Yanan Wang

List of Publications by Year
in descending order

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49	1,038	759233 12	414414 32
papers	citations	h-index	g-index

49	49	49	1176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Research on optimal intelligent routing algorithm for IoV with machine learning and smart contract. Digital Communications and Networks, 2023, 9, 47-55.	5.0	6
2	UAV-based Mobile Wireless Power Transfer Systems with Joint Optimization of User Scheduling and Trajectory. Mobile Networks and Applications, 2022, 27, 1813-1827.	3.3	13
3	Relay Cooperative Transmission Algorithms for IoV Under Aggregated Interference. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9712-9725.	8.0	6
4	Low-Complexity Implicit Detection for Massive MIMO Using Neumann Series. IEEE Transactions on Vehicular Technology, 2022, 71, 9044-9049.	6.3	9
5	Optimization Based Adaptive Cruise Control and Energy Management Strategy for Connected and Automated FCHEV. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21620-21629.	8.0	6
6	SWIPT Enabled Intelligent Transportation Systems With Advanced Sensing Fusion. IEEE Sensors Journal, 2021, 21, 15643-15650.	4.7	9
7	Fuzzy Control-Based Energy-Aware Routing Protocol for Wireless Body Area Networks. Journal of Sensors, 2021, 2021, 1-13.	1.1	10
8	Research on Secure Transmission Performance of Electric Vehicles Under Nakagami-m Channel. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1881-1891.	8.0	15
9	Research on Rainfall Monitoring Based on E-Band Millimeter Wave Link in East China. Sensors, 2021, 21, 1670.	3.8	8
10	Resource allocation algorithm for IoT communication based on ambient backscatter. , 2021, , .		2
11	Characteristics of Rain-Induced Attenuation over Signal Links at Frequency Ranges of 25 and 38 GHz Observed in Beijing. Remote Sensing, 2021, 13, 2156.	4.0	5
12	Service Migration Policy Optimization considering User Mobility for E-Healthcare Applications. Journal of Healthcare Engineering, 2021, 2021, 1-13.	1.9	3
13	A Survey of Computational Intelligence for 6G: Key Technologies, Applications and Trends. IEEE Transactions on Industrial Informatics, 2021, 17, 7145-7154.	11.3	97
14	The impact of rainfall on E-band millimeter-wave links in East China. , 2021, , .		1
15	A robust distance-based relay selection for message dissemination in vehicular network. Wireless Networks, 2020, 26, 1755-1771.	3.0	49
16	Resource allocation on secrecy energy efficiency for C-RAN with artificial noise. Wireless Networks, 2020, 26, 639-650.	3.0	2
17	Joint optimization for ambient backscatter communication system with energy harvesting for IoT. Mechanical Systems and Signal Processing, 2020, 135, 106412.	8.0	48
18	Secrecy Performance Analysis of UAV Assisted Relay Transmission for Cognitive Network With Energy Harvesting. IEEE Transactions on Vehicular Technology, 2020, 69, 7404-7415.	6.3	134

#	Article	IF	Citations
19	ARNS: Adaptive Relay-Node Selection Method for Message Broadcasting in the Internet of Vehicles. Sensors, 2020, 20, 1338.	3.8	20
20	Survey on the Internet of Vehicles: Network Architectures and Applications. IEEE Communications Standards Magazine, 2020, 4, 34-41.	4.9	214
21	Impact of Precipitation on Millimeter-Wave Backhaul Links for 5G Cellular Networks. , 2020, , .		0
22	An Energy-Efficient Routing Protocol for Reliable Data Transmission in Wireless Body Area Networks. Sensors, 2019, 19, 4238.	3.8	21
23	Performance Analysis of UAV Relay Assisted IoT Communication Network Enhanced With Energy Harvesting. IEEE Access, 2019, 7, 38738-38747.	4.2	123
24	A Relay-Node Selection on Curve Road in Vehicular Networks. IEEE Access, 2019, 7, 12714-12728.	4.2	22
25	A Survey of Routing Protocols in WBAN for Healthcare Applications. Sensors, 2019, 19, 1638.	3.8	89
26	The Efficient BackFi Transmission Design in Ambient Backscatter Communication Systems for IoT. IEEE Access, 2019, 7, 31397-31408.	4.2	33
27	A Non-Coherent Detection Scheme of O-QPSK Receiver for Perfect-Communication Establishment in Blockchain Technology. , 2019, , .		0
28	Outage analysis for simultaneous wireless information and power transfer in dual-hop relaying networks. Wireless Networks, 2019, 25, 837-844.	3.0	11
29	A multi attribute decision routing for load-balancing in crowd sensing network. Wireless Networks, 2019, 25, 13-28.	3.0	1
30	Efficient Protocols Design and Performance Analysis for Centralized WLAN. Wireless Personal Communications, 2018, 99, 839-862.	2.7	1
31	Design and Analysis of a General Relay-Node Selection Mechanism on Intersection in Vehicular Networks. Sensors, 2018, 18, 4251.	3.8	5
32	MCGR-PB: A Multi-Player Cooperative Game Based Routing for Performance Balancing in Crowd Sensing Networks. IEEE Access, 2018, 6, 68440-68449.	4.2	1
33	Robust Beamforming Design for Secure V2X Downlink System with Wireless Information and Power Transfer under a Nonlinear Energy Harvesting Model. Sensors, 2018, 18, 3294.	3.8	6
34	Performance Analysis of Multihop Relaying Caching for Internet of Things under Nakagami Channels. Wireless Communications and Mobile Computing, 2018, 2018, 1-9.	1.2	10
35	Simple nonâ€coherent detection scheme for IEEE 802.15.4 BPSK receivers. Electronics Letters, 2017, 53, 628-629.	1.0	11
36	Efficient protocol design for device-to-device communication in ultra dense networks. , 2017, , .		3

#	Article	IF	Citations
37	Closed-form energy efficient joint power allocation for dual-hop massive MIMO relaying systems. , 2017, , .		0
38	Tracking of Maneuvering Complex Extended Object with Coupled Motion Kinematics and Extension Dynamics Using Range Extent Measurements. Sensors, 2017, 17, 2184.	3.8	0
39	Exponent-Based Partitioning Broadcast Protocol for Emergency Message Dissemination in Vehicular Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 2075-2083.	0.3	5
40	An energy-efficient routing protocol for mobile opportunistic network. , 2016, , .		1
41	Performance evaluation for shape estimation of extended objects using a modified hausdorff distance. , 2016, , .		6
42	Analysis over Spectral Efficiency and Power Scaling in Massive MIMO Dual-Hop Systems with Multi-Pair Users. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 1665-1673.	0.3	2
43	Robust collaborative relay beamforming design for two-way relay systems with reciprocal CSI. Wireless Networks, 2015, 21, 2209-2221.	3.0	2
44	Energy-Efficient Resource Allocation in Uplink Multiuser Massive MIMO Systems. International Journal of Antennas and Propagation, 2015, 2015, 1-9.	1.2	11
45	An Efficient Data Collection Protocol Based on Multihop Routing and Single-Node Cooperation in Wireless Sensor Networks. Journal of Sensors, 2014, 2014, 1-9.	1.1	3
46	Performance analysis of cognitive radio networks with interference cancellation. , 2014, , .		0
47	Efficient MAC protocol design and performance analysis for dense WLANs. Wireless Networks, 2014, 20, 2237-2254.	3.0	7
48	Performance of antenna selection for two-way relay networks with Physical Network Coding. , 2013, , .		4
49	Performance of multiple relay selection with QoS requirement for cooperative relay networks. , 2013, , .		3