Millimeter Wave Cellular Networks: A MAC Layer Persp

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Citation Report

#	Article	IF	CITATIONS
1	Discovery of approximate dependencies from proximity-based fuzzy databases. , 0, , .		2
2	Beam-searching and transmission scheduling in millimeter wave communications. , 2015, , .		137
3	Millimeter Wave Ad Hoc Networks: Noise-Limited or Interference-Limited?., 2015,,.		17
4	User association and the alignment-throughput tradeoff in millimeter wave networks. , 2015, , .		10
5	Directional initial access for millimeter wave cellular systems. , 2015, , .		34
6	Downlink and Uplink Cell Association With Traditional Macrocells and Millimeter Wave Small Cells. IEEE Transactions on Wireless Communications, 2016, 15, 6244-6258.	9.2	178
7	Macro Cell Assisted Cell Discovery Method for 5G Mobile Networks. , 2016, , .		6
8	An mmWave Wireless Communication and Radar Detection Integrated Network for Railways. , 2016, , .		15
9	Coverage in Heterogeneous Downlink Millimeter Wave Cellular Networks. , 2016, , .		7
10	Handover performance in 5G HetNets with millimeter wave cells. , 2016, , .		10
11	On the accuracy of interference models in wireless communications. , 2016, , .		16
12	On the Initial Access Design in Millimeter Wave Cellular Networks. , 2016, , .		19
13	The impact of beamforming and coordination on spectrum pooling in mmWave cellular networks. , 2016, , .		3
14	5G CHAMPION - Rolling out 5G in 2018. , 2016, , .		28
15	Auction Based Dynamic Distributed Association in Millimeter Wave Networks., 2016,,.		3
16	System Capacity of 72 GHz mmWave Transmission in Hybrid Networks. , 2016, , .		1
17	Energy-efficient 5G deployment in rural areas. , 2016, , .		17
18	Artificially anisotropic substrate with aperture-coupled feeding for generating circularly-polarized antenna solutions at mmWaves. , 2016 , , .		3

#	Article	IF	CITATIONS
19	Cellular Communications for Smart Grid Neighborhood Area Networks: A Survey. IEEE Access, 2016, 4, 1469-1493.	4.2	101
20	Analysis of a Frequency-Hopping Millimeter-Wave Cellular Uplink. IEEE Transactions on Wireless Communications, 2016, 15, 7089-7098.	9.2	26
21	Distributed Association and Relaying With Fairness in Millimeter Wave Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7955-7970.	9.2	35
22	Spectrum Sharing in mmWave Cellular Networks via Cell Association, Coordination, and Beamforming. IEEE Journal on Selected Areas in Communications, 2016, 34, 2902-2917.	14.0	75
23	Heterogeneous millimeter-wave/micro-wave architecture for 5G wireless access and backhauling. , 2016, , .		7
24	On the relay-fallback tradeoff in millimeter wave wireless system. , 2016, , .		13
25	Directional Radio Propagation Path Loss Models for Millimeter-Wave Wireless Networks in the 28-, 60-, and 73-GHz Bands. IEEE Transactions on Wireless Communications, 2016, 15, 6939-6947.	9.2	135
26	Multi-connectivity in 5G mmWave cellular networks. , 2016, , .		78
27	Two layers of beam alignment for millimeter-wave communications. , 2016, , .		1
28	Spectrum Pooling in MmWave Networks: Opportunities, Challenges, and Enablers. , 2016, 54, 33-39.		78
29	Initial Access in 5G mmWave Cellular Networks. , 2016, 54, 40-47.		243
30	Mitigation of rain impact on microwave backhaul networks. , 2016, , .		8
31	Initial Access in Millimeter Wave Cellular Systems. IEEE Transactions on Wireless Communications, 2016, 15, 7926-7940.	9.2	143
32	Resource sharing in 5G mmWave cellular networks. , 2016, , .		42
33	An MDP model for optimal handover decisions in mmWave cellular networks. , 2016, , .		50
34	Facing the Millimeter-Wave Cell Discovery Challenge in 5G Networks With Context-Awareness. IEEE Access, 2016, 4, 8019-8034.	4.2	27
35	Context-aware scheduling of joint millimeter wave and microwave resources for dual-mode base stations. , $2016, \ldots$		20
36	An mmWave beamforming scheme for disaster detection in high speed railway. , 2016, , .		10

#	Article	IF	CITATIONS
37	Transmit power minimization in multi-user millimeter wave systems., 2016,,.		4
38	Channel estimation in millimeter wave MIMO Systems: Sparsity enhancement via reweighting., 2016,,.		12
39	Modeling and Analyzing Millimeter Wave Cellular Systems. IEEE Transactions on Communications, 2016, , $1\text{-}1$.	7.8	486
40	Distributed association control and relaying in millimeter wave wireless networks. , 2016, , .		12
41	Design aspects of short-range millimeter-wave networks: A MAC layer perspective. IEEE Network, 2016, 30, 88-96.	6.9	49
42	Beamforming Tradeoffs for Initial UE Discovery in Millimeter-Wave MIMO Systems. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 543-559.	10.8	137
43	The Transitional Behavior of Interference in Millimeter Wave Networks and Its Impact on Medium Access Control. IEEE Transactions on Communications, 2016, 64, 723-740.	7.8	65
44	Can bodyâ€worn devices be used for measuring personal exposure to mm waves?. Bioelectromagnetics, 2017, 38, 239-242.	1.6	2
45	Smart heterogeneous networks: a 5G paradigm. Telecommunication Systems, 2017, 66, 311-330.	2.5	19
46	Performance Analysis of IEEE 802.11ad MAC Protocol. IEEE Communications Letters, 2017, 21, 1513-1516.	4.1	33
47	Exploring Spatial Focusing Effect for Spectrum Sharing and Network Association. IEEE Transactions on Wireless Communications, 2017, 16, 4216-4231.	9.2	8
48	User Association in 5G mmWave Networks. , 2017, , .		19
49	Joint Beam and Subband Resource Allocation with QoS Requirement for Millimeter Wave MIMO Systems. , 2017, , .		18
50	Pilot Precoding and Combining in Multiuser MIMO Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 1632-1648.	14.0	14
51	Beamspace SU-MIMO for Future Millimeter Wave Wireless Communications. IEEE Journal on Selected Areas in Communications, 2017, 35, 1564-1575.	14.0	62
52	Coverage in Heterogeneous Downlink Millimeter Wave Cellular Networks. IEEE Transactions on Communications, 2017, , 1 -1.	7.8	78
53	Non-Orthogonal Multiple Access for Cooperative Multicast Millimeter Wave Wireless Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 1794-1808.	14.0	45
54	Joint Millimeter Wave and Microwave Resources Allocation in Cellular Networks With Dual-Mode Base Stations. IEEE Transactions on Wireless Communications, 2017, 16, 4802-4816.	9.2	86

#	ARTICLE	IF	CITATIONS
55	Resource Allocation and Interference Management for Opportunistic Relaying in Integrated mmWave/sub-6 GHz 5G Networks., 2017, 55, 94-101.		68
56	Secure Communications in Millimeter Wave Ad Hoc Networks. IEEE Transactions on Wireless Communications, 2017, 16, 3205-3217.	9.2	133
57	Inter-BS Interference-Aware Transmission Coordination for Millimeter Wave Networks. IEEE Wireless Communications Letters, 2017, 6, 350-353.	5.0	8
58	Frame Structure Design and Analysis for Millimeter Wave Cellular Systems. IEEE Transactions on Wireless Communications, 2017, 16, 1508-1522.	9.2	61
59	Millimeter Wave Channel Measurements and Implications for PHY Layer Design. IEEE Transactions on Antennas and Propagation, 2017, 65, 6521-6533.	5.1	56
60	Joint access point deployment and assignment in mmWave networks with stochastic user orientation. , 2017, , .		12
61	Quasi-optical approach to the analysis of the energy model of millimeter wave propagation and antenna characteristics. , 2017, , .		3
62	Millimeter Wave Beam Alignment: Large Deviations Analysis and Design Insights. IEEE Journal on Selected Areas in Communications, 2017, , 1-1.	14.0	75
63	Modeling and Design of Millimeter-Wave Networks for Highway Vehicular Communication. IEEE Transactions on Vehicular Technology, 2017, 66, 10676-10691.	6.3	113
64	Fair beamwidth selection and resource allocation for indoor millimeter-wave networks., 2017,,.		11
65	On Link Scheduling in Dual-Hop 60-GHz mmWave Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 11180-11192.	6.3	19
66	Design and Analysis of Initial Access in Millimeter Wave Cellular Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6409-6425.	9.2	72
67	Overview of New Technologies for 5G Systems. , 0, , 1-24.		6
68	Millimeter Wave Communications for Future Mobile Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 1909-1935.	14.0	797
69	Dynamic Multi-Connectivity Performance in Ultra-Dense Urban mmWave Deployments. IEEE Journal on Selected Areas in Communications, 2017, 35, 2038-2055.	14.0	98
70	Beam based stochastic model of the coverage probability in 5G millimeter wave systems. , 2017, , .		7
71	Multiuser Millimeter Wave Communications With Nonorthogonal Beams. IEEE Transactions on Vehicular Technology, 2017, 66, 5675-5688.	6.3	41
72	Design and Analysis of Transmit Beamforming for Millimeter Wave Base Station Discovery. IEEE Transactions on Wireless Communications, 2017, 16, 797-811.	9.2	27

#	ARTICLE	IF	CITATIONS
73	An Overview on Resource Allocation Techniques for Multi-User MIMO Systems. IEEE Communications Surveys and Tutorials, 2017, 19, 239-284.	39.4	144
74	TCP in 5G mmWave networks: Link level retransmissions and MP-TCP. , 2017, , .		32
75	Pilot precoding and combining in multiuser MIMO networks. , 2017, , .		2
76	Improving Handover Performance in 5G mm-Wave HetNets. , 2017, , .		11
77	Non-line-of-sight channel modeling for millimeter wave mobile communications with diffracted and reflected rays. , 2017, , .		0
78	A Protocol for Link Blockage Mitigation in mm-Wave Networks. , 2017, , .		8
79	A contention-based initial beam search scheme for mmWave cellular communications. , 2017, , .		2
80	UE's trajectory assisted beam adjustment in 5G mmWave cellular network. , 2017, , .		0
81	An efficient contention-based initial access optimization for wireless network protocol., 2017,,.		0
82	Millimeter wave network coverage with stochastic user orientation. , 2017, , .		3
83	Enhancing TCP end-to-end performance in millimeter-wave communications. , 2017, , .		11
84	Beam management for millimeter wave beamspace MU-MIMO systems. , 2017, , .		4
85	Learning-Based pilot precoding and combining for wideband millimeter-wave networks. , 2017, , .		2
86	Agile management of 5G core network based on SDN/NFV technology. , 2017, , .		3
87	Accuracy comparison of propagation models for mmWave communication in NS-3., 2017, , .		8
88	Transmission strategies in multi-user millimeter wave systems. , 2017, , .		3
89	Modeling and Analysis of HetNets with mm-Wave Multi-RAT Small Cells Deployed along Roads. , 2017, , .		8
90	Cell planning for millimeter wave cellular networks. , 2017, , .		5

#	Article	IF	CITATIONS
91	milliProxy: A TCP proxy architecture for 5G mmWave cellular systems. , 2017, , .		20
92	Throughput and robustness guaranteed beam tracking for mmWave wireless networks. , 2017, , .		7
93	Approaches to the evaluation of spectral and energy efficiency millimeter wave cellular networks. , 2017, , .		0
94	Link packing in mmWave networks. , 2017, , .		7
95	Coalition game for user association and bandwidth allocation in ultra-dense mmWave networks. , 2017, , .		13
96	Managing analog beams in mmWave networks. , 2017, , .		7
97	Mobile assisted directional paging for 5G communications. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3270.	3.9	5
98	Interference Model Similarity Index and Its Applications to Millimeter-Wave Networks. IEEE Transactions on Wireless Communications, 2018, 17, 71-85.	9.2	11
99	Stable Beamforming With Low Overhead for C/U-Plane Decoupled HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6075-6086.	6.3	30
100	End-to-End Simulation of 5G mmWave Networks. IEEE Communications Surveys and Tutorials, 2018, 20, 2237-2263.	39.4	295
101	TrackMAC: An IEEE 802.11ad-compatible beam tracking-based MAC protocol for 5G millimeter-wave local area networks., 2018,,.		10
102	Agile Management and Interoperability Testing of SDN/NFV-Enriched 5G Core Networks. ETRI Journal, 2018, 40, 72-88.	2.0	7
103	On the Physical Layer Security Analysis of Hybrid Millimeter Wave Networks. IEEE Transactions on Communications, 2018, 66, 1139-1152.	7.8	54
104	Fast Cell Discovery in mm-Wave 5G Networks with Context Information. IEEE Transactions on Mobile Computing, 2018, 17, 1538-1552.	5.8	41
105	Decentralized Beam Pair Selection in Multi-Beam Millimeter-Wave Networks. IEEE Transactions on Communications, 2018, 66, 2722-2737.	7.8	79
106	Millimeter-Wave Massive MIMO Communication for Future Wireless Systems: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 836-869.	39.4	457
107	Discrete Power Control and Transmission Duration Allocation for Self-Backhauling Dense mmWave Cellular Networks. IEEE Transactions on Communications, 2018, 66, 432-447.	7.8	42
108	Cache-Aided Millimeter Wave Ad Hoc Networks With Contention-Based Content Delivery. IEEE Transactions on Communications, 2018, 66, 3540-3554.	7.8	11

#	Article	IF	CITATIONS
109	Performance Analysis of Millimeter-Wave Relaying: Impacts of Beamwidth and Self-Interference. IEEE Transactions on Communications, 2018, 66, 589-600.	7.8	43
110	Inter-Operator Base Station Coordination in Spectrum-Shared Millimeter Wave Cellular Networks. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 513-528.	7.9	23
111	Optimal Nonuniform Steady mmWave Beamforming for High-Speed Railway. IEEE Transactions on Vehicular Technology, 2018, 67, 4350-4358.	6.3	37
112	Coverage Analysis and Load Balancing in HetNets With Millimeter Wave Multi-RAT Small Cells. IEEE Transactions on Wireless Communications, 2018, 17, 3154-3169.	9.2	46
113	Moving network based on mmWave technology: a promising solution for 5G vehicular users. Wireless Networks, 2018, 24, 2409-2426.	3.0	15
114	Novel Distributed Scheduling Algorithms for mmWave Mesh Networks. Journal of Circuits, Systems and Computers, 2018, 27, 1850118.	1.5	0
115	SDN - Architectural Enabler for Reliable Communication Over Millimeter-Wave 5G Networks., 2018,,.		3
116	A Frame-Theoretic Scheme for Robust Millimeter Wave Channel Estimation. , 2018, , .		6
117	Multilink Approach for the Content Delivery in 5G Networks. , 2018, , .		9
118	Beam Detection Analysis for 5G mmWave Initial Acquisition. , 2018, , .		2
119	Fast and Reliable Initial Cell-search for mmWave Networks. , 2018, , .		1
120	An Efficient Uplink Multi-Connectivity Scheme for 5G Millimeter-Wave Control Plane Applications. IEEE Transactions on Wireless Communications, 2018, 17, 6806-6821.	9.2	43
121	Learning-based Tracking of AoAs and AoDs in mmWave Networks. , 2018, , .		6
122	Gaussian 1-2-1 Networks: Capacity Results for mmWave Communications., 2018,,.		9
123	Internet of Musical Things: Vision and Challenges. IEEE Access, 2018, 6, 61994-62017.	4.2	116
124	Manifold Optimization-based Hybrid TX/RX Precoding for FD Relay mmWave Systems. , 2018, , .		3
125	The Race to 5G Era; LTE and Wi-Fi. IEEE Access, 2018, 6, 56598-56636.	4.2	44
126	Integration of carrier aggregation and dual connectivity for the ns-3 mmWave module., 2018,,.		10

#	Article	IF	CITATIONS
127	Power Optimization Assisted Interference Management for D2D Communications in mmWave Networks. IEEE Access, 2018, 6, 50674-50682.	4.2	24
128	A Distance and Bandwidth Dependent Adaptive Modulation Scheme for THz Communications. , 2018, , .		42
129	On the Beamformed Broadcasting for Millimeter Wave Cell Discovery: Performance Analysis and Design Insight. IEEE Transactions on Wireless Communications, 2018, 17, 7620-7634.	9.2	14
130	Directional Reference Signal Design for 5G Millimeter Wave Cellular Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 10740-10751.	6.3	6
131	Revolution of Self-Organizing Network for 5G MmWave Small Cell Management: From Reactive to Proactive. IEEE Wireless Communications, 2018, 25, 66-73.	9.0	13
132	Joint Access and Fronthaul Radio Resource Allocation in PD-NOMA-Based 5G Networks Enabling Dual Connectivity and CoMP. IEEE Transactions on Communications, 2018, 66, 6463-6477.	7.8	34
133	Capacity Enhancement for mmWave Multi-Beam Satellite-Terrestrial Backhaul via Beam Sharing. , 2018, , .		6
134	Keyframe-Based Texture Mapping for RGBD Human Reconstruction. , 2018, , .		1
135	Generic Asymptotically Optimal Algorithms for Multi-Armed Bandits. , 2018, , .		0
136	Message from Dean. , 2018, , .		0
137	In-band omnidirectional initial access via Alamouti scheme in millimeter-wave cellular networks. , $2018, , .$		0
138	RF Driven 5G System Design for Centimeter Waves. Wireless Communications and Mobile Computing, 2018, 2018, 1-9.	1.2	3
139	Coverage Expansion through Dynamic Relay Vehicle Deployment in mmWave V2I Communications. , 2018, , .		5
140	Reducing initial cell-search latency in mmWave networks. , 2018, , .		10
141	Adaptive Beam-Frequency Allocation Algorithm with Position Uncertainty for Millimeter-Wave MIMO Systems., 2018,,.		16
142	Performance Evaluation of THz Wireless Systems Operating in 275-400 GHz Band., 2018,,.		32
143	Joint spatial multiplexing and transmit diversity in MIMO ad hoc networks. Ad Hoc Networks, 2018, 81, 1-16.	5 . 5	4
144	Low-Overhead Coordination in Sub-28 Millimeter-Wave Networks. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
145	Joint Access and Fronthaul Resource Allocation in Dual Connectivity and CoMP Based Networks. , 2018, , .		5
146	A Survey of Enabling Technologies for Network Localization, Tracking, and Navigation. IEEE Communications Surveys and Tutorials, 2018, 20, 3607-3644.	39.4	281
147	Users Association in Ultra Dense THz Networks. , 2018, , .		24
148	A Survey on Hybrid Beamforming Techniques in 5G: Architecture and System Model Perspectives. IEEE Communications Surveys and Tutorials, 2018, 20, 3060-3097.	39.4	456
149	Bayesian tree search for beamforming training in millimeter wave wireless communication systems. , 2018, , .		3
150	Mobility-aware fast beam training scheme for IEEE 802.11ad/ay wireless systems. , 2018, , .		6
151	Enhanced multi-user beamforming protocol for millimeter wave wireless local area networks. , 2018, , .		4
152	An Overview of 5G Technologies. , 2018, , 59-80.		3
153	A Hierarchical SDN Architecture for Ultra-Dense Millimeter-Wave Cellular Networks., 2018, 56, 79-85.		37
154	NOMA for Millimeter Wave Networks. , 2019, , 257-284.		0
155	Optimized Deployment of Millimeter Wave Networks for In-Venue Regions With Stochastic Users' Orientation. IEEE Transactions on Wireless Communications, 2019, 18, 5037-5049.	9.2	7
156	Slice Allocation and Pricing Framework for Virtualized Millimeter Wave Cellular Networks. IEEE Access, 2019, 7, 86349-86366.	4.2	4
157	User Association for Ultra-Dense mmWave Networks With Multi-Connectivity: A Multi-Label Classification Approach. IEEE Wireless Communications Letters, 2019, 8, 1579-1582.	5.0	18
158	A Multi-User-Hybrid Beamforming Scheme for Dual-Band Wireless Networks. , 2019, , .		0
159	Coverage Analysis for 2D/3D Millimeter Wave Peer-to-Peer Networks. IEEE Transactions on Wireless Communications, 2019, 18, 3613-3627.	9.2	24
160	Joint Relay-Spectrum Selection in Hybrid Millimeter-Microwave Cooperative (HMMC) Network Using Fall-Back Approach. IEEE Access, 2019, 7, 63089-63098.	4.2	1
161	Capacity Enhancement for Hotspot Area in 5G Cellular Networks Using mmWave Aerial Base Station. IEEE Wireless Communications Letters, 2019, 8, 677-680.	5 . 0	15
162	Joint User Association and Resource Allocation for Multi-Band Millimeter-Wave Heterogeneous Networks. IEEE Transactions on Communications, 2019, 67, 8502-8516.	7.8	30

#	Article	IF	CITATIONS
163	Matter effects and coherent effect of neutrinos produced from -ray bursts *. Chinese Physics C, 2019, 43, 105102.	3.7	0
164	A Novel Network Architecture for Indoor Optical Wireless Communication. , 2019, , .		6
165	MillimeTera., 2019,,.		17
166	Analysis of TCP Performance in 5G mm-Wave Mobile Networks. , 2019, , .		31
167	Low Resolution Phase Shifters Suffice for Full-Duplex mmWave Communications., 2019,,.		3
168	DBmmWave: Chance-Constrained Joint AP Deployment and Beam Steering in mmWave Networks With Coverage Probability Constraints. IEEE Networking Letters, 2019, 1, 151-155.	1.9	3
169	Analytical Performance Assessment of THz Wireless Systems. IEEE Access, 2019, 7, 11436-11453.	4.2	118
170	Adaptive Distributed Association in Time-Variant Millimeter Wave Networks. IEEE Transactions on Wireless Communications, 2019, 18, 459-472.	9.2	10
171	High-Performance Wireless Networks for Industrial Control Applications: New Targets and Feasibility. Proceedings of the IEEE, 2019, 107, 1074-1093.	21.3	79
172	Saturated Throughput Analysis of IEEE 802.11ad EDCA For High Data Rate 5G-IoT Applications. IEEE Transactions on Vehicular Technology, 2019, 68, 4774-4785.	6.3	16
173	Scaling Millimeter-Wave Networks to Dense Deployments and Dynamic Environments. Proceedings of the IEEE, 2019, 107, 732-745.	21.3	25
174	QoE Optimization Technique for Media Delivery in 5G Networks. , 2019, , .		1
175	Frame-theoretic Precoding and Beamforming Design for Robust mmWave Channel Estimation. , 2019, , .		0
176	An Efficient Predictive and Intelligent based Motion Estimation in Video Coding. , 2019, , .		0
177	Simulation and Measurement of the Vacuum Rabi Coupling g in a 3D Transmon System. , 2019, , .		0
178	Analysis of OD Standard Time in metros Based on AFC data*. , 2019, , .		1
179	Numerical Optimization and Experimental Study of Cutting Performance with Abrasive Water Jet. , 2019, , .		0
180	Effective Reduction of the Programing Pulse Width in Al: HfO2-based RRAM Arrays. , 2019, , .		0

#	Article	IF	Citations
181	MIX: A Joint Learning Framework for Detecting Both Clustered and Scattered Outliers in Mixed-Type Data. , 2019, , .		9
182	An Improved Composite JTE Termination Technique for Ultrahigh Voltage 4H-SiC Power Devices. , 2019, , .		5
183	SAM: a Similarity Measure for Link Prediction in Social Network. , 2019, , .		6
184	Not So Cute but Fuzzy: Estimating Risk of Sexual Predation in Online Conversations. , 2019, , .		8
185	Gain Improvement of a UWB Antenna Using a Single-layer FSS. , 2019, , .		7
186	Fano line shapes created in metamaterials by integrating different modes of the same symmetry in composite structures. , 2019 , , .		0
187	Optimal Handover Policy for mmWave Cellular Networks: A Multi-Armed Bandit Approach., 2019,,.		10
188	Vacuum Outgassing Study of Candidate Materials for Next Generation Pulsed Power and Accelerators: Improving the Boundary Conditions for Molecular Flow Simulations. , 2019, , .		0
190	Effects of Different Methods of Radiometric Calibration on the Use of Training Data for Supervised Classification of Landsat5/TM Images from other Dates. , 2019, , .		1
191	Power and Beam Optimization for Uplink Millimeter-Wave Hotspot Communication Systems. , 2019, , .		10
192	QoS Provisioning in 60 GHz Communications by Physical and Transport Layer Coordination. , 2019, , .		2
193	Uav-Based Polarimetric Synthetic Aperture Radar for Mine Detection. , 2019, , .		9
194	Lifelong Learning in Sensor-Based Human Activity Recognition. , 2019, , .		1
195	Applying House of Risk Analysis for Supply Chain Risk Mitigation (Case Study). , 2019, , .		2
196	Removal of Stress Hillocks from Platinum-Alumina Electrodes Used in High-temperature SAW Devices. , 2019, , .		5
197	Guest Editorial Millimeter-Wave Networking. IEEE Journal on Selected Areas in Communications, 2019, 37, 2649-2652.	14.0	3
198	Efficient Ising Model Mapping for Induced Subgraph Isomorphism Problems Using Ising Machines. , 2019, , .		8
199	SHARE AND MANAGE YOUR RESEARCH DATA. IEEE Micro, 2019, 39, 125-125.	1.8	0

#	Article	IF	CITATIONS
200	Automatic Joint Part Detection Method for Joint Space Measurement. , 2019, , .		0
201	A Method for Guiding a Person Combining Robot Movement and Projection. , 2019, , .		7
202	Design and Simulate the Modified Circuits of Switched Capacitor Filter using mentor graphics tool. , 2019, , .		0
203	Diversity as a Necessity for Sustainability in Cultural Systems: Collective Problem-Solving in Cultural Algorithms. , 2019, , .		1
204	Multi-Sensor Data Fusion for the Vessel Trim Analyzer and Optimization Platform., 2019, , .		3
205	High Precision Attitude Control of Space Maneuvering Platform Based on Model Predictive and Inversive Method*., 2019,,.		1
207	EEMF-based Sensorless control for IPMSM Drives with an Optimized Asymmetric Space Vector Modulation. , $2019, , .$		1
208	Trade-offs in Cell-free Massive MIMO Networks: Precoding, Power Allocation and Scheduling. , 2019, , .		5
209	Interactive Evolutionary Computation System Using Multiple Users' Gaze Information Considering User's Partial Evaluation Participation. , 2019, , .		1
210	Beam Acquisition and Training in Millimeter Wave Networks With Narrowband Pilots. IEEE Journal on Selected Areas in Communications, 2019, 37, 2759-2771.	14.0	9
211	Millimeter Wave Multiuser Beam Clustering and Iterative Power Allocation Schemes., 2019, , .		3
212	5G On-Demand SI Acquisition Framework and Performance Evaluation. IEEE Access, 2019, 7, 163245-163261.	4.2	4
213	Simulation Model Development for Mobile Networks' MAC-protocol Performance Estimation. , 2019, , .		1
214	An Interference Mitigation Scheme for Millimetre Wave Heterogeneous Cloud Radio Access Network with Dynamic RRH Clustering. , 2019, , .		2
215	Multilink Solution for 5G: Efficiency Experimental Studies. , 2019, , .		4
216	Software-defined Radios to Accelerate mmWave Wireless Innovation. , 2019, , .		10
217	Estimation of the Bit Error Rate (BER) for Uplink Millimeter-Wave Line-of-Sight Communications. , 2019, , .		3
218	Towards Efficient Medium Access for Millimeter-Wave Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 2786-2798.	14.0	5

#	Article	IF	CITATIONS
219	5G Mobile Communication Systems: Fundamentals, Challenges, and Key Technologies. Engergy Systems in Electrical Engineering, 2019, , 329-359.	0.7	32
220	Low-Latency Networking: Where Latency Lurks and How to Tame It. Proceedings of the IEEE, 2019, 107, 280-306.	21.3	89
221	Directional Discontinuous Reception (DDRX) for mmWave Enabled 5G Communications. IEEE Transactions on Mobile Computing, 2019, 18, 2330-2343.	5.8	33
222	Remaining bandwidth based multipath routing in 5G millimeter wave self-backhauling network. Wireless Networks, 2019, 25, 3839-3855.	3.0	3
223	On medium access control schemes for wireless networks in the millimeter-wave and Terahertz bands. Nano Communication Networks, 2019, 19, 67-80.	2.9	18
224	Smart Musical Instruments: Vision, Design Principles, and Future Directions. IEEE Access, 2019, 7, 8944-8963.	4.2	49
225	Managing Vertical Handovers in Millimeter Wave Heterogeneous Networks. IEEE Transactions on Communications, 2019, 67, 1629-1644.	7.8	40
226	Beam interference suppression in multi-cell millimeter wave communications. Digital Communications and Networks, 2019, 5, 196-202.	5.0	7
227	Beamforming Oriented Topology Control for mmWave Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1519-1531.	5.8	3
228	A survey of mmWave user association mechanisms and spectrum sharing approaches: an overview, open issues and challenges, future research trends. Wireless Networks, 2020, 26, 2487-2514.	3.0	42
229	Hybrid Analog-Digital Beamforming Design for SE and EE Maximization in Massive MIMO Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 377-389.	6.3	21
230	Evaluating the user experience of acoustic data transmission. Personal and Ubiquitous Computing, 2020, 24, 655-668.	2.8	6
231	A Deep Reinforcement Learning Based D2D Relay Selection and Power Level Allocation in mmWave Vehicular Networks. IEEE Wireless Communications Letters, 2020, 9, 416-419.	5.0	40
232	SINR Analysis and Interference Management of Macrocell Cellular Networks in Dense Urban Environments. Wireless Personal Communications, 2020, 111, 1645-1665.	2.7	4
233	MAC Aspects of Millimeter-Wave Cellular Networks. , 0, , .		1
234	Millimeter-Wave Multiantenna Ultra-dense Networks. , 2020, , 64-83.		0
235	Design and Analysis of Multi-User Association and Beam Training Schemes for Millimeter Wave Based WLANs. IEEE Transactions on Vehicular Technology, 2020, 69, 7458-7472.	6.3	8
236	Deep Reinforcement Learning for Joint Beamwidth and Power Optimization in mmWave Systems. IEEE Communications Letters, 2020, 24, 2201-2205.	4.1	19

#	Article	IF	CITATIONS
237	UAV Path Planning With QoS Constraint in Device-to-Device 5G Networks Using Particle Swarm Optimization. IEEE Access, 2020, 8, 137884-137896.	4.2	15
238	Mobility-Aware Subband and Beam Resource Allocation Schemes for Millimeter Wave Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 11893-11908.	6.3	15
239	1-bit Phase Shifters for Large-Antenna Full-Duplex mmWave Communications. IEEE Transactions on Wireless Communications, 2020, 19, 6916-6931.	9.2	19
240	BOOST: A User Association and Scheduling Framework for Beamforming mmWave Networks. IEEE Transactions on Mobile Computing, 2021, 20, 2924-2935.	5.8	4
241	Learning Optimal Sniffer Channel Assignment for Small Cell Cognitive Radio Networks., 2020,,.		4
242	Joint Scheduling and Precoding for mmWave and Sub-6GHz Dual-Mode Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 13098-13111.	6.3	9
243	Coordinated Multiple Access Point Multiuser Beamforming Training Protocol for Millimeter Wave WLANs. IEEE Transactions on Vehicular Technology, 2020, 69, 13875-13889.	6.3	6
244	Position-Aided Beam Learning for Initial Access in mmWave MIMO Cellular Networks. IEEE Systems Journal, 2022, 16, 1103-1113.	4.6	5
245	QoS-Aware UAV Coverage path planning in 5G mmWave network. Computer Networks, 2020, 175, 107207.	5.1	18
246	Stabilizing Transmission Capacity in Millimeter Wave Links by Q-Learning-Based Scheme. Mobile Information Systems, 2020, 2020, 1-17.	0.6	14
248	Positioning-Aided 3D Beamforming for Enhanced Communications in mmWave Mobile Networks. IEEE Access, 2020, 8, 55513-55525.	4.2	16
249	Privacy and Ledger Size Analysis for Healthcare Blockchain. , 2020, , .		7
250	Development of Bionic Prosthetic Arm Design and Neural Network for its Training and Management. , 2020, , .		0
252	User Association for Millimeter-Wave Networks: A Machine Learning Approach. IEEE Transactions on Communications, 2020, 68, 4162-4174.	7.8	30
253	One-Shot PIR: Refinement and Lifting. IEEE Transactions on Information Theory, 2020, 66, 2443-2455.	2.4	20
254	Cloud Based mmWave WLANs: Architectural Paradigms, Proposals and Perspectives. IEEE Wireless Communications, 2020, 27, 170-177.	9.0	4
255	Design and Optimization of a Partitional Stator Flux-Modulated Memory Machine. IEEE Transactions on Magnetics, 2020, 56, 1-5.	2.1	3
256	Reconfigurable and flexible voltage control strategy using smart PV inverters with integrated energy storage for advanced distribution systems. IET Smart Grid, 2020, 3, 22-30.	2.2	4

#	Article	IF	Citations
257	Probabilistic Health Index-Based Apparent Age Estimation for Power Transformers. IEEE Access, 2020, 8, 9692-9701.	4.2	18
258	Delay Analysis and Optimization of Beam Scanning-Based User Discovery in Millimeter Wave Systems. IEEE Access, 2020, 8, 25075-25083.	4.2	7
259	A Fast Epipolar Line Matching Method Based on 3D Spherical Panorama. IEEE Access, 2020, 8, 11754-11760.	4.2	3
260	A Fast Beam Alignment Scheme for Dual-Band HSR Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3968-3979.	6.3	24
261	A Review on Reduced Switch Count Multilevel Inverter Topologies. IEEE Access, 2020, 8, 22281-22302.	4.2	126
262	Hop-Constrained mmWave Backhaul: Maximising the Network Flow. IEEE Wireless Communications Letters, 2020, 9, 596-600.	5.0	7
263	Spectrum Sharing in mmWave Cellular Networks Using Clustering Algorithms. IEEE/ACM Transactions on Networking, 2020, 28, 1378-1390.	3.8	2
264	The thermal memory effect reduction of 5G base station power amplifier using multilevel pulse modulation. , 2020, , .		0
265	Compressed Beam Alignment with Out-of-Band Assistance in Millimeter Wave Cellular Networks. IEEE Transactions on Mobile Computing, 2021, 20, 117-129.	5.8	1
266	Learning-Based Handover in Mobile Millimeter-Wave Networks. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 663-674.	7.9	15
267	An Energy-Aware Approach for Industrial Internet of Things in 5G Pervasive Edge Computing Environment. IEEE Transactions on Industrial Informatics, 2021, 17, 5087-5097.	11.3	14
268	Optimum Downlink Beamwidth Estimation in mmWave Communications. IEEE Transactions on Communications, 2021, 69, 544-557.	7.8	12
269	Limiting Performance of Millimeter-Wave Communications in the Presence of a 3D Random Waypoint Mobility Model. Journal of Communications Software and Systems, 2021, 17, 44-49.	0.8	1
270	Global Energy Efficiency Optimization of a Ka-Band Multi-Beam LEO Satellite Communication System. IEEE Access, 2021, 9, 55232-55243.	4.2	6
271	Energy-Efficient Decoupled Access Scheme for Cellular-Enabled UAV Communication Systems. IEEE Systems Journal, 2022, 16, 701-712.	4.6	10
272	Joint Transmission Reception Point Selection and Resource Allocation for Energy-Efficient Millimeter-Wave Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 412-428.	6. 3	10
273	Thermal Performance Enhancement With DRX in 5G Millimeter Wave Communication System. IEEE Access, 2021, 9, 34692-34707.	4.2	11
274	Performance Analysis of Minimum Hop Count-Based Routing Techniques in Millimeter Wave Networks: A Stochastic Geometry Approach. IEEE Transactions on Communications, 2021, 69, 8304-8318.	7.8	7

#	Article	IF	Citations
275	Stability Analysis of Simple and Online User Association Policies for Millimeter Wave Networks. IEEE Access, 2021, 9, 62405-62429.	4.2	2
276	A Novel Fairness Allocation Strategy With Minimum Mainlobe Interference for mmWave Networks. IEEE Internet of Things Journal, 2022, 9, 2001-2013.	8.7	3
277	Beamwidth Optimization and Resource Partitioning Scheme for Localization Assisted mm-Wave Communication. IEEE Transactions on Communications, 2021, 69, 1358-1374.	7.8	12
278	Rotational motion-aware beam refinement for high-throughput mmWave communications. Wireless Networks, 2021, 27, 2159-2172.	3.0	1
280	Beam Management Based Multi-cell Interference Suppression for Millimeter Wave Communications. , 2021, , .		2
281	Direction Aided Multipath Channel Estimation for Millimeter Wave Systems., 2021,,.		1
282	Aggregate Interference Power Characterization for Directional Beamforming Wireless Networks., 2021,,.		1
283	Throughput-aware path planning for UAVs in D2D 5G networks. Ad Hoc Networks, 2021, 116, 102427.	5. 5	14
284	Optimal BS Deployment and User Association for 5G Millimeter Wave Communication Networks. IEEE Transactions on Wireless Communications, 2021, 20, 2776-2791.	9.2	13
285	Optimal Multicast Scheduling for Millimeter Wave Networks Leveraging Directionality and Reflections. , 2021, , .		3
286	Millimeter Wave CoMP System with Opportunistic Cell Selection under Blockage and Interference., 2021,,.		5
287	Beamwidth Optimization for 5G NR Millimeter Wave Cellular Networks: A Multi-armed Bandit Approach. , 2021, , .		7
288	User association and resource allocation in 5G (AURA-5G): A joint optimization framework. Computer Networks, 2021, 192, 108063.	5.1	15
289	Fastening the initial access in 5G NR sidelink for 6G V2X networks. Vehicular Communications, 2022, 33, 100402.	4.0	11
290	Pi-Radio v1: Calibration techniques to enable fully-digital beamforming at 60ÂGHz. Computer Networks, 2021, 196, 108220.	5.1	1
291	Throughput analysis in a millimeter-wave network for a hybrid unsaturated RCAP/CTAP MAC protocol. Computer Networks, 2021, 198, 108353.	5.1	1
292	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
293	How to make key 5G wireless technologies environmental friendly: A review. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3254.	3.9	40

#	Article	IF	CITATIONS
294	Resource Management for Millimeter-Wave Ultra-Reliable and Low-Latency Communications. IEEE Transactions on Communications, 2020, , $1-1$.	7.8	18
295	Networking and Positioning Co-Design in Multi-Connectivity Industrial mmW Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 15842-15856.	6.3	8
296	Exhaustive, Iterative and Hybrid Initial Access Techniques in mmWave Communications., 2017,,.		33
297	Cloud-smart Musical Instrument Interactions. ACM Transactions on Internet of Things, 2020, 1, 1-29.	4.6	19
298	Energy Efficiency in 5G Communications – Conventional to Machine Learning Approaches. Journal of Telecommunications and Information Technology, 2021, 4, 1-9.	0.4	3
299	Impact of the Neighbor's Order on the Capacity of Millimeter-Wave Links with Poisson-Distributed Nodes in Line of Sight Conditions. , 2021, , .		1
300	Distributed Optimization for Mobile Robots under Mobile Edge Computing Environment. Complexity, 2021, 2021, 1-11.	1.6	0
301	Millimeter Wave MAC Layer. , 2018, , 1-4.		0
302	Millimeter Wave Channel Access. , 2018, , 1-8.		0
303	A Resource Allocation Scheme for Multi-user MmWave Vehicle-to-Infrastructure Communication. Advances in Intelligent Systems and Computing, 2019, , 549-567.	0.6	1
304	A Directional Medium Access Control Protocol for 5G Millimeter-Wave Local Area Networks. Lecture Notes in Computer Science, 2019, , 150-171.	1.3	1
305	Efficient Beamforming for Mobile mmWave Networks., 2019,,.		6
306	Joint Optimization of User Association and Resource Allocation for Millimeter-Wave Integrated Backhaul and Access Network. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2019, 37, 943-951.	0.5	1
307	A Fast Beam Training Method for 5G New Radio. , 2020, , .		0
308	Random Access Protocols for Industrial Internet of Things: Enablers, Challenges, and Research Directions., 2021,, 55-76.		1
309	Learning-based Load Balancing Handover in Mobile Millimeter Wave Networks. , 2020, , .		11
310	Deep Learning-based Beamforming and Blockage Prediction for Sub-6GHz/mm Wave Mobile Networks. , 2020, , .		4
311	Analog IFoF/mmWave 5G Optical Fronthaul Architecture for Hot-Spots Using Multi-channel OFDM-Based WDM Signals. Lecture Notes in Computer Science, 2020, , 504-515.	1.3	0

#	ARTICLE	IF	CITATIONS
312	Beam-Aware Cross-Layer DRX Design for 5G Millimeter Wave Communication System. IEEE Access, 2020, 8, 77604-77617.	4.2	11
313	Millimeter Wave Channel Access. , 2020, , 812-819.		0
314	Millimeter Wave MAC Layer. , 2020, , 827-830.		0
315	Shannon Capacity Evaluation for 5G Communications Using the 3D Random Waypoint Mobility Model. , 2020, , .		2
316	Strategy-Proof Beam-Aware Multicast Resource Allocation Mechanism., 2021,,.		1
317	Cost-Efficient Beam Management and Resource Allocation in Millimeter Wave Backhaul HetNets With Hybrid Energy Supply. IEEE Transactions on Wireless Communications, 2022, 21, 3291-3306.	9.2	7
318	On the Efficiency of Multi-Beam Medium Access for Millimeter-Wave Networks. IEEE/ACM Transactions on Networking, 2022, 30, 1469-1480.	3.8	1
319	Leveraging Waveform Structure to Develop a Power Scalable AoA Estimation. IEEE Open Journal of the Communications Society, 2021, 2, 2739-2759.	6.9	0
320	A Comparative Study on Centralized MAC Protocols for 60 GHz mmWave Communications., 2021,,.		2
321	Seven Defining Features of Terahertz (THz) Wireless Systems: A Fellowship of Communication and Sensing. IEEE Communications Surveys and Tutorials, 2022, 24, 967-993.	39.4	139
322	Mobility-Aware User Association Strategy for IRS-Aided mm-Wave Multibeam Transmission Towards 6G. IEEE Journal on Selected Areas in Communications, 2022, 40, 1667-1678.	14.0	16
323	Decentralized joint resource allocation and path selection in multi-hop integrated access backhaul 5G networks. Computer Networks, 2022, 207, 108837.	5.1	7
324	Dealing With Link Blockage in mmWave Networks: A Combination of D2D Relaying, Multi-Beam Reflection, and Handover. IEEE Transactions on Wireless Communications, 2022, 21, 6746-6759.	9.2	5
325	3D Poisson-Based Neighborhood Capacity Analysis for Millimeter Wave Communications. Sensors, 2022, 22, 2098.	3.8	0
326	Multi-agent learning algorithms for content placement in cache-enabled small cell networks: 4G and 5G use cases. Neural Computing and Applications, 2022, 34, 11641-11668.	5.6	1
327	ZEUS: Handover algorithm for 5G to achieve zero handover failure. ETRI Journal, 2022, 44, 361-378.	2.0	6
328	Resource Management in Converged Optical and Millimeter Wave Radio Networks: A Review. Applied Sciences (Switzerland), 2022, 12, 221.	2.5	3
329	Performance Analysis of Ultra-Dense Millimeter Wave Cloud-RAN under Blockage and Interference., 2021,,.		3

#	Article	IF	CITATIONS
330	High Bandwidth Green Communication With Vehicles by Decentralized Resource Optimization in Integrated Access Backhaul 5G Networks. IEEE Transactions on Green Communications and Networking, 2022, 6, 1438-1447.	5.5	5
331	Multi-User Scheduling in Hybrid Millimeter Wave Massive MIMO Systems. , 2022, , .		0
332	MAC Protocols for mmWave Communication: A Comparative Survey. Sensors, 2022, 22, 3853.	3.8	7
333	Reinforcement Learning for User Association and Handover in mmWave-Enabled Networks. IEEE Transactions on Wireless Communications, 2022, 21, 9712-9728.	9.2	6
334	Engineering Edge-Cloud Offloading of Big Data for Channel Modelling in THz-range Communications. , 2022, , .		0
335	Multi-beam-based Downlink Modeling and Power Allocation Scheme for Integrated Sensing and Communication towards 6G., 2022,,.		1
336	Concurrent multi-beam transmissions for reliable communication in millimeter-wave networks. Computer Communications, 2022, 195, 281-291.	5.1	5
337	Device Selection and Beamforming Optimization in Large-Scale mmWave IoT Networks. IEEE Internet of Things Journal, 2022, 9, 25395-25408.	8.7	1
338	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
339	A Double-Beam Soft Handover Scheme and Its Performance Analysis for mmWave UAV Communications in Windy Scenarios. IEEE Transactions on Vehicular Technology, 2023, 72, 893-906.	6.3	6
340	Intelligent Directional Paging Framework in Millimeter-Wave 5G NR Systems. IEEE Transactions on Wireless Communications, 2022, 21, 10739-10754.	9.2	1
341	Performance Evaluation of UAV-Assisted Millimeter Wave NOMA Networks. , 2022, , .		0
342	Dynamic Resource Allocation for MmWave UAV Communications: A Deep Reinforcement Learning Approach., 2022,,.		0
343	Robust Distributed Hybrid Beamforming in Coordinated Multi-User Multi-Cell mmWave MIMO Systems Relying on Imperfect CSI. IEEE Transactions on Communications, 2022, 70, 8123-8137.	7.8	7
344	Interference Distribution for Directional Beamforming Mobile Networks. IEEE Access, 2022, 10, 113778-113788.	4.2	1
345	Hybrid millimeter wave heterogeneous networks with spatially correlated user equipment. Digital Communications and Networks, 2022, , .	5.0	2
346	Priority-Aware Resource Allocation for 5G mmWave Multicast Broadcast Services. IEEE Transactions on Broadcasting, 2023, 69, 246-263.	3.2	1
347	Many-to-Many Matching User Association Scheme in Ultra-Dense Millimeter-wave Networks. , 2022, , .		1

#	Article	IF	Citations
348	Wideband Beamforming With Rainbow Beam Training Using Reconfigurable True-Time-Delay Arrays for Millimeter-Wave Wireless [Feature]. IEEE Circuits and Systems Magazine, 2022, 22, 6-25.	2.3	2
349	Cooperative Hybrid Transmit Beamforming in Cell-Free mmWave MIMO Networks. IEEE Transactions on Vehicular Technology, 2023, 72, 6023-6038.	6.3	5
350	An End-to-End Programmable Testbed for the Experimental Evaluation of Video Streaming at mmWaves. , 2022, , .		1
351	Versatile Resource Management for Millimeter-Wave Cellular Network: Near Interference-Free Scheduling Methodology. IEEE Transactions on Vehicular Technology, 2023, 72, 7942-7957.	6.3	2
352	The Internet of Sounds: Convergent Trends, Insights, and Future Directions. IEEE Internet of Things Journal, 2023, 10, 11264-11292.	8.7	26
353	Backhaul Capacity-Limited Joint User Association and Power Allocation Scheme in Ultra-Dense Millimeter-Wave Networks. Entropy, 2023, 25, 409.	2.2	3
354	Intelligent flying-beamformer for hybrid mmWave systems: A deep reinforcement learning approach. Computer Networks, 2023, 231, 109810.	5.1	0
355	A Cost Efficient Edge Computing Scheme in Dual-band Cooperative Vehicular Network. , 2023, , .		2
356	Deep unfolding for energy-efficient resource allocation in mmWave networks with multi-connectivity. Annales Des Telecommunications/Annals of Telecommunications, 0, , .	2.5	0
357	Dynamic Multiple-Message Broadcast: Bounding Throughput in the Affectance Model. Theory of Computing Systems, 2023, 67, 825-854.	1.1	0
358	Extended NYUSIM-based MmWave Channel Model and Simulator for RIS-Assisted Systems. , 2023, , .		1
359	Calibrating Al Models for Wireless Communications via Conformal Prediction. , 2023, 1, 296-312.		0
360	Challenges for designing an FPGA-based data link layer processor dedicated to sub-THz communication. , 2023, , .		0
361	Beam alignment techniques classifications for Mm-wave communications: A short review. AIP Conference Proceedings, 2023, , .	0.4	0
362	Asynchronous Distributed Coordinated Hybrid Precoding in Multi-Cell mmWave Wireless Networks. IEEE Open Journal of Vehicular Technology, 2024, 5, 200-218.	4.9	0
363	Demonstration of a Millimeter-wave High-Power Transceiver Module using AlN Interposer. , 2023, , .		0
364	Performance Enhancement and Scheduling in Communication Networks—A Review into Various Approaches. Lecture Notes in Networks and Systems, 2024, , 661-672.	0.7	0