

Miaowen Wen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7007599/miaowen-wen-publications-by-year.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	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
194	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
193	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
192	Guest Editorial Advanced Signal Processing for Local and Private 5G Networks. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2022 , 16, 2-6	7.5	
191	Interference Exploitation for Ambient Backscatter Communication Networks via Symbol Level Precoding. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	1
190	Physical Layer Security for RIS-Aided Wireless Communications With Uncertain Eavesdropper Distributions. <i>IEEE Systems Journal</i> , 2022 , 1-12	4.3	2
189	Socially Aware V2X Networks with RIS: Joint Resource Optimization. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	1
188	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
187	On the Achievable Capacity of Cooperative NOMA Networks: RIS or Relay?. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	2
186	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
185	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
184	ICI Cancellation Techniques Based on Data Repetition for OFDM Systems 2021 , 1-24		0
183	Private 5G Networks: Concepts, Architectures, and Research Landscape. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 1-1	7.5	7
182	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
181	Network Cost Minimization for Reconfigurable Intelligent Surface aided Edge Caching 2021 ,		1
180	Combined Relay Selection Enabled by Supervised Machine Learning. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3938-3943	6.8	1
179	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

178	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
177	Receive Quadrature Reflecting Modulation for RIS-Empowered Wireless Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 5121-5125	6.8	12
176	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
175	Reconfigurable Intelligent Surface-Based Quadrature Reflection Modulation 2021 ,		1
174	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
173	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
172	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
171	Enhanced spatial modulation with generalized antenna selection in MISO channels. <i>IET Communications</i> , 2021 , 15, 2046-2053	1.3	0
170	Safeguarding MIMO Communications with Reconfigurable Metasurfaces and Artificial Noise 2021 ,		7
169	Joint-Mapping Orthogonal Frequency Division Multiplexing With Subcarrier Number Modulation. <i>IEEE Transactions on Communications</i> , 2021 , 69, 4306-4318	6.9	12
168	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
167	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
166	NOMA-Based Pervasive Edge Computing: Secure Power Allocation for IoV. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5021-5030	11.9	9
165	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
164	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
163	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
162	Combined Relay Selection in Spatially Random Networks. <i>IEEE Systems Journal</i> , 2021 , 15, 3726-3729	4.3	2
161	Pilot-Based Index Modulation. <i>Wireless Networks</i> , 2021 , 145-168	0.6	

160	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
159	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
158	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
157	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
156	Constellation-Based Index Modulation: A Combinatorial Approach. <i>Wireless Networks</i> , 2021 , 17-48	0.6	
155	Layered Molecular Shift Keying for Molecular Communication via Diffusion. <i>IEEE Communications Letters</i> , 2021 , 1-1	3.8	
154	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
153	Code-Based Index Modulation. <i>Wireless Networks</i> , 2021 , 115-143	0.6	
152	Enhanced Molecular Type Permutation Shift Keying for Molecular Communication. <i>IEEE Wireless Communications Letters</i> , 2021 , 1-1	5.9	
151	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
150	Resource Management for Intelligent Vehicular Edge Computing Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12	6.1	0
149	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
148	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
147	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
146	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
145	Single-RF MIMO: From Spatial Modulation to Metasurface-Based Modulation. <i>IEEE Wireless Communications</i> , 2021 , 28, 88-95	13.4	15
144	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
143	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

142	UAV-aided Energy Efficient Edge Computing Networks: Security Offloading Optimization. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	5
141	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
140	Frequency Domain Analysis and Equalization for Molecular Communication. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 1952-1967	4.8	3
139	Constellation-Based Index Modulation: A Permutational Approach. <i>Wireless Networks</i> , 2021 , 49-113	0.6	
138	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
137	Molecular Type Permutation Shift Keying in Molecular MIMO Communications for IoBNT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
136	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
135	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
134	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
133	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
132	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
131	Emerging Technologies for 5G-IoV Networks: Applications, Trends and Opportunities. <i>IEEE Network</i> , 2020 , 34, 283-289	11.4	69
130	New Secret Key Agreement Scheme over Relay Communication Channel. <i>Journal of Physics: Conference Series</i> , 2020 , 1438, 012007	0.3	
129	Low-Complexity Detection for Index Modulation Multiple Access. <i>IEEE Wireless Communications Letters</i> , 2020 , 1-1	5.9	19
128	Secure Outage Analysis for Cooperative NOMA Systems With Antenna Selection. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4503-4507	6.8	8
127	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4105-4117	6.8	4
126	Enabling Multicarrier Relay Selection by Sensing Fusion and Cascaded ANN for Intelligent Vehicular Communications. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	13
125	On the Performance of Cooperative OFDM-NOMA System With Index Modulation. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1346-1350	5.9	13

124	Subcarrier Index Modulation for Future Wireless Networks: Principles, Applications, and Challenges. <i>IEEE Wireless Communications</i> , 2020 , 27, 118-125	13.4	17
123	Hybrid Multicast/Unicast Design in NOMA-Based Vehicular Caching System. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 16304-16308	6.8	8
122	Precoding-Aided Spatial Modulation With Dual-Polarized Antennas Over Correlated Channels. <i>IEEE Communications Letters</i> , 2020 , 24, 676-680	3.8	2
121	A Rising Edge-Based Detection Algorithm for MIMO Molecular Communication. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 523-527	5.9	2
120	Distributed cooperative OFDM-IM system. <i>China Communications</i> , 2020 , 17, 167-176	3	0
119	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
118	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
117	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
116	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
115	. <i>IEEE Transactions on Communications</i> , 2020 , 68, 6750-6760	6.9	18
114	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
113	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
112	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 192-204	9.6	13
111	Design of Multi-Carrier LBT for LAA&WiFi Coexistence in Unlicensed Spectrum. <i>IEEE Network</i> , 2020 , 34, 76-83	11.4	11
110	MBID: Micro-Blockchain-Based Geographical Dynamic Intrusion Detection for V2X. <i>IEEE Communications Magazine</i> , 2019 , 57, 77-83	9.1	54
109	Guest Editorial Spatial Modulation in Emerging Wireless Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1945-1948	14.2	1
108	. <i>IEEE Wireless Communications</i> , 2019 , 26, 152-159	13.4	15
107	Information-Guided Pilot Insertion for OFDM-Based Vehicular Communications Systems. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 26-37	10.7	3

106	A Two-Way Molecular Communication Assisted by an Impulsive Force. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3048-3057	11.9	6
105	Layered Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Systems Journal</i> , 2019 , 13, 3793-3802	4.3	59
104	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
103	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
102	Spatial Modulation for Molecular Communication. <i>IEEE Transactions on Nanobioscience</i> , 2019 , 18, 381-395	5.4	27
101	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
100	Security Enhancing Spatial Modulation Using Antenna Selection and Artificial Noise Cancellation 2019 ,		5
99	Index Modulation Aided Subcarrier Mapping for Dual-Hop OFDM Relaying. <i>IEEE Transactions on Communications</i> , 2019 , 67, 6012-6024	6.9	17
98	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
97	Secure Precoding Aided Spatial Modulation via Transmit Antenna Selection. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 8893-8905	6.8	12
96	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
95	Mobile Millimeter Wave Channel Tracking: A Bayesian Beamforming Framework against DOA Uncertainty 2019 ,		6
94	Space Shift Keying for Molecular Communication: Theory and Experiment 2019 ,		7
93	Distributed Asynchronous Cyclic Delay Diversity-Based Cooperative Systems with a Passive Eavesdropper 2019 ,		1
92	NOMA Based Coordinated Direct and Relay Transmission: Secure Design and Performance Analysis 2019 ,		4
91	Dual-Polarized Spatial Media-Based Modulation. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 1258-1269	7.5	7
90	NOMA-Based Coordinated Direct and Relay System with Multiple Cell-Edge Users 2019 ,		1
89	. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 1472-1486	6.8	17

88	Distributed Processing for Multi-Relay Assisted OFDM With Index Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 1318-1331	9.6	13
87	Low-Complexity LLR Calculation for OFDM With Index Modulation. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 618-621	5.9	11
86	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
85	Index Modulated OFDM Spread Spectrum. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 2360-2374	9.6	46
84	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
83	Two-Stage Superposed Transmission for Cooperative NOMA Systems. <i>IEEE Access</i> , 2018 , 6, 3920-3931	3.5	15
82	Non-Orthogonal Multiple Access for Cooperative Communications: Challenges, Opportunities, and Trends. <i>IEEE Wireless Communications</i> , 2018 , 25, 109-117	13.4	83
81	Index Modulation for 5G: Striving to Do More with Less. <i>IEEE Wireless Communications</i> , 2018 , 25, 126-132	3.4	103
80	Diversity Enhancing Multiple-Mode OFDM With Index Modulation. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3653-3666	6.9	36
79	Power Allocation for OFDM Over Multi-scale Multi-lag Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 2345-2358	6.8	3
78	Secrecy-Enhancing Scheme for Spatial Modulation. <i>IEEE Communications Letters</i> , 2018 , 22, 550-553	3.8	48
77	Generalized Multiple-Mode OFDM With Index Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6531-6543	9.6	65
76	Secure NOMA Based Full-Duplex Two-Way Relay Networks with Artificial Noise against Eavesdropping 2018 ,		3
75	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
74	Performance Analysis for BDPSK Modulated SWIPT Cooperative Systems With Nonlinear Energy Harvesting Model. <i>IEEE Access</i> , 2018 , 6, 42373-42383	3.5	8
73	IEEE Access Special Section Editorial: Index Modulation Techniques for Next-Generation Wireless Networks. <i>IEEE Access</i> , 2018 , 6, 26452-26456	3.5	
72	Pilot Insertion with Index Modulation for OFDM-Based Vehicular Communications 2018 ,		1
71	Achievable-Rate-Enhancing Self-Interference Cancellation for Full-Duplex Communications. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 8473-8484	9.6	3

70	Secure NOMA Based Cooperative Networks with Rate-Splitting Source and Full-Duplex Relay 2018 ,		3
69	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
68	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
67	Generalized Precoding-Aided Quadrature Spatial Modulation. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 1881-1886	6.8	109
66	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
65	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
64	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
63	Multiple-Mode Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Transactions on Communications</i> , 2017 , 65, 3892-3906	6.9	177
62	Enhanced Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 4786-4801	9.6	116
61	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
60	Distributed Generalized Spatial Modulation Based on Chinese Remainder Theorem. <i>IEEE Communications Letters</i> , 2017 , 21, 1501-1504	3.8	9
59	Index Modulation for 5G Wireless Communications. <i>Wireless Networks</i> , 2017 ,	0.6	99
58	Information Guided Precoding for OFDM. <i>IEEE Access</i> , 2017 , 5, 19644-19656	3.5	15
57	Vector OFDM With Index Modulation. <i>IEEE Access</i> , 2017 , 5, 20135-20144	3.5	7
56	Non-Orthogonal Multiple Access for Dual-Hop Decode-and-Forward Relay-Aided X Channel 2017 ,		3
55	Performance Analysis of OFDM over Multi-Scale Multi-Lag Channels 2017 ,		2
54	User Pairing Strategy: A Novel Scheme for Non-Orthogonal Multiple Access Systems 2017 ,		5
53	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

52	Low-complexity near-optimal detector for multiple-input multiple-output OFDM with index modulation 2017 ,		7
51	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
50	Index Modulation Techniques for Next-Generation Wireless Networks. <i>IEEE Access</i> , 2017 , 5, 16693-16746,	3.5	408
49	Minimum Symbol-Error Rate Based Adaptive Decision Feedback Equalizer in Underwater Acoustic Channels. <i>IEEE Access</i> , 2017 , 5, 25147-25157	3.5	10
48	Space-Time Multiple-Mode Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Access</i> , 2017 , 5, 23212-23222	3.5	29
47	OFDM Spread Spectrum with Index Modulation 2017 ,		3
46	Fixed-Complexity Sphere Decoding for Soft Detection of Generalized Spatial Modulation 2017 ,		2
45	Improving Physical Layer Security via Random Precoding 2017 ,		6
44	Practical Implementation of Index Modulation-Based Waveforms. <i>IEEE Access</i> , 2017 , 5, 25463-25473	3.5	19
43	Novel control signal detection for high-rate transmission in LTE-OFDM systems 2016 ,		1
42	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
41	Virtual Spatial Modulation. <i>IEEE Access</i> , 2016 , 4, 6929-6938	3.5	12
40	Differential Spatial Modulation With Gray Coded Antenna Activation Order. <i>IEEE Communications Letters</i> , 2016 , 20, 1100-1103	3.8	33
39	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
38	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
37	. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 1919-1932	4.8	163
36	Non-Orthogonal Multiple Access for Dual-Hop Decode-and-Forward Relaying 2016 ,		15
35	Sum of arbitrarily correlated Gamma random variables with unequal parameters and its application in wireless communications 2016 ,		5

34	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
33	Index modulated OFDM with ICI self-cancellation for V2X communications 2016 ,		9
32	Index modulated OFDM for underwater acoustic communications 2016 , 54, 132-137		61
31	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
30	Index modulated OFDM with intercarrier interference cancellation 2016 ,		6
29	Equiprobable Subcarrier Activation Method for OFDM With Index Modulation. <i>IEEE Communications Letters</i> , 2016 , 20, 2386-2389	3.8	45
28	Index Modulated OFDM with ICI Self-Cancellation 2016 ,		2
27	. <i>IEEE Communications Letters</i> , 2015 , 19, 1466-1469	3.8	6
26	Differential spatial modulation for dual-hop amplify-and-forward relaying 2015 ,		6
25	. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 1834-1838	3.2	43
24	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
23	Effective mirror-mapping-based intercarrier interference cancellation for OFDM underwater acoustic communications. <i>Ad Hoc Networks</i> , 2015 , 34, 5-16	4.8	9
22	A Low-Complexity Optimal Sphere Decoder for Differential Spatial Modulation 2015 ,		7
21	Pre-Coding Aided Differential Spatial Modulation 2015 ,		13
20	An effective self-interference cancellation scheme for spatial modulated full duplex systems 2015 ,		4
19	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
18	Optimal Correlative Coding for Discrete-Time OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 987-993	6.8	11
17	Performance Analysis of Differential Spatial Modulation with Two Transmit Antennas. <i>IEEE Communications Letters</i> , 2014 , 18, 475-478	3.8	31

16	Optimizing the energy efficiency of OFDM with index modulation 2014 ,		33
15	Differential spatial modulated OFDM in underwater acoustic communications 2014 ,		3
14	Spatial Modulated Full Duplex. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 641-644	5.9	29
13	Index modulated OFDM with ICI self-cancellation in underwater acoustic communications 2014 ,		11
12	Constructed Data Pilot-Assisted Channel Estimators for Mobile Environments. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2014 , 1-11	6.1	5
11	Index modulated OFDM with interleaved grouping for V2X communications 2014 ,		39
10	Differential Spatial Modulation. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 1-1	6.8	112
9	Channel Estimation Schemes for IEEE 802.11p Standard. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2013 , 5, 38-49	2.6	70
8	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
7	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
6	Effective intercarrier interference reduction techniques for OFDM underwater acoustic communications 2013 ,		7
5	A differential scheme for Spatial Modulation 2013 ,		1
4	Effective self-cancellation of intercarrier interference for OFDM underwater acoustic communications 2013 ,		9
3	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
2	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
1	High Precision Multi-cell Channel Estimation Algorithm Based on Successive Interference Cancellation 2011 ,		1