Kazi Mohammed Saidul Huq

List of Publications by Year
in descending order

57 papers	2,622 citations	471509 17 h-index	477307 29 g-index
60 all docs	60 docs citations	60 times ranked	3335 citing authors

#	Article	IF	Citations
1	Drive Towards 6G. , 2022, , 3-35.		2
2	LFT-Net: Local Feature Transformer Network for Point Clouds Analysis. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-11.	8.0	13
3	Spatially Coupled Protograph LDPC-Coded Hierarchical Modulated BICM-ID Systems: A Promising Transmission Technique for 6G-Enabled Internet of Things. IEEE Internet of Things Journal, 2021, 8, 5149-5163.	8.7	12
4	3D Network Modeling for THz-Enabled Ultra-Fast Dense Networks: A 6G Perspective. IEEE Communications Standards Magazine, 2021, 5, 84-90.	4.9	23
5	Robust, Resilient and Reliable Architecture for V2X Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4414-4430.	8.0	16
6	Recent Advances of Propagation Channel Research for 6G Wireless Communication Systems. , 2021, , .		0
7	A novel mapping technique for ray tracer to system-level simulation. Computer Communications, 2020, 150, 378-383.	5.1	0
8	Energy-Efficiency Maximization for D2D-Enabled UAV-Aided 5G Networks. , 2020, , .		6
9	MOTH- Mobility-induced Outages in THz: A Beyond 5G (B5G) application. , 2020, , .		5
10	Millimeter Wave Channel Measure. , 2020, , 819-823.		0
11	Terahertz-Enabled Wireless System for Beyond-5G Ultra-Fast Networks: A Brief Survey. IEEE Network, 2019, 33, 89-95.	6.9	133
12	Terahertz Massive MIMO for Beyond-5G Wireless Communication. , 2019, , .		29
13	Doubly Orthogonal Wavelet Packets for Multi-Users Indoor Visible Light Communication Systems. Photonics, 2019, 6, 85.	2.0	4
14	Generalized Hybrid Beamforming for Vehicular Connectivity Using THz Massive MIMO. IEEE Transactions on Vehicular Technology, 2019, 68, 8372-8383.	6.3	80
15	Millimetre‐wave massive MIMO for cellular vehicle‐to‐infrastructure communication. IET Intelligent Transport Systems, 2019, 13, 983-990.	3.0	23
16	Two Time-Scale Resource Allocation in Hybrid Energy Powering 5G Wireless System. , 2019, , .		3
17	A Metamaterial-Inspired Small Rectenna for RF Energy Harvesting Based on a 3-Way Power Combiner. , 2019, , .		2
18	Interference Cooperation via Distributed Game in 5G Networks. IEEE Internet of Things Journal, 2019, 6, 311-320.	8.7	19

#	Article	IF	Citations
19	Millimeter-Wave Massive MIMO Communication for Future Wireless Systems: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 836-869.	39.4	457
20	Space-Reserved Cooperative Caching in 5G Heterogeneous Networks for Industrial IoT. IEEE Transactions on Industrial Informatics, 2018, 14, 2715-2724.	11.3	70
21	A survey of 5G technologies: regulatory, standardization and industrial perspectives. Digital Communications and Networks, 2018, 4, 87-97.	5.0	196
22	Impact of 3D Channel Modeling for Ultra-High Speed Beyond-5G Networks. , 2018, , .		7
23	Adaptive Resource Allocation for Energy-Efficient Millimeter-Wave Massive MIMO Networks. , 2018, , .		5
24	On the Load Balancing of Edge Computing Resources for On-Line Video Delivery. IEEE Access, 2018, 6, 73916-73927.	4.2	8
25	SAGECELL: Software-Defined Space-Air-Ground Integrated Moving Cells. IEEE Communications Magazine, 2018, 56, 92-99.	6.1	115
26	Robust Mobile Crowd Sensing: When Deep Learning Meets Edge Computing. IEEE Network, 2018, 32, 54-60.	6.9	336
27	Cloud Miracles: Heterogeneous Cloud RAN for Fair Coexistence of LTE-U and Wi-Fi in Ultra Dense 5G Networks. IEEE Communications Magazine, 2018, 56, 64-71.	6.1	14
28	THz Communications for Mobile Heterogeneous Networks. , 2018, 56, 94-95.		19
29	Energy efficiency optimization for downlink OFDMA system in heterogeneous network with QoS constraints. International Journal of Communication Systems, 2017, 30, e2969.	2.5	3
30	On Indoor Millimeter Wave Massive MIMO Channels: Measurement and Simulation. IEEE Journal on Selected Areas in Communications, 2017, 35, 1678-1690.	14.0	188
31	Enhanced C-RAN Using D2D Network. , 2017, 55, 100-107.		60
32	Energy-efficient game-theoretical random access for M2M communications in overlapped cellular networks. Computer Networks, 2017, 129, 493-501.	5.1	13
33	Hybrid Resource Allocation for Millimeter-Wave NOMA. IEEE Wireless Communications, 2017, 24, 23-29.	9.0	16
34	System-Level Performance Evaluation for 5G mmWave Cellular Network. , 2017, , .		12
35	An IoT-Based E-Health Monitoring System Using ECG Signal. , 2017, , .		67
36	WiFi in Licensed Band. IEEE Communications Letters, 2016, 20, 1655-1658.	4.1	7

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37	Low-Cost On-Demand C-RAN Based Mobile Small-Cells. IEEE Access, 2016, 4, 2331-2339.	4.2	42
38	Energyâ€efficient interference management in LTEâ€D2D communication. IET Signal Processing, 2016, 10, 197-202.	1.5	30
39	Outage probability analysis for device-to-device system. , 2016, , .		6
40	An Overview of 4G System-Level Energy-Efficiency Performance. Studies in Systems, Decision and Control, 2016, , 45-64.	1.0	0
41	Energy efficiency of downlink packet scheduling in CoMP. Transactions on Emerging Telecommunications Technologies, 2015, 26, 131-146.	3.9	13
42	Cognitive vehicular communication for 5G. IEEE Communications Magazine, 2015, 53, 109-117.	6.1	99
43	QoS aware energy-efficient resource scheduling for HetNet CoMP. , 2015, , .		1
44	Green HetNet CoMP: Energy Efficiency Analysis and Optimization. IEEE Transactions on Vehicular Technology, 2015, 64, 4670-4683.	6.3	89
45	Energy efficient load balancing for future self-organized shared networks. Telecommunication Systems, 2015, 59, 123-135.	2.5	0
46	Energy efficiency optimization in MU-MIMO system with spectral efficiency constraint. , 2014, , .		8
47	A novel energy efficient packet-scheduling algorithm for CoMP. Computer Communications, 2014, 50, 53-63.	5.1	9
48	Smart Direct-LTE communication: An energy saving perspective. Ad Hoc Networks, 2014, 13, 296-311.	5.5	91
49	Direct mobile-to-mobile communication: Paradigm for 5G. IEEE Wireless Communications, 2014, 21, 14-23.	9.0	162
50	Energy efficient interference-aware resource allocation in LTE-D2D communication. , 2014, , .		54
51	Coordinated paradigm for D2D communications. , 2014, , .		7
52	Investigation on energy efficiency in HetNet CoMP architecture. , 2014, , .		7
53	Comparison of energy-efficiency in bits per joule on different downlink CoMP techniques. , 2012, , .		13
54	Energy efficient CoMP transmission in LTE-Advanced. , 2012, , .		8

#	Article	IF	Citations
55	Resource allocation for Distributed Broadband Wireless System using Manhattan scenario. , 2010, , .		0
56	System level simulation for distributed antenna system. , 2010, , .		0
57	Beyond 5G: The Role of THz Spectrum. SSRN Electronic Journal, 0, , .	0.4	19