

Miaowen Wen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

195 papers	4,300 citations	34 h-index	60 g-index
241 ext. papers	5,665 ext. citations	6.1 avg, IF	6.31 L-index

#	Paper	IF	Citations
195	Index Modulation Techniques for Next-Generation Wireless Networks. <i>IEEE Access</i> , 2017 , 5, 16693-16746	3.5	408
194	Wideband Channel Modeling and Intercarrier Interference Cancellation for Vehicle-to-Vehicle Communication Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 434-448	14.2	188
193	Multiple-Mode Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Transactions on Communications</i> , 2017 , 65, 3892-3906	6.9	177
192	A Survey on Spatial Modulation in Emerging Wireless Systems: Research Progresses and Applications. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1949-1972	14.2	170
191	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 1919-1932	4.8	163
190	Enhanced Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 4786-4801	9.6	116
189	Differential Spatial Modulation. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 1-1	6.8	112
188	Generalized Precoding-Aided Quadrature Spatial Modulation. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 1881-1886	6.8	109
187	Novel Receiver Design for the Cooperative Relaying System With Non-Orthogonal Multiple Access. <i>IEEE Communications Letters</i> , 2016 , 20, 1679-1682	3.8	108
186	Low-Complexity ML Detector and Performance Analysis for OFDM With In-Phase/Quadrature Index Modulation. <i>IEEE Communications Letters</i> , 2015 , 19, 1893-1896	3.8	106
185	Index Modulation for 5G: Striving to Do More with Less. <i>IEEE Wireless Communications</i> , 2018 , 25, 126-132	3.4	103
184	Index Modulation for 5G Wireless Communications. <i>Wireless Networks</i> , 2017 ,	0.6	99
183	Non-Orthogonal Multiple Access for Cooperative Communications: Challenges, Opportunities, and Trends. <i>IEEE Wireless Communications</i> , 2018 , 25, 109-117	13.4	83
182	Secure NOMA Based Two-Way Relay Networks Using Artificial Noise and Full Duplex. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 1426-1440	14.2	81
181	Cooperative NOMA Systems With Partial Channel State Information Over Nakagami- m Fading Channels. <i>IEEE Transactions on Communications</i> , 2018 , 66, 947-958	6.9	75
180	Multiple-Input Multiple-Output OFDM With Index Modulation: Low-Complexity Detector Design. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 2758-2772	4.8	74
179	Channel Estimation Schemes for IEEE 802.11p Standard. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2013 , 5, 38-49	2.6	70

178	Emerging Technologies for 5G-IoV Networks: Applications, Trends and Opportunities. <i>IEEE Network</i> , 2020 , 34, 283-289	11.4	69
177	Generalized Multiple-Mode OFDM With Index Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6531-6543	9.6	65
176	Index modulated OFDM for underwater acoustic communications 2016 , 54, 132-137		61
175	Layered Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Systems Journal</i> , 2019 , 13, 3793-3802	4.3	59
174	Spatial Modulation-Aided Cooperative NOMA: Performance Analysis and Comparative Study. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 715-728	7.5	58
173	MBID: Micro-Blockchain-Based Geographical Dynamic Intrusion Detection for V2X. <i>IEEE Communications Magazine</i> , 2019 , 57, 77-83	9.1	54
172	Adaptive Transmission for Reconfigurable Intelligent Surface-Assisted OFDM Wireless Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 2653-2665	14.2	48
171	Secrecy-Enhancing Scheme for Spatial Modulation. <i>IEEE Communications Letters</i> , 2018 , 22, 550-553	3.8	48
170	Use of SSK Modulation in Two-Way Amplify-and-Forward Relaying. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 1498-1504	6.8	47
169	Index Modulated OFDM Spread Spectrum. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 2360-2374	9.2	46
168	Reconfigurable Intelligent Surfaces With Reflection Pattern Modulation: Beamforming Design and Performance Analysis. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 1-1	9.6	45
167	Equiprobable Subcarrier Activation Method for OFDM With Index Modulation. <i>IEEE Communications Letters</i> , 2016 , 20, 2386-2389	3.8	45
166	. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 1834-1838	3.2	43
165	NOMA-Based Multi-Pair Two-Way Relay Networks With Rate Splitting and Group Decoding. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 2328-2341	14.2	40
164	Index modulated OFDM with interleaved grouping for V2X communications 2014 ,		39
163	Diversity Enhancing Multiple-Mode OFDM With Index Modulation. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3653-3666	6.9	36
162	A Dual-Hop Virtual MIMO Architecture Based on Hybrid Differential Spatial Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6356-6370	9.6	34
161	Differential Spatial Modulation With Gray Coded Antenna Activation Order. <i>IEEE Communications Letters</i> , 2016 , 20, 1100-1103	3.8	33

160	Optimizing the energy efficiency of OFDM with index modulation 2014 ,		33
159	Performance Analysis of Differential Spatial Modulation with Two Transmit Antennas. <i>IEEE Communications Letters</i> , 2014 , 18, 475-478	3.8	31
158	Space-Time Multiple-Mode Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Access</i> , 2017 , 5, 23212-23222	3.5	29
157	Spatial Modulated Full Duplex. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 641-644	5.9	29
156	Spatial Modulation for Molecular Communication. <i>IEEE Transactions on Nanobioscience</i> , 2019 , 18, 381-395	5.4	27
155	5G-Enabled UAV-to-Community Offloading: Joint Trajectory Design and Task Scheduling. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 1-1	14.2	27
154	The K-Best Sphere Decoding for Soft Detection of Generalized Spatial Modulation. <i>IEEE Transactions on Communications</i> , 2017 , 65, 4803-4816	6.9	24
153	Minimizing the Age-of-Critical-Information: An Imitation Learning-based Scheduling Approach Under Partial Observations. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	24
152	Low-Complexity Detection for Index Modulation Multiple Access. <i>IEEE Wireless Communications Letters</i> , 2020 , 1-1	5.9	19
151	Practical Implementation of Index Modulation-Based Waveforms. <i>IEEE Access</i> , 2017 , 5, 25463-25473	3.5	19
150	Reconfigurable Intelligent Surface Assisted Mobile Edge Computing With Heterogeneous Learning Tasks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 7, 369-382	6.6	19
149	Two-Stage Power Allocation for Dual-Hop Relaying Systems With Non-Orthogonal Multiple Access. <i>IEEE Access</i> , 2017 , 5, 2254-2261	3.5	18
148	Soft Demodulation Algorithms for Generalized Spatial Modulation Using Deterministic Sequential Monte Carlo. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 3953-3967	9.6	18
147	. <i>IEEE Transactions on Communications</i> , 2020 , 68, 6750-6760	6.9	18
146	Subcarrier Index Modulation for Future Wireless Networks: Principles, Applications, and Challenges. <i>IEEE Wireless Communications</i> , 2020 , 27, 118-125	13.4	17
145	Index Modulation Aided Subcarrier Mapping for Dual-Hop OFDM Relaying. <i>IEEE Transactions on Communications</i> , 2019 , 67, 6012-6024	6.9	17
144	. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 1472-1486	6.8	17
143	Dynamic UAV Deployment for Differentiated Services: A Multi-Agent Imitation Learning Based Approach. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	17

142	Information Guided Precoding for OFDM. <i>IEEE Access</i> , 2017 , 5, 19644-19656	3.5	15
141	. <i>IEEE Wireless Communications</i> , 2019 , 26, 152-159	13.4	15
140	Two-Stage Superposed Transmission for Cooperative NOMA Systems. <i>IEEE Access</i> , 2018 , 6, 3920-3931	3.5	15
139	Dynamic Spectrum Management via Machine Learning: State of the Art, Taxonomy, Challenges, and Open Research Issues. <i>IEEE Network</i> , 2019 , 33, 54-62	11.4	15
138	Non-Orthogonal Multiple Access for Dual-Hop Decode-and-Forward Relaying 2016 ,		15
137	Single-RF MIMO: From Spatial Modulation to Metasurface-Based Modulation. <i>IEEE Wireless Communications</i> , 2021 , 28, 88-95	13.4	15
136	Enabling Multicarrier Relay Selection by Sensing Fusion and Cascaded ANN for Intelligent Vehicular Communications. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	13
135	On the Performance of Cooperative OFDM-NOMA System With Index Modulation. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1346-1350	5.9	13
134	Error Probability Analysis of Interleaved SC-FDMA Systems Over Nakagami- m Frequency-Selective Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 748-761	6.8	13
133	Pre-Coding Aided Differential Spatial Modulation 2015 ,		13
132	Distributed Processing for Multi-Relay Assisted OFDM With Index Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 1318-1331	9.6	13
131	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 192-204	9.6	13
130	Space Shift Keying With Reconfigurable Intelligent Surfaces: Phase Configuration Designs and Performance Analysis. <i>IEEE Open Journal of the Communications Society</i> , 2021 , 2, 322-333	6.7	13
129	Virtual Spatial Modulation. <i>IEEE Access</i> , 2016 , 4, 6929-6938	3.5	12
128	Secure Precoding Aided Spatial Modulation via Transmit Antenna Selection. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 8893-8905	6.8	12
127	Asymptotic Performance Analysis of Multihop Relaying with Co-Channel Interference in Nakagami- m Fading Channels. <i>IEEE Communications Letters</i> , 2012 , 16, 1450-1453	3.8	12
126	Receive Quadrature Reflecting Modulation for RIS-Empowered Wireless Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 5121-5125	6.8	12
125	Joint-Mapping Orthogonal Frequency Division Multiplexing With Subcarrier Number Modulation. <i>IEEE Transactions on Communications</i> , 2021 , 69, 4306-4318	6.9	12

124	Low-Complexity LLR Calculation for OFDM With Index Modulation. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 618-621	5.9	11
123	Optimal Correlative Coding for Discrete-Time OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 987-993	6.8	11
122	Index modulated OFDM with ICI self-cancellation in underwater acoustic communications 2014 ,		11
121	Molecular Type Permutation Shift Keying for Molecular Communication. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2020 , 6, 160-164	2.3	11
120	Generalized Molecular-Shift Keying (GMoSK): Principles and Performance Analysis. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2020 , 6, 168-183	2.3	11
119	Design of Multi-Carrier LBT for LAA&WiFi Coexistence in Unlicensed Spectrum. <i>IEEE Network</i> , 2020 , 34, 76-83	11.4	11
118	Spectral Efficiency Enhanced Cooperative Device-to-Device Systems With NOMA. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4040-4050	6.1	11
117	OFDM-IM Based Dual-Hop System Using Fixed-Gain Amplify-and-Forward Relay With Pre-Processing Capability. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 2259-2270	9.6	10
116	Minimum Symbol-Error Rate Based Adaptive Decision Feedback Equalizer in Underwater Acoustic Channels. <i>IEEE Access</i> , 2017 , 5, 25147-25157	3.5	10
115	Partial-DF Full-Duplex D2D-NOMA Systems for IoT With/Without an Eavesdropper. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 6154-6166	10.7	10
114	Distributed Generalized Spatial Modulation Based on Chinese Remainder Theorem. <i>IEEE Communications Letters</i> , 2017 , 21, 1501-1504	3.8	9
113	Effective mirror-mapping-based intercarrier interference cancellation for OFDM underwater acoustic communications. <i>Ad Hoc Networks</i> , 2015 , 34, 5-16	4.8	9
112	Spectrum Resource Allocation Based on Cooperative NOMA With Index Modulation. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020 , 6, 946-958	6.6	9
111	Secrecy Performance Analysis of Distributed Asynchronous Cyclic Delay Diversity-Based Cooperative Single Carrier Systems. <i>IEEE Transactions on Communications</i> , 2020 , 68, 2680-2694	6.9	9
110	Effective self-cancellation of intercarrier interference for OFDM underwater acoustic communications 2013 ,		9
109	Index modulated OFDM with ICI self-cancellation for V2X communications 2016 ,		9
108	NOMA-Based Pervasive Edge Computing: Secure Power Allocation for IoV. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5021-5030	11.9	9
107	Secure Outage Analysis for Cooperative NOMA Systems With Antenna Selection. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4503-4507	6.8	8

106	Performance Analysis for BDPSK Modulated SWIPT Cooperative Systems With Nonlinear Energy Harvesting Model. <i>IEEE Access</i> , 2018 , 6, 42373-42383	3.5	8
105	Hybrid Multicast/Unicast Design in NOMA-Based Vehicular Caching System. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 16304-16308	6.8	8
104	Socially Aware Joint Resource Allocation and Computation Offloading in NOMA-Aided Energy-Harvesting Massive IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5240-5249	10.7	8
103	Deep Reinforcement Learning-Based Relay Selection in Intelligent Reflecting Surface Assisted Cooperative Networks. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1036-1040	5.9	8
102	Massive Access in Secure NOMA Under Imperfect CSI: Security Guaranteed Sum-Rate Maximization With First-Order Algorithm. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 998-1014	14.2	8
101	Vector OFDM With Index Modulation. <i>IEEE Access</i> , 2017 , 5, 20135-20144	3.5	7
100	Performance Analysis of User Ordering Schemes in Cooperative Power-Domain Non-Orthogonal Multiple Access Network. <i>IEEE Access</i> , 2018 , 6, 47319-47331	3.5	7
99	Effective intercarrier interference reduction techniques for OFDM underwater acoustic communications 2013 ,		7
98	Low-complexity near-optimal detector for multiple-input multiple-output OFDM with index modulation 2017 ,		7
97	A Low-Complexity Optimal Sphere Decoder for Differential Spatial Modulation 2015 ,		7
96	Private 5G Networks: Concepts, Architectures, and Research Landscape. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 1-1	7.5	7
95	Safeguarding MIMO Communications with Reconfigurable Metasurfaces and Artificial Noise 2021 ,		7
94	Space Shift Keying for Molecular Communication: Theory and Experiment 2019 ,		7
93	Dual-Polarized Spatial Media-Based Modulation. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 1258-1269	7.5	7
92	Machine-Learning-Based Scenario Identification Using Channel Characteristics in Intelligent Vehicular Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3961-3974	6.1	7
91	A Simple Multicarrier Transmission Technique Combining Transmit Diversity and Data Multiplexing for Non-Orthogonal Multiple Access. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 7216-7220	6.8	7
90	A Two-Way Molecular Communication Assisted by an Impulsive Force. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3048-3057	11.9	6
89	. <i>IEEE Communications Letters</i> , 2015 , 19, 1466-1469	3.8	6

88	Differential spatial modulation for dual-hop amplify-and-forward relaying 2015 ,		6
87	Dual-Hop Spatial Modulation With a Relay Transmitting its Own Information. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 4449-4463	9.6	6
86	Improving Physical Layer Security via Random Precoding 2017 ,		6
85	Bayesian Beamforming for Mobile Millimeter Wave Channel Tracking in the Presence of DOA Uncertainty. <i>IEEE Transactions on Communications</i> , 2020 , 68, 7547-7562	6.9	6
84	Index modulated OFDM with intercarrier interference cancellation 2016 ,		6
83	Mobile Millimeter Wave Channel Tracking: A Bayesian Beamforming Framework against DOA Uncertainty 2019 ,		6
82	Reconfigurable Intelligent Surface-Aided Quadrature Reflection Modulation for Simultaneous Passive Beamforming and Information Transfer. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	6
81	Trajectory design and resource allocation for UAV energy minimization in a rotary-wing UAV-enabled WPCN. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 1787-1796	6.1	6
80	Outage Probability Analysis of Spectrum Sharing Systems With Distributed Cyclic Delay Diversity. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4435-4449	6.9	5
79	User Pairing Strategy: A Novel Scheme for Non-Orthogonal Multiple Access Systems 2017 ,		5
78	Security Enhancing Spatial Modulation Using Antenna Selection and Artificial Noise Cancellation 2019 ,		5
77	Constructed Data Pilot-Assisted Channel Estimators for Mobile Environments. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2014 , 1-11	6.1	5
76	Next-Generation Multiple Access Based on NOMA with Power Level Modulation. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	5
75	Sum of arbitrarily correlated Gamma random variables with unequal parameters and its application in wireless communications 2016 ,		5
74	Multi-Feature Fusion-Based Mechanical Fault Diagnosis for On-Load Tap Changers in Smart Grid With Electric Vehicles. <i>IEEE Sensors Journal</i> , 2021 , 21, 15696-15708	4	5
73	Exploiting Reconfigurable Intelligent Surfaces in Edge Caching: Joint Hybrid Beamforming and Content Placement Optimization. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	5
72	Two-Layer LDPC Codes for Low Complexity ML Detection in GSM Systems. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 408-411	5.9	5
71	UAV-aided Energy Efficient Edge Computing Networks: Security Offloading Optimization. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	5

70	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4105-4117	6.8	4
69	An effective self-interference cancellation scheme for spatial modulated full duplex systems 2015 ,		4
68	Angle Aware User Cooperation for Secure Massive MIMO in Rician Fading Channel. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 2182-2196	14.2	4
67	Performance Analysis of Heterogeneous Networks With Wireless Caching and Full Duplex Relaying. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 2429-2442	4.9	4
66	NOMA Based Coordinated Direct and Relay Transmission: Secure Design and Performance Analysis 2019 ,		4
65	Efficient Transmission and Detection Based on RNS for Generalized Space Shift Keying. <i>IEEE Wireless Communications Letters</i> , 2017 , 6, 486-489	5.9	3
64	Information-Guided Pilot Insertion for OFDM-Based Vehicular Communications Systems. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 26-37	10.7	3
63	Non-Orthogonal Multiple Access for Dual-Hop Decode-and-Forward Relay-Aided X Channel 2017 ,		3
62	Power Allocation for OFDM Over Multi-scale Multi-lag Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 2345-2358	6.8	3
61	Secure NOMA Based Full-Duplex Two-Way Relay Networks with Artificial Noise against Eavesdropping 2018 ,		3
60	A General Framework for BER Analysis of OFDMA and Zero-Forcing Interleaved SC-FDMA over Nakagami-m Fading Channels with Arbitrary m. <i>IEEE Wireless Communications Letters</i> , 2013 , 2, 395-398	5.9	3
59	OFDM Spread Spectrum with Index Modulation 2017 ,		3
58	Differential spatial modulated OFDM in underwater acoustic communications 2014 ,		3
57	Smart Detection Using the Cascaded Artificial Neural Network for OFDM With Subcarrier Number Modulation. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1227-1231	5.9	3
56	Resource Allocation for Multi-User Molecular Communication Systems Oriented to The Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
55	Achievable-Rate-Enhancing Self-Interference Cancellation for Full-Duplex Communications. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 8473-8484	9.6	3
54	Secure NOMA Based Cooperative Networks with Rate-Splitting Source and Full-Duplex Relay 2018 ,		3
53	Carrier Frequency Offset Estimation for OFDM With Generalized Index Modulation Systems Using Inactive Data Tones. <i>IEEE Communications Letters</i> , 2018 , 22, 2302-2305	3.8	3

52	Frequency Domain Analysis and Equalization for Molecular Communication. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 1952-1967	4.8	3
51	Collision Avoidance Predictive Motion Planning Based on Integrated Perception and V2V Communication. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-14	6.1	3
50	Performance Analysis of OFDM over Multi-Scale Multi-Lag Channels 2017 ,		2
49	Novel Pilot Position Detection for SC-FDE Systems With Frequency Domain Pilot Multiplexing Technique. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 910-914	3.2	2
48	Fixed-Complexity Sphere Decoding for Soft Detection of Generalized Spatial Modulation 2017 ,		2
47	Enabling Cooperative Relay Selection by Transfer Learning for the Industrial Internet of Things. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2022 , 1-1	6.6	2
46	Precoding-Aided Spatial Modulation With Dual-Polarized Antennas Over Correlated Channels. <i>IEEE Communications Letters</i> , 2020 , 24, 676-680	3.8	2
45	A Rising Edge-Based Detection Algorithm for MIMO Molecular Communication. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 523-527	5.9	2
44	SINR-Outage Minimization of Robust Beamforming for the Non-Orthogonal Wireless Downlink. <i>IEEE Transactions on Communications</i> , 2020 , 68, 7247-7257	6.9	2
43	Cyclic Delay Diversity With Index Modulation for Green Internet of Things. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 600-610	4	2
42	Index Modulated OFDM with ICI Self-Cancellation 2016 ,		2
41	Edge Learning With Unmanned Ground Vehicle: Joint Path, Energy, and Sample Size Planning. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 2959-2975	10.7	2
40	Combined Relay Selection in Spatially Random Networks. <i>IEEE Systems Journal</i> , 2021 , 15, 3726-3729	4.3	2
39	On Secure Degrees of Freedom of the MIMO Interference Channel With Local Output Feedback. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
38	Millimeter Wave MIMO-OFDM With Index Modulation: A Pareto Paradigm on Spectral- Energy Efficiency Trade-Off. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	2
37	An Energy-Efficient Selection Mechanism of Relay and Edge Computing in UAV-Assisted Cellular Networks. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 1306-1318	4	2
36	K-Factor Estimation for Wireless Communications Over Rician Frequency-Flat Fading Channels. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 2037-2040	5.9	2
35	Molecular Type Permutation Shift Keying in Molecular MIMO Communications for IoBNT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2

34	Physical Layer Security for RIS-Aided Wireless Communications With Uncertain Eavesdropper Distributions. <i>IEEE Systems Journal</i> , 2022 , 1-12	4.3	2
33	On the Achievable Capacity of Cooperative NOMA Networks: RIS or Relay?. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	2
32	Guest Editorial Spatial Modulation in Emerging Wireless Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1945-1948	14.2	1
31	Novel control signal detection for high-rate transmission in LTE-OFDM systems 2016 ,		1
30	Sum-rate maximization and robust beamforming design for MIMO two-way relay networks with reciprocal and imperfect CSI. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016 , 2016,	3.2	1
29	A differential scheme for Spatial Modulation 2013 ,		1
28	High Precision Multi-cell Channel Estimation Algorithm Based on Successive Interference Cancellation 2011 ,		1
27	Federated Meta-Learning Enhanced Acoustic Radio Cooperative Framework for Ocean of Things. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2022 , 1-1	7.5	1
26	Generalized Space-Code Index Modulation for High Rate and Energy-Efficient MIMO Transmission. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	1
25	Network Cost Minimization for Reconfigurable Intelligent Surface aided Edge Caching 2021 ,		1
24	Combined Relay Selection Enabled by Supervised Machine Learning. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3938-3943	6.8	1
23	Reconfigurable Intelligent Surface-Based Quadrature Reflection Modulation 2021 ,		1
22	Novel Pilot Position Selection and Signal Reconstruction Methods for Frequency-Domain Pilot Multiplexing Techniques of SC-FDE. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 1-1	6.8	1
21	Distributed Asynchronous Cyclic Delay Diversity-Based Cooperative Systems with a Passive Eavesdropper 2019 ,		1
20	NOMA-Based Coordinated Direct and Relay System with Multiple Cell-Edge Users 2019 ,		1
19	Kolmogorov Turbulence and Information Dissipation in Molecular Communication. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2021 , 1-1	2.3	1
18	Pilot Insertion with Index Modulation for OFDM-Based Vehicular Communications 2018 ,		1
17	Interference Exploitation for Ambient Backscatter Communication Networks via Symbol Level Precoding. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	1

16	Socially Aware V2X Networks with RIS: Joint Resource Optimization. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	1
15	Partial-NOMA Based Physical Layer Security: Forwarding Design and Secrecy Analysis. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-14	6.1	1
14	ICI Cancellation Techniques Based on Data Repetition for OFDM Systems 2021 , 1-24		0
13	Distributed cooperative OFDM-IM system. <i>China Communications</i> , 2020 , 17, 167-176	3	0
12	Enhanced spatial modulation with generalized antenna selection in MISO channels. <i>IET Communications</i> , 2021 , 15, 2046-2053	1.3	0
11	Resource Management for Intelligent Vehicular Edge Computing Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12	6.1	0
10	Secure Multicast Energy-Efficiency Maximization with Massive RISs and Uncertain CSI: First-Order Algorithms and Convergence Analysis. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	0
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