Gangcan Sun

List of Publications by Year
in descending order

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26 papers	371 citations	840776 11 h-index	794594 19 g-index
26 all docs	26 docs citations	26 times ranked	455 citing authors

#	Article	IF	Citations
1	Robust Design for Intelligent Reflecting Surface-Assisted MIMO-OFDMA Terahertz IoT Networks. IEEE Internet of Things Journal, 2021, 8, 13052-13064.	8.7	57
2	Green Communication for NOMA-Based CRAN. IEEE Internet of Things Journal, 2019, 6, 666-678.	8.7	41
3	Energy-Efficient Resource Allocation for mmWave Massive MIMO HetNets With Wireless Backhaul. IEEE Access, 2018, 6, 2457-2471.	4.2	38
4	Resource Allocation for Intelligent Reflecting Surface Assisted Wireless Powered IoT Systems With Power Splitting. IEEE Transactions on Wireless Communications, 2022, 21, 2987-2998.	9.2	37
5	Robust Beamforming Design for IRS-Aided Secure SWIPT Terahertz Systems With Non-Linear EH Model. IEEE Wireless Communications Letters, 2022, 11, 746-750.	5.0	29
6	Hybrid Precoding Design for Wideband THz Massive MIMO-OFDM Systems With Beam Squint. IEEE Systems Journal, 2021, 15, 3925-3928.	4.6	23
7	Energy-Efficient Hybrid Precoding Design for Integrated Multicast-Unicast Millimeter Wave Communications With SWIPT. IEEE Transactions on Vehicular Technology, 2019, 68, 10956-10968.	6.3	22
8	Beamforming Design in SWIPT-Based Joint Multicast-Unicast mmWave Massive MIMO With Lens-Antenna Array. IEEE Wireless Communications Letters, 2019, 8, 1124-1128.	5.0	18
9	Edge Cache-Assisted Secure Low-Latency Millimeter-Wave Transmission. IEEE Internet of Things Journal, 2020, 7, 1815-1825.	8.7	18
10	Codebook-Based Maxâ€“Min Energy-Efficient Resource Allocation for Uplink mmWave MIMO-NOMA Systems. IEEE Transactions on Communications, 2019, 67, 8303-8314.	7.8	15
11	Resource Allocation in Multi-User Cognitive Radio Network With Stackelberg Game. IEEE Access, 2020, 8, 58260-58270.	4.2	13
12	Secrecy Rate Optimization in Nonlinear Energy Harvesting Model-Based mmWave IoT Systems With SWIPT. IEEE Systems Journal, 2022, 16, 5939-5949.	4.6	12
13	Secure Energy Efficiency Transmission for mmWave-NOMA System. IEEE Systems Journal, 2021, 15, 2226-2229.	4.6	11
14	Exact Physical Layer Security in SIMO Wiretap Channels with Antenna Correlation. , 2015, , .		8
15	Secure Millimeter Wave Cloud Radio Access Networks Relying on Microwave Multicast Fronthaul. IEEE Transactions on Communications, 2020, 68, 3079-3095.	7.8	8
16	Joint Beamforming and Power Splitting Design for C-RAN With Multicast Fronthaul. IEEE Wireless Communications Letters, 2020, 9, 571-575.	5.0	6
17	Intelligent Recommendation-Based User Plane Handover With Enhanced TCP Throughput in Ultra-Dense Cellular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 595-610.	6.3	5
18	Coordinated Hybrid Precoding Design in Millimeter Wave Fog-RAN. IEEE Systems Journal, 2020, 14, 673-676.	4.6	4

#	Article	IF	Citations
19	Machine Learning-Based Beamforming Design for Millimeter Wave IRS Communications With Discrete Phase Shifters. IEEE Wireless Communications Letters, 2022, 11, 2467-2471.	5.0	4
20	Secure Energy Efficiency for mmWave-NOMA Cognitive Satellite Terrestrial Network. IEEE Communications Letters, 2023, 27, 283-287.	4.1	2
21	Blind estimation of OFDM parameters under multipath channel. , 2011, , .		0
22	Secrecy performance of MIMO wiretap channels with Nakagami-m antenna correlation. , 2017, , .		0
23	Neural network promotes the transmission quality of remote health based on 5G technology. , 2020, , .		0
24	Downlink User Matching and Power Allocation for Multicarrier NOMA-based Remote Health System. , 2020, , .		0
25	Digital modulation classification using constellation shape reconstruction. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0
26	An Optimized Process of Multiscale Retinex Algorithm Based on Hardware System. , 2020, , .		0