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List of Publications by Year
in descending order

430 papers	12,275 citations	25034 57 h-index	42399 92 g-index
433 all docs	433 docs citations	433 times ranked	6161 citing authors

#	Article	IF	Citations
1	Challenges Toward Wireless Communications for High-Speed Railway. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 2143-2158.	8.0	376
2	Cell-Free Massive MIMO: A New Next-Generation Paradigm. IEEE Access, 2019, 7, 99878-99888.	4.2	285
3	Future railway services-oriented mobile communications network. IEEE Communications Magazine, 2015, 53, 78-85.	6.1	271
4	High-Speed Railway Communications: From GSM-R to LTE-R. IEEE Vehicular Technology Magazine, 2016, 11, 49-58.	3.4	240
5	When Mobile Crowd Sensing Meets UAV: Energy-Efficient Task Assignment and Route Planning. IEEE Transactions on Communications, 2018, 66, 5526-5538.	7.8	221
6	The Design and Applications of High-Performance Ray-Tracing Simulation Platform for 5G and Beyond Wireless Communications: A Tutorial. IEEE Communications Surveys and Tutorials, 2019, 21, 10-27.	39.4	221
7	5G Key Technologies for Smart Railways. Proceedings of the IEEE, 2020, 108, 856-893.	21.3	192
8	On Indoor Millimeter Wave Massive MIMO Channels: Measurement and Simulation. IEEE Journal on Selected Areas in Communications, 2017, 35, 1678-1690.	14.0	188
9	A Non-Stationary Wideband Channel Model for Massive MIMO Communication Systems. IEEE Transactions on Wireless Communications, 2015, 14, 1434-1446.	9.2	183
10	Channel Measurements and Models for High-Speed Train Communication Systems: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 974-987.	39.4	181
11	Terahertz Communication for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 5617-5625.	6.3	180
12	Propagation Channels of 5G Millimeter-Wave Vehicle-to-Vehicle Communications: Recent Advances and Future Challenges. IEEE Vehicular Technology Magazine, 2020, 15, 16-26.	3.4	174
13	Vehicle-to-Vehicle Propagation Models With Large Vehicle Obstructions. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 2237-2248.	8.0	171
14	Geometrical-Based Modeling for Millimeter-Wave MIMO Mobile-to-Mobile Channels. IEEE Transactions on Vehicular Technology, 2018, 67, 2848-2863.	6.3	166
15	Envelope Level Crossing Rate and Average Fade Duration of Nonisotropic Vehicle-to-Vehicle Ricean Fading Channels. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 62-72.	8.0	165
16	Measurements and Analysis of Propagation Channels in High-Speed Railway Viaducts. IEEE Transactions on Wireless Communications, 2013, 12, 794-805.	9.2	164
17	Cooperative MIMO Channel Modeling and Multi-Link Spatial Correlation Properties. IEEE Journal on Selected Areas in Communications, 2012, 30, 388-396.	14.0	153
18	On the Synchronization Techniques for Wireless OFDM Systems. IEEE Transactions on Broadcasting, 2006, 52, 236-244.	3.2	131

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19	Mixed-ADC/DAC Multipair Massive MIMO Relaying Systems: Performance Analysis and Power Optimization. IEEE Transactions on Communications, 2019, 67, 140-153.	7.8	125
20	Channel Estimation for Cell-Free mmWave Massive MIMO Through Deep Learning. IEEE Transactions on Vehicular Technology, 2019, 68, 10325-10329.	6.3	124
21	An Empirical Path Loss Model and Fading Analysis for High-Speed Railway Viaduct Scenarios. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 808-812.	4.0	121
22	A Kernel-Power-Density-Based Algorithm for Channel Multipath Components Clustering. IEEE Transactions on Wireless Communications, 2017, 16, 7138-7151.	9.2	119
23	Channel Measurement, Simulation, and Analysis for High-Speed Railway Communications in 5G Millimeter-Wave Band. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3144-3158.	8.0	117
24	Reliable Task Offloading for Vehicular Fog Computing Under Information Asymmetry and Information Uncertainty. IEEE Transactions on Vehicular Technology, 2019, 68, 8322-8335.	6.3	112
25	Short-Term Fading Behavior in High-Speed Railway Cutting Scenario: Measurements, Analysis, and Statistical Models. IEEE Transactions on Antennas and Propagation, 2013, 61, 2209-2222.	5.1	110
26	Towards Realistic High-Speed Train Channels at 5G Millimeter-Wave Bandâ€"Part I: Paradigm, Significance Analysis, and Scenario Reconstruction. IEEE Transactions on Vehicular Technology, 2018, 67, 9112-9128.	6.3	109
27	Structured Massive Access for Scalable Cell-Free Massive MIMO Systems. IEEE Journal on Selected Areas in Communications, 2021, 39, 1086-1100.	14.0	102
28	Novel 3D Geometry-Based Stochastic Models for Non-Isotropic MIMO Vehicle-to-Vehicle Channels. IEEE Transactions on Wireless Communications, 2014, 13, 298-309.	9.2	100
29	Stochastic Channel Modeling for Kiosk Applications in the Terahertz Band. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 502-513.	3.1	98
30	Characterization of Quasi-Stationarity Regions for Vehicle-to-Vehicle Radio Channels. IEEE Transactions on Antennas and Propagation, 2015, 63, 2237-2251.	5.1	95
31	Deep Transfer Learning-Based Downlink Channel Prediction for FDD Massive MIMO Systems. IEEE Transactions on Communications, 2020, 68, 7485-7497.	7.8	92
32	Resource Allocation for Device-to-Device Communications Underlaying Heterogeneous Cellular Networks Using Coalitional Games. IEEE Transactions on Wireless Communications, 2018, 17, 4163-4176.	9.2	91
33	Assessment of LTE-R Using High Speed Railway Channel Model. , 2011, , .		87
34	Machine Learning-Enabled LOS/NLOS Identification for MIMO Systems in Dynamic Environments. IEEE Transactions on Wireless Communications, 2020, 19, 3643-3657.	9.2	85
35	Propagation Measurements and Analysis for Train Stations of High-Speed Railway at 930 MHz. IEEE Transactions on Vehicular Technology, 2014, 63, 3499-3516.	6.3	84
36	Clustering Enabled Wireless Channel Modeling Using Big Data Algorithms. , 2018, 56, 177-183.		84

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37	A Wideband Non-Stationary Air-to-Air Channel Model for UAV Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 1214-1226.	6.3	78
38	An Improved Parameter Computation Method for a MIMO V2V Rayleigh Fading Channel Simulator Under Non-Isotropic Scattering Environments. IEEE Communications Letters, 2013, 17, 265-268.	4.1	75
39	Tabu-Search-Based Pilot Assignment for Cell-Free Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 2286-2290.	6.3	75
40	Reconfigurable Intelligent Surface Assisted Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2021, 20, 2792-2804.	9.2	75
41	Vehicle-to-Vehicle Radio Channel Characterization in Crossroad Scenarios. IEEE Transactions on Vehicular Technology, 2016, 65, 5850-5861.	6.3	74
42	Channel Estimation With Expectation Maximization and Historical Information Based Basis Expansion Model for Wireless Communication Systems on High Speed Railways. IEEE Access, 2018, 6, 72-80.	4.2	74
43	Spectral Efficiency of Multipair Massive MIMO Two-Way Relaying With Hardware Impairments. IEEE Wireless Communications Letters, 2018, 7, 14-17.	5.0	74
44	5-GHz Obstructed Vehicle-to-Vehicle Channel Characterization for Internet of Intelligent Vehicles. IEEE Internet of Things Journal, 2019, 6, 100-110.	8.7	74
45	An Empirical Air-to-Ground Channel Model Based on Passive Measurements in LTE. IEEE Transactions on Vehicular Technology, 2019, 68, 1140-1154.	6.3	72
46	Impact of UAV Rotation on MIMO Channel Characterization for Air-to-Ground Communication Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 12418-12431.	6.3	72
47	Channel Characterization for Intra-Wagon Communication at 60 and 300 GHz Bands. IEEE Transactions on Vehicular Technology, 2019, 68, 5193-5207.	6.3	68
48	Deterministic Propagation Modeling for the Realistic High-Speed Railway Environment. , 2013, , .		67
49	Measurements and Analysis of Large-Scale Fading Characteristics in Curved Subway Tunnels at 920 MHz, 2400 MHz, and 5705 MHz. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2393-2405.	8.0	67
50	Graph Coloring Based Pilot Assignment for Cell-Free Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 9180-9184.	6.3	67
51	A Dynamic Wideband Directional Channel Model for Vehicle-to-Vehicle Communications. IEEE Transactions on Industrial Electronics, 2015, 62, 7870-7882.	7.9	66
52	On the Clustering of Radio Channel Impulse Responses Using Sparsity-Based Methods. IEEE Transactions on Antennas and Propagation, 2016, 64, 2465-2474.	5.1	66
53	Two-Dimension Direction-of-Arrival Estimation for Massive MIMO Systems. IEEE Access, 2015, 3, 2122-2128.	4.2	65
54	Artificial Neural Network Based Path Loss Prediction for Wireless Communication Network. IEEE Access, 2020, 8, 199523-199538.	4.2	64

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55	Millimeter Wave Communications With Reconfigurable Intelligent Surfaces: Performance Analysis and Optimization. IEEE Transactions on Communications, 2021, 69, 2752-2768.	7.8	63
56	Towards Realistic High-Speed Train Channels at 5G Millimeter-Wave Bandâ€"Part II: Case Study for Paradigm Implementation. IEEE Transactions on Vehicular Technology, 2018, 67, 9129-9144.	6.3	62
57	Measurement, Simulation, and Characterization of Train-to-Infrastructure Inside-Station Channel at the Terahertz Band. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 291-306.	3.1	60
58	Radio Wave Propagation Scene Partitioning for High-Speed Rails. International Journal of Antennas and Propagation, 2012, 2012, 1-7.	1.2	59
59	Wireless Image Transmission Using Deep Source Channel Coding With Attention Modules. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2315-2328.	8.3	59
60	Impact of Channel Aging on Cell-Free Massive MIMO Over Spatially Correlated Channels. IEEE Transactions on Wireless Communications, 2021, 20, 6451-6466.	9.2	59
61	Artificial Intelligence Enabled Radio Propagation for Communicationsâ€"Part II: Scenario Identification and Channel Modeling. IEEE Transactions on Antennas and Propagation, 2022, 70, 3955-3969.	5.1	58
62	Handover schemes and algorithms of high-speed mobile environment: A survey. Computer Communications, 2014, 47, 1-15.	5.1	57
63	Physical Layer Security Over Fluctuating Two-Ray Fading Channels. IEEE Transactions on Vehicular Technology, 2018, 67, 8949-8953.	6.3	57
64	Mobility Model-Based Non-Stationary Mobile-to-Mobile Channel Modeling. IEEE Transactions on Wireless Communications, 2018, 17, 4388-4400.	9.2	54
65	A Cluster-Based Three-Dimensional Channel Model for Vehicle-to-Vehicle Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 5208-5220.	6.3	54
66	Efficient Receiver Design for Uplink Cell-Free Massive MIMO With Hardware Impairments. IEEE Transactions on Vehicular Technology, 2020, 69, 4537-4541.	6.3	53
67	A Compact Hepta-Band Mode-Composite Antenna for Sub (6, 28, and 38) GHz Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 2593-2602.	5.1	53
68	Finite-State Markov Modeling for High-Speed Railway Fading Channels. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 954-957.	4.0	52
69	Wireless Channel Sparsity: Measurement, Analysis, and Exploitation in Estimation. IEEE Wireless Communications, 2021, 28, 113-119.	9.0	52
70	Physical Layer Security Enhancement With Reconfigurable Intelligent Surface-Aided Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 3480-3495.	6.9	50
71	Channel Estimation for mmWave Massive MIMO With Convolutional Blind Denoising Network. IEEE Communications Letters, 2020, 24, 95-98.	4.1	49
72	Complete Propagation Model in Tunnels. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 741-744.	4.0	48

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73	Propagation Measurements and Modeling of Crossing Bridges on High-Speed Railway at 930 MHz. IEEE Transactions on Vehicular Technology, 2014, 63, 502-517.	6.3	48
74	Performance Analysis of RIS-Aided Systems With Practical Phase Shift and Amplitude Response. IEEE Transactions on Vehicular Technology, 2021, 70, 4501-4511.	6.3	48
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76	Deviceâ€toâ€device channel measurements and models: a survey. IET Communications, 2015, 9, 312-325.	2.2	46
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78	Millimeter-Wave Propagation Modeling and Measurements for 5G Mobile Networks. IEEE Wireless Communications, 2019, 26, 72-77.	9.0	43
79	Uplink Performance of Cell-Free Massive MIMO Over Spatially Correlated Rician Fading Channels. IEEE Communications Letters, 2021, 25, 1348-1352.	4.1	43
80	Local Partial Zero-Forcing Combining for Cell-Free Massive MIMO Systems. IEEE Transactions on Communications, 2021, 69, 8459-8473.	7.8	43
81	Two-Cylinder and Multi-Ring GBSSM for Realizing and Modeling of Vehicle-to-Vehicle Wideband MIMO Channels. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2787-2799.	8.0	42
82	Improving Sum-Rate of Cell-Free Massive MIMO With Expanded Compute-and-Forward. IEEE Transactions on Signal Processing, 2022, 70, 202-215.	5.3	42
83	On the Influence of Scattering From Traffic Signs in Vehicle-to-X Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 5835-5849.	6.3	40
84	A Geometry-Based Stochastic Channel Model for the Millimeter-Wave Band in a 3GPP High-Speed Train Scenario. IEEE Transactions on Vehicular Technology, 2018, 67, 3853-3865.	6.3	40
85	Measurement-Based Modeling and Analysis of UAV Air-Ground Channels at 1 and 4ÂGHz. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1804-1808.	4.0	40
86	Effective Rate of MISO Systems Over Fisherâ€"Snedecor <inline-formula> <tex-math notation="LaTeX">$mathcal{F}$ </tex-math> </inline-formula> Fading Channels. IEEE Communications Letters, 2018, 22, 2619-2622.	4.1	39
87	UAV Communications With WPT-Aided Cell-Free Massive MIMO Systems. IEEE Journal on Selected Areas in Communications, 2021, 39, 3114-3128.	14.0	39
88	Scatterer Localization Using Large-Scale Antenna Arrays Based on a Spherical Wave-Front Parametric Model. IEEE Transactions on Wireless Communications, 2017, 16, 6543-6556.	9.2	38
89	Ultra-Reliable Communications for Industrial Internet of Things: Design Considerations and Channel Modeling. IEEE Network, 2019, 33, 104-111.	6.9	38
90	Resource Allocation for Device-to-Device Communications in Multi-Cell Multi-Band Heterogeneous Cellular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 4760-4773.	6.3	38

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91	Channel Characteristics in High-Speed Railway: A Survey of Channel Propagation Properties. IEEE Vehicular Technology Magazine, 2015, 10, 67-78.	3.4	37
92	A survey on high-speed railway communications: A radio resource management perspective. Computer Communications, 2016, 86, 12-28.	5.1	37
93	Trajectory-Joint Clustering Algorithm for Time-Varying Channel Modeling. IEEE Transactions on Vehicular Technology, 2020, 69, 1041-1045.	6.3	37
94	A Ka -Band 3-D-Printed Wideband Stepped Waveguide-Fed Magnetoelectric Dipole Antenna Array. IEEE Transactions on Antennas and Propagation, 2020, 68, 2724-2735.	5.1	36
95	Channel Estimation for Semi-Passive Reconfigurable Intelligent Surfaces With Enhanced Deep Residual Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 11083-11088.	6.3	36
96	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.	5.1	36
97	Spectral/Energy Efficiency Tradeoff of Cellular Systems With Mobile Femtocell Deployment. IEEE Transactions on Vehicular Technology, 2016, 65, 3389-3400.	6.3	35
98	Measurements and Cluster-Based Modeling of Vehicle-to-Vehicle Channels With Large Vehicle Obstructions. IEEE Transactions on Wireless Communications, 2020, 19, 5860-5874.	9.2	35
99	A Non-Stationary Geometry-Based MIMO Channel Model for Millimeter-Wave UAV Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 2960-2974.	14.0	35
100	RIS-Aided Next-Generation High-Speed Train Communications: Challenges, Solutions, and Future Directions. IEEE Wireless Communications, 2021, 28, 145-151.	9.0	35
101	Empirical Models for Extra Propagation Loss of Train Stations on High-Speed Railway. IEEE Transactions on Antennas and Propagation, 2014, 62, 1395-1408.	5.1	34
102	Relay-Assisted and QoS Aware Scheduling to Overcome Blockage in mmWave Backhaul Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 1733-1744.	6.3	34
103	Channel Sounding and Ray Tracing for Intrawagon Scenario at mmWave and Sub-mmWave Bands. IEEE Transactions on Antennas and Propagation, 2021, 69, 1007-1019.	5.1	34
104	Measurements and analysis of short-term fading behavior for high-speed rail viaduct scenario. , 2012, , .		33
105	An Efficient MIMO Channel Model for LTE-R Network in High-Speed Train Environment. IEEE Transactions on Vehicular Technology, 2019, 68, 3189-3200.	6.3	33
106	ADMM Based Channel Estimation for RISs Aided Millimeter Wave Communications. IEEE Communications Letters, 2021, 25, 2894-2898.	4.1	33
107	Analysis of the Relation Between Fresnel Zone and Path Loss Exponent Based on Two-Ray Model. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 208-211.	4.0	32
108	Shadow Fading Correlation in High-Speed Railway Environments. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	6.3	32

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109	Influence of Typical Railway Objects in a mmWave Propagation Channel. IEEE Transactions on Vehicular Technology, 2018, 67, 2880-2892.	6.3	32
110	Channel Non-Line-of-Sight Identification Based on Convolutional Neural Networks. IEEE Wireless Communications Letters, 2020, 9, 1500-1504.	5.0	32
111	Reconfigurable Intelligent Surfaces With Outdated Channel State Information: Centralized vs. Distributed Deployments. IEEE Transactions on Communications, 2022, 70, 2742-2756.	7.8	32
112	Path loss measurements and analysis for high-speed railway viaduct scene. , 2010, , .		31
113	Semi-Deterministic Path-Loss Modeling for Viaduct and Cutting Scenarios of High-Speed Railway. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 789-792.	4.0	31
114	Coded Tandem Spreading Multiple Access for Massive Machine-Type Communications. IEEE Wireless Communications, 2018, 25, 75-81.	9.0	30
115	Shadowing Characterization for 5-GHz Vehicle-to-Vehicle Channels. IEEE Transactions on Vehicular Technology, 2018, 67, 1855-1866.	6.3	30
116	Two-Way Hybrid Terrestrial-Satellite Relaying Systems: Performance Analysis and Relay Selection. IEEE Transactions on Vehicular Technology, 2019, 68, 7011-7023.	6.3	30
117	On the Performance of Dual-Hop Systems Over Mixed FSO/mmWave Fading Channels. IEEE Open Journal of the Communications Society, 2020, 1, 477-489.	6.9	30
118	Machine-Learning-Based Fast Angle-of-Arrival Recognition for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 1592-1605.	6.3	30
119	A Joint Design for STAR-RIS Enhanced NOMA-CoMP Networks: A Simultaneous-Signal-Enhancement-and-Cancellation-Based (SSECB) Design. IEEE Transactions on Vehicular Technology, 2022, 71, 1043-1048.	6.3	29
120	Influence Analysis of Typical Objects in Rural Railway Environments at 28 GHz. IEEE Transactions on Vehicular Technology, 2019, 68, 2066-2076.	6.3	28
121	Efficient Hybrid Beamforming With Anti-Blockage Design for High-Speed Railway Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 9643-9655.	6.3	28
122	Energy-Constrained Computation Offloading in Space-Air-Ground Integrated Networks Using Distributionally Robust Optimization. IEEE Transactions on Vehicular Technology, 2021, 70, 12113-12125.	6.3	28
123	Scenario modules, rayâ€tracing simulations and analysis of millimetre wave and terahertz channels for smart rail mobility. IET Microwaves, Antennas and Propagation, 2018, 12, 501-508.	1.4	27
124	Dynamic mmWave beam tracking for high speed railway communications. , 2018, , .		27
125	A Power-Angle-Spectrum Based Clustering and Tracking Algorithm for Time-Varying Radio Channels. IEEE Transactions on Vehicular Technology, 2019, 68, 291-305.	6.3	27
126	Measurement-Based Characterizations of Indoor Massive MIMO Channels at 2 GHz, 4 GHz, and 6 GHz Frequency Bands. , 2016, , .		26

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127	Wireless powered UAV relay communications over fluctuating two-ray fading channels. Physical Communication, 2019, 35, 100724.	2.1	26
128	Sum of Squared Fluctuating Two-Ray Random Variables With Wireless Applications. IEEE Transactions on Vehicular Technology, 2019, 68, 8173-8177.	6.3	26
129	Characterization for the Vehicle-to-Infrastructure Channel in Urban and Highway Scenarios at the Terahertz Band. IEEE Access, 2019, 7, 166984-166996.	4.2	26
130	Dual-Hop Relaying Communications Over Fisher-Snedecor <i>F</i>-Fading Channels. IEEE Transactions on Communications, 2020, 68, 2695-2710.	7.8	26
131	Machine-Learning-Based Scenario Identification Using Channel Characteristics in Intelligent Vehicular Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3961-3974.	8.0	26
132	FIVE-ZONE PROPAGATION MODEL FOR LARGE-SIZE VEHICLES INSIDE TUNNELS. Progress in Electromagnetics Research, 2013, 138, 389-405.	4.4	25
133	Licensed and Unlicensed Spectrum Management for Cognitive M2M: A Context-Aware Learning Approach. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 915-925.	7.9	25
134	Deep-Learning-Based Spatialâ€"Temporal Channel Prediction for Smart High-Speed Railway Communication Networks. IEEE Transactions on Wireless Communications, 2022, 21, 5333-5345.	9.2	25
135	Uplink Performance of Cell-Free Massive MIMO With Multi-Antenna Users Over Jointly-Correlated Rayleigh Fading Channels. IEEE Transactions on Wireless Communications, 2022, 21, 7391-7406.	9.2	25
136	Propagation channel measurements and analysis at 2.4 GHz in subway tunnels. IET Microwaves, Antennas and Propagation, 2013, 7, 934-941.	1.4	24
137	A Measurement-Based Stochastic Model for High-Speed Railway Channels. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1120-1135.	8.0	24
138	Cluster-Based 3-D Channel Modeling for Massive MIMO in Subway Station Environment. IEEE Access, 2018, 6, 6257-6272.	4.2	24
139	Geometry-Cluster-Based Stochastic MIMO Model for Vehicle-to-Vehicle Communications in Street Canyon Scenarios. IEEE Transactions on Wireless Communications, 2021, 20, 755-770.	9.2	24
140	A Millimeter-Wave Wideband Dual-Polarized Antenna Array With 3-D-Printed Air-Filled Differential Feeding Cavities. IEEE Transactions on Antennas and Propagation, 2022, 70, 1020-1032.	5.1	23
141	Scenario modules and ray-tracing simulations of millimeter wave and terahertz channels for smart rail mobility. , 2017, , .		22
142	Propagation measurements and analysis of fading behavior for high speed rail cutting scenarios. , 2012, , .		21
143	Modeling of the Division Point of Different Propagation Mechanisms in the Near-Region Within Arched Tunnels. Wireless Personal Communications, 2013, 68, 489-505.	2.7	21
144	A TDL Based Non-WSSUS Vehicle-to-Vehicle Channel Model. International Journal of Antennas and Propagation, 2013, 2013, 1-8.	1.2	21

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146	Measurement and Analysis of Extra Propagation Loss of Tunnel Curve. IEEE Transactions on Vehicular Technology, 2016, 65, 1847-1858.	6.3	21
147	A Cluster-Based Channel Model for Massive MIMO Communications in Indoor Hotspot Scenarios. IEEE Transactions on Wireless Communications, 2019, 18, 3856-3870.	9.2	21
148	V2V channel characterization and modeling for underground parking garages. China Communications, 2019, 16, 93-105.	3.2	21
149	On the Distribution of the Ratio of Products of Fisher-Snedecor $mathcal {F}$ Random Variables and Its Applications. IEEE Transactions on Vehicular Technology, 2020, 69, 1855-1866.	6.3	21
150	Time-Dependent Pricing for Bandwidth Slicing Under Information Asymmetry and Price Discrimination. IEEE Transactions on Communications, 2020, 68, 6975-6989.	7.8	21
151	Sum of Fisher-Snedecor <i>F</i> Random Variables and Its Applications. IEEE Open Journal of the Communications Society, 2020, 1, 342-356.	6.9	21
152	Channel Characterization and Capacity Analysis for THz Communication Enabled Smart Rail Mobility. IEEE Transactions on Vehicular Technology, 2021, 70, 4065-4080.	6.3	21
153	The Effect of Power Adjustment on Handover in High-Speed Railway Communication Networks. IEEE Access, 2017, 5, 26237-26250.	4.2	20
154	Mobility-Aware Transmission Scheduling Scheme for Millimeter-Wave Cells. IEEE Transactions on Wireless Communications, 2018, 17, 5991-6004.	9.2	20
155	Device-to-Device Communications Enabled Multicast Scheduling for mmWave Small Cells Using Multi-Level Codebooks. IEEE Transactions on Vehicular Technology, 2019, 68, 2724-2738.	6.3	20
156	When High-Speed Railway Networks Meet Multipath TCP: Supporting Dependable Communications. IEEE Wireless Communications Letters, 2020, 9, 202-205.	5.0	20
157	Measuring Sparsity of Wireless Channels. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 133-144.	7.9	20
158	When mmWave High-Speed Railway Networks Meet Reconfigurable Intelligent Surface: A Deep Reinforcement Learning Method. IEEE Wireless Communications Letters, 2022, 11, 533-537.	5.0	20
159	Distributed Gaussian Processes Hyperparameter Optimization for Big Data Using Proximal ADMM. IEEE Signal Processing Letters, 2019, 26, 1197-1201.	3.6	19
160	OTFS-TSMA for Massive Internet of Things in High-Speed Railway. IEEE Transactions on Wireless Communications, 2022, 21, 519-531.	9.2	19
161	A 3D Geometry-Based THz Channel Model for 6G Ultra Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 2251-2266.	6.3	19
162	Downlink Power Control for Cell-Free Massive MIMO With Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2022, 71, 6772-6777.	6.3	19

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163	Social Network Services for Rail Traffic Applications. IEEE Intelligent Systems, 2014, 29, 63-69.	4.0	18
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