Jinfeng Du

List of Publications by Year
in descending order

31 papers	334 citations	840776 11 h-index	996975 15 g-index
31 all docs	31 docs citations	31 times ranked	385 citing authors

#	Article	IF	Citations
1	Universal Path Gain Laws for Common Wireless Communication Environments. IEEE Transactions on Antennas and Propagation, 2022, 70, 2928-2941.	5.1	3
2	Analysis of 5G Base Station RF EMF Exposure Evaluation Methods in Scattering Environments. IEEE Access, 2022, 10, 7196-7206.	4.2	3
3	Machine Learning-Based Urban Canyon Path Loss Prediction Using 28 GHz Manhattan Measurements. IEEE Transactions on Antennas and Propagation, 2022, 70, 4096-4111.	5.1	12
4	Directional Measurements in Urban Street Canyons From Macro Rooftop Sites at 28 GHz for 90% Outdoor Coverage. IEEE Transactions on Antennas and Propagation, 2021, 69, 3459-3469.	5.1	16
5	Impact of Effective Antenna Pattern on Estimation of Interference in Citizens Broadband Radio Service. , 2021, , .		0
6	Suburban Fixed Wireless Access Channel Measurements and Models at 28 GHz for 90% Outdoor Coverage. IEEE Transactions on Antennas and Propagation, 2020, 68, 411-420.	5.1	20
7	Rework the Radio Link Budget for 5G and Beyond. IEEE Access, 2020, 8, 211585-211594.	4.2	13
8	Path Loss and Directional Gain Measurements at 28 GHz for Non-Line-of-Sight Coverage of Indoors With Corridors. IEEE Transactions on Antennas and Propagation, 2020, 68, 4820-4830.	5.1	27
9	Minimum Per-Element Power of Phased Array for Gbps Mobile Access in mmWaves. , 2019, , .		0
10	Optimized Antenna Array for Improving Performance of 5G mmWave Fixed Wireless Access in Suburban Environment. , 2019, , .		4
11	Path Loss and Directional Gain Measurements at 28 GHz for Factory Automation. , 2019, , .		12
12	Suburban Residential Building Penetration Loss at 28 GHz for Fixed Wireless Access. IEEE Wireless Communications Letters, 2018, 7, 890-893.	5.0	28
13	How Much Spectrum is too Much in Millimeter Wave Wireless Access. IEEE Journal on Selected Areas in Communications, 2017, 35, 1444-1458.	14.0	33
14	Gbps User Rates Using mmWave Relayed Backhaul With High-Gain Antennas. IEEE Journal on Selected Areas in Communications, 2017, 35, 1363-1372.	14.0	43
15	Unified Capacity Limit of Non-Coherent Wideband Fading Channels. IEEE Transactions on Wireless Communications, 2017, 16, 43-57.	9.2	12
16	Scalable Capacity Bounding Models for Wireless Networks. IEEE Transactions on Information Theory, 2016, 62, 208-229.	2.4	4
17	Cross-layer design of network-coded transmission with a delay constraint. , 2015, , .		0
18	Network reduction for coded multiple-hop networks. , 2015, , .		2

#	Article	IF	Citations
19	Delay constrained throughput-reliability tradeoff in network-coded wireless systems. , 2014, , .		7
20	Scalable upper bounding models for wireless networks. , 2014, , .		0
21	Low SNR — When only decoding will do. , 2014, , .		2
22	Lower bounding models for wireless networks. , 2013, , .		1
23	Wireless Multicast Relay Networks with Limited-Rate Source-Conferencing. IEEE Journal on Selected Areas in Communications, 2013, 31, 1390-1401.	14.0	24
24	Short-message noisy network coding with partial source cooperation. , 2012, , .		6
25	Optimal Symbol-by-Symbol Costa Precoding for a Relay-Aided Downlink Channel. IEEE Transactions on Communications, 2011, 59, 2274-2284.	7.8	1
26	Cooperative Network Coding Strategies for Wireless Relay Networks with Backhaul. IEEE Transactions on Communications, 2011, 59, 2502-2514.	7.8	27
27	Capacity Bounds for Backhaul-Supported Wireless Multicast Relay Networks with Cross-Links. , 2011, , .		2
28	Cooperative strategies for relay-aided multi-cell wireless networks with backhaul. , 2010, , .		4
29	Capacity bounds for relay-aided wireless multiple multicast with backhaul. , 2010, , .		2
30	Pulse shape adaptivity in OFDM/OQAM systems. , 2008, , .		10
31	Time frequency localization of pulse shaping filters in OFD/OQAM systems. , 2007, , .		16