication networks with mobile sinks. Physical Communication, 2019, 32, 41-49.	2.1	9

#	Article	IF	Citations
19	Secure UAV Communication Networks over 5G. IEEE Wireless Communications, 2019, 26, 114-120.	9.0	144
20	Robust Secrecy Energy Efficiency Optimization for Wireless Powered Heterogeneous Networks Using Distributed ADMM Algorithm. IEEE Access, 2019, 7, 116277-116294.	4.2	2
21	Dynamic Offloading for Energy Harvesting Mobile Edge Computing: Architecture, Case Studies, and Future Directions. IEEE Access, 2019, 7, 79877-79886.	4.2	30
22	Cooperative jamming for physical layer security in hybrid satellite terrestrial relay networks. China Communications, 2019, 16, 154-164.	3.2	20
23	UAV Communications for 5G and Beyond: Recent Advances and Future Trends. IEEE Internet of Things Journal, 2019, 6, 2241-2263.	8.7	864
24	Security-Reliability Tradeoff Analysis for Cooperative NOMA in Cognitive Radio Networks. IEEE Transactions on Communications, 2019, 67, 83-96.	7.8	82
25	Resource Allocations for Secure Cognitive Satellite-Terrestrial Networks. IEEE Wireless Communications Letters, 2018, 7, 78-81.	5.0	70
26	Secrecy Energy Efficiency in Wireless Powered Heterogeneous Networks: A Distributed ADMM Approach. IEEE Access, 2018, 6, 20609-20624.	4.2	27
27	Robust Chance-Constrained Secure Transmission for Cognitive Satelliteâ€"Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4208-4219.	6.3	112
28	Secure Transmission for Heterogeneous Cellular Networks With Wireless Information and Power Transfer. IEEE Systems Journal, 2018, 12, 3755-3766.	4.6	61
29	Minimizing secrecy outage probability in D2Dâ€enabled cellular networks: Access control with power optimization. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3231.	3.9	1
30	Secrecy-Optimized Resource Allocation for UAV-Assisted Relaying Networks. , 2018, , .		13
31	Optimal Transmit Beamforming for Secure SWIPT in a Two-Tier HetNet. IEEE Communications Letters, 2017, 21, 2476-2479.	4.1	29
32	A Survey of Multi-Objective Optimization in Wireless Sensor Networks: Metrics, Algorithms, and Open Problems. IEEE Communications Surveys and Tutorials, 2017, 19, 550-586.	39.4	317
33	Robust Artificial Noise-Aided Secure Beamforming in Wireless-Powered Non-Regenerative Relay Networks. IEEE Access, 2016, 4, 7921-7929.	4.2	44
34	Robust beamforming and cooperative jamming for secure transmission in DF relay systems. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	5