Cheng-Xiang Wang

List of Articles by Year
in descending order

299 PR articles	14,571 PR citations	19222 58 PR h-index	24444 108 g-index
510 documents	23753 doc citations	11668 71 h-index	16528 citing authors

#	Article	IF	Citations
1	Wireless Channel Measurements and Characterization in Industrial IoT Scenarios. IEEE Transactions on Vehicular Technology, 2025, 74, 2292-2307.	5.7	10
2	NMBEnet: Efficient Near-Field mmWave Beam Training for Multiuser OFDM Systems Using Sub-6 GHz Pilots. IEEE Transactions on Communications, 2025, 73, 3119-3135.	6.2	2
3	Beam Domain Channel Modeling and Prediction for UAV Communications. IEEE Transactions on Wireless Communications, 2025, 24, 969-983.	8.3	5
4	An Improved KPD Algorithm for Clustering of Wireless Channel Multipath Components. IEEE Transactions on Vehicular Technology, 2025, 74, 6064-6075.	5.7	2
5	An Efficient Pre-Processing Method for 6G Dynamic Ray-Tracing Channel Modeling. IEEE Transactions on Vehicular Technology, 2025, 74, 6941-6953.	5.7	11
6	A Novel Projection-Based Beam Ray Launching Method for Wireless Channel Modeling. IEEE Transactions on Antennas and Propagation, 2025, 73, 2572-2584.	4.3	1
7	A Novel 3D GBSM and BDCM for 6G mmWave Massive MIMO ISAC Systems. IEEE Transactions on Wireless Communications, 2025, 24, 4299-4314.	8.3	3
8	Digital Twin Online Channel Modeling: Challenges, Principles, and Applications. IEEE Vehicular Technology Magazine, 2025, 20, 94-103.	2.6	4
9	Ultra-Wideband Nonstationary Channel Modeling for UAV-to-Ground Communications. IEEE Transactions on Wireless Communications, 2025, 24, 4190-4204.	8.3	31
10	Digital Twin of Channel: Diffusion Model for Sensing-Assisted Statistical Channel State Information Generation. IEEE Transactions on Wireless Communications, 2025, 24, 3805-3821.	8.3	4
11	A Novel Geometry-Based Stochastic Model for Indoor Scenarios Incorporating Dense Multipath Components Towards Standardization. IEEE Transactions on Vehicular Technology, 2025, 74, 10927-10942.	5.7	1
12	Channel Map-Based Angle Domain Multiple Access for Cell-Free Massive MIMO Communications. IEEE Journal on Selected Topics in Signal Processing, 2025, 19, 366-380.	7.8	4
13	LinFormer: A Linear-Based Lightweight Transformer Architecture for Time-Aware MIMO Channel Prediction. IEEE Transactions on Wireless Communications, 2025, 24, 7177-7190.	8.3	10
14	Modeling, Capacity Studies, Antenna and System Designs for 6G/B6G 3-D Continuous-Space Radio Channels Enabled by Electromagnetic Information Theory. IEEE Communications Surveys and Tutorials, 2025, 28, 1-63.	34.6	7
15	RIS-Assisted MIMO Channel Measurements and Characteristics Analysis for 6G Wireless Communication Systems. IEEE Transactions on Vehicular Technology, 2025, 74, 13335-13349.	5.7	7
16	A 1-bit Broadband Reconfigurable Electromagnetic Surface With Switchable Modes of Reflection and Tunable Absorption. IEEE Transactions on Antennas and Propagation, 2025, 73, 6032-6037.	4.3	3
17	A Novel RIS Channel Model for 6G Wireless Communication Systems. IEEE Transactions on Communications, 2025, 73, 8797-8810.	6.2	3
18	A RIS-Aided OFDM-Based Integrated Sensing and Communication System for Communication, Detection, and Tracking. IEEE Transactions on Vehicular Technology, 2025, 74, 15660-15673.	5.7	0

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19	Dynamic Spectrum Aggregation and Access for Rescue Cognitive Networks Using Multi-Agent Actor-Critic Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2025, 12, 928-942.	5.2	0
20	A Novel A2A Channel Model Incorporating Rooftop Specular Reflection and Airframe Occlusion. IEEE Transactions on Wireless Communications, 2025, 24, 8785-8798.	8.3	6
21	Multi-Frequency Wireless Channel Measurements and Modeling in Urban Macro Scenarios. IEEE Transactions on Vehicular Technology, 2025, 74, 15920-15934.	5.7	2
22	Sensing-Communication-Computing-Control Closed-Loop Optimization for 6G Digital Twin-Empowered Robotic Systems. IEEE Journal on Selected Areas in Communications, 2025, 43, 3330-3346.	11.0	3
23	An enhanced 6G pervasive channel model towards standardization. Science China Information Sciences, 2025, 68, .	4.0	3
24	Effective Resource Management for Hybrid NOMA-OMA Scheme in Satellite Networks With Statistical Delay QoS Constraints. IEEE Internet of Things Journal, 2025, 12, 33533-33544.	6.9	1
25	Performance Analysis on RIS-Aided Wideband Massive MIMO OFDM Systems With Low-Resolution ADCs. IEEE Transactions on Wireless Communications, 2025, 24, 10227-10243.	8.3	1
26	A Novel Nonstationary Geometry-Based Stochastic Model for Underwater Acoustic MIMO Communication Systems in Shallow Seas. IEEE Internet of Things Journal, 2025, 12, 41713-41726.	6.9	0
27	Channel Modeling and Accelerated Ray-Tracing Simulation for RIS-Assisted MIMO Systems. IEEE Antennas and Wireless Propagation Letters, 2025, 24, 3871-3875.	3.5	0
28	A Tutorial on Six-Dimensional Movable Antenna for 6G Networks: Synergizing Positionable and Rotatable Antennas. IEEE Communications Surveys and Tutorials, 2025, 28, 3666-3709.	34.6	9
29	A Novel Ultra-Massive MIMO BDCM for 6G Wireless Communication Systems. IEEE Transactions on Wireless Communications, 2024, 23, 3221-3237.	8.3	16
30	A General 3-D Geometry-Based Stochastic Channel Model for B5G mmWave IIoT. IEEE Internet of Things Journal, 2024, 11, 3362-3376.	6.9	9
31	Channel Scenario Extensions, Identifications, and Adaptive Modeling for 6G Wireless Communications. IEEE Internet of Things Journal, 2024, 11, 7285-7308.	6.9	20
32	Beam Training and Tracking for Extremely Large-Scale MIMO Communications. IEEE Transactions on Wireless Communications, 2024, 23, 5048-5062.	8.3	43
33	Path Loss Prediction in Evaporation Ducts Based on Deep Neural Network. IEEE Antennas and Wireless Propagation Letters, 2024, 23, 798-802.	3.5	11
34	A Pervasively Correlated Channel Model for Massive MIMO Transmission. IEEE Transactions on Communications, 2024, 72, 2441-2456.	6.2	1
35	A Non-Reciprocal Channel Model for THz Asymmetric Massive MIMO Systems. IEEE Transactions on Wireless Communications, 2024, 23, 7787-7801.	8.3	3
36	Two-Timescale Design for Simultaneous Transmitting and Reflecting RIS-Assisted Massive MIMO Systems With Imperfect CSI. IEEE Transactions on Communications, 2024, 72, 4287-4304.	6.2	5

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37	A Tensor-Based Millimeter Wave Wideband Massive MIMO Channel Estimation Technique Using Uniform Planar Arrays. IEEE Wireless Communications Letters, 2024, 13, 1458-1462.	4.2	9
38	A GAN-GRU Based Space-Time Predictive Channel Model for 6G Wireless Communications. IEEE Transactions on Vehicular Technology, 2024, 73, 9370-9386.	5.7	23
39	A Frequency Domain Predictive Channel Model for 6G Wireless MIMO Communications Based on Deep Learning. IEEE Transactions on Communications, 2024, 72, 4887-4902.	6.2	18
40	Structured Satellite-UAV-Terrestrial Networks for 6G Internet of Things. IEEE Network, 2024, 38, 48-54.	3.5	34
41	A Tutorial on Near-Field XL-MIMO Communications Toward 6G. IEEE Communications Surveys and Tutorials, 2024, 26, 2213-2257.	34.6	204
42	Performance Analysis and Low-Complexity Design for XL-MIMO With Near-Field Spatial Non-Stationarities. IEEE Journal on Selected Areas in Communications, 2024, 42, 1656-1672.	11.0	62
43	Characteristics and Channel Capacity Studies of a Novel 6G Non-Stationary Massive MIMO Channel Model Considering Mutual Coupling. IEEE Journal on Selected Areas in Communications, 2024, 42, 1519-1533.	11.0	23
44	Aerial Reconfigurable Intelligent Surface-Assisted Channel Modeling Incorporating the Effect of UAV Fluctuations. IEEE Communications Letters, 2024, 28, 1599-1603.	3.4	8
45	Machine Learning Based Clustering and Modeling for 6G UAV-to-Ground Communication Channels. IEEE Transactions on Vehicular Technology, 2024, 73, 14113-14126.	5.7	12
46	Electromagnetic Information Theory: Fundamentals and Applications for 6G Wireless Communication Systems. IEEE Wireless Communications, 2024, 31, 279-286.	5.2	27
47	Exploit High-Dimensional RIS Information to Localization: What Is the Impact of Faulty Element?. IEEE Journal on Selected Areas in Communications, 2024, 42, 2803-2819.	11.0	42
48	Effect of Source Signal Traffic on Signal Detection for Ambient Backscatter Communication. IEEE Transactions on Vehicular Technology, 2024, 73, 16790-16804.	5.7	4
49	A Survey on Channel Sounding Technologies and Measurements for UAV-Assisted Communications. IEEE Transactions on Instrumentation and Measurement, 2024, 73, 1-24.	3.7	80
50	Optimizing Air-Borne Network-in-a-Box Deployment for Efficient Remote Coverage. IEEE Internet of Things Journal, 2024, 11, 38728-38743.	6.9	3
51	A 3D Continuous-Space Electromagnetic Channel Model for 6G Tri-Polarized Multi-User Communications. IEEE Transactions on Wireless Communications, 2024, 23, 17354-17367.	8.3	3
52	Fine-Over-Coarse Spectrum Sharing With Shaped Virtual Cells for Hybrid Satellite-UAV-Terrestrial Maritime Networks. IEEE Transactions on Wireless Communications, 2024, 23, 17478-17492.	8.3	4
53	An ECAâ€“ResNetâ€Based Intelligent Communication Scenario Identification Algorithm for 6G Wireless Communications. International Journal of Intelligent Systems, 2024, 2024, .	4.1	0
54	Resource Sharing and Trading of Blockchain Radio Access Networks: Architecture and Prototype Design. IEEE Internet of Things Journal, 2023, 10, 12025-12043.	6.9	29

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55	6G Network AI Architecture for Everyone-Centric Customized Services. IEEE Network, 2023, 37, 71-80.	3.5	86
56	Ultra-Massive MIMO Channel Measurements at 5.3 GHz and a General 6G Channel Model. IEEE Transactions on Vehicular Technology, 2023, 72, 20-34.	5.7	62
57	A Novel 3D Beam Domain Channel Model for Massive MIMO Communication Systems. IEEE Transactions on Wireless Communications, 2023, 22, 1618-1632.	8.3	19
58	Geometry-Based Stochastic Probability Models for the LoS and NLoS Paths of A2G Channels Under Urban Scenarios. IEEE Internet of Things Journal, 2023, 10, 2360-2372.	6.9	23
59	Channel Acquisition for HF Skywave Massive MIMO-OFDM Communications. IEEE Transactions on Wireless Communications, 2023, 22, 4074-4089.	8.3	26
60	A Novel Beam Domain Channel Model for B5G Massive MIMO Wireless Communication Systems. IEEE Transactions on Vehicular Technology, 2023, 72, 4143-4156.	5.7	16
61	Recent Advances of Ultramassive Multiple-Input, Multiple-Output Technologies: Realizing a Sixth-Generation Future in Spatial and Beam Domains. IEEE Vehicular Technology Magazine, 2023, 18, 70-79.	2.6	10
62	A General 3-D Nonstationary GBSM for Underground Vehicular Channels. IEEE Transactions on Antennas and Propagation, 2023, 71, 1804-1819.	4.3	15
63	A Novel 3D Beam Domain Channel Model for UAV Massive MIMO Communications. IEEE Transactions on Wireless Communications, 2023, 22, 5431-5445.	8.3	30
64	On the Road to 6G: Visions, Requirements, Key Technologies, and Testbeds. IEEE Communications Surveys and Tutorials, 2023, 25, 905-974.	34.6	1,695
65	Joint Mobility Control and MEC Offloading for Hybrid Satellite-Terrestrial-Network-Enabled Robots. IEEE Transactions on Wireless Communications, 2023, 22, 8483-8497.	8.3	14
66	A Novel 3-D Beam Domain Channel Model for Maritime Massive MIMO Communication Systems Using Uniform Circular Arrays. IEEE Transactions on Communications, 2023, 71, 2487-2502.	6.2	10
67	Channel Modeling for UAV-to-Ground Communications With Posture Variation and Fuselage Scattering Effect. IEEE Transactions on Communications, 2023, 71, 3103-3116.	6.2	91
68	A Novel THz Massive MIMO Beam Domain Channel Model for 6G Wireless Communication Systems. IEEE Transactions on Vehicular Technology, 2023, 72, 9704-9719.	5.7	12
69	Measurements and Characteristics Analysis of 6G Ultra-Massive MIMO Wireless Channels With Different Antenna Configurations and Scenarios. IEEE Transactions on Vehicular Technology, 2023, 72, 9720-9732.	5.7	13
70	A Novel 6G ISAC Channel Model Combining Forward and Backward Scattering. IEEE Transactions on Wireless Communications, 2023, 22, 8050-8065.	8.3	55
71	Multifrequency Wireless Channel Measurements and Characterization in Large Indoor Office Environments. IEEE Transactions on Antennas and Propagation, 2023, 71, 5221-5234.	4.3	22
72	Antenna Selections Strategies for Massive MIMO Systems With Limited-Resolution ADCs/DACs. IEEE Transactions on Wireless Communications, 2023, 22, 8128-8140.	8.3	8

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73	A Novel 3D Non-Stationary Massive MIMO Channel Model for Shortwave Communication Systems. IEEE Transactions on Communications, 2023, 71, 5473-5486.	6.2	10
74	Sub-Array-Based Millimeter Wave Massive MIMO Channel Estimation. IEEE Wireless Communications Letters, 2023, 12, 1608-1612.	4.2	17
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76	Spectrum-Energy-Economy Efficiency Analysis of B5G Wireless Communication Systems With Separated Indoor/Outdoor Scenarios. IEEE Transactions on Wireless Communications, 2023, 22, 9718-9731.	8.3	8
77	A Novel SAGE Algorithm for Estimating Parameters of Wideband Spatial Nonstationary Wireless Channels With Antenna Polarization. IEEE Transactions on Antennas and Propagation, 2023, 71, 7457-7472.	4.3	13
78	Improvement on Doppler Reconstruction in Multiprobe OTA Setups for Directional-Antenna Devices. IEEE Transactions on Vehicular Technology, 2023, 72, 15142-15153.	5.7	1
79	A Complete Study of Space-Time-Frequency Statistical Properties of the 6G Pervasive Channel Model. IEEE Transactions on Communications, 2023, 71, 7273-7287.	6.2	83
80	Impact of Dynamic Traffic on Vehicle-to-Vehicle Visible Light Communication Systems. IEEE Systems Journal, 2022, 16, 3512-3521.	3.9	23
81	HF Skywave Massive MIMO Communication. IEEE Transactions on Wireless Communications, 2022, 21, 2769-2785.	8.3	33
82	A 3D Non-Stationary Wideband Massive MIMO Channel Model Based on Ray-Level Evolution. IEEE Transactions on Communications, 2022, 70, 621-634.	6.2	21
83	A Novel 3D Non-Stationary Maritime Wireless Channel Model. IEEE Transactions on Communications, 2022, 70, 2102-2116.	6.2	34
84	Novel Multiple RIS-Assisted Communications for 6G Networks. IEEE Communications Letters, 2022, 26, 1413-1417.	3.4	41
85	Improvement of the Cluster-Level Spatial Consistency of Channel Simulator With Reference Points Transition Method. IEEE Transactions on Vehicular Technology, 2022, 71, 5867-5879.	5.7	2
86	Artificial Intelligence Enabled Radio Propagation for Communicationsâ€”Part I: Channel Characterization and Antenna-Channel Optimization. IEEE Transactions on Antennas and Propagation, 2022, 70, 3939-3954.	4.3	98
87	Artificial Intelligence Enabled Radio Propagation for Communicationsâ€”Part II: Scenario Identification and Channel Modeling. IEEE Transactions on Antennas and Propagation, 2022, 70, 3955-3969.	4.3	159
88	A Novel 3D Non-Stationary Channel Model for 6G Indoor Visible Light Communication Systems. IEEE Transactions on Wireless Communications, 2022, 21, 8292-8307.	8.3	39
89	Multiple Angles of Arrival Estimation Using Broadband Signals and a Nonuniform Planar Array. IEEE Transactions on Communications, 2022, 70, 4093-4106.	6.2	4
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92	Reconfigurable Intelligent Surfaces: Channel Characterization and Modeling. Proceedings of the IEEE, 2022, 110, 1290-1311.	9.5	110
93	Time-Varying Channel Estimation Scheme for Uplink MU-MIMO in 6G Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 11820-11831.	5.7	31
94	Classification and Comparison of Massive MIMO Propagation Channel Models. IEEE Internet of Things Journal, 2022, 9, 23452-23471.	6.9	31
95	Channel Measurements and Modeling for 400â€“600-MHz Bands in Urban and Suburban Scenarios. IEEE Internet of Things Journal, 2021, 8, 5531-5543.	6.9	28
96	A Novel Nonstationary 6G UAV-to-Ground Wireless Channel Model With 3-D Arbitrary Trajectory Changes. IEEE Internet of Things Journal, 2021, 8, 9865-9877.	6.9	125
97	Cell-Free Satellite-UAV Networks for 6G Wide-Area Internet of Things. IEEE Journal on Selected Areas in Communications, 2021, 39, 1116-1131.	11.0	181
98	Performance analysis and power allocation of mixed-ADC multi-cell millimeter-wave massive MIMO systems with antenna selection. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 571-585.	1.9	4
99	A General 3D Non-Stationary Wireless Channel Model for 5G and Beyond. IEEE Transactions on Wireless Communications, 2021, 20, 3211-3224.	8.3	169
100	Broadband Extended Array Response-Based Subspace Multiparameter Estimation Method for Multipolarized Wireless Channel Measurements. IEEE Transactions on Communications, 2021, 69, 3298-3312.	6.2	7
101	Hybrid Satellite-Terrestrial Communication Networks for the Maritime Internet of Things: Key Technologies, Opportunities, and Challenges. IEEE Internet of Things Journal, 2021, 8, 8910-8934.	6.9	292
102	A 3D Non-Stationary Channel Model for 6G Wireless Systems Employing Intelligent Reflecting Surfaces With Practical Phase Shifts. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 496-510.	5.2	63
103	A General 3D Space-Time-Frequency Non-Stationary THz Channel Model for 6G Ultra-Massive MIMO Wireless Communication Systems. IEEE Journal on Selected Areas in Communications, 2021, 39, 1576-1589.	11.0	87
104	A Novel B5G Frequency Nonstationary Wireless Channel Model. IEEE Transactions on Antennas and Propagation, 2021, 69, 4846-4860.	4.3	19
105	5G Embraces Satellites for 6G Ubiquitous IoT: Basic Models for Integrated Satellite Terrestrial Networks. IEEE Internet of Things Journal, 2021, 8, 14399-14417.	6.9	223
106	A Novel Non-Stationary 6G UAV Channel Model for Maritime Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 2992-3005.	11.0	92
107	3D Non-Stationary Wideband UAV-to-Ground MIMO Channel Models Based on Aeronautic Random Mobility Model. IEEE Transactions on Vehicular Technology, 2021, 70, 11154-11168.	5.7	62
108	A Novel 3D Non-Stationary GBSM for 6G THz Ultra-Massive MIMO Wireless Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 12312-12324.	5.7	44

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109	Key Technologies in 6G Terahertz Wireless Communication Systems: A Survey. IEEE Vehicular Technology Magazine, 2021, 16, 27-37.	2.6	102
110	A Big Data Enabled Channel Model for 5G Wireless Communication Systems. IEEE Transactions on Big Data, 2020, 6, 211-222.	3.9	106
111	3D Non-Stationary Wideband Tunnel Channel Models for 5G High-Speed Train Wireless Communications. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 259-272.	7.8	45
112	Optimal Beamforming for Hybrid Satellite Terrestrial Networks With Nonlinear PA and Imperfect CSIT. IEEE Wireless Communications Letters, 2020, 9, 276-280.	4.2	18
113	A Novel 3D UAV Channel Model for A2G Communication Environments Using AoD and AoA Estimation Algorithms. IEEE Transactions on Communications, 2020, 68, 7232-7246.	6.2	95
114	In-building coverage of millimeter-wave wireless networks from channel measurement and modeling perspectives. Science China Information Sciences, 2020, 63, .	4.0	12
115	IEEE TCCN Special Section Editorial: Intelligent Resource Management for 5G and Beyond. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 422-427.	5.2	1
116	Enabling 5G on the Ocean: A Hybrid Satellite-UAV-Terrestrial Network Solution. IEEE Wireless Communications, 2020, 27, 116-121.	5.2	151
117	A 3D Non-Stationary GBSM for Vehicular Visible Light Communication MISO Channels. IEEE Access, 2020, 8, 140333-140347.	3.0	24
118	6G Wireless Channel Measurements and Models: Trends and Challenges. IEEE Vehicular Technology Magazine, 2020, 15, 22-32.	2.6	528
119	Multi-Frequency Multi-Scenario Millimeter Wave MIMO Channel Measurements and Modeling for B5G Wireless Communication Systems. IEEE Journal on Selected Areas in Communications, 2020, 38, 2010-2025.	11.0	132
120	Special Issue on Wireless Big Data. IEEE Transactions on Big Data, 2020, 6, 209-210.	3.9	1
121	A 3-D Geometry-Based Stochastic Model for Unmanned Aerial Vehicle MIMO Ricean Fading Channels. IEEE Internet of Things Journal, 2020, 7, 8674-8687.	6.9	53
122	Deep Reinforcement Learning for Dynamic Spectrum Sensing and Aggregation in Multi-Channel Wireless Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 464-475.	5.2	81
123	Artificial Intelligence Enabled Wireless Networking for 5G and Beyond: Recent Advances and Future Challenges. IEEE Wireless Communications, 2020, 27, 16-23.	5.2	263
124	Multi-Feature Fusion Based Recognition and Relevance Analysis of Propagation Scenes for High-Speed Railway Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 8107-8118.	5.7	31
125	BER Performance of Spatial Modulation Systems Under a Non-Stationary Massive MIMO Channel Model. IEEE Access, 2020, 8, 44547-44558.	3.0	9
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128	A Study of 2D Non-Stationary Massive MIMO Channels by Transformation of Delay and Angular Power Spectral Densities. IEEE Transactions on Vehicular Technology, 2020, 69, 14212-14224.	5.7	9
129	Novel 3-D Nonstationary MmWave Massive MIMO Channel Models for 5G High-Speed Train Wireless Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 2077-2086.	5.7	105
130	A 3D Non-Stationary Wideband GBSM for Low-Altitude UAV-to-Ground V2V MIMO Channels. IEEE Access, 2019, 7, 70719-70732.	3.0	69
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132	Recent Developments and Future Challenges in Channel Measurements and Models for 5G and Beyond High-Speed Train Communication Systems. IEEE Communications Magazine, 2019, 57, 50-56.	3.0	57
133	Prediction of Channel Excess Attenuation for Satellite Communication Systems at Q-Band Using Artificial Neural Network. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2235-2239.	3.5	32
134	Energy Efficient Power Allocation for Delay Constrained Cognitive Satellite Terrestrial Networks Under Interference Constraints. IEEE Transactions on Wireless Communications, 2019, 18, 4957-4969.	8.3	83
135	Temporal Correlations for a Non-Stationary Vehicle-to-Vehicle Channel Model Allowing Velocity Variations. IEEE Communications Letters, 2019, 23, 1280-1284.	3.4	19
136	A 3D Wideband Non-Stationary Multi-Mobility Model for Vehicle-to-Vehicle MIMO Channels. IEEE Access, 2019, 7, 32562-32577.	3.0	43
137	Towards Energy-Efficient Underlaid Device-to-Device Communications: A Joint Resource Management Approach. IEEE Access, 2019, 7, 31385-31396.	3.0	23
138	Generative-Adversarial-Network-Based Wireless Channel Modeling: Challenges and Opportunities. IEEE Communications Magazine, 2019, 57, 22-27.	3.0	152
139	Power Allocation in Cognitive Satellite-Vehicular Networks From Energy-Spectral Efficiency Tradeoff Perspective. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 318-329.	5.2	38
140	Spatial Correlations of a 3-D Non-Stationary MIMO Channel Model With 3-D Antenna Arrays and 3-D Arbitrary Trajectories. IEEE Wireless Communications Letters, 2019, 8, 512-515.	4.2	27
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142	Accuracy-Complexity Tradeoff Analysis and Complexity Reduction Methods for Non-Stationary IMT-A MIMO Channel Models. IEEE Access, 2019, 7, 178047-178062.	3.0	17
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144	FEMOS: Fog-Enabled Multitier Operations Scheduling in Dynamic Wireless Networks. IEEE Internet of Things Journal, 2018, 5, 1169-1183.	6.9	65

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146	Energy efficient power allocation for underlaying mobile D2D communications with peak/average interference constraints. Science China Information Sciences, 2018, 61, .	4.0	7
147	Secure NOMA Based Two-Way Relay Networks Using Artificial Noise and Full Duplex. IEEE Journal on Selected Areas in Communications, 2018, 36, 1426-1440.	11.0	129
148	Visible Light Communication System Evaluations With Integrated Hardware and Optical Parameters. IEEE Transactions on Communications, 2018, 66, 4059-4073.	6.2	4
149	Outage Performance of NOMA-Based Hybrid Satellite-Terrestrial Relay Networks. IEEE Wireless Communications Letters, 2018, 7, 538-541.	4.2	105
150	A General 3-D Non-Stationary 5G Wireless Channel Model. IEEE Transactions on Communications, 2018, 66, 3065-3078.	6.2	292
151	Energy Efficient Adaptive Transmissions in Integrated Satellite-Terrestrial Networks With SER Constraints. IEEE Transactions on Wireless Communications, 2018, 17, 210-222.	8.3	87
152	Quadrature Space-Frequency Index Modulation for Energy-Efficient 5G Wireless Communication Systems. IEEE Transactions on Communications, 2018, 66, 3050-3064.	6.2	20
153	Energy-Spectral Efficiency Trade-Off in Underlaying Mobile D2D Communications: An Economic Efficiency Perspective. IEEE Transactions on Wireless Communications, 2018, 17, 4288-4301.	8.3	46
154	Power Domain Non-Orthogonal Transmission for Cellular Mobile Broadcasting: Basic Scheme, System Design, and Coverage Performance. IEEE Wireless Communications, 2018, 25, 90-99.	5.2	21
155	Capacity and Delay Tradeoff of Secondary Cellular Networks With Spectrum Aggregation. IEEE Transactions on Wireless Communications, 2018, 17, 3974-3987.	8.3	8
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158	Parallel Channel Sounder for MIMO Channel Measurements. IEEE Wireless Communications, 2018, 25, 16-22.	5.2	16
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160	Guest Editorial Airborne Communication Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 1903-1906.	11.0	6
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164	Optical Wireless Communication Channel Measurements and Models. IEEE Communications Surveys and Tutorials, 2018, 20, 1939-1962.	34.6	254
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