Xin Yang

List of Publications by Year
in descending order

25 papers	186 citations	1684188 5 h-index	1281871 11 g-index
25 all docs	25 docs citations	25 times ranked	207 citing authors

#	Article	IF	Citations
1	Wireless Body Area Networks MAC Protocol For Energy Efficiency and Extending Lifetime. , 2018, 2, 1-4.		46
2	Automatic Modulation Recognition Based on Adaptive Attention Mechanism and ResNeXt WSL Model. IEEE Communications Letters, 2021, 25, 2953-2957.	4.1	29
3	Hybrid MAC Protocol Design for Mobile Wireless Sensors Networks. , 2018, 2, 1-4.		22
4	Sparsity-Inducing DOA Estimation of Coherent Signals Under the Coexistence of Mutual Coupling and Nonuniform Noise. IEEE Access, 2019, 7, 40271-40278.	4.2	22
5	Energy Efficiency TDMA/CSMA Hybrid Protocol with Power Control for WSN. Wireless Communications and Mobile Computing, 2018, 2018, 1-7.	1.2	20
6	Energy Efficient Cross-Layer Transmission Model for Mobile Wireless Sensor Networks. Mobile Information Systems, 2017, 2017, 1-8.	0.6	10
7	A Radio Signal Recognition Approach Based on Complex-Valued CNN and Self-Attention Mechanism. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1358-1373.	7.9	10
8	Medium Access Control for Unmanned Aerial Vehicle Based Mission Critical Wireless Sensor Networks in 3D Monitoring Networks. IEEE Access, 2019, 7, 102274-102283.	4.2	5
9	Attention Mechanism Based ResNeXt Network for Automatic Modulation Classification. , 2021, , .		5
10	COO-MAC: A Novel Cooperative MAC Protocol for Wireless Sensor Networks. , 2018, 2, 1-4.		3
11	Efficient Cumulant-Based Methods for Joint Angle and Frequency Estimation Using Spatial-Temporal Smoothing. Electronics (Switzerland), 2019, 8, 82.	3.1	3
12	Cross-layer model design in wireless ad hoc networks for the Internet of Things. PLoS ONE, 2018, 13, e0196818.	2.5	2
13	Two-Dimensional DOA Finding Method for Noncircular Signals with Unknown Mutual Coupling of Rectangular Arrays. , 2019, , .		2
14	Joint Resource Allocation for Multiuser Opportunistic Beamforming Systems with OFDM-NOMA. Entropy, 2021, 23, 809.	2.2	2
15	Priority-Based Hybrid MAC Protocol for VANET with UAV-Enabled Roadside Units. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	1.2	2
16	A Multichannel Transmitting and Assistant Nodes MAC Protocol for Mobile Ad Hoc Networks. , 2015, , .		1
17	Efficient Two-Dimensional Direction Finding Algorithm for Rectilinear Sources Under Unknown Mutual Coupling. Sensors, 2020, 20, 1914.	3.8	1
18	Multicast Directional Modulation Based On Sparse Array Optimization. , 2021, , .		1

#	Article	IF	Citations
19	Direction Finding Algorithm for Noncircular Signals in the Presence of Unknown Mutual Coupling. , 2018, , .		0
20	Efficient Localization Algorithm for Spatially Displaced Electromagnetic Vector Sensor. , 2019, , .		0
21	Uplink/Downlink initiated based MAC Protocol for Asymmetric Full Duplex Radio to Improve Throughput. , 2021, , .		0
22	Information-Priority-Oriented Adaptive MAC Protocol for High Dynamic UAV Network. , 2021, 5, 1-4.		0
23	Joint User Scheduling, Relay Selection, and Power Allocation for Multi-Antenna Opportunistic Beamforming Systems. Entropy, 2021, 23, 1278.	2.2	0
24	Security Enhancement of Directional Modulation Scheme Against Hybrid Eavesdroppers. , 2021, , .		0
25	Time-Division Multiarray Beamforming for UAV Communication. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	1.2	0