

Yongming

List of Publications by Year in descending order

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5491
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient Load-Balancing Scheme for UAVs in 5G Infrastructure. IEEE Systems Journal, 2023, 17, 780-791.	2.9	5
2	Performance of Remote Radio Unit Selection in Millimeter-Wave Distributed Antenna Systems Over Fluctuating Two-Ray Fading. IEEE Wireless Communications Letters, 2022, 11, 235-239.	3.2	3
3	Learning-Aided Beam Prediction in mmWave MU-MIMO Systems for High-Speed Railway. IEEE Transactions on Communications, 2022, 70, 693-706.	4.9	10
4	Intelligent Optimization of Base Station Array Orientations via Scenario-Specific Modeling. IEEE Transactions on Communications, 2022, 70, 2117-2130.	4.9	3
5	Cluster-Group-Based Two-Stage Beamforming for Massive MIMO. IEEE Transactions on Communications, 2022, 70, 1984-1998.	4.9	2
6	Joint Parameter Estimation From Binary Observations Over Decentralized Channels. IEEE Transactions on Signal Processing, 2022, 70, 509-522.	3.2	1
7	On the Position Optimization of IRS. IEEE Internet of Things Journal, 2022, 9, 11712-11724.	5.5	4
8	Structured OMP for IRS-Assisted Mmwave Channel Estimation by Exploiting Angular Spread. IEEE Transactions on Vehicular Technology, 2022, 71, 4444-4448.	3.9	8
9	Beyond Supervised Power Control in Massive MIMO Network: Simple Deep Neural Network Solutions. IEEE Transactions on Vehicular Technology, 2022, 71, 3964-3979.	3.9	2
10	Cram�r-Rao Bound of Joint DOA-Range Estimation for Coprime Frequency Diverse Arrays. Remote Sensing, 2022, 14, 583.	1.8	9
11	Distributed Reinforcement Learning for Privacy-Preserving Dynamic Edge Caching. IEEE Journal on Selected Areas in Communications, 2022, 40, 749-760.	9.7	30
12	Design of a novel wireless information surveillance scheme assisted by reconfigurable intelligent surface. IET Communications, 2022, 16, 1545-1557.	1.5	2
13	Fast Iterative Soft-Output List Decoding of Polar Codes. IEEE Transactions on Signal Processing, 2022, 70, 1361-1376.	3.2	6
14	Improper Gaussian Signaling for Downlink NOMA Systems With Imperfect Successive Interference Cancellation. IEEE Transactions on Wireless Communications, 2022, 21, 7753-7763.	6.1	10
15	Non-Outage Probability of Jamming-Assisted Continuous Eavesdropping With Multi-Antenna. IEEE Communications Letters, 2022, 26, 1236-1239.	2.5	0
16	Efficient Message Passing Receivers for Downlink MIMO-SCMA Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 5073-5086.	3.9	3
17	Performance Analysis of Cache-Enabled User Association for Hybrid Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2022, 70, 2518-2531.	4.9	3
18	GBLinks: GNN-Based Beam Selection and Link Activation for Ultra-Dense D2D mmWave Networks. IEEE Transactions on Communications, 2022, 70, 3451-3466.	4.9	6

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19	An Unsupervised Deep Unrolling Framework for Constrained Optimization Problems in Wireless Networks. IEEE Transactions on Wireless Communications, 2022, 21, 8552-8564.	6.1	6
20	Energy Efficient Beamforming Optimization for Integrated Sensing and Communication. IEEE Wireless Communications Letters, 2022, 11, 1374-1378.	3.2	10
21	Joint DoA-Range Estimation Using Space-Frequency Virtual Difference Coarray. IEEE Transactions on Signal Processing, 2022, 70, 2576-2592.	3.2	31
22	Joint DoA-Range Estimation Using Moving Time-Modulated Frequency Diverse Coprime Array. , 2022, , .		3
23	Information-Theoretic Target Localization With Compressed Measurement Using FDA Radar. , 2022, , .		3
24	DoA estimation based on accelerated structured alternating projection using coprime array. , 2022, , .		4
25	A Statistical Linear Precoding Scheme Based on Random Iterative Method for Massive MIMO Systems. IEEE Transactions on Wireless Communications, 2022, 21, 10115-10129.	6.1	1
26	Randomized Iterative Methods for Low-Complexity Large-Scale MIMO Detection. IEEE Transactions on Signal Processing, 2022, 70, 2934-2949.	3.2	7
27	Unsupervised Recurrent Federated Learning for Edge Popularity Prediction in Privacy-Preserving Mobile-Edge Computing Networks. IEEE Internet of Things Journal, 2022, 9, 24328-24345.	5.5	11
28	Efficient Multitask Structure-Aware Sparse Bayesian Learning for Frequency-Difference Electrical Impedance Tomography. IEEE Transactions on Industrial Informatics, 2021, 17, 463-472.	7.2	88
29	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. Science China Information Sciences, 2021, 64, 1.	2.7	858
30	Approximate Expectation Propagation Massive MIMO Detector With Weighted Neumann-Series. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 662-666.	2.2	14
31	Efficient radar detection of weak manoeuvring targets using a coarse-to-fine strategy. IET Radar, Sonar and Navigation, 2021, 15, 181-193.	0.9	18
32	Beamforming Design for Multiuser uRLLC With Finite Blocklength Transmission. IEEE Transactions on Wireless Communications, 2021, 20, 8096-8109.	6.1	28
33	Maximizing the Set Cardinality of Users Scheduled for Ultra-Dense uRLLC Networks. IEEE Communications Letters, 2021, 25, 3952-3955.	2.5	3
34	Multi-Agent Reinforcement Learning Based Distributed Transmission in Collaborative Cloud-Edge Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1658-1672.	3.9	24
35	Power Efficient IRS-Assisted NOMA. IEEE Transactions on Communications, 2021, 69, 900-913.	4.9	106
36	Intelligent Interactive Beam Training for Millimeter Wave Communications. IEEE Transactions on Wireless Communications, 2021, 20, 2034-2048.	6.1	33

#	ARTICLE	IF	CITATIONS
37	User Association and Power Allocation Based on Unsupervised Graph Model in Ultra-Dense Network. , 2021, , .		9
38	Downlink Outage Analysis of Integrated Satellite-Terrestrial Relay Network with Relay Selection and Outdated CSI. , 2021, , .		1
39	Range-Dependent Beamforming Using Space-Frequency Virtual Difference Coarray. , 2021, , .		12
40	Doubly-Toeplitz-Based Interpolation for Joint DoA-Range Estimation Using Coprime FDA. , 2021, , .		12
41	True-data testbed for 5G/B5G intelligent network. Intelligent and Converged Networks, 2021, 2, 133-149.	3.2	24
42	Over-the-air Learning Rate Optimization for Federated Learning. , 2021, , .		3
43	Low-Complexity Parameter Learning for OTFS Modulation Based Automotive Radar. , 2021, , .		15
44	Rank Minimization-Based Toeplitz Reconstruction for DoA Estimation Using Coprime Array. IEEE Communications Letters, 2021, 25, 2265-2269.	2.5	61
45	Hybrid Policy Learning for Energy-Latency Tradeoff in MEC-Assisted VR Video Service. IEEE Transactions on Vehicular Technology, 2021, 70, 9006-9021.	3.9	19
46	Fine-Grained Analysis on Downlink LEO Satellite-Terrestrial mmWave Relay Networks. IEEE Wireless Communications Letters, 2021, 10, 1871-1875.	3.2	7
47	Deep Neural Network Aided Low-Complexity MPA Receivers for Uplink SCMA Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 9050-9062.	3.9	12
48	Coarse-to-Fine Spatial-Temporal Relationship Inference for Temporal Sentence Grounding. IEEE Access, 2021, 9, 97430-97443.	2.6	1
49	Learning Rate Optimization for Federated Learning Exploiting Over-the-Air Computation. IEEE Journal on Selected Areas in Communications, 2021, 39, 3742-3756.	9.7	68
50	An Overview on the Application of Graph Neural Networks in Wireless Networks. IEEE Open Journal of the Communications Society, 2021, 2, 2547-2565.	4.4	43
51	Collaborative Spatial-Temporal Interaction for Language-Based Moment Retrieval. , 2021, , .		1
52	Privacy-Preserving Federated Reinforcement Learning for Popularity-Assisted Edge Caching. , 2021, , .		3
53	Learning-Aided Beam Management for mmWave High-Speed Railway Networks. , 2021, , .		1
54	Multiobjective Precoder Design for Coexisting Wireless Energy Transfer and Information Transmission Systems. IEEE Systems Journal, 2020, 14, 445-456.	2.9	4

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55	Power-Efficient Beam Designs for Millimeter Wave Communication Systems. IEEE Transactions on Wireless Communications, 2020, 19, 1265-1279.	6.1	12
56	Joint Spatial Division and Multiplexing in Massive MIMO: A Neighbor-Based Approach. IEEE Transactions on Wireless Communications, 2020, 19, 7392-7406.	6.1	13
57	Attention Mechanism Enhanced Kernel Prediction Networks for Denoising of Burst Images. , 2020, , .		9
58	Performance of Integrated Satellite-Terrestrial Relay Network With Relay Selection and Outdated CSI. IEEE Access, 2020, 8, 169652-169662.	2.6	5
59	Heterogeneous User-Centric Cluster Migration Improves the Connectivity-Handover Trade-Off in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 16027-16043.	3.9	21
60	Resource Allocation for Hybrid NOMA MEC Offloading. IEEE Transactions on Wireless Communications, 2020, 19, 4964-4977.	6.1	57
61	Beam Alignment and Tracking for Millimeter Wave Communications via Bandit Learning. IEEE Transactions on Communications, 2020, 68, 5519-5533.	4.9	46
62	A Flexible and High Parallel Permutation Network for 5G LDPC Decoders. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3018-3022.	2.2	8
63	Deep Learning-Aided Belief Propagation Decoder for Polar Codes. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2020, 10, 189-203.	2.7	25
64	Cloud and Edge Multicast Beamforming for Cache-Enabled Ultra-Dense Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3481-3485.	3.9	19
65	Energy-Efficient Transceiver Design for Cache-Enabled Millimeter-Wave Systems. IEEE Transactions on Communications, 2020, 68, 3876-3889.	4.9	4
66	Enhanced beamspace MUSIC for cost-effective FMCW automotive radar. IET Radar, Sonar and Navigation, 2020, 14, 257-267.	0.9	6
67	Improperness Based SINR Analysis of GFDM Systems Under Joint Tx and Rx I/Q Imbalance. , 2020, , .		2
68	MEC-Enabled Wireless VR Video Service: A Learning-Based Mixed Strategy for Energy-Latency Tradeoff. , 2020, , .		19
69	Joint User Scheduling and Beam Selection in mmWave Networks Based on Multi-Agent Reinforcement Learning. , 2020, , .		10
70	Velocity ambiguity resolution for wideband automotive millimeter wave radar: a carrier frequency multiplexing framework. Journal of Electromagnetic Waves and Applications, 2020, 34, 375-389.	1.0	2
71	Conquering the Worst Case of Infections in Networks. IEEE Access, 2020, 8, 2835-2846.	2.6	2
72	Time Sequence Learning for Electrical Impedance Tomography Using Bayesian Spatiotemporal Priors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6045-6057.	2.4	52

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73	On Optimal Beamforming Design for Downlink MISO NOMA Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 3008-3020.	3.9	30
74	Calibration of Motional Frequency Spread for Wide-Band FMCW Automotive Millimeter-Wave Radar. IEEE Access, 2020, 8, 14355-14366.	2.6	5
75	Double Coded Caching in Ultra Dense Networks: Caching and Multicast Scheduling via Deep Reinforcement Learning. IEEE Transactions on Communications, 2020, 68, 1071-1086.	4.9	42
76	Massive MIMO With Ternary ADCs. IEEE Signal Processing Letters, 2020, 27, 271-275.	2.1	7
77	Cache-Enabled Coordinated Mobile Edge Network: Opportunities and Challenges. IEEE Wireless Communications, 2020, 27, 204-211.	6.6	17
78	Achievable Rate Region of MISO Interference Channel Aided by Intelligent Reflecting Surface. IEEE Transactions on Vehicular Technology, 2020, 69, 16264-16269.	3.9	23
79	Millimeter Wave Beam Training and Tracking. , 2020, , 806-812.		0
80	Interleaved Training for Intelligent Surface-Assisted Wireless Communications. IEEE Signal Processing Letters, 2020, 27, 1774-1778.	2.1	4
81	Millimeter Wave Channel Access. , 2020, , 812-819.		0
82	Data-driven Adaptive Control of Array Orientation in Massive MIMO Base Station. , 2020, , .		0
83	Performance Evaluation and Analysis of Millimeter Wave Communication System. IEEE Systems Journal, 2019, 13, 159-170.	2.9	16
84	Coordinated Fronthaul Data Assignment and Multicast Beamforming for Cache-Enabled Wireless Networks. IEEE Wireless Communications Letters, 2019, 8, 1082-1085.	3.2	3
85	Robust Multi-Objective Beamforming for Integrated Satellite and High Altitude Platform Network With Imperfect Channel State Information. IEEE Transactions on Signal Processing, 2019, 67, 6384-6396.	3.2	41
86	User Association for Cache Enabled Millimeter Wave Ultra Dense Downlink Networks. , 2019, , .		0
87	Low-Complexity Decentralized Recommendation System With Similarity Constraints. IEEE Access, 2019, 7, 146922-146938.	2.6	0
88	Research on Robustness of Emotion Recognition Under Environmental Noise Conditions. IEEE Access, 2019, 7, 142009-142021.	2.6	8
89	Optimal Design of Multiple Panel Arrays in LoS MIMO System. , 2019, , .		3
90	Joint CoMP Transmission for UAV-Aided Cognitive Satellite Terrestrial Networks. IEEE Access, 2019, 7, 14959-14968.	2.6	39

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91	Accelerated Structure-Aware Sparse Bayesian Learning for Three-Dimensional Electrical Impedance Tomography. IEEE Transactions on Industrial Informatics, 2019, 15, 5033-5041.	7.2	92
92	Secure Wireless Information and Power Transfer Based on Tilt Adaptation in 3-D Massive MIMO Systems. IEEE Access, 2019, 7, 5531-5540.	2.6	3
93	Energy-Efficient Cooperative Secure Transmission in Multi-UAV-Enabled Wireless Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7761-7775.	3.9	103
94	Asymptotic Performance Analysis of Massive MIMO Relay Systems With Multi-Pair Devices Over Correlated Fading Channels. IEEE Access, 2019, 7, 27565-27578.	2.6	4
95	Energy-efficient optimisation for UAV-aided wireless sensor networks. IET Communications, 2019, 13, 972-980.	1.5	9
96	How to Deploy Multiple UAVs for Providing Communication Service in an Unknown Region?. IEEE Wireless Communications Letters, 2019, 8, 1276-1279.	3.2	39
97	UAV-Aided Mobile Edge Computing Systems With One by One Access Scheme. IEEE Transactions on Green Communications and Networking, 2019, 3, 664-678.	3.5	60
98	Cloud-Edge Coordinated Processing: Low-Latency Multicasting Transmission. IEEE Journal on Selected Areas in Communications, 2019, 37, 1144-1158.	9.7	39
99	Hybrid Precoder Design for Cache-Enabled Millimeter-Wave Radio Access Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1707-1722.	6.1	18
100	Placement Delivery Array Design via Attention-Based Sequence-to-Sequence Model With Deep Neural Network. IEEE Wireless Communications Letters, 2019, 8, 372-375.	3.2	8
101	Proactive Caching for Vehicular Multi-View 3D Video Streaming via Deep Reinforcement Learning. IEEE Transactions on Wireless Communications, 2019, 18, 2693-2706.	6.1	43
102	Hybrid Precoding for Single Carrier Wideband Multi-Subarray Millimeter Wave Systems. IEEE Wireless Communications Letters, 2019, 8, 484-487.	3.2	10
103	Intelligent Beam Training for Millimeter-Wave Communications via Deep Reinforcement Learning. , 2019, , .		13
104	Proactive Caching in Auto Driving Scene via Deep Reinforcement Learning. , 2019, , .		6
105	Semantic Segmentation of Retinal Vessel Images via Dense Convolution and Depth Separable Convolution. , 2019, , .		1
106	Data Driven Low-Complexity DOA Estimation for Ultra-Short Range Automotive Radar. , 2019, , .		0
107	Resource Allocation for NOMA MEC Offloading. , 2019, , .		3
108	A Novel Approach to Angle-of-Arrival Estimation Based on Layered Ensemble Learning. , 2019, , .		0

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109	A Multi-level Feature Fusion Network for Real-time Semantic Segmentation. , 2019, , .		3
110	FPGA Prototyping of A Millimeter-Wave Multiple Gigabit WLAN System. , 2019, , .		0
111	Load Balancing for Future 5G Network Communication: Performance and Trade-off. , 2019, , .		1
112	On the Cover Problem for Coded Caching in Wireless Networks via Deep Neural Network. , 2019, , .		1
113	Minimum Error Performance of Downlink Non-Orthogonal Multiple Access Systems. , 2019, , .		5
114	An Energy-Efficient Collaborative Caching Scheme for 5G Wireless Network. IEEE Access, 2019, 7, 156907-156916.	2.6	9
115	Smart Longitudinal Velocity Control of Autonomous Vehicles in Interactions With Distracted Human-Driven Vehicles. IEEE Access, 2019, 7, 168060-168074.	2.6	2
116	Regularized Multipath Matching Pursuit for Sparse Channel Estimation in Millimeter Wave Massive MIMO System. IEEE Wireless Communications Letters, 2019, 8, 169-172.	3.2	20
117	Secure Transmissions in Wireless Information and Power Transfer Millimeter-Wave Ultra-Dense Networks. IEEE Transactions on Information Forensics and Security, 2019, 14, 1817-1829.	4.5	31
118	Energy-Efficient Resource Allocation for Energy Harvesting-Based Device-to-Device Communication. IEEE Transactions on Vehicular Technology, 2019, 68, 509-524.	3.9	32
119	Flat Beam Design for Massive MIMO Systems via Riemannian Optimization. IEEE Wireless Communications Letters, 2019, 8, 301-304.	3.2	24
120	Robust Multigroup Multicast Beamforming Design for Backhaul-Limited Cloud Radio Access Network. IEEE Signal Processing Letters, 2019, 26, 189-193.	2.1	11
121	Decentralized Precoding for Cache-Enabled Ultra-Dense Radio Access Networks. IEEE Wireless Communications Letters, 2019, 8, 404-407.	3.2	1
122	Sea Clutter Cancellation for Passive Radar Sensor Exploiting Multi-Channel Adaptive Filters. IEEE Sensors Journal, 2019, 19, 982-995.	2.4	46
123	Energy-Efficient Optimization for UAV-Aided Cellular Offloading. IEEE Wireless Communications Letters, 2019, 8, 769-772.	3.2	40
124	Joint Channel Estimation and Tx/Rx I/Q Imbalance Compensation for GFDM Systems. IEEE Transactions on Wireless Communications, 2019, 18, 1304-1317.	6.1	25
125	Downlink Resource Sharing in Multichannel Device-to-Device Communication. IEEE Wireless Communications Letters, 2019, 8, 741-744.	3.2	8
126	Two-Level Transmission Scheme for Cache-Enabled Fog Radio Access Networks. IEEE Transactions on Communications, 2019, 67, 445-456.	4.9	19

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127	Beamforming Design for Downlink Non-Orthogonal Multiple Access Systems. IEEE Access, 2018, 6, 10956-10965.	2.6	14
128	Near-Optimal Pilot Signal Design for FDD Massive MIMO System: An Energy-Efficient Perspective. IEEE Access, 2018, 6, 13275-13288.	2.6	2
129	Hybrid Precoding for Multi-Subarray Millimeter-Wave Communication Systems. IEEE Wireless Communications Letters, 2018, 7, 440-443.	3.2	21
130	Robust Secure Beamforming for 5G Cellular Networks Coexisting With Satellite Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 932-945.	9.7	102
131	Power-Efficient Communication in UAV-Aided Wireless Sensor Networks. IEEE Communications Letters, 2018, 22, 1264-1267.	2.5	116
132	Resource Management for Device-to-Device Communication: A Physical Layer Security Perspective. IEEE Journal on Selected Areas in Communications, 2018, 36, 946-960.	9.7	63
133	Secrecy Performance of Transmit Antenna Selection for MIMO Relay Systems With Outdated CSI. IEEE Transactions on Communications, 2018, 66, 546-559.	4.9	64
134	Resource Optimization in Heterogeneous Cloud Radio Access Networks. IEEE Communications Letters, 2018, 22, 494-497.	2.5	27
135	Analysis of Millimeter-Wave Multi-Hop Networks With Full-Duplex Buffered Relays. IEEE/ACM Transactions on Networking, 2018, 26, 576-590.	2.6	25
136	Performance Analysis for Massive MIMO Downlink With Low Complexity Approximate Zero-Forcing Precoding. IEEE Transactions on Communications, 2018, 66, 3848-3864.	4.9	33
137	Interleaved Training and Training-Based Transmission Design for Hybrid Massive Antenna Downlink. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 541-556.	7.3	14
138	Analysis of Panel Antenna Arrays in Los MIMO System. IEEE Access, 2018, 6, 23303-23315.	2.6	9
139	Spectral and Energy Efficiency Tradeoff for Massive MIMO. IEEE Transactions on Vehicular Technology, 2018, 67, 6991-7002.	3.9	42
140	Resource allocation for outage performance in heterogeneous networks: a matching game approach. Wireless Networks, 2018, 24, 1873-1883.	2.0	3
141	Resource Optimization for Device-to-Device and Small Cell Uplink Communications Underlying Cellular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 1187-1201.	3.9	28
142	Energy optimization for Cellular-Connected UAV Mobile Edge Computing Systems. , 2018, , .		18
143	Optimal Resource Partitioning and Bit Allocation for UAV-Enabled Mobile Edge Computing. , 2018, , .		19
144	Hybrid Precoding for Broadband Millimeter-Wave Communication Systems With Partial CSI. IEEE Access, 2018, 6, 50891-50900.	2.6	11

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145	An Attention-Based Approach for Single Image Super Resolution. , 2018, , .		31
146	Cache-Enabled Adaptive Bit Rate Streaming via Deep Self-Transfer Reinforcement Learning. , 2018, , .		5
147	Cache-Enabled Hierarchical Transmission Scheme for Fog Radio Access Networks. , 2018, , .		2
148	Energy Efficient Beamforming in Heterogeneous Small Cell Networks. , 2018, , .		0
149	Energy-Efficient Cooperative Hybrid Precoding for Millimeter-Wave Communication Networks. , 2018, , .		4
150	Performance of Interleaved Training for Single-User Hybrid Massive Antenna Downlink. , 2018, , .		0
151	Interleaved Training Codebook Design for Millimeter-wave Communication System. , 2018, , .		3
152	Energy Optimization for Cellular-Connected Multi-UAV Mobile Edge Computing Systems with Multi-Access Schemes. Journal of Communications and Information Networks, 2018, 3, 33-44.	3.5	45
153	Positioning Algorithm and AoD Estimation for mmWave FD-MISO System. , 2018, , .		7
154	Hybrid Precoding for Wideband Millimeter-Wave Systems With Finite Resolution Phase Shifters. IEEE Transactions on Vehicular Technology, 2018, 67, 11285-11290.	3.9	25
155	An Overview of China Millimeter-Wave Multiple Gigabit Wireless Local Area Network System. IEICE Transactions on Communications, 2018, E101.B, 262-276.	0.4	8
156	Constant Envelope Hybrid Precoding for Directional Millimeter-Wave Communications. IEEE Journal on Selected Areas in Communications, 2018, 36, 845-859.	9.7	55
157	Outage probability minimization for low-altitude UAV-enabled full-duplex mobile relaying systems. China Communications, 2018, 15, 9-24.	2.0	28
158	Personalized optimal bicycle trip planning based on Q-learning algorithm. , 2018, , .		4
159	A Collaborative Hotspot Caching Design for 5G Cellular Network. IEEE Access, 2018, 6, 38161-38170.	2.6	16
160	A Normalized Complex LMS Based Blind I/Q Imbalance Compensator for GFDM Receivers and Its Full Second-Order Performance Analysis. IEEE Transactions on Signal Processing, 2018, 66, 4701-4712.	3.2	29
161	Wideband millimeter wave communication: Single carrier based hybrid precoding with sparse optimization. IEEE Transactions on Vehicular Technology, 2018, 67, 9696-9710.	3.9	29
162	Low Complexity Approximate Zero-Forcing Precoding for Massive MIMO Downlink. , 2018, , .		0

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163	Wideband Millimeter Wave Communication With Lens Antenna Array: Joint Beamforming and Antenna Selection With Group Sparse Optimization. IEEE Transactions on Wireless Communications, 2018, 17, 6575-6589.	6.1	38
164	Millimeter Wave Channel Access. , 2018, , 1-8.		0
165	Millimeter Wave Beam Training and Tracking. , 2018, , 1-6.		0
166	Performance Analysis of Dual-Hop MIMO AF Relaying Network With Multiple Interferences. IEEE Transactions on Vehicular Technology, 2017, 66, 1891-1897.	3.9	11
167	Noncircular Measurement and Mitigation of $S/I/Q$ Imbalance for OFDM-Based WLAN Transmitters. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 383-393.	2.4	22
168	Distributed Optimization of Hierarchical Small Cell Networks: A GNEP Framework. IEEE Journal on Selected Areas in Communications, 2017, 35, 249-264.	9.7	38
169	Performance Analysis of Heterogeneous Networks With Interference Cancellation. IEEE Transactions on Vehicular Technology, 2017, 66, 6969-6981.	3.9	20
170	Sum-Rate Analysis for Massive MIMO Downlink With Joint Statistical Beamforming and User Scheduling. IEEE Transactions on Wireless Communications, 2017, 16, 2181-2194.	6.1	78
171	Cooperative Precoding for Wireless Energy Transfer and Secure Cognitive Radio Coexistence Systems. IEEE Signal Processing Letters, 2017, 24, 540-544.	2.1	13
172	Energy-efficient resource allocation for device-to-device communication with WPT. IET Communications, 2017, 11, 326-334.	1.5	25
173	Joint Design of User Association and Power Allocation With Proportional Fairness in Massive MIMO HetNets. IEEE Access, 2017, 5, 6560-6569.	2.6	28
174	IQ Imbalance Compensation for Generalized Frequency Division Multiplexing Systems. IEEE Wireless Communications Letters, 2017, 6, 422-425.	3.2	21
175	Pilot Contamination Reduction in Multi-cell TDD Systems with Very Large MIMO Arrays. Wireless Personal Communications, 2017, 96, 5785-5808.	1.8	9
176	Antenna selection for two-way full duplex massive MIMO networks with amplify-and-forward relay. Science China Information Sciences, 2017, 60, 1.	2.7	7
177	Energy-efficient precoding design for cloud radio access networks. IET Communications, 2017, 11, 1864-1870.	1.5	4
178	Exploiting BS Antenna Tilt for SWIPT in 3-D Massive MIMO Systems. IEEE Wireless Communications Letters, 2017, 6, 666-669.	3.2	18
179	On Optimal Power Allocation for Downlink Non-Orthogonal Multiple Access Systems. IEEE Journal on Selected Areas in Communications, 2017, , 1-1.	9.7	235
180	Codebook Design for Beam Alignment in Millimeter Wave Communication Systems. IEEE Transactions on Communications, 2017, 65, 4980-4995.	4.9	103

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181	Performance Scaling Law for Multicell Multiuser Massive MIMO. IEEE Transactions on Vehicular Technology, 2017, 66, 9890-9903.	3.9	17
182	Energy Efficient Beamforming for Massive MIMO Public Channel. IEEE Transactions on Vehicular Technology, 2017, 66, 10595-10600.	3.9	27
183	Beam-Blocked Channel Estimation for FDD Massive MIMO With Compressed Feedback. IEEE Access, 2017, 5, 11791-11804.	2.6	36
184	Codebook-Based Hybrid Precoding for Millimeter Wave Multiuser Systems. IEEE Transactions on Signal Processing, 2017, 65, 5289-5304.	3.2	145
185	Millimeter Wave Communications for Future Mobile Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 1909-1935.	9.7	797
186	Cooperative Multi-Subarray Beam Training in Millimeter Wave Communication Systems. , 2017, , .		11
187	Training sequence design for channel estimation and IQ imbalance compensation in GFDM systems. , 2017, , .		2
188	Joint Optimization of Analog Beam and User Scheduling for Millimeter Wave Communications. IEEE Communications Letters, 2017, 21, 2638-2641.	2.5	33
189	Constant envelope precoding for secure millimeter-wave wireless communication. , 2017, , .		3
190	A learning-based approach for proactive caching in wireless communication networks. , 2017, , .		9
191	Throughput maximization for UAV-enabled wireless power transfer in relaying system. , 2017, , .		37
192	Joint user scheduling and hybrid precoding design for MIMO C-RAN. , 2017, , .		11
193	An improved CFAR algorithm for target detection. , 2017, , .		21
194	Target detection based on a rotary table-mounted synthetic aperture radar system. , 2017, , .		1
195	Comprehensive scaling law for single-cell massive MIMO with MRT. , 2017, , .		0
196	System performance evaluation for millimeter wave wireless communication. , 2017, , .		1
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