

Jie Huang

List of Publications by Year in descending order

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55
papers

2,319
citations

471371

17
h-index

434063

31
g-index

55
all docs

55
docs citations

55
times ranked

1559
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. Science China Information Sciences, 2021, 64, 1.	2.7	858
2	6G Wireless Channel Measurements and Models: Trends and Challenges. IEEE Vehicular Technology Magazine, 2020, 15, 22-32.	2.8	265
3	Multi-Frequency mmWave Massive MIMO Channel Measurements and Characterization for 5G Wireless Communication Systems. IEEE Journal on Selected Areas in Communications, 2017, 35, 1591-1605.	9.7	181
4	60-GHz Millimeter-Wave Channel Measurements and Modeling for Indoor Office Environments. IEEE Transactions on Antennas and Propagation, 2017, 65, 1912-1924.	3.1	148
5	5G Millimeter Wave Channel Sounders, Measurements, and Models: Recent Developments and Future Challenges. IEEE Communications Magazine, 2019, 57, 138-145.	4.9	100
6	Novel 3-D Nonstationary MmWave Massive MIMO Channel Models for 5G High-Speed Train Wireless Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 2077-2086.	3.9	87
7	Multi-Frequency Multi-Scenario Millimeter Wave MIMO Channel Measurements and Modeling for B5G Wireless Communication Systems. IEEE Journal on Selected Areas in Communications, 2020, 38, 2010-2025.	9.7	83
8	A Big Data Enabled Channel Model for 5G Wireless Communication Systems. IEEE Transactions on Big Data, 2020, 6, 211-222.	4.4	73
9	A Novel Nonstationary 6G UAV-to-Ground Wireless Channel Model With 3-D Arbitrary Trajectory Changes. IEEE Internet of Things Journal, 2021, 8, 9865-9877.	5.5	67
10	A WINNER+ Based 3-D Non-Stationary Wideband MIMO Channel Model. IEEE Transactions on Wireless Communications, 2018, 17, 1755-1767.	6.1	66
11	A General 3D Space-Time-Frequency Non-Stationary THz Channel Model for 6G Ultra-Massive MIMO Wireless Communication Systems. IEEE Journal on Selected Areas in Communications, 2021, 39, 1576-1589.	9.7	49
12	A 3D Wideband Non-Stationary Multi-Mobility Model for Vehicle-to-Vehicle MIMO Channels. IEEE Access, 2019, 7, 32562-32577.	2.6	33
13	A 3D Non-Stationary Channel Model for 6G Wireless Systems Employing Intelligent Reflecting Surfaces With Practical Phase Shifts. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 496-510.	4.9	33
14	Reconfigurable Intelligent Surfaces: Channel Characterization and Modeling. Proceedings of the IEEE, 2022, 110, 1290-1311.	16.4	32
15	A Novel 3D Non-Stationary GBSM for 6G THz Ultra-Massive MIMO Wireless Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 12312-12324.	3.9	26
16	A novel 3D GBSM for mmWave MIMO channels. Science China Information Sciences, 2018, 61, 1.	2.7	23
17	Measurements and modeling of human blockage effects for multiple millimeter Wave bands. , 2017, , .		20
18	A Novel 3D Non-Stationary Channel Model for 6G Indoor Visible Light Communication Systems. IEEE Transactions on Wireless Communications, 2022, 21, 8292-8307.	6.1	19

#	ARTICLE	IF	CITATIONS
19	An Efficient Identity-Based Key Management Scheme for Wireless Sensor Networks Using the Bloom Filter. <i>Sensors</i> , 2014, 14, 17937-17951.	2.1	12
20	Channel Measurements and Modeling for 400â€“600-MHz Bands in Urban and Suburban Scenarios. <i>IEEE Internet of Things Journal</i> , 2021, 8, 5531-5543.	5.5	11
21	A Novel 3D Non-Stationary Maritime Wireless Channel Model. <i>IEEE Transactions on Communications</i> , 2022, 70, 2102-2116.	4.9	11
22	A Novel 3D Space-Time-Frequency Non-Stationary Channel Model for 6G THz Indoor Communication Systems. , 2020, , .		10
23	An Efficient Key Management Scheme Based on ECC and AVL Tree for Large Scale Wireless Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2015, 11, 691498.	1.3	10
24	A 3D Non-Stationary Channel Model for 6G Wireless Systems Employing Intelligent Reflecting Surface. , 2020, , .		9
25	An Encryption Depth Optimization Scheme for Fully Homomorphic Encryption. , 2014, , .		8
26	Malware homology determination using visualized images and feature fusion. <i>PeerJ Computer Science</i> , 2021, 7, e494.	2.7	7
27	A Non-Stationary GBSM for 6G LEO Satellite Communication Systems. , 2021, , .		7
28	Creating Small-World Model for Homogeneous Wireless Sensor Networks. , 2012, , .		6
29	A Novel Mobile-Coverage Scheme for Hybrid Sensor Networks. <i>IEEE Access</i> , 2020, 8, 121678-121692.	2.6	6
30	Multi-Frequency Wireless Channel Measurements and Characteristics Analysis in Indoor Corridor Scenarios. , 2021, , .		6
31	Importance-based entropy measures of complex networksâ€™ robustness to attacks. <i>Cluster Computing</i> , 2019, 22, 3981-3988.	3.5	5
32	A lightweight physical-layer based security strategy for Internet of things. <i>Cluster Computing</i> , 2019, 22, 12971-12983.	3.5	5
33	Skin detection method based on cascaded AdaBoost classifier. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2012, 17, 197-202.	0.5	4
34	Public Auditing for Network Coding Based Secure Cloud Storage. , 2018, , .		4
35	A security key distribution scheme based on energy efficiency for hybrid wireless sensor networks. <i>Security and Communication Networks</i> , 2014, 7, 1189-1198.	1.0	3
36	A 3D Wideband GBSM for THz Communications in Indoor Scenarios. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	A Novel Massive MIMO Beam Domain Channel Model. , 2020, , .		3
38	Verification of an Intelligent Ray Launching Algorithm in Indoor Environments in the Ka-Band. Radio Science, 2021, 56, e2020RS007252.	0.8	3
39	Malware propagation model for cluster-based wireless sensor networks using epidemiological theory. PeerJ Computer Science, 2021, 7, e728.	2.7	3
40	A Novel Circuit-based MIMO Channel Model Considering Antenna Size and Mutual Coupling. , 2021, , .		3
41	A Novel Key Distribution Scheme Based on Transmission Delays. Security and Communication Networks, 2021, 2021, 1-13.	1.0	3
42	A Key Pre-distribution Scheme Based on Multiple Key Spaces in Wireless Sensor Networks. , 2014, , .		2
43	A Novel Identity-Based Security Scheme for Wireless Sensor Networks. , 2014, , .		2
44	Measurements of Reflection and Penetration Loss in Indoor Environments in the 39-GHz Band. , 2021, , .		2
45	FDI. , 2020, , .		2
46	A Novel Key Pre-distribution Scheme in Wireless Sensor Networks. , 2014, , .		1
47	MCTA: Mobile-Coverage Scheme Based on Trust-Aware for Hybrid WSNs. , 2021, , .		1
48	Comparison and Modeling of Multi-Frequency Wideband Channels at Sub-6 GHz Bands. , 2021, , .		1
49	Defending pollution attacks in network coding enabled wireless ad hoc networks: a game-theoretic framework. IET Communications, 2020, 14, 3324-3333.	1.5	1
50	Randomness analysis of end-to-end delay in random forwarding networks. PeerJ Computer Science, 2022, 8, e942.	2.7	1
51	A Novel 3D Wideband Time-Varying Channel Model for Orbital Angular Momentum Communication Systems. , 2022, , .		1
52	PKDIP: Efficient Public-Key-Based Data Integrity Protection for Wireless Image Sensors. Journal of Sensors, 2015, 2015, 1-9.	0.6	0
53	A Probabilistically Weakly Secure Network Coding Scheme in Multipath Routing for WSNs. Sensors, 2017, 17, 1133.	2.1	0
54	A Novel Lightweight Cryptography Scheme Based on Standardized IOT Data. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
55	A 3D Non-Stationary GBSM for Underwater Acoustic MIMO Communication Systems. , 2021, , .		0