Millimeter Wave Communication: A Comprehensive Su

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Citation Report

#	Article	IF	CITATIONS
1	Enhanced 3D Propagation Loss Model for mmWave Communications. , 2018, , .		0
2	Co2-Robot: A Collaborative Communication Protocol for Swarm Robots. , 2018, , .		1
3	Machine-to-Machine Communication: An Overview of Opportunities. Computer Networks, 2018, 145, 255-276.	5.1	47
4	Resource Management in Future Millimeter Wave Small-Cell Networks: Joint PHY-MAC Layer Design. IEEE Access, 2019, 7, 76910-76919.	4.2	3
5	Elevation Beamforming With Full Dimension MIMO Architectures in 5G Systems: A Tutorial. IEEE Communications Surveys and Tutorials, 2019, 21, 3238-3273.	39.4	70
6	A Survey on 5G Millimeter Wave Communications for UAV-Assisted Wireless Networks. IEEE Access, 2019, 7, 117460-117504.	4.2	221
7	mmHandover., 2019,,.		5
8	A Preliminary Security Assessment of 5G V2X. , 2019, , .		2
9	Hybrid Pre-Coding Based on Minimum SMSE Considering Insertion Loss in mmWave Communications. IEEE Transactions on Communications, 2019, 67, 8707-8724.	7.8	2
10	Joint User Association and Resource Allocation for Multi-Band Millimeter-Wave Heterogeneous Networks. IEEE Transactions on Communications, 2019, 67, 8502-8516.	7.8	30
11	E-band simplex wireless data transmission and bandwidth-dependent performance analysis based on OFDM signals. , 2019, , .		2
12	Joint Optimization on Both Routing and Resource Allocation for Millimeter Wave Cellular Networks. IEEE Access, 2019, 7, 93631-93642.	4.2	12
13	Channel Covariance Matrix Estimation via Dimension Reduction for Hybrid MIMO MmWave Communication Systems. Sensors, 2019, 19, 3368.	3.8	4
14	Joint Location and Beamforming Design for Cooperative UAVs With Limited Storage Capacity. IEEE Transactions on Communications, 2019, 67, 8112-8123.	7.8	19
15	ROD-based hybrid TH precoding and combining for mmWave large-scale MIMO systems. , 2019, 93, 102-114.		4
16	A Comprehensive Survey of RAN Architectures Toward 5G Mobile Communication System. IEEE Access, 2019, 7, 70371-70421.	4.2	197
17	Givens rotation based column-wise hybrid precoding for millimeter wave MIMO systems. , 2019, 88, 130-137.		3
18	Internet of Things (IoT) Operating Systems Management: Opportunities, Challenges, and Solution. Sensors, 2019, 19, 1793.	3.8	82

#	ARTICLE	IF	CITATIONS
19	Auction-Based Charging Scheduling With Deep Learning Framework for Multi-Drone Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 4235-4248.	6.3	96
20	Optimized Combination of Local Beams for Wireless Sensor Networks. Sensors, 2019, 19, 633.	3.8	1
21	Determination of Near Field Path Loss in Millimeter Wave Spectrum. , 2019, , .		2
23	Energy-Efficient Link Scheduling with Load Constraints in Dual-Hop 60GHz Wireless Networks. , 2019, , .		1
24	SIW-fed Multilayer High-gain Antenna for Q-band Applications. , 2019, , .		0
25	Millimeter-Wave Integrated Silicon Devices: Active versus Passive — The Eternal Struggle Between Good and Evil : (Invited Paper). , 2019, , .		5
26	A Statistical Performance Analysis of Named Data Ultra Dense Networks. Applied Sciences (Switzerland), 2019, 9, 3714.	2.5	3
27	Statistical mmWave Channel Modeling and Characterization in Indoor Airport Environments. , 2019, , .		3
28	Energy-Efficiency in Cache-Enabled mmWave Cellular Networks. , 2019, , .		0
29	Power Delay Profile Characteristics of Intra Train Millimeter Wave Statistical Channel Modelling for 5G Networks. , 2019, , .		2
30	Indoor mmWave Statistical Channel Model at V-Band for 5G Networks. , 2019, , .		3
31	MmWave UAV Networks With Multi-Cell Association: Performance Limit and Optimization. IEEE Journal on Selected Areas in Communications, 2019, 37, 2814-2831.	14.0	26
32	Multi-User MAC Protocol for WLANs in MmWave Massive MIMO Systems With Mobile Edge Computing. IEEE Access, 2019, 7, 181242-181256.	4.2	8
33	Hierarchical Multi-Beam Search Based ChannelEstimation for Millimeter-Wave Massive MIMO Systems. IEEE Access, 2019, 7, 180684-180699.	4.2	3
34	Design of a Substrate Integrated Half Mode Coaxial Cavity Filter with Multiple Transmission Zeros. , 2019, , .		5
35	Ultra-Low Latency (ULL) Networks: The IEEE TSN and IETF DetNet Standards and Related 5G ULL Research. IEEE Communications Surveys and Tutorials, 2019, 21, 88-145.	39.4	380
36	Optical Mobile Communications: Principles, Implementation, and Performance Analysis. IEEE Transactions on Vehicular Technology, 2019, 68, 471-482.	6.3	23
37	RoF-Based Radio Access Network for 5G Mobile Communication Systems in 28 GHz Millimeter-Wave. Journal of Lightwave Technology, 2020, 38, 409-420.	4.6	60

#	Article	IF	CITATIONS
38	Providing overlay-based multicast in data center networks with optional millimeter wavelength links. Telecommunication Systems, 2020, 73, 95-104.	2.5	2
39	Semiâ€distributed resource management for underlay D2D communication with user's cooperation. International Journal of Communication Systems, 2020, 33, e4243.	2.5	3
40	QoS-Oriented joint optimization of resource allocation and concurrent scheduling in 5G millimeter-wave network. Computer Networks, 2020, 166, 106979.	5.1	13
41	Impact of Thermal-Induced Turbulent Distribution Along FSO Link on Transmission of Photonically Generated mmW Signals in the Frequency Range 26–40 GHz. IEEE Photonics Journal, 2020, 12, 1-9.	2.0	15
42	Massive MIMO-NOMA Networks With Successive Sub-Array Activation. IEEE Transactions on Wireless Communications, 2020, 19, 1622-1635.	9.2	8
43	Fast Learning for Dynamic Resource Allocation in Al-Enabled Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 95-110.	7.9	22
44	Fast 3D Beamforming Technique for Millimeter-Wave Cellular Systems With Uniform Planar Arrays. IEEE Access, 2020, 8, 123469-123482.	4.2	6
45	On the Potential Benefits of Mobile Access Points in mmWave Wireless LANs., 2020,,.		3
46	Hover or Perch: Comparing Capacity of Airborne and Landed Millimeter-Wave UAV Cells. IEEE Wireless Communications Letters, 2020, 9, 2059-2063.	5.0	12
47	Optimal Beam Separation in Auxiliary Beam Pair-based Initial Access in mmWave D2D Networks. , 2020, , .		1
48	Channel Estimation Techniques for Millimeter-Wave Communication Systems: Achievements and Challenges. IEEE Open Journal of the Communications Society, 2020, 1, 1336-1363.	6.9	53
49	Performance Analysis of Cellular Downlink With Fluctuating Two-Ray Channels Under Inter-Cell Interference. IEEE Transactions on Vehicular Technology, 2020, 69, 13437-13449.	6.3	8
50	Machine Learning Assisted Adaptive Index Modulation for mmWave Communications. IEEE Open Journal of the Communications Society, 2020, 1, 1425-1441.	6.9	15
51	A Prospective Look: Key Enabling Technologies, Applications and Open Research Topics in 6G Networks. IEEE Access, 2020, 8, 174792-174820.	4.2	192
52	FlyTera: Echo State Learning for Joint Access and Flight Control in THz-enabled Drone Networks. , 2020, , .		13
53	Multi-UAV Assisted Multi-Tier Millimeter-Wave Cellular Networks for Hotspots With 2-Tier and 4-Tier Network Association. IEEE Access, 2020, 8, 158972-158995.	4.2	12
54	Energyâ€efficient Link Scheduling in Timeâ€variant Dualâ€Hop 60GHz Wireless Networks. Concurrency Computation Practice and Experience, 2020, 32, e5903.	2.2	4
55	Performance Analysis of Millimeter-Wave UAV Swarm Networks under Blockage Effects. Sensors, 2020, 20, 4593.	3.8	8

#	Article	IF	CITATIONS
56	On the Physical Layer Security of Millimeter Wave NOMA Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 11697-11711.	6.3	19
57	Capacity Aware Resource Allocation in Millimeter Wave Micro Urban Communication Network. , 2020,		0
58	MAC Protocols for Terahertz Communication: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 2236-2282.	39.4	75
59	Robust Access Point Deployment and Adaptive User Assignment for Indoor Millimeter Wave Networks. , 2020, , .		3
60	Beam Learning in MmWave/THz-Band Drone Networks Under In-Flight Mobility Uncertainties. IEEE Transactions on Mobile Computing, 2022, 21, 1945-1957.	5.8	13
61	Performance Analysis of Millimeter-Wave Based Device-to-Device Communications System., 2020,,.		1
62	Low Complexity Channel Estimation for mmWave Hybrid MIMO Systems. , 2020, , .		2
63	Millimeter Wave Spatial Channel Characterization for Vehicular Communications. Proceedings (mdpi), 2020, 42, 64.	0.2	3
64	Exploring Uplink Achievable Rate for HPO MIMO Through Quasi-Monte Carlo and Variance Reduction Techniques. IEEE Access, 2020, 8, 75874-75883.	4.2	2
65	Millimeter-Wave Communication for Internet of Vehicles: Status, Challenges, and Perspectives. IEEE Internet of Things Journal, 2020, 7, 8525-8546.	8.7	124
66	Massive MIMO Systems for 5G and beyond Networksâ€"Overview, Recent Trends, Challenges, and Future Research Direction. Sensors, 2020, 20, 2753.	3.8	260
68	Blockchain for 5G and beyond networks: A state of the art survey. Journal of Network and Computer Applications, 2020, 166, 102693.	9.1	239
69	Trajectory Prediction and Channel Monitoring Aided Fast Beam Tracking Scheme at Unlicensed mmWave Bands. Electronics (Switzerland), 2020, 9, 747.	3.1	2
70	Communication-Efficient Multimodal Split Learning for mmWave Received Power Prediction. IEEE Communications Letters, 2020, 24, 1284-1288.	4.1	35
71	A Comprehensive Survey on Millimeter Wave Communications for Fifth-Generation Wireless Networks: Feasibility and Challenges. IEEE Access, 2020, 8, 62367-62414.	4.2	244
72	Learning to Predict the Mobility of Users in Mobile mmWave Networks. IEEE Wireless Communications, 2020, 27, 124-131.	9.0	19
73	Wireless AI in Smart Car: How Smart a Car Can Be?. IEEE Access, 2020, 8, 55091-55112.	4.2	32
74	Spectral Efficiency of Multi-Hop Millimeter Wave Networks Using \$N^{m th}\$ Best Relay Routing Technique. IEEE Transactions on Vehicular Technology, 2020, 69, 9951-9959.	6.3	14

#	Article	IF	CITATIONS
75	Collision Prevention Algorithm for Fishing Vessels Using mmWAVE Communication. Journal of Marine Science and Engineering, 2020, 8, 115.	2.6	9
76	Hybrid precoding based on adaptive RF-chain-to-antenna connection for millimeter wave MIMO systems. Physical Communication, 2020, 39, 100997.	2.1	6
77	Hybrid Beamforming for Multi-User Millimeter-Wave Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 2943-2956.	6.3	27
78	Optimal Channel Equalizer for mmWave Massive MIMO Using 1-bit ADCs in Frequency-Selective Channels. IEEE Communications Letters, 2020, 24, 882-885.	4.1	3
79	An Innovative Machine-Learning-Based Scheduling Solution for Improving Live UHD Video Streaming Quality in Highly Dynamic Network Environments. IEEE Transactions on Broadcasting, 2021, 67, 212-224.	3.2	26
80	QoS-oriented joint optimization of concurrent scheduling and power control in millimeter wave mesh backhaul network. Journal of Network and Computer Applications, 2021, 174, 102891.	9.1	4
81	Optimum Downlink Beamwidth Estimation in mmWave Communications. IEEE Transactions on Communications, 2021, 69, 544-557.	7.8	12
82	Learning-Based Hybrid Beamforming Design for Full-Duplex Millimeter Wave Systems. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 120-132.	7.9	20
83	Volumetric Estimation of Non-structured Heterogeneous Waste. Advances in Intelligent Systems and Computing, 2021, , 329-341.	0.6	0
84	Uplink Coverage in Heterogeneous mmWave Cellular Networks With Clustered Users. IEEE Access, 2021, 9, 69439-69455.	4.2	3
86	Optimum Averaging of Superimposed Training Schemes in OFDM Under Realistic Time-Variant Channels. IEEE Access, 2021, 9, 115620-115631.	4.2	3
87	Broadband Dual-Polarized Endfire Array With Compact Magneto-Electric Planar Yagi Antenna for mm-Wave Terminals. IEEE Access, 2021, 9, 52708-52717.	4.2	12
88	Investigation of Adaptive Beam-forming Algorithms for Smart Antennas System. IOP Conference Series: Materials Science and Engineering, 2021, 1033, 012015.	0.6	3
89	Emerging Drone Trends for Blockchain-Based 5G Networks: Open Issues and Future Perspectives. IEEE Network, 2021, 35, 38-43.	6.9	24
90	The Road Towards 6G: A Comprehensive Survey. IEEE Open Journal of the Communications Society, 2021, 2, 334-366.	6.9	580
91	Survey on Aerial Radio Access Networks: Toward a Comprehensive 6G Access Infrastructure. IEEE Communications Surveys and Tutorials, 2021, 23, 1193-1225.	39.4	123
92	A Joint Optimization Framework for Network Deployment and Adaptive User Assignment in Indoor Millimeter Wave Networks. IEEE Transactions on Wireless Communications, 2021, 20, 7538-7554.	9.2	3
93	Propagation Models in Vehicular Communications. IEEE Access, 2021, 9, 15902-15913.	4.2	5

#	ARTICLE	IF	CITATIONS
94	Emulating UAV Motion by Utilizing Robotic Arm for mmWave Wireless Channel Characterization. IEEE Transactions on Antennas and Propagation, 2021, 69, 6691-6701.	5.1	8
95	Beamwidth Optimization for Millimeter-Wave V2V Communication Between Neighbor Vehicles in Highway Scenarios. IEEE Access, 2021, 9, 4335-4350.	4.2	15
96	A Comprehensive Review on Millimeter Waves Applications and Antennas. Journal of Physics: Conference Series, 2021, 1804, 012205.	0.4	22
97	A Novel High-Isolation Resistor-Less Millimeter-Wave Power Divider Based on Metamaterial Structures for 5G Applications. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 294-301.	2.5	13
98	Indoor Detection and Tracking of People Using mmWave Sensor. Journal of Sensors, 2021, 2021, 1-14.	1.1	19
99	Dual-band substrate integrate waveguide slot antenna for 5G applications. IOP Conference Series: Materials Science and Engineering, 2021, 1051, 012031.	0.6	2
100	RIS-Assisted mmWave Channel Estimation Using Convolutional Neural Networks., 2021,,.		13
101	Evaluation of Power Receiving Signal of 5G Small Cells for Outdoor/Indoor Environment at Millimeterwave Bands. Applied Computational Electromagnetics Society Journal, 2021, 36, 184-189.	0.4	2
102	Design and Implementation for Deep Learning Based Adjustable Beamforming Training for Millimeter Wave Communication Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 2413-2427.	6.3	15
103	Federated Channel-Beam Mapping: from sub-6GHz to mmWave. , 2021, , .		3
104	Power control scheme for deviceâ€toâ€device communication using uplink channel in 5G mmâ€Wave network. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	11
105	Wi-Fi Assisted Contextual Multi-Armed Bandit for Neighbor Discovery and Selection in Millimeter Wave Device to Device Communications. Sensors, 2021, 21, 2835.	3.8	15
106	Sum-rate Maximization in NOMA-based mmWave Analog Beamforming under Imperfect CSI., 2021,,.		4
107	Congestion Control Techniques in 5G mm Wave Networks: A review. , 2021, , .		4
108	A Review of Antenna Array Technologies for Point-to-Point and Point-to-Multipoint Wireless Communications at Millimeter-Wave Frequencies. International Journal of Antennas and Propagation, 2021, 2021, 1-18.	1.2	33
109	A Surface-Wave fed Directional Dielectric Resonator Antenna for mmW Power Line Communications. , 2021, , .		0
110	Millimeter-Wave Reflector Based on a Ferroelectric Material with Electrical Beam Steering. Crystals, 2021, 11, 585.	2.2	3
111	Optimal BS Deployment and User Association for 5G Millimeter Wave Communication Networks. IEEE Transactions on Wireless Communications, 2021, 20, 2776-2791.	9.2	13

#	Article	IF	Citations
112	De-embedding Motion Artifacts from Robotic Arm Assisted Propagation Measurements., 2021,,.		O
113	Millimeter Wave Sensing: A Review of Application Pipelines and Building Blocks. IEEE Sensors Journal, 2021, 21, 10332-10368.	4.7	26
114	Communication-Efficient and Distributed Learning Over Wireless Networks: Principles and Applications. Proceedings of the IEEE, 2021, 109, 796-819.	21.3	100
115	Simulated annealing-based beam management for 5G vehicular networks. , 2021, , .		1
116	Efficient allotment of resources in heterogeneous communication. Wireless Networks, 2021, 27, 3761-3783.	3.0	5
117	INVESTIGATION OF A MILLIMETER-WAVE RADIO LINK CHARACTERISTICS OF IEEE 802.11AD STANDARD IN URBAN AREAS. Information and Telecommunication Sciences, 2021, , 5-11.	0.2	0
118	Chaos and Hyperchaos in a Ka-Band Gyrotron. IEEE Electron Device Letters, 2021, 42, 1073-1076.	3.9	8
119	Machine Learning-Based 5G-and-Beyond Channel Estimation for MIMO-OFDM Communication Systems. Sensors, 2021, 21, 4861.	3.8	54
120	Survey of Millimeter-Wave Propagation Measurements and Models in Indoor Environments. Electronics (Switzerland), 2021, 10, 1653.	3.1	28
121	Opportunistic Sensing Using mmWave Communication Signals: A Subspace Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4420-4434.	9.2	12
122	Deployment of Clustered-Based Small Cells in Interference-Limited Dense Scenarios: Analysis, Design, and Trade-Offs. Wireless Communications and Mobile Computing, 2021, 2021, 1-15.	1.2	0
123	Multiple input multiple output (MIMO) and fifth generation (5G): an indispensable technology for sub-6 GHz and millimeter wave future generation mobile terminal applications. International Journal of Microwave and Wireless Technologies, 2022, 14, 932-948.	1.9	16
124	Optimal Beam Association for High Mobility mmWave Vehicular Networks: Lightweight Parallel Reinforcement Learning Approach. IEEE Transactions on Communications, 2021, 69, 5948-5961.	7.8	8
126	Blockage tolerance in roadside millimeter-wave backhaul networks. Computer Networks, 2021, 198, 108377.	5.1	0
127	Resource allocation trends for ultra dense networks in 5G and beyond networks: A classification and comprehensive survey. Physical Communication, 2021, 48, 101415.	2.1	25
128	A Survey of Millimeter-Wave Communication: Physical-Layer Technology Specifications and Enabling Transmission Technologies. Proceedings of the IEEE, 2021, 109, 1666-1705.	21.3	41
129	Secrecy rate maximization in multi-IRS mmWave networks. Physical Communication, 2021, 48, 101436.	2.1	6
130	Aperture-Shared Millimeter-Wave/Sub-6 GHz Dual-Band Antenna Hybridizing Fabry–Pérot Cavity and Fresnel Zone Plate. IEEE Transactions on Antennas and Propagation, 2021, 69, 8170-8181.	5.1	25

#	Article	IF	CITATIONS
131	Secure Millimeter-Wave Ad Hoc Communications Using Physical Layer Security. IEEE Transactions on Information Forensics and Security, 2022, 17, 99-114.	6.9	18
132	MmWave massive MIMO small cells for 5G and beyond mobile networks: An overview. , 2020, , .		11
133	Optimal Access Point Placement for Multi-AP mmWave WLANs., 2019,,.		12
134	Millimeter-Wave Concurrent Beamforming: A Multi-Player Multi-Armed Bandit Approach. Computers, Materials and Continua, 2020, 65, 1987-2007.	1.9	14
135	Precoder and Combiner Optimization in mmWave Hybrid Beamforming Systems., 2021,, 231-244.		0
136	Millimetre wave coarse beamforming using outband subâ $\in\!\!6\hat{A}$ GHz reconfigurable antennas. IET Communications, 0, , .	2.2	0
137	Deep reinforcement learning-based resource allocation for D2D communications in heterogeneous cellular networks. Digital Communications and Networks, 2022, 8, 834-842.	5.0	12
138	A multiband metamaterial absorber for GHz and THz simultaneously. Results in Physics, 2021, 30, 104893.	4.1	25
139	A Statistical mmWave Channel Modeling for Railway Communications Backhaul in 5G Networks. , 2019, , .		1
141	Multiagent Multi-Armed Bandit Techniques for Millimeter Wave Concurrent Beamforming. , 2020, , .		5
142	Wideband Metamaterial Substrate Integrated Waveguide Antenna for Millimeterwave Applications. , 2020, , .		0
143	Optimal Beam Association in mmWave Vehicular Networks with Parallel Reinforcement Learning. , 2020, , .		0
144	Directivity in RF Sensor Networks for Widespread Spectrum Monitoring. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 778-792.	7.9	3
145	Outage analysis of mmWave-NOMA transmission in the presence of LOS and NLOS paths. Future Generation Computer Systems, 2022, 128, 88-101.	7.5	1
146	A Survey on Millimeter-Wave Beamforming Enabled UAV Communications and Networking. IEEE Communications Surveys and Tutorials, 2022, 24, 557-610.	39.4	135
147	Review in FBMC to Enhance the Performance of 5G Networks. Journal of Communications, 2020, , 415-426.	1.6	5
148	Reducing the Cost of Consistency: Performance Improvements in Next Generation Cellular Networks with Optimal Resource Reallocation. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	4
149	Maximizing Line-of-Sight Coverage for mmWave Wireless LANs With Multiple Access Points. IEEE/ACM Transactions on Networking, 2022, 30, 698-716.	3.8	3

#	Article	IF	CITATIONS
150	Results of Large-Scale Propagation Models in Campus Corridor at 3.7 and 28 GHz. Sensors, 2021, 21, 7747.	3.8	14
151	Hybrid RF/VLC Systems: A Comprehensive Survey on Network Topologies, Performance Analyses, Applications, and Future Directions. IEEE Access, 2021, 9, 160402-160436.	4.2	41
152	Joint Communication and Control for mmWave/THz Beam Alignment in V2X Networks. IEEE Internet of Things Journal, 2022, 9, 11203-11213.	8.7	13
153	ESN Reinforcement Learning for Spectrum and Flight Control in THz-Enabled Drone Networks. IEEE/ACM Transactions on Networking, 2022, 30, 782-795.	3.8	4
154	Multi-UAV Aided Millimeter-Wave Networks: Positioning, Clustering, and Beamforming. IEEE Transactions on Wireless Communications, 2022, 21, 4637-4653.	9.2	8
155	Service Level Agreements for 5G-Enabled Healthcare Systems: Challenges and Considerations. IEEE Network, 2022, 36, 181-188.	6.9	3
156	Broadband and High-Capacity Silicon Photonics Single-Sideband Modulator. Journal of Lightwave Technology, 2022, 40, 538-546.	4.6	6
157	Uplink Performance of MmWave-Fronthaul Cell-Free Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 1536-1548.	6.3	14
158	SNR Optimization for LEO Satellite at Sub-THz Frequencies. IEEE Transactions on Antennas and Propagation, 2022, 70, 4449-4458.	5.1	12
159	A Case for Temperature-Aware Scheduler for Millimeter-Wave Devices and Networks. , 2020, , .		1
160	Coverage Analysis of Cooperative mmWave Cellular Communication for Multimedia Services., 2020,,.		0
161	Analysis of Blockage Impact on Handover Rate for User with Mobility in 5G mm-Wave Cellular Network. , 2020, , .		1
162	Fast Beamforming Technique for Large Antenna Arrays. , 2020, , .		0
163	Blockage Robustness in Access Point Association for mmWave Wireless LANs with Mobility. , 2020, , .		2
164	Performance Analysis of OFDM Channel Estimation Under IQ Imbalance. Lecture Notes in Electrical Engineering, 2022, , 805-822.	0.4	0
165	Energy Efficient Precoder Design and Power Allocation for a Low Complexity mmWave System. , 2021, , .		0
166	A Comparative Study on Centralized MAC Protocols for 60 GHz mmWave Communications., 2021,,.		2
167	Performance Evaluation of MillimeterWave-Massive MIMO with Beamforming Techniques. , 2021, , .		2

#	Article	IF	CITATIONS
168	Visual Communication Design Based on Collaborative Wireless Communication Video Transmission. Journal of Sensors, 2022, 2022, 1-11.	1.1	1
169	Power consumption analysis of access network in 5G mobile communication infrastructures — An analytical quantification model. Pervasive and Mobile Computing, 2022, 80, 101544.	3.3	16
170	Precoding and Beamforming Techniques in mmWave-Massive MIMO: Performance Assessment. IEEE Access, 2022, 10, 16365-16387.	4.2	20
171	Modeling and Analysis of Edge Caching for 6G mmWave Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7422-7434.	8.0	9
172	Jamming Attacks and Anti-Jamming Strategies in Wireless Networks: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2022, 24, 767-809.	39.4	121
173	Secure Active and Passive Beamforming in IRS-Aided MIMO Systems. IEEE Transactions on Information Forensics and Security, 2022, 17, 1300-1315.	6.9	14
174	RIS-Assisted Communication Radar Coexistence: Joint Beamforming Design and Analysis. IEEE Journal on Selected Areas in Communications, 2022, 40, 2131-2145.	14.0	45
175	Integrated Scheduling of Sensing, Communication, and Control for mmWave/THz Communications in Cellular Connected UAV Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 2103-2113.	14.0	51
176	Enhanced Paging Monitoring for 5G and Beyond 5G Networks. IEEE Access, 2022, 10, 27197-27210.	4.2	6
177	Proportional Fair Scheduling for Downlink mmWave Multi-User MISO-NOMA Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 6308-6321.	6.3	8
178	A Holistic Assessment of Directional Deafness in mmWave-Based Distributed 3D Networks. IEEE Transactions on Wireless Communications, 2022, 21, 7491-7505.	9.2	5
179	Millimeter-Wave Smart Antenna Solutions for URLLC in Industry 4.0 and Beyond. Sensors, 2022, 22, 2688.	3.8	17
180	Internet of vehicles: concept, process, security aspects and solutions. Multimedia Tools and Applications, 2022, 81, 16563-16587.	3.9	17
181	Performance Analysis of NOMA under Power Control Mechanism. , 2021, , .		6
182	Design Of A Compact Ultra-Wideband Microstrip Antenna for Millimeter-Wave Communication. , 2021, , .		3
183	Joint Active and Passive Secure Precoding in IRS-Aided MIMO Systems. , 2021, , .		1
184	Joint Sensing, Control, and Communication Scheduling for THz Beam Alignment in Cellular Connected UAV Networks (Invited Paper)., 2021,,.		2
185	Ultra-Wideband Narrow Wall Waveguide-to-Microstrip Transition Using Overlapped Patches. Sensors, 2022, 29, 2964.	3.8	2

#	Article	IF	CITATIONS
186	Non Orthogonal Multiple Access Requirements for 5G and Its Myths., 2022,,.		7
187	Cross-Layer Optimization Spatial Multi-Channel Directional Neighbor Discovery with Random Reply in mmWave FANET. Electronics (Switzerland), 2022, 11, 1566.	3.1	4
188	Robust Resource Allocation for Indoor Self-Blockage Millimeter Wave Device-to-Device Communications. IEEE Open Journal of the Communications Society, 2022, 3, 902-911.	6.9	1
189	LiDAR-Aided Mobile Blockage Prediction in Real-World Millimeter Wave Systems. , 2022, , .		11
190	A Review of Millimeter Wave Device-Based Localization and Device-Free Sensing Technologies and Applications. IEEE Communications Surveys and Tutorials, 2022, 24, 1708-1749.	39.4	24
191	A Novel Mining Approach for Data Analysis and Processing Using Unmanned Aerial Vehicles. Complexity, 2022, 2022, 1-10.	1.6	0
192	MAC Protocols for mmWave Communication: A Comparative Survey. Sensors, 2022, 22, 3853.	3.8	7
193	Computation Efficiency Optimization for RIS-Assisted Millimeter-Wave Mobile Edge Computing Systems. IEEE Transactions on Communications, 2022, 70, 5528-5542.	7.8	6
194	Finite-Resolution Digital Beamforming for Multi-User Millimeter-Wave Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 9647-9662.	6.3	4
195	Beamforming Optimization for IRS-Assisted mmWave V2I Communication Systems via Reinforcement Learning. IEEE Access, 2022, 10, 60521-60533.	4.2	6
196	Compound GRIN Fanbeam Lens Antenna With Wideband Wide-Angle Beam-Scanning. IEEE Transactions on Antennas and Propagation, 2022, 70, 7501-7512.	5.1	4
197	Energy-Constrained UAV Flight Scheduling for IoT Data Collection With 60 GHz Communication. IEEE Transactions on Vehicular Technology, 2022, 71, 10991-11005.	6.3	O
198	An analytical model for the directional hybrid MAC protocol in the IEEE 802.15.3c. Ad Hoc Networks, 2022, 134, 102921.	5.5	1
199	URLLC and eMBB in 5G Industrial IoT: A Survey. IEEE Open Journal of the Communications Society, 2022, 3, 1134-1163.	6.9	33
200	Development and Analysis of Distributed Algorithm for Hybrid Multiple Access Based User Association. , 2022, , .		1
201	Beam Design for Energy-Efficient Wireless Coverage of 5G mmWave Networks. , 2022, , .		O
202	Joint Design of Power Allocation, Beamforming, and Positioning for Energy-Efficient UAV-Aided Multiuser Millimeter-Wave Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 2930-2945.	14.0	4
203	Time-Varying Channel Estimation Scheme for Uplink MU-MIMO in 6G Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 11820-11831.	6.3	4

#	Article	IF	Citations
204	Millimeter Wave-based Fronthaul Network for Cell-free Massive MIMO., 2022,,.		1
205	Demystifying Resource Allocation Policies in Operational 5G mmWave Networks. , 2022, , .		3
206	A Systematic Review on 5G Massive MIMO Antennas. IRO Journal on Sustainable Wireless Systems, 2022, 4, 90-101.	1.6	2
207	A low-profile, high gain, dual-port, planar array antenna for mm-wave powered 5G IoT systems. AEU - International Journal of Electronics and Communications, 2022, 155, 154354.	2.9	9
208	Optical Generation and Transmission of mmWave Signals in 5G ERA: Experimental Evaluation Paradigm. IEEE Photonics Technology Letters, 2022, 34, 1011-1014.	2.5	2
209	Adaptive Codebook-Based Channel Estimation in OFDM-Aided Hybrid Beamforming mmWave Systems. IEEE Open Journal of the Communications Society, 2022, 3, 1553-1562.	6.9	2
210	Bidirectional Long Short-Term Memory-Based Channel Estimation for Vehicular Communication. SSRN Electronic Journal, 0, , .	0.4	0
211	SINR Meta Distribution for mmWave Heterogeneous Networks under Varying Queue Status: A Spatio-Temporal Analysis. IEEE Transactions on Vehicular Technology, 2022, , 1-18.	6.3	0
212	Unmanned Aerial Vehicle Communications for Civil Applications: A Review. IEEE Access, 2022, 10, 102492-102531.	4.2	22
213	Robust Transmission Scheduling for UAV-Assisted Millimeter-Wave Train-Ground Communication System. IEEE Transactions on Vehicular Technology, 2022, 71, 11741-11755.	6.3	5
214	Survey of Interoperability Challenges in the Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 22838-22861.	8.0	7
215	Evolution of Millimeter-Wave Silicon Technology. Lecture Notes in Electrical Engineering, 2022, , 1-15.	0.4	1
216	A Machine Learning Adaptive Beamforming Framework for 5G Millimeter Wave Massive MIMO Multicellular Networks. IEEE Access, 2022, 10, 91597-91609.	4.2	9
217	K-Means Cluster-Based Interference Alignment With Adam Optimizer in Convolutional Neural Networks. International Journal of Information Security and Privacy, 2022, 16, 1-18.	0.8	3
218	Parametric Approximation to Optimal Averaging in Superimposed Training Schemes under Realistic Time-Variant Channels., 2022,,.		1
219	Intelligent Reflecting Surface-Aided Centralized Scheduling for mmWave V2V Networks., 2022,,.		2
220	Path Loss Investigation in Hall Environment at Centimeter and Millimeter-Wave Bands. Sensors, 2022, 22, 6593.	3.8	3
221	Sensing matrix design for wideband channel estimation in millimeterâ€wave hybrid multipleâ€input multipleâ€output system. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	2

#	Article	IF	CITATIONS
222	Average BER Performance Estimation of Relayed THz Links with Losses, Molecular Attenuation, Adverse Weather Conditions, Turbulence and Generalized Pointing Errors. Photonics, 2022, 9, 671.	2.0	3
223	Genetic algorithms for the design of planar THz antenna. Journal of Applied Physics, 2022, 132, 164502.	2.5	O
224	Joint deployment, beamforming and power allocation of MmWave full-duplex UAV-BS. , 2022, , .		1
225	Deep learning assisted time-varying channel estimation in multi-user mmWave hybrid MIMO systems. Physical Communication, 2022, , 101933.	2.1	O
226	High-Power and High-Speed Ge/Si Traveling-Wave Photodetector Optimized by Genetic Algorithm. Journal of Lightwave Technology, 2023, 41, 240-248.	4.6	4
227	Energy Efficient Resource Allocation for Uplink RIS-Aided Millimeter-Wave Networks With NOMA. IEEE Transactions on Mobile Computing, 2024, 23, 423-436.	5.8	0
228	Evolution of Short-Range Optical Wireless Communications. Journal of Lightwave Technology, 2023, 41, 1019-1040.	4.6	14
229	A SISO Y-Shape 5G Antenna for Intelligent Transportation Systems. , 2022, , .		O
231	A novel power consumption optimization framework in 5G heterogeneous networks. Computer Networks, 2023, 220, 109487.	5.1	2
232	On-Body NLoS Radio Channel at Millimeter-Wave Frequencies. IEEE Transactions on Antennas and Propagation, 2023, 71, 1783-1792.	5.1	2
233	Optimizing Caching in a C-RAN With a Hybrid Millimeter-Wave/Microwave Fronthaul Link via Dynamic Programming. IEEE Transactions on Communications, 2023, 71, 923-934.	7.8	1
234	Array Antennas for mmWave Applications: A Comprehensive Review. IEEE Access, 2022, 10, 126728-126766.	4.2	3
235	Data-aided weight with subcarrier grouping for Adaptive Array Interference Suppression., 2022,,.		0
236	A Survey on Machine Learning Techniques for Massive MIMO Configurations: Application Areas, Performance Limitations and Future Challenges. IEEE Access, 2023, 11, 67-88.	4.2	8
237	LiDAR aided Wireless Networks - LoS Detection and Prediction based on Static Maps. , 2022, , .		0
238	Optimal Path Selection in Cascaded Intelligent Reflecting Surfaces. , 2022, , .		1
239	Cascade AOA Estimation Technique Based on The Combined Flexible Massive Array Antenna. , 2022, , .		0
240	Cascaded Channel Estimation for Distributed IRS Aided mmWave Massive MIMO Systems., 2022,,.		1

#	Article	IF	CITATIONS
241	The Design of a Multi-Band Millimeter-Wave Microstrip Antenna for 5G Applications. , 2022, , .		2
242	Fabrication of chemiresistive gas sensor with carbon materials/polymers nanocomposites. , 2023, , 205-222.		O
243	Efficient Real-Time Whitening for Blind Eigenvalue-Based Detection in mmWave Full Duplex Cognitive Radio. IEEE Transactions on Wireless Communications, 2023, 22, 6213-6226.	9.2	2
244	Ridge Gap Waveguide Beamforming Components and Antennas for Millimeter-Wave Applications. , 0, , .		1
245	Secure Beamforming in Multi-User Multi-IRS Millimeter Wave Systems. IEEE Transactions on Wireless Communications, 2023, 22, 6140-6156.	9.2	2
246	Cooperative Gigabit Content Distribution with Network Coding for mmWave Vehicular Networks. IEEE Transactions on Mobile Computing, 2023, , 1-15.	5.8	3
247	A Survey of Resource Management in D2D Communication for B5G Networks. IEEE Access, 2023, 11, 7892-7923.	4.2	9
248	A Multisurrogate-Assisted Optimization Framework for SSPP-Based mmWave Array Antenna. IEEE Transactions on Antennas and Propagation, 2023, 71, 2938-2945.	5.1	3
249	Intelligent Beam Steering for Wireless Communication Using Programmable Metasurfaces. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 4848-4861.	8.0	6
250	A Dual-Band Antenna for LTE/mmWave Mobile Terminal Applications. IEEE Transactions on Antennas and Propagation, 2023, 71, 2826-2831.	5.1	2
251	Demonstration of M-QAM OFDM bidirectional 60/25ÂGHz transmission over 10Âkm Fiber, 100Âm FSO and 2Âm radio seamless heterogeneous fronthaul link. Optical Fiber Technology, 2023, 77, 103161.	2.7	2
252	Interference elimination in IRS-enabled indoor mmw-D2D communication. , 2022, , .		O
253	Energy and Spectral Efficiencies of Cell-Free Millimeter-Wave Massive MIMO Systems Under Rain Attenuation Based on Ray Tracing Simulations. IEEE Access, 2023, 11, 26979-26995.	4.2	2
254	Backhaul Capacity-Limited Joint User Association and Power Allocation Scheme in Ultra-Dense Millimeter-Wave Networks. Entropy, 2023, 25, 409.	2.2	3
255	Resonant Beam SWIPT With Telescope and Second Harmonic. IEEE Transactions on Wireless Communications, 2023, 22, 4962-4973.	9.2	0
256	Low-Resolution Hybrid Beamforming in Millimeter-Wave Multi-User Systems. IEEE Transactions on Vehicular Technology, 2023, 72, 8941-8955.	6.3	3
257	Unsupervised Learning-Based Joint Precoding and Phase Shift Design for RIS-Assisted mmWave Communication Systems. , 2022, , .		1
258	Truthful and performance-optimal computation outsourcing for aerial surveillance platforms via learning-based auction. Computer Networks, 2023, 225, 109651.	5.1	0

#	ARTICLE	IF	CITATIONS
259	Packet-Level Throughput Analysis and Energy Efficiency Optimization for UAV-Assisted IAB Heterogeneous Cellular Networks. IEEE Transactions on Vehicular Technology, 2023, 72, 9511-9526.	6.3	2
260	Leveraging the Role of Dynamic Reconfigurable Antennas in Viewpoint of Industry 4.0 and Beyond. Research, 2023, 6, .	5.7	0
261	A Comprehensive Review on Channel Estimation Methods for Millimeter Wave MIMO Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2023, , 244-255.	0.3	2
262	Channel Estimation for Sparse mm-Wave MIMO System. Wireless Personal Communications, 2023, 129, 2123-2140.	2.7	0
263	LoS Probability Prediction forÂA2G mmWave Communications byÂUsing Ray-tracer Under Virtual Urban Scenarios. Lecture Notes in Electrical Engineering, 2023, , 356-363.	0.4	0
264	Four-Port 38 GHz MIMO Antenna with High Gain and Isolation for 5G Wireless Networks. Sensors, 2023, 23, 3557.	3.8	9
265	Effect of LiF on microwave dielectric properties of nonstoichiometric Mg2SiO4 derived using deep eutectic solvents. Journal of Materials Science: Materials in Electronics, 2023, 34, .	2.2	0
266	A Biologically Inspired Self-Organizing Underwater Sensor Network. Applied Sciences (Switzerland), 2023, 13, 4330.	2.5	0
267	Learning Audio and Video Bitrate Selection Strategies via Explicit Requirements. IEEE Transactions on Mobile Computing, 2024, 23, 2849-2863.	5.8	2
268	CNN-DPC algorithm for hybrid precoding in millimeter-wave massive MIMO systems. Wireless Networks, 0, , .	3.0	0
269	Data-Driven Spectrum Allocation and Power Control for NOMA HetNets. IEEE Transactions on Vehicular Technology, 2023, 72, 11685-11697.	6.3	2
270	A Dual-band Antenna for LTE/mm-Wave Mobile Terminal Applications., 2022,,.		0
271	Integration of Raspberry Pi and antennas for multiplexing digital signals over a fiber optical communication system. AEU - International Journal of Electronics and Communications, 2023, 167, 154686.	2.9	0
272	Multi-Scale Supervised Learning-Based Channel Estimation for RIS-Aided Communication Systems. , 2023, , .		0
273	Al-Based Approaches for Handover Optimization in 5G New Radio and 6G Wireless Networks., 2023,,.		1
274	Terahertz Meets Al: The State of the Art. Sensors, 2023, 23, 5034.	3.8	8
275	Constraints and Recent Solutions of Optical Camera Communication for Practical Applications. Photonics, 2023, 10, 608.	2.0	3
276	A Novel Constellation Modification Method for Harmonic Modulated MPSK Data Transmission in Millimeter Wave Communication. IEEE Access, 2023, 11, 55281-55296.	4.2	1

#	ARTICLE	IF	CITATIONS
277	High Performance 60 GHz Beamforming Antenna Array For 5G and Beyond Industrial Applications. , 2023, , .		O
278	Error Vector Magnitude as a Performance Standard for Antennas in the Millimeter-Wave Era: Part 1: Metric comparisons and measurement concepts. IEEE Antennas and Propagation Magazine, 2023, 65, 25-34.	1.4	1
279	How Atmospheric Attenuation affects the UAV Communication Network?., 2023,,.		0
280	Four-Dimensional (4D) Millimeter Wave-Based Sensing and Its Potential Applications in Digital Construction: A Review. Buildings, 2023, 13, 1454.	3.1	0
281	Energy optimized quorum system MAC protocol for wireless sensor networks. AIP Conference Proceedings, 2023, , .	0.4	0
282	Clustering Algorithm in Dense Millimeter Wave Heterogeneous Cellular Networks. Wireless Personal Communications, 0, , .	2.7	0
283	A Wideband and Dual-Polarized Millimeter-Wave Antenna With Single-Layered Geometry and Low Profile. IEEE Transactions on Antennas and Propagation, 2023, 71, 7603-7608.	5.1	0
284	Exploiting millimeter wave in non-orthogonal multiple access based full-duplex cooperative device-to-device communications system. Telecommunication Systems, 0, , .	2.5	0
285	Mobility Aware Path Selection forÂMillimeterwave 5G Networks inÂtheÂPresence ofÂObstacles. Communications in Computer and Information Science, 2023, , 67-80.	0.5	0
286	Improved Likelihood Probability in MIMO Systems Using One-Bit ADCs. Sensors, 2023, 23, 5542.	3.8	1
287	Identification of Indoor Radio Environment Properties from Channel Impulse Response with Machine Learning Models. Electronics (Switzerland), 2023, 12, 2746.	3.1	0
288	Indoor millimeter wave D2D communication resource optimization based on improved PMVC and CTRA algorithms. Journal of Computational Methods in Sciences and Engineering, 2023, , 1-14.	0.2	0
289	mmCPTP: A Cross-Layer Pull based Transport Protocol for 5G mmWave Networks. , 2023, , .		1
290	Neurally Augmented State Space Model for Simultaneous Communication and Tracking with Low Complexity Receivers., 2023,,.		0
291	Bayesian Channel Estimation for Intelligent Reflecting Surface-Aided mmWave Massive MIMO Systems With Semi-Passive Elements. IEEE Transactions on Wireless Communications, 2023, , 1-1.	9.2	0
292	5G Millimetre wave antenna Testing and Industrial mmWave radar sensors. , 2022, , .		0
293	Smart all-time vision: The battery-free video communication for urban administration and law enforcement. Digital Communications and Networks, 2023, 9, 1411-1420.	5.0	0
294	Wavefront Control of Millimeter Waves With a VO ₂ -Based Reconfigurable Meta-Reflectarray. IEEE Access, 2023, 11, 56509-56515.	4.2	O

#	Article	IF	CITATIONS
295	MBC-SS: A multi-band cooperative sidelink scheme for NR V2X networks. Ad Hoc Networks, 2023, 149, 103240.	5.5	0
296	Proposed congestion control algorithm for MPTCP in mmwave networks. AIP Conference Proceedings, 2023, , .	0.4	0
297	Modeling blockages and link dependency in millimeter wave communication networks using Matérn Hard-Core Point Process. Physical Communication, 2023, 60, 102131.	2.1	0
298	Transfer Reinforcement Learning for Dynamic Spectrum Environment. IEEE Transactions on Wireless Communications, 2024, 23, 1447-1458.	9.2	0
299	A Survey on Applications of Cache-Aided NOMA. IEEE Communications Surveys and Tutorials, 2023, 25, 1571-1603.	39.4	7
300	Unified Framework for Diversity and Coding Gains Over a Broad Gaussian Class of Fading Channels. IEEE Transactions on Vehicular Technology, 2023, 72, 15916-15929.	6.3	0
301	Filtering Metasurface Lens for Chip-to-Chip Communications in Multicore Multichip Systems. , 2023, , .		0
302	Feed Integration and Packaging of a Millimeter-Wave Antenna Array. IEEE Open Journal of Antennas and Propagation, 2023, 4, 724-735.	3.7	0
303	Deep Learning-Based Path Loss Prediction for Fifth-Generation New Radio Vehicle Communications. IEEE Access, 2023, 11, 75295-75310.	4.2	0
304	Multi-modal fusion for millimeter-wave communication systems: A spatio-temporal enabled approach. Neurocomputing, 2023, , 126604.	5.9	1
305	Spectrum Options and Allocations for 6G: A Regulatory and Standardization Review. IEEE Open Journal of the Communications Society, 2023, 4, 1787-1812.	6.9	7
306	Algorithms for Adaptive Beamforming in smart Antenna in 5G. , 2023, , .		1
307	Experimental Characterization of a MMW Signal Generation Approach Based on Optical Phase Modulation and Optical Filtering for Data Transmission over a Directly Modulated Laser., 2023,,.		0
308	Performance analysis of intelligent reflecting surfaceâ€assisted mobile wireless networks subjected to generalized Gaussian noise. International Journal of Communication Systems, 0, , .	2.5	0
309	Ultra Wide Band FMCW Transceiver Modules for Milimeter Wave Spectrum Analysis. , 2023, , .		0
310	Contextual Multi-Armed Bandit based Beam Allocation in mmWave V2X Communication under Blockage., 2023,,.		1
311	Multiuser hybrid precoder design using logarithmic hyperbolic filtering for millimeter wave communication systems. Wireless Networks, 0, , .	3.0	0
312	Investigation of the Effects of Atmospheric Attenuation and Frequency on MIMO Channel Capacity. Balkan Journal of Electrical and Computer Engineering, 2023, 11, 277-282.	0.6	0

#	Article	IF	CITATIONS
313	On the Effective Capacity of RIS-enabled mmWave Networks with Outdated CSI., 2023,,.		0
315	A Millimeter Wave Backscatter Network for Two-Way Communication and Localization., 2023,,.		0
316	Analysis of Eavesdropping Region in Hybrid mmWave-Microwave Wireless Systems. Wireless Communications and Mobile Computing, 2023, 2023, 1-14.	1.2	0
317	On the Use of a Directly Modulated Laser in a Phase Modulated-assisted mmW Signal Generation and Transmission Link. Journal of Lightwave Technology, 2023, , 1-9.	4.6	0
318	Optimizing Throughput and Latency of Static 5G Multicast Networks using Boltzmann Machines. , 2023, , .		0
319	LGCC: A Novel High-Throughput and Low Delay Paradigm Shift in Multi-Hop Congestion Control. IEEE/ACM Transactions on Networking, 2024, 32, 761-776.	3.8	0
320	Experimental Modeling of Short-Term Effects of Rain on Satellite Link Using Machine Learning. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-12.	4.7	1
321	Localization Techniques in Multiple-Input Multiple-Output Communication: Fundamental Principles, Challenges, and Opportunities., 0,,.		O
322	A Millimeter-Wave 51% Bandwidth High-Gain 3D-Printed Antenna Array Based on Optimized Multistage Phase Cancellation in Feed Network. IEEE Transactions on Antennas and Propagation, 2023, , 1-1.	5.1	0
323	Design and Characterization of High Gain Semicircular Slotted V-Band Printed Antenna/Array with Superstrate., 2023,,.		0
324	Programmable Millimeter-Wave MIMO Radios with Real-Time Baseband Processing. , 2023, , .		0
325	A Reflective Metalens With Tunable Focal Length for Millimeter Waves. IEEE Access, 2023, 11, 104191-104199.	4.2	0
326	Interconnected square splits ring resonator based single negative metamaterial for 5G (N258, N257,) Tj ETQq0 0 Journal, 2023, 81, 419-436.	0 0 rgBT /Ov 6.4	overlock 10 Tf 2
327	Joint Base Station and Reflector Placement in an urban mmWave Network., 2023,,.		0
328	A Millimeter Wave Triband Bandpass Filter Using Stub-Loaded Hexagonal Patch with Complementary Spiral Resonator. IETE Journal of Research, 0, , 1-9.	2.6	0
329	Downlink Performance of CF Massive MIMO with Hybrid MmWave/Microwave Fronthaul Network., 2023,,.		0
330	A New Channel Subspace Characterization for Channel Estimation in RIS-Aided Communications. , 2023,		0
331	On Energy Efficiency and Fairness Maximization in RIS-Assisted MU-MISO mmWave Communications., 2023,,.		1

#	Article	IF	CITATIONS
333	Investigation on the Utilization of Millimeter-Wave Radars for Ocean Wave Monitoring. Remote Sensing, 2023, 15, 5606.	4.0	0
334	Design and Measurements of Circularly Polarized Millimeter-Wave Phased Array Antenna Using Time Delay Transmission Lines. IEEE Access, 2023, 11, 122016-122028.	4.2	0
335	High Gain Semicircular Slotted Printed Antenna Array for 5G and Beyond Applications. , 2023, , .		0
336	A Tutorial-Cum-Survey on Percolation Theory With Applications in Large-Scale Wireless Networks. IEEE Communications Surveys and Tutorials, 2024, 26, 428-460.	39.4	0
337	An Autonomous Multi Agent Q-Learning Approach for Resource Allocation in D2D-Enabled Heterogeneous Networks. , 2023, , .		0
338	Seamless Connectivity: The Power of Integrating Power Line and Wireless Communications. IEEE Communications Surveys and Tutorials, 2024, 26, 1-40.	39.4	0
339	The Constellation Modification in Frequency Multiplication on MPSK Data Transmission. Advances in Electrical and Computer Engineering, 2023, 23, 51-60.	0.9	0
340	Multi-Source Low Redundancy Data-Aided Beam Prediction for V2I Communication. , 2023, , .		0
341	Design and Challenges on mmWave Antennas: A Comprehesive Review. E3S Web of Conferences, 2023, 465, 02067.	0.5	0
342	Low-Delay Proactive Mechanisms for Resilient Communication. , 2023, , .		0
343	Model-Free Learning of Two-Stage Beamformers for Passive IRS-Aided Network Design. IEEE Transactions on Signal Processing, 2023, , 1-16.	5.3	0
344	PGGait: Gait Recognition Based on Millimeter-Wave Radar Spatio-Temporal Sensing of Multidimensional Point Clouds. Sensors, 2024, 24, 142.	3.8	0
345	Time Domain Simulated Characterization of the Coplanar Waveguide in an On-Chip System for Millimeter Waveform Metrology. Electronics (Switzerland), 2024, 13, 145.	3.1	0
346	Design and Performance Analysis of a 38 GHz Microstrip Patch Antenna with Slits Loading for 5G Millimeter-Wave Communications. , 2023, , .		0
347	PC-SSL: Peer-Coordinated Sequential Split Learning for Intelligent Traffic Analysis in mmWave 5G Networks. , 2023, , .		0
348	Deep Learning-Based Beam Alignment and Tracking Mechanism for mmWave Aerial Base Station. Lecture Notes in Electrical Engineering, 2024, , 217-226.	0.4	0
349	Integrated sensing and communication-assisted beam rendezvous in airborne networks. Computer Communications, 2024, 216, 274-282.	5.1	1
350	A Comprehensive Survey on Millimeter Wave Antennas at 30/60/120 GHz: Design, Challenges and Applications. Wireless Personal Communications, 2023, 133, 1547-1584.	2.7	0

#	Article	IF	CITATIONS
351	Design of Leaky Wave Antenna for V2V Communications. IETE Journal of Research, 0, , 1-9.	2.6	0
352	Full W-band Photonic Frequency Hopping Generator Based on High-order Optical Frequency Multiplication. , 2023, , .		0
353	Beam prediction and tracking mechanism with enhanced LSTM for mmWave aerial base station. Wireless Networks, $0, , .$	3.0	0
354	Design and analysis of a low profile, high gain rectangular microstrip patch antenna for 28 GHz applications. Cogent Engineering, 2024, 11, .	2.2	0
355	Broadband Bowtie-based Log-periodic Array Antenna via GIPD Process for 5G mm-Wave Applications. Progress in Electromagnetics Research Letters, 2024, 118, 55-61.	0.7	0