

Jie Huang

List of Publications by Year in descending order

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55
papers

2,319
citations

471371

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h-index

434063

31
g-index

55
all docs

55
docs citations

55
times ranked

1559
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel 3D Non-Stationary Maritime Wireless Channel Model. IEEE Transactions on Communications, 2022, 70, 2102-2116.	4.9	11
2	Randomness analysis of end-to-end delay in random forwarding networks. PeerJ Computer Science, 2022, 8, e942.	2.7	1
3	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
4	A Novel 3D Wideband Time-Varying Channel Model for Orbital Angular Momentum Communication Systems. , 2022, , .		1
5	Reconfigurable Intelligent Surfaces: Channel Characterization and Modeling. Proceedings of the IEEE, 2022, 110, 1290-1311.	16.4	32
6	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. Science China Information Sciences, 2021, 64, 1.	2.7	858
7	Channel Measurements and Modeling for 400â€“600-MHz Bands in Urban and Suburban Scenarios. IEEE Internet of Things Journal, 2021, 8, 5531-5543.	5.5	11
8	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
9	MCTA: Mobile-Coverage Scheme Based on Trust-Aware for Hybrid WSNs. , 2021, , .		1
10	Measurements of Reflection and Penetration Loss in Indoor Environments in the 39-GHz Band. , 2021, , .		2
11	Malware homology determination using visualized images and feature fusion. PeerJ Computer Science, 2021, 7, e494.	2.7	7
12	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
13	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
14	Verification of an Intelligent Ray Launching Algorithm in Indoor Environments in the Kaâ€“Band. Radio Science, 2021, 56, e2020RS007252.	0.8	3
15	Malware propagation model for cluster-based wireless sensor networks using epidemiological theory. PeerJ Computer Science, 2021, 7, e728.	2.7	3
16	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
17	A Non-Stationary GBSM for 6G LEO Satellite Communication Systems. , 2021, , .		7
18	Comparison and Modeling of Multi-Frequency Wideband Channels at Sub-6 GHz Bands. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	A Novel Circuit-based MIMO Channel Model Considering Antenna Size and Mutual Coupling. , 2021, , .		3
20	A 3D Non-Stationary GBSM for Underwater Acoustic MIMO Communication Systems. , 2021, , .		0
21	A Novel Key Distribution Scheme Based on Transmission Delays. Security and Communication Networks, 2021, 2021, 1-13.	1.0	3
22	Multi-Frequency Wireless Channel Measurements and Characteristics Analysis in Indoor Corridor Scenarios. , 2021, , .		6
23	A Big Data Enabled Channel Model for 5G Wireless Communication Systems. IEEE Transactions on Big Data, 2020, 6, 211-222.	4.4	73
24	A Novel Massive MIMO Beam Domain Channel Model. , 2020, , .		3
25	A Novel Mobile-Coverage Scheme for Hybrid Sensor Networks. IEEE Access, 2020, 8, 121678-121692.	2.6	6
26	A Novel 3D Space-Time-Frequency Non-Stationary Channel Model for 6G THz Indoor Communication Systems. , 2020, , .		10
27	6G Wireless Channel Measurements and Models: Trends and Challenges. IEEE Vehicular Technology Magazine, 2020, 15, 22-32.	2.8	265
28	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
29	FDI. , 2020, , .		2
30	A Novel Lightweight Cryptography Scheme Based on Standardized IOT Data. , 2020, , .		0
31	Defending pollution attacks in network coding enabled wireless ad hoc networks: a gameâ€theoretic framework. IET Communications, 2020, 14, 3324-3333.	1.5	1
32	A 3D Non-Stationary Channel Model for 6G Wireless Systems Employing Intelligent Reflecting Surface. , 2020, , .		9
33	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
34	A 3D Wideband Non-Stationary Multi-Mobility Model for Vehicle-to-Vehicle MIMO Channels. IEEE Access, 2019, 7, 32562-32577.	2.6	33
35	A 3D Wideband GBSM for THz Communications in Indoor Scenarios. , 2019, , .		3
36	5G Millimeter Wave Channel Sounders, Measurements, and Models: Recent Developments and Future Challenges. IEEE Communications Magazine, 2019, 57, 138-145.	4.9	100

#	ARTICLE	IF	CITATIONS
37	Importance-based entropy measures of complex networks's™ robustness to attacks. Cluster Computing, 2019, 22, 3981-3988.	3.5	5
38	A lightweight physical-layer based security strategy for Internet of things. Cluster Computing, 2019, 22, 12971-12983.	3.5	5
39	A WINNER+ Based 3-D Non-Stationary Wideband MIMO Channel Model. IEEE Transactions on Wireless Communications, 2018, 17, 1755-1767.	6.1	66
40	Public Auditing for Network Coding Based Secure Cloud Storage. , 2018, , .		4
41	A novel 3D GBSM for mmWave MIMO channels. Science China Information Sciences, 2018, 61, 1.	2.7	23
42	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
43	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
44	Measurements and modeling of human blockage effects for multiple millimeter Wave bands. , 2017, , .		20
45	A Probabilistically Weakly Secure Network Coding Scheme in Multipath Routing for WSNs. Sensors, 2017, 17, 1133.	2.1	0
46	PKDIP: Efficient Public-Key-Based Data Integrity Protection for Wireless Image Sensors. Journal of Sensors, 2015, 2015, 1-9.	0.6	0
47	An Efficient Key Management Scheme Based on ECC and AVL Tree for Large Scale Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 691498.	1.3	10
48	A Novel Key Pre-distribution Scheme in Wireless Sensor Networks. , 2014, , .		1
49	A Key Pre-distribution Scheme Based on Multiple Key Spaces in Wireless Sensor Networks. , 2014, , .		2
50	An Efficient Identity-Based Key Management Scheme for Wireless Sensor Networks Using the Bloom Filter. Sensors, 2014, 14, 17937-17951.	2.1	12
51	An Encryption Depth Optimization Scheme for Fully Homomorphic Encryption. , 2014, , .		8
52	A security key distribution scheme based on energy efficiency for hybrid wireless sensor networks. Security and Communication Networks, 2014, 7, 1189-1198.	1.0	3
53	A Novel Identity-Based Security Scheme for Wireless Sensor Networks. , 2014, , .		2
54	Creating Small-World Model for Homogeneous Wireless Sensor Networks. , 2012, , .		6

#	ARTICLE	IF	CITATIONS
55	Skin detection method based on cascaded AdaBoost classifier. Journal of Shanghai Jiaotong University (Science), 2012, 17, 197-202.	0.5	4