

Zhi-guo Ding

List of Publications by Year in descending order

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papers

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645
all docs

645
docs citations

645
times ranked

11482
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Non-Orthogonal Multiple Access for 5G Networks: Research Challenges and Future Trends. IEEE Journal on Selected Areas in Communications, 2017, 35, 2181-2195.	9.7	1,775
2	On the Performance of Non-Orthogonal Multiple Access in 5G Systems with Randomly Deployed Users. IEEE Signal Processing Letters, 2014, 21, 1501-1505.	2.1	1,642
3	Application of Non-Orthogonal Multiple Access in LTE and 5G Networks. IEEE Communications Magazine, 2017, 55, 185-191.	4.9	1,484
4	6G Wireless Networks: Vision, Requirements, Architecture, and Key Technologies. IEEE Vehicular Technology Magazine, 2019, 14, 28-41.	2.8	1,275
5	Cooperative Non-Orthogonal Multiple Access in 5G Systems. IEEE Communications Letters, 2015, 19, 1462-1465.	2.5	1,232
6	Impact of User Pairing on 5G Nonorthogonal Multiple-Access Downlink Transmissions. IEEE Transactions on Vehicular Technology, 2016, 65, 6010-6023.	3.9	1,185
7	Nonorthogonal Multiple Access for 5G and Beyond. Proceedings of the IEEE, 2017, 105, 2347-2381.	16.4	961
8	A Survey of Non-Orthogonal Multiple Access for 5G. IEEE Communications Surveys and Tutorials, 2018, 20, 2294-2323.	24.8	887
9	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. Science China Information Sciences, 2021, 64, 1.	2.7	858
10	Cooperative Non-orthogonal Multiple Access With Simultaneous Wireless Information and Power Transfer. IEEE Journal on Selected Areas in Communications, 2016, 34, 938-953.	9.7	820
11	The Application of MIMO to Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2016, 15, 537-552.	6.1	710
12	Relay Selection for Cooperative NOMA. IEEE Wireless Communications Letters, 2016, 5, 416-419.	3.2	504
13	A Survey of Multi-Access Edge Computing in 5G and Beyond: Fundamentals, Technology Integration, and State-of-the-Art. IEEE Access, 2020, 8, 116974-117017.	2.6	493
14	Power Allocation Strategies in Energy Harvesting Wireless Cooperative Networks. IEEE Transactions on Wireless Communications, 2014, 13, 846-860.	6.1	491
15	A General MIMO Framework for NOMA Downlink and Uplink Transmission Based on Signal Alignment. IEEE Transactions on Wireless Communications, 2016, 15, 4438-4454.	6.1	463
16	A General Power Allocation Scheme to Guarantee Quality of Service in Downlink and Uplink NOMA Systems. IEEE Transactions on Wireless Communications, 2016, 15, 7244-7257.	6.1	442
17	Optimal Joint Power and Subcarrier Allocation for Full-Duplex Multicarrier Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2017, 65, 1077-1091.	4.9	442
18	Application of smart antenna technologies in simultaneous wireless information and power transfer. , 2015, 53, 86-93.		380

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19	A Minorization-Maximization Method for Optimizing Sum Rate in the Downlink of Non-Orthogonal Multiple Access Systems. IEEE Transactions on Signal Processing, 2016, 64, 76-88.	3.2	323
20	On the Performance of Non-orthogonal Multiple Access Systems With Partial Channel Information. IEEE Transactions on Communications, 2016, 64, 654-667.	4.9	316
21	A Simple Design of IRS-NOMA Transmission. IEEE Communications Letters, 2020, 24, 1119-1123.	2.5	313
22	Nonorthogonal Multiple Access in Large-Scale Underlay Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 10152-10157.	3.9	307
23	Exploiting Full/Half-Duplex User Relaying in NOMA Systems. IEEE Transactions on Communications, 2018, 66, 560-575.	4.9	277
24	Wireless Information and Power Transfer in Cooperative Networks With Spatially Random Relays. IEEE Transactions on Wireless Communications, 2014, 13, 4440-4453.	6.1	276
25	Random Beamforming in Millimeter-Wave NOMA Networks. IEEE Access, 2017, 5, 7667-7681.	2.6	265
26	Cognitive Non-Orthogonal Multiple Access with Cooperative Relaying: A New Wireless Frontier for 5G Spectrum Sharing. IEEE Communications Magazine, 2018, 56, 188-195.	4.9	249
27	Secrecy Sum Rate Maximization in Non-orthogonal Multiple Access. IEEE Communications Letters, 2016, 20, 930-933.	2.5	247
28	Residual Transceiver Hardware Impairments on Cooperative NOMA Networks. IEEE Transactions on Wireless Communications, 2020, 19, 680-695.	6.1	239
29	Joint Trajectory and Precoding Optimization for UAV-Assisted NOMA Networks. IEEE Transactions on Communications, 2019, 67, 3723-3735.	4.9	236
30	Wireless-Powered Communications With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2016, 15, 8422-8436.	6.1	227
31	Full-Duplex Device-to-Device Aided Cooperative Non-Orthogonal Multiple Access. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	3.9	222
32	MIMO-NOMA Design for Small Packet Transmission in the Internet of Things. IEEE Access, 2016, 4, 1393-1405.	2.6	209
33	Joint Beamforming and Power-Splitting Control in Downlink Cooperative SWIPT NOMA Systems. IEEE Transactions on Signal Processing, 2017, 65, 4874-4886.	3.2	209
34	The Impact of Power Allocation on Cooperative Non-orthogonal Multiple Access Networks With SWIPT. IEEE Transactions on Wireless Communications, 2017, 16, 4332-4343.	6.1	208
35	Design of Cooperative Non-Orthogonal Multicast Cognitive Multiple Access for 5G Systems: User Scheduling and Performance Analysis. IEEE Transactions on Communications, 2017, 65, 2641-2656.	4.9	207
36	Joint Power and Time Allocation for NOMA's MEC Offloading. IEEE Transactions on Vehicular Technology, 2019, 68, 6207-6211.	3.9	206

#	ARTICLE	IF	CITATIONS
37	Multiple UAVs as Relays: Multi-Hop Single Link Versus Multiple Dual-Hop Links. IEEE Transactions on Wireless Communications, 2018, 17, 6348-6359.	6.1	202
38	Non-Orthogonal Multiple Access: Common Myths and Critical Questions. IEEE Wireless Communications, 2019, 26, 174-180.	6.6	199
39	An Optimization Perspective of the Superiority of NOMA Compared to Conventional OMA. IEEE Transactions on Signal Processing, 2017, 65, 5191-5202.	3.2	189
40	Optimal User Scheduling and Power Allocation for Millimeter Wave NOMA Systems. IEEE Transactions on Wireless Communications, 2018, 17, 1502-1517.	6.1	181
41	Impact of Non-Orthogonal Multiple Access on the Offloading of Mobile Edge Computing. IEEE Transactions on Communications, 2019, 67, 375-390.	4.9	180
42	On the Spectral Efficiency and Security Enhancements of NOMA Assisted Multicast-Unicast Streaming. IEEE Transactions on Communications, 2017, 65, 3151-3163.	4.9	179
43	Short-Packet Downlink Transmission With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2018, 17, 4550-4564.	6.1	179
44	An Anomaly Detection Approach Based on Isolation Forest Algorithm for Streaming Data using Sliding Window. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 12-17.	0.4	176
45	Novel Relay Selection Strategies for Cooperative NOMA. IEEE Transactions on Vehicular Technology, 2017, 66, 10114-10123.	3.9	176
46	Physical Layer Security in UAV Systems: Challenges and Opportunities. IEEE Wireless Communications, 2019, 26, 40-47.	6.6	176
47	Energy-Efficient Design of IRS-NOMA Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 14088-14092.	3.9	174
48	Interplay Between NOMA and Other Emerging Technologies: A Survey. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 900-919.	4.9	173
49	Secrecy Rate Optimizations for a MIMO Secrecy Channel With a Cooperative Jammer. IEEE Transactions on Vehicular Technology, 2015, 64, 1833-1847.	3.9	172
50	Multi-Antenna NOMA for Computation Offloading in Multiuser Mobile Edge Computing Systems. IEEE Transactions on Communications, 2019, 67, 2450-2463.	4.9	172
51	User Pairing for Downlink Non-Orthogonal Multiple Access Networks Using Matching Algorithm. IEEE Transactions on Communications, 2017, 65, 5319-5332.	4.9	168
52	Evolution of NOMA Toward Next Generation Multiple Access (NGMA) for 6G. IEEE Journal on Selected Areas in Communications, 2022, 40, 1037-1071.	9.7	168
53	Cluster Content Caching: An Energy-Efficient Approach to Improve Quality of Service in Cloud Radio Access Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 1207-1221.	9.7	162
54	Hardware Impaired Ambient Backscatter NOMA Systems: Reliability and Security. IEEE Transactions on Communications, 2021, 69, 2723-2736.	4.9	162

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55	Design of Massive-MIMO-NOMA With Limited Feedback. IEEE Signal Processing Letters, 2016, 23, 629-633.	2.1	160
56	On the study of network coding with diversity. IEEE Transactions on Wireless Communications, 2009, 8, 1247-1259.	6.1	154
57	A Low Complexity Antenna Switching for Joint Wireless Information and Energy Transfer in MIMO Relay Channels. IEEE Transactions on Communications, 2014, 62, 1577-1587.	4.9	148
58	Key techniques for 5G wireless communications: network architecture, physical layer, and MAC layer perspectives. Science China Information Sciences, 2015, 58, 1-20.	2.7	148
59	Delay Minimization for NOMA-MEC Offloading. IEEE Signal Processing Letters, 2018, 25, 1875-1879.	2.1	144
60	Unsupervised Machine Learning-Based User Clustering in Millimeter-Wave-NOMA Systems. IEEE Transactions on Wireless Communications, 2018, 17, 7425-7440.	6.1	144
61	On the Impact of Phase Shifting Designs on IRS-NOMA. IEEE Wireless Communications Letters, 2020, 9, 1596-1600.	3.2	143
62	Toward the Standardization of Non-Orthogonal Multiple Access for Next Generation Wireless Networks. IEEE Communications Magazine, 2018, 56, 19-27.	4.9	139
63	Unveiling the Importance of SIC in NOMA Systemsâ€”Part 1: State of the Art and Recent Findings. IEEE Communications Letters, 2020, 24, 2373-2377.	2.5	138
64	Secrecy Rate Optimizations for a MIMO Secrecy Channel With a Multiple-Antenna Eavesdropper. IEEE Transactions on Vehicular Technology, 2014, 63, 1678-1690.	3.9	137
65	On the Performance of Non-Orthogonal Multiple Access in Short-Packet Communications. IEEE Communications Letters, 2018, 22, 590-593.	2.5	136
66	Secure MISO-NOMA Transmission With Artificial Noise. IEEE Transactions on Vehicular Technology, 2018, 67, 6700-6705.	3.9	135
67	A Novel Power Allocation Scheme Under Outage Constraints in NOMA Systems. IEEE Signal Processing Letters, 2016, 23, 1226-1230.	2.1	133
68	Fairness of User Clustering in MIMO Non-Orthogonal Multiple Access Systems. IEEE Communications Letters, 2016, , 1-1.	2.5	129
69	Application of Non-Orthogonal Multiple Access in Cooperative Spectrum-Sharing Networks Over Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2017, 66, 5506-5511.	3.9	129
70	Cooperative NOMA Broadcasting/Multicasting for Low-Latency and High-Reliability 5G Cellular V2X Communications. IEEE Internet of Things Journal, 2019, 6, 7828-7838.	5.5	128
71	On the Application of Quasi-Degradation to MISO-NOMA Downlink. IEEE Transactions on Signal Processing, 2016, 64, 6174-6189.	3.2	127
72	On the Application of Cooperative Transmission to Secrecy Communications. IEEE Journal on Selected Areas in Communications, 2012, 30, 359-368.	9.7	125

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73	On Secrecy Performance of MISO SWIPT Systems With TAS and Imperfect CSI. IEEE Transactions on Communications, 2016, 64, 3831-3843.	4.9	124
74	Full-Duplex Cooperative NOMA Relaying Systems With I/Q Imbalance and Imperfect SIC. IEEE Wireless Communications Letters, 2020, 9, 17-20.	3.2	123
75	Placement and Power Allocation for NOMA-UAV Networks. IEEE Wireless Communications Letters, 2019, 8, 965-968.	3.2	121
76	Secrecy Analysis of Ambient Backscatter NOMA Systems Under I/Q Imbalance. IEEE Transactions on Vehicular Technology, 2020, 69, 12286-12290.	3.9	120
77	Cooperative Energy Harvesting Networks With Spatially Random Users. IEEE Signal Processing Letters, 2013, 20, 1211-1214.	2.1	118
78	MMSE-Based Beamforming Techniques for Relay Broadcast Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 4045-4051.	3.9	117
79	Optimal Relay Selection Schemes for Cooperative NOMA. IEEE Transactions on Vehicular Technology, 2018, 67, 7851-7855.	3.9	117
80	Secure Short-Packet Communications for Mission-Critical IoT Applications. IEEE Transactions on Wireless Communications, 2019, 18, 2565-2578.	6.1	117
81	Optimal Resource Allocation for Delay Minimization in NOMA-MEC Networks. IEEE Transactions on Communications, 2020, 68, 7867-7881.	4.9	117
82	Opportunistic Relaying for Secrecy Communications: Cooperative Jamming vs. Relay Chatting. IEEE Transactions on Wireless Communications, 2011, 10, 1725-1729.	6.1	116
83	Joint Energy Efficient Subchannel and Power Optimization for a Downlink NOMA Heterogeneous Network. IEEE Transactions on Vehicular Technology, 2019, 68, 1351-1364.	3.9	116
84	Optimal Joint Power and Subcarrier Allocation for MC-NOMA Systems. , 2016, , .		110
85	Non-Orthogonal Random Access for 5G Networks. IEEE Transactions on Wireless Communications, 2017, 16, 4817-4831.	6.1	107
86	Power Efficient IRS-Assisted NOMA. IEEE Transactions on Communications, 2021, 69, 900-913.	4.9	106
87	Rethinking the role of interference in wireless networks. , 2014, 52, 152-158.		105
88	Performance Analysis and Optimization for SWIPT Wireless Sensor Networks. IEEE Transactions on Communications, 2017, 65, 2291-2302.	4.9	105
89	Simultaneous Lightwave Information and Power Transfer (SLIPT). IEEE Transactions on Green Communications and Networking, 2018, 2, 764-773.	3.5	105
90	Hybrid Half-Duplex/Full-Duplex Cooperative Non-Orthogonal Multiple Access With Transmit Power Adaptation. IEEE Transactions on Wireless Communications, 2018, 17, 506-519.	6.1	105

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91	Distributed beamforming and power allocation for cooperative networks. IEEE Transactions on Wireless Communications, 2008, 7, 1817-1822.	6.1	100
92	Outage Performance of Cognitive Relay Networks With Wireless Information and Power Transfer. IEEE Transactions on Vehicular Technology, 2016, 65, 3828-3833.	3.9	100
93	Secure Hybrid VLC-RF Systems with Light Energy Harvesting. IEEE Transactions on Communications, 2017, , 1-1.	4.9	100
94	OTFS-NOMA: An Efficient Approach for Exploiting Heterogenous User Mobility Profiles. IEEE Transactions on Communications, 2019, 67, 7950-7965.	4.9	98
95	Robust secrecy rate optimisations for multiuser multiple-input-single-output channel with device-to-device communications. IET Communications, 2015, 9, 396-403.	1.5	94
96	NOMA Assisted Wireless Caching: Strategies and Performance Analysis. IEEE Transactions on Communications, 2018, 66, 4854-4876.	4.9	92
97	Deep Reinforcement Learning for UAV Navigation Through Massive MIMO Technique. IEEE Transactions on Vehicular Technology, 2020, 69, 1117-1121.	3.9	92
98	User Association and Resource Allocation in Unified NOMA Enabled Heterogeneous Ultra Dense Networks. , 2018, 56, 86-92.		91
99	The Use of Spatially Random Base Stations in Cloud Radio Access Networks. IEEE Signal Processing Letters, 2013, 20, 1138-1141.	2.1	90
100	Physical layer security for 5G non-orthogonal multiple access in large-scale networks. , 2016, , .		89
101	On the Outage Performance of Non-Orthogonal Multiple Access With 1-bit Feedback. IEEE Transactions on Wireless Communications, 2016, 15, 6716-6730.	6.1	89
102	Joint Beamforming and Power Allocation in Downlink NOMA Multiuser MIMO Networks. IEEE Transactions on Wireless Communications, 2018, 17, 5367-5381.	6.1	89
103	Global Energy Efficiency in Secure MISO SWIPT Systems With Non-Linear Power-Splitting EH Model. IEEE Journal on Selected Areas in Communications, 2019, 37, 216-232.	9.7	88
104	Secure UAV-to-UAV Systems With Spatially Random UAVs. IEEE Wireless Communications Letters, 2019, 8, 564-567.	3.2	88
105	Reconfigurable Intelligent Surfaces: Potentials, Applications, and Challenges for 6G Wireless Networks. IEEE Wireless Communications, 2021, 28, 184-191.	6.6	87
106	Simple Semi-Grant-Free Transmission Strategies Assisted by Non-Orthogonal Multiple Access. IEEE Transactions on Communications, 2019, 67, 4464-4478.	4.9	86
107	Full-Duplex Two-Way and One-Way Relaying: Average Rate, Outage Probability, and Tradeoffs. IEEE Transactions on Wireless Communications, 2016, 15, 3920-3933.	6.1	85
108	On Secure VLC Systems With Spatially Random Terminals. IEEE Communications Letters, 2017, 21, 492-495.	2.5	83

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109	Adaptive Distributed MIMO Radar Waveform Optimization Based on Mutual Information. IEEE Transactions on Aerospace and Electronic Systems, 2013, 49, 1374-1385.	2.6	82
110	Optimal Precoding for a QoS Optimization Problem in Two-User MISO-NOMA Downlink. IEEE Communications Letters, 2016, 20, 1263-1266.	2.5	81
111	Physical Layer Network Coding and Precoding for the Two-Way Relay Channel in Cellular Systems. IEEE Transactions on Signal Processing, 2011, 59, 696-712.	3.2	80
112	Decode-and-Forward Relaying for Cooperative NOMA Systems With Direct Links. IEEE Transactions on Wireless Communications, 2018, 17, 8077-8093.	6.1	79
113	Full-Duplex Non-Orthogonal Multiple Access for Next Generation Wireless Systems. IEEE Communications Magazine, 2019, 57, 110-116.	4.9	79
114	Covert Communication in Intelligent Reflecting Surface-Assisted NOMA Systems: Design, Analysis, and Optimization. IEEE Transactions on Wireless Communications, 2022, 21, 1735-1750.	6.1	79
115	On the Design of Multiuser Codebooks for Uplink SCMA Systems. IEEE Communications Letters, 2016, 20, 1920-1923.	2.5	78
116	Resource Management in Non-Orthogonal Multiple Access Networks for 5G and Beyond. IEEE Network, 2017, 31, 8-14.	4.9	78
117	On combating the half-duplex constraint in modern cooperative networks: protocols and techniques. IEEE Wireless Communications, 2012, 19, 20-27.	6.6	77
118	Spatially Random Relay Selection for Full/Half-Duplex Cooperative NOMA Networks. IEEE Transactions on Communications, 2018, 66, 3294-3308.	4.9	77
119	Joint Beamforming and Jamming Optimization for Secure Transmission in MISO-NOMA Networks. IEEE Transactions on Communications, 2019, 67, 2294-2305.	4.9	77
120	Secure Communications With Cooperative Jamming: Optimal Power Allocation and Secrecy Outage Analysis. IEEE Transactions on Vehicular Technology, 2017, 66, 7495-7505.	3.9	75
121	Physical Layer Security Jamming: Theoretical Limits and Practical Designs in Wireless Networks. IEEE Access, 2017, 5, 3603-3611.	2.6	75
122	Performance Analysis of Non-Regenerative Massive-MIMO-NOMA Relay Systems for 5G. IEEE Transactions on Communications, 2017, 65, 4777-4790.	4.9	74
123	NOMA-Assisted Secure Short-Packet Communications in IoT. IEEE Wireless Communications, 2020, 27, 8-15.	6.6	74
124	Joint synchronization and localization using TOAs: A linearization based WLS solution. IEEE Journal on Selected Areas in Communications, 2010, 28, 1017-1025.	9.7	73
125	Secrecy-Enhancing Design for Cooperative Downlink and Uplink NOMA With an Untrusted Relay. IEEE Transactions on Communications, 2020, 68, 1698-1715.	4.9	72
126	UAV-Aided Multi-Way NOMA Networks With Residual Hardware Impairments. IEEE Wireless Communications Letters, 2020, 9, 1538-1542.	3.2	72

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127	Optimized Multiuser Computation Offloading with Multi-Antenna NOMA. , 2017, , .		70
128	On the Design of Computation Offloading in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7136-7149.	3.9	70
129	Energy-Efficient Power Allocation for NOMA With Imperfect CSI. IEEE Transactions on Vehicular Technology, 2019, 68, 1009-1013.	3.9	70
130	What Role Do Intelligent Reflecting Surfaces Play in Multi-Antenna Non-Orthogonal Multiple Access?. IEEE Wireless Communications, 2020, 27, 24-31.	6.6	69
131	A New Evaluation Criterion for Non-Orthogonal Multiple Access in 5G Software Defined Networks. IEEE Access, 2015, 3, 1633-1639.	2.6	68
132	Energy-Efficient Joint Congestion Control and Resource Optimization in Heterogeneous Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9873-9887.	3.9	68
133	QoE-Based Resource Allocation for Multi-Cell NOMA Networks. IEEE Transactions on Wireless Communications, 2018, 17, 6160-6176.	6.1	68
134	Energy Efficiency Optimization in Full-Duplex User-Aided Cooperative SWIPT NOMA Systems. IEEE Transactions on Communications, 2019, 67, 5753-5767.	4.9	68
135	Denoise-and-Forward Network Coding for Two-Way Relay MIMO Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 775-788.	3.9	67
136	The Application of Power-Domain Non-Orthogonal Multiple Access in Satellite Communication Networks. IEEE Access, 2019, 7, 63531-63539.	2.6	67
137	Secure NOMA-Based UAV-MEC Network Towards a Flying Eavesdropper. IEEE Transactions on Communications, 2022, 70, 3364-3376.	4.9	67
138	Cooperative wireless networks: from radio to network protocol designs. , 2011, 49, 64-69.		66
139	A General Relaying Transmission Protocol for MIMO Secrecy Communications. IEEE Transactions on Communications, 2012, 60, 3461-3471.	4.9	66
140	NOMA Meets Finite Resolution Analog Beamforming in Massive MIMO and Millimeter-Wave Networks. IEEE Communications Letters, 2017, 21, 1879-1882.	2.5	66
141	On the Diversity-Multiplexing Tradeoff for Wireless Cooperative Multiple Access Systems. IEEE Transactions on Signal Processing, 2007, 55, 4627-4638.	3.2	64
142	NOMA for Next-Generation Massive IoT: Performance Potential and Technology Directions. IEEE Communications Magazine, 2021, 59, 115-121.	4.9	64
143	Impact of Imperfect Channel State Information on Bi-Directional Communications With Relay Selection. IEEE Transactions on Signal Processing, 2011, 59, 5657-5662.	3.2	62
144	On the Coexistence Between Full-Duplex and NOMA. IEEE Wireless Communications Letters, 2018, 7, 692-695.	3.2	60

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145	Massive MIMO-NOMA Networks With Imperfect SIC: Design and Fairness Enhancement. IEEE Transactions on Wireless Communications, 2020, 19, 6100-6115.	6.1	60
146	Robust Outage Secrecy Rate Optimizations for a MIMO Secrecy Channel. IEEE Wireless Communications Letters, 2015, 4, 86-89.	3.2	58
147	Improving Wireless Security for Bidirectional Communication Scenarios. IEEE Transactions on Vehicular Technology, 2012, 61, 2842-2848.	3.9	57
148	Resource Allocation for Hybrid NOMA MEC Offloading. IEEE Transactions on Wireless Communications, 2020, 19, 4964-4977.	6.1	57
149	Beamforming for Combating Inter-cluster and Intra-cluster Interference in Hybrid NOMA Systems. IEEE Access, 2016, 4, 4452-4463.	2.6	56
150	Beamforming Techniques for Nonorthogonal Multiple Access in 5G Cellular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 9474-9487.	3.9	56
151	User Association and Power Allocation for Multi-Cell Non-Orthogonal Multiple Access Networks. IEEE Transactions on Wireless Communications, 2019, 18, 5284-5298.	6.1	56
152	Energy Efficient Beamforming Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 4117-4131.	4.9	56
153	Simultaneous Lightwave Information and Power Transfer: Policies, Techniques, and Future Directions. IEEE Access, 2019, 7, 28250-28257.	2.6	55
154	Optimal Energy Efficient Power Allocation With User Fairness for Uplink MC-NOMA Systems. IEEE Wireless Communications Letters, 2019, 8, 1133-1136.	3.2	55
155	Cooperative NOMA: State of the Art, Key Techniques, and Open Challenges. IEEE Network, 2020, 34, 205-211.	4.9	55
156	A State-of-the-Art Survey on Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access Networks. Proceedings of the IEEE, 2022, 110, 1358-1379.	16.4	55
157	Energy Harvesting Enabled NOMA Systems With Full-Duplex Relaying. IEEE Transactions on Vehicular Technology, 2019, 68, 7179-7183.	3.9	54
158	NOMA for Energy-Efficient LiFi-Enabled Bidirectional IoT Communication. IEEE Transactions on Communications, 2021, 69, 1693-1706.	4.9	54
159	Achieving Optimal Diversity Gain in Buffer-Aided Relay Networks With Small Buffer Size. IEEE Transactions on Vehicular Technology, 2016, 65, 8788-8794.	3.9	53
160	I/Q Imbalance Aware Nonlinear Wireless-Powered Relaying of B5G Networks: Security and Reliability Analysis. IEEE Transactions on Network Science and Engineering, 2021, 8, 2995-3008.	4.1	53
161	On the Study of Analogue Network Coding for Multi-Pair, Bidirectional Relay Channels. IEEE Transactions on Wireless Communications, 2011, 10, 670-681.	6.1	52
162	Group Secret Key Generation in Wireless Networks: Algorithms and Rate Optimization. IEEE Transactions on Information Forensics and Security, 2016, 11, 1831-1846.	4.5	52

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163	On Ergodic Secrecy Capacity of Random Wireless Networks With Protected Zones. IEEE Transactions on Vehicular Technology, 2016, 65, 6146-6158.	3.9	52
164	Joint Optimization of Beamforming, Phase-Shifting and Power Allocation in a Multi-Cluster IRS-NOMA Network. IEEE Transactions on Vehicular Technology, 2021, 70, 7705-7717.	3.9	52
165	Antenna Selection for MIMO Nonorthogonal Multiple Access Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3158-3171.	3.9	51
166	Deep Learning-Based Sum Data Rate and Energy Efficiency Optimization for MIMO-NOMA Systems. IEEE Transactions on Wireless Communications, 2020, 19, 5373-5388.	6.1	51
167	Lattice Partition Multiple Access: A New Method of Downlink Non-Orthogonal Multiuser Transmissions. , 2016, , .		50
168	On the Performance of NOMA With Hybrid ARQ. IEEE Transactions on Vehicular Technology, 2018, 67, 10033-10038.	3.9	50
169	Secure Transmission via Joint Precoding Optimization for Downlink MISO NOMA. IEEE Transactions on Vehicular Technology, 2019, 68, 7603-7615.	3.9	50
170	Beamforming and Jamming Optimization for IRS-Aided Secure NOMA Networks. IEEE Transactions on Wireless Communications, 2022, 21, 1557-1569.	6.1	50
171	NOMA Empowered Integrated Sensing and Communication. IEEE Communications Letters, 2022, 26, 677-681.	2.5	50
172	Effective Capacity Analysis of STAR-RIS-Assisted NOMA Networks. IEEE Wireless Communications Letters, 2022, 11, 1930-1934.	3.2	50
173	Asymptotic Studies for the Impact of Antenna Selection on Secure Two-Way Relaying Communications with Artificial Noise. IEEE Transactions on Wireless Communications, 2014, 13, 2189-2203.	6.1	49
174	Optimal Throughput Fairness Tradeoffs for Downlink Non-Orthogonal Multiple Access Over Fading Channels. IEEE Transactions on Wireless Communications, 2018, 17, 3556-3571.	6.1	49
175	A Novel Spectrum Sharing Scheme Assisted by Secondary NOMA Relay. IEEE Wireless Communications Letters, 2018, 7, 732-735.	3.2	49
176	Spectral- and Energy-Efficient Resource Allocation for Multi-Carrier Uplink NOMA Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 9293-9296.	3.9	49
177	Energy-Efficient Resource Allocation for NOMA-MEC Networks With Imperfect CSI. IEEE Transactions on Communications, 2021, 69, 3436-3449.	4.9	49
178	Investigation of Wireless Sensor Networks for Structural Health Monitoring. Journal of Sensors, 2012, 2012, 1-7.	0.6	48
179	Secrecy Rate Optimization for Secure Multicast Communications. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1417-1432.	7.3	48
180	Outage Probability Constrained MIMO-NOMA Designs Under Imperfect CSI. IEEE Transactions on Wireless Communications, 2018, 17, 8239-8255.	6.1	48

#	ARTICLE	IF	CITATIONS
181	Beamforming Design and Power Allocation for Full-Duplex Non-Orthogonal Multiple Access Cognitive Relaying. IEEE Transactions on Communications, 2018, 66, 5952-5965.	4.9	48
182	Height Optimization and Resource Allocation for NOMA Enhanced UAV-Aided Relay Networks. IEEE Transactions on Communications, 2021, 69, 962-975.	4.9	48
183	Secure Transmission Design in HARQ Assisted Cognitive NOMA Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 2528-2541.	4.5	48
184	Performance Analysis of Differential Spatial Modulation with Two Transmit Antennas. IEEE Communications Letters, 2014, 18, 475-478.	2.5	47
185	Outage Performance for Dynamic Power Allocation in Hybrid Non-Orthogonal Multiple Access Systems. IEEE Communications Letters, 2016, 20, 1695-1698.	2.5	47
186	On the Performance of Network NOMA in Uplink CoMP Systems: A Stochastic Geometry Approach. IEEE Transactions on Communications, 2019, 67, 5084-5098.	4.9	47
187	Secure Transmission via Beamforming Optimization for NOMA Networks. IEEE Wireless Communications, 2020, 27, 193-199.	6.6	47
188	Uplink Precoding Optimization for NOMA Cellular-Connected UAV Networks. IEEE Transactions on Communications, 2020, 68, 1271-1283.	4.9	47
189	Distributed Cooperative Localization of Wireless Sensor Networks with Convex Hull Constraint. IEEE Transactions on Wireless Communications, 2011, 10, 2150-2161.	6.1	46
190	Cross-Layer Routing Using Cooperative Transmission in Vehicular Ad-hoc Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 571-581.	9.7	45
191	On the Design of Network Coding for Multiple Two-Way Relaying Channels. IEEE Transactions on Wireless Communications, 2011, 10, 1820-1832.	6.1	45
192	Hybrid NOMA Offloading in Multi-User MEC Networks. IEEE Transactions on Wireless Communications, 2022, 21, 5377-5391.	6.1	45
193	Secure Primary Transmission Assisted by a Secondary Full-Duplex NOMA Relay. IEEE Transactions on Vehicular Technology, 2019, 68, 7214-7219.	3.9	44
194	Coordinated Direct and Relay Transmission With NOMA and Network Coding in Nakagami- m Fading Channels. IEEE Transactions on Communications, 2021, 69, 207-222.	4.9	44
195	Robust Beamforming Techniques for Non-Orthogonal Multiple Access Systems with Bounded Channel Uncertainties. IEEE Communications Letters, 2017, 21, 2033-2036.	2.5	43
196	Stackelberg Game for User Clustering and Power Allocation in Millimeter Wave-NOMA Systems. IEEE Transactions on Wireless Communications, 2019, 18, 2842-2857.	6.1	43
197	Unveiling the Importance of SIC in NOMA Systems—Part II: New Results and Future Directions. IEEE Communications Letters, 2020, 24, 2378-2382.	2.5	43
198	Sparse Vector Coding-Based Multi-Carrier NOMA for In-Home Health Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 325-337.	9.7	43

#	ARTICLE	IF	CITATIONS
199	Joint Active and Passive Beamforming Design for the IRS-Assisted MIMOME-OFDM Secure Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 10369-10381.	3.9	43
200	Two-Timeslot Two-Way Full-Duplex Relaying for 5G Wireless Communication Networks. IEEE Transactions on Communications, 2016, 64, 2873-2887.	4.9	42
201	Resource Allocation for NOMA-MEC Systems in Ultra-Dense Networks: A Learning Aided Mean-Field Game Approach. IEEE Transactions on Wireless Communications, 2021, 20, 1487-1500.	6.1	42
202	On the Study of Network Coded AF Transmission Protocol for Wireless Multiple Access Channels. IEEE Transactions on Wireless Communications, 2008, 7, 4568-4574.	6.1	41
203	Antenna Selection in MIMO Cognitive Radio-Inspired NOMA Systems. IEEE Communications Letters, 2017, 21, 2658-2661.	2.5	41
204	Resource Optimization in Full Duplex Non-Orthogonal Multiple Access Systems. IEEE Transactions on Wireless Communications, 2019, 18, 4312-4325.	6.1	41
205	Robust 3D-Trajectory and Time Switching Optimization for Dual-UAV-Enabled Secure Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 3334-3347.	9.7	41
206	On the Performance of Opportunistic Cooperative Wireless Networks. IEEE Transactions on Communications, 2008, 56, 1236-1240.	4.9	40
207	Multi-User SWIPT Cooperative Networks: Is the Max-Min Criterion Still Diversity-Optimal?. IEEE Transactions on Wireless Communications, 2016, 15, 553-567.	6.1	40
208	Cooperative Communications With Wireless Energy Harvesting Over Nakagami- m Fading Channels. IEEE Transactions on Communications, 2017, 65, 5149-5164.	4.9	39
209	On the Performance of Downlink NOMA in Multi-Cell mmWave Networks. IEEE Communications Letters, 2018, 22, 2366-2369.	2.5	39
210	Secure Transmission in a NOMA-Assisted IoT Network With Diversified Communication Requirements. IEEE Internet of Things Journal, 2020, 7, 11157-11169.	5.5	39
211	Novel System Architecture and Waveform Design for Cognitive Radar Radio Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 3630-3642.	3.9	38
212	Secrecy Analysis and Active Pilot Spoofing Attack Detection for Multigroup Multicasting Cell-Free Massive MIMO Systems. IEEE Access, 2019, 7, 57332-57340.	2.6	38
213	Aerial Computing: A New Computing Paradigm, Applications, and Challenges. IEEE Internet of Things Journal, 2022, 9, 8339-8363.	5.5	38
214	A Special Case of Multi-Way Relay Channel: When Beamforming is not Applicable. IEEE Transactions on Wireless Communications, 2011, 10, 2046-2051.	6.1	37
215	Energy and Spectrum Efficient Transmission Techniques Under QoS Constraints Toward Green Heterogeneous Networks. IEEE Access, 2015, 3, 1655-1671.	2.6	37
216	Outage performance of full/half-duplex user relaying in NOMA systems. , 2017, , .		37

#	ARTICLE	IF	CITATIONS
217	Forwarding Strategy Selection in Dual-Hop NOMA Relaying Systems. IEEE Communications Letters, 2018, 22, 1644-1647.	2.5	37
218	Dual Relay Selection for Cooperative NOMA With Distributed Space Time Coding. IEEE Access, 2018, 6, 20440-20450.	2.6	37
219	User Pairing in Non-Orthogonal Multiple Access Downlink Transmissions. , 2015, , .		36
220	User Clustering and Power Allocation for Hybrid Non-Orthogonal Multiple Access Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 12052-12065.	3.9	36
221	A New QoS-Guarantee Strategy for NOMA Assisted Semi-Grant-Free Transmission. IEEE Transactions on Communications, 2021, 69, 7489-7503.	4.9	36
222	On the Application of BAC-NOMA to 6G umMTC. IEEE Communications Letters, 2021, 25, 2678-2682.	2.5	36
223	Achievable Rates for Network Coding on the Exchange Channel. , 2007, , .		35
224	Energy Efficiency of Cooperative Jamming Strategies in Secure Wireless Networks. IEEE Transactions on Wireless Communications, 2012, 11, 3025-3029.	6.1	35
225	Outage Constrained Secrecy Rate Maximization Design With SWIPT in MIMO-CR Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 5475-5480.	3.9	35
226	Beamforming Design and Performance Analysis of Full-Duplex Cooperative NOMA Systems. IEEE Transactions on Wireless Communications, 2019, 18, 3295-3311.	6.1	35
227	Simultaneous Wireless Information and Power Transfer at 5G New Frequencies: Channel Measurement and Network Design. IEEE Journal on Selected Areas in Communications, 2019, 37, 171-186.	9.7	35
228	Dynamic User Clustering and Optimal Power Allocation in UAV-Assisted Full-Duplex Hybrid NOMA System. IEEE Transactions on Wireless Communications, 2022, 21, 2573-2590.	6.1	35
229	Beamforming optimisation in energy harvesting cooperative full-duplex networks with self-energy recycling protocol. IET Communications, 2016, 10, 848-853.	1.5	34
230	Joint User Pairing, Mode Selection, and Power Control for D2D-Capable Cellular Networks Enhanced by Nonorthogonal Multiple Access. IEEE Internet of Things Journal, 2019, 6, 8919-8932.	5.5	34
231	3-D Hybrid VLC-RF Indoor IoT Systems With Light Energy Harvesting. IEEE Transactions on Green Communications and Networking, 2019, 3, 853-865.	3.5	34
232	Full-Duplex Non-Orthogonal Multiple Access Cooperative Spectrum-Sharing Networks With Non-Linear Energy Harvesting. IEEE Transactions on Vehicular Technology, 2020, 69, 10925-10936.	3.9	34
233	Subspace approach to blind and semi-blind channel estimation for space-time block codes. IEEE Transactions on Wireless Communications, 2005, 4, 357-362.	6.1	33
234	Stackelberg Game of Energy Consumption and Latency in MEC Systems With NOMA. IEEE Transactions on Communications, 2021, 69, 2191-2206.	4.9	33

#	ARTICLE	IF	CITATIONS
235	Reconfigurable Intelligent Surface-Aided Multi-User Networks: Interplay Between NOMA and RIS. IEEE Wireless Communications, 2022, 29, 169-176.	6.6	33
236	A simple approach of range-based positioning with low computational complexity. IEEE Transactions on Wireless Communications, 2009, 8, 5832-5836.	6.1	32
237	Cache-Aided Non-Orthogonal Multiple Access: The Two-User Case. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 436-451.	7.3	31
238	Power Minimization for Multi-Cell Uplink NOMA With Imperfect SIC. IEEE Wireless Communications Letters, 2020, 9, 2030-2034.	3.2	31
239	Secure Non-Orthogonal Multiple Access: An Interference Engineering Perspective. IEEE Network, 2021, 35, 278-285.	4.9	31
240	Secure Communications in Three-Step Two-Way Energy Harvesting DF Relaying. IEEE Communications Letters, 2018, 22, 308-311.	2.5	30
241	Cooperative Hybrid VLC-RF Systems With Spatially Random Terminals. IEEE Transactions on Communications, 2018, 66, 6396-6408.	4.9	30
242	Latency Optimization for Multi-user NOMA-MEC Offloading Using Reinforcement Learning. , 2019, , .		30
243	Joint resource allocation for hybrid NOMA-assisted MEC in 6G networks. Digital Communications and Networks, 2020, 6, 241-252.	2.7	30
244	On Optimal Beamforming Design for Downlink MISO NOMA Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 3008-3020.	3.9	30
245	Resource Allocation and Trajectory Optimization for UAV-Enabled Multi-User Covert Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 1989-1994.	3.9	30
246	No-Pain No-Gain: DRL Assisted Optimization in Energy-Constrained CR-NOMA Networks. IEEE Transactions on Communications, 2021, 69, 5917-5932.	4.9	30
247	On the study of network coded AF transmission protocol for wireless multiple access channels. IEEE Transactions on Wireless Communications, 2009, 8, 118-123.	6.1	29
248	Optimal design of non-orthogonal multiple access with wireless power transfer. , 2016, , .		29
249	Adaptive UAV-Trajectory Optimization Under Quality of Service Constraints: A Model-Free Solution. IEEE Access, 2020, 8, 112253-112265.	2.6	29
250	IRS-Assisted Massive MIMO-NOMA Networks: Exploiting Wave Polarization. IEEE Transactions on Wireless Communications, 2021, 20, 7166-7183.	6.1	29
251	Grant-Free Random Access in Machine-Type Communication: Approaches and Challenges. IEEE Wireless Communications, 2022, 29, 151-158.	6.6	29
252	Sub-Channel Scheduling, Task Assignment, and Power Allocation for OMA-Based and NOMA-Based MEC Systems. IEEE Transactions on Communications, 2021, 69, 2692-2708.	4.9	29

#	ARTICLE	IF	CITATIONS
253	Cooperative Hybrid Nonorthogonal Multiple Access-Based Mobile-Edge Computing in Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1104-1117.	4.9	29
254	Game Combined Multi-Agent Reinforcement Learning Approach for UAV Assisted Offloading. IEEE Transactions on Vehicular Technology, 2021, 70, 12888-12901.	3.9	29
255	Joint Beamforming and Power Management for Nonregenerative MIMO Two-Way Relaying Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 4374-4383.	3.9	28
256	Harvest-and-jam: Improving security for wireless energy harvesting cooperative networks. , 2014, , .		28
257	Cooperative non-orthogonal multiple access in 5G systems with SWIPT. , 2015, , .		28
258	The application of non-orthogonal multiple access in wireless powered communication networks. , 2016, , .		28
259	Outage Probability Analysis of Non-Orthogonal Multiple Access in Cloud Radio Access Networks. IEEE Communications Letters, 2018, 22, 149-152.	2.5	28
260	Multi-Antenna Two-Way Relay Based Cooperative NOMA. IEEE Transactions on Wireless Communications, 2020, 19, 6486-6503.	6.1	28
261	Performance Analysis of SWIPT Enabled Cooperative-NOMA in Heterogeneous Networks Using Carrier Sensing. IEEE Transactions on Vehicular Technology, 2021, 70, 10646-10656.	3.9	28
262	A New Design of Hybrid SIC for Improving Transmission Robustness in Uplink NOMA. IEEE Transactions on Vehicular Technology, 2021, 70, 5083-5087.	3.9	28
263	Heterogeneous Ultradense Networks with NOMA: System Architecture, Coordination Framework, and Performance Evaluation. IEEE Vehicular Technology Magazine, 2018, 13, 110-120.	2.8	27
264	Secrecy Performance of Untrusted Relay Systems With a Full-Duplex Jamming Destination. IEEE Transactions on Vehicular Technology, 2018, 67, 11511-11524.	3.9	27
265	Joint Robust Beamforming and Power-Splitting Ratio Design in SWIPT-Based Cooperative NOMA Systems With CSI Uncertainty. IEEE Transactions on Vehicular Technology, 2019, 68, 2386-2400.	3.9	27
266	Design of Secure NOMA Against Full-Duplex Proactive Eavesdropping. IEEE Wireless Communications Letters, 2019, 8, 1090-1094.	3.2	27
267	Securing Aerial-Ground Transmission for NOMA-UAV Networks. IEEE Network, 2020, 34, 171-177.	4.9	27
268	Harvesting Devicesâ€™ Heterogeneous Energy Profiles and QoS Requirements in IoT: WPT-NOMA vs BAC-NOMA. IEEE Transactions on Communications, 2021, 69, 2837-2850.	4.9	27
269	On Generalized MIMO Y Channels: Precoding Design, Mapping, and Diversity Gain. IEEE Transactions on Vehicular Technology, 2011, 60, 3525-3532.	3.9	26
270	Multi-User Scheduling for Network Coded Two-Way Relay Channel in Cellular Systems. IEEE Transactions on Wireless Communications, 2012, 11, 2542-2551.	6.1	26

#	ARTICLE	IF	CITATIONS
271	A General Framework for MIMO Uplink and Downlink Transmissions in 5G Multiple Access. , 2016, , .		26
272	On 3-D Hybrid VLC-RF Systems with Light Energy Harvesting and OMA Scheme over RF Links. , 2017, , .		26
273	Antenna selection for MIMO-NOMA networks. , 2017, , .		26
274	Joint Transmission Scheduling and Power Allocation in Non-Orthogonal Multiple Access. IEEE Transactions on Communications, 2019, 67, 8137-8150.	4.9	26
275	Massive MIMO“NOMA Networks With Multi-Polarized Antennas. IEEE Transactions on Wireless Communications, 2019, 18, 5630-5642.	6.1	26
276	When Mobile-Edge Computing (MEC) Meets Nonorthogonal Multiple Access (NOMA) for the Internet of Things (IoT): System Design and Optimization. IEEE Internet of Things Journal, 2021, 8, 7849-7862.	5.5	25
277	Reconfigurable Intelligent Surfaces Aided Multi-Cell NOMA Networks: A Stochastic Geometry Model. IEEE Transactions on Communications, 2022, 70, 951-966.	4.9	25
278	Outage Performance Analysis of Imperfect-CSI-Based Selection Cooperation in Random Networks. IEEE Transactions on Communications, 2014, 62, 2747-2757.	4.9	24
279	Performance Analysis of Cloud Radio Access Networks With Uniformly Distributed Base Stations. IEEE Transactions on Vehicular Technology, 2016, 65, 472-477.	3.9	24
280	Power Allocation Study for Non-Orthogonal Multiple Access Networks With Multicast-Unicast Transmission. IEEE Transactions on Wireless Communications, 2018, 17, 3588-3599.	6.1	24
281	Embracing non-orthogonalmultiple access in future wireless networks. Frontiers of Information Technology and Electronic Engineering, 2018, 19, 322-339.	1.5	24
282	The Application of Machine Learning in mmWave-NOMA Systems. , 2018, , .		24
283	Distributed Edge Caching via Reinforcement Learning in Fog Radio Access Networks. , 2019, , .		24
284	Joint D2D Group Association and Channel Assignment in Uplink Multi-Cell NOMA Networks: A Matching-Theoretic Approach. IEEE Transactions on Communications, 2019, 67, 8771-8785.	4.9	24
285	Impact of Factor Graph on Average Sum Rate for Uplink Sparse Code Multiple Access Systems. IEEE Access, 2016, 4, 6585-6590.	2.6	23
286	Coverage Performance of NOMA in Wireless Caching Networks. IEEE Communications Letters, 2018, 22, 1458-1461.	2.5	23
287	Joint Interleaver and Modulation Design For Multi-User SWIPT-NOMA. IEEE Transactions on Communications, 2019, 67, 7288-7301.	4.9	23
288	Energy Efficiency Optimization for Secure Transmission in MISO Cognitive Radio Network With Energy Harvesting. IEEE Access, 2019, 7, 126234-126252.	2.6	23

#	ARTICLE	IF	CITATIONS
289	On Energy Harvesting of Hybrid TDMA-NOMA Systems. , 2019, , .		23
290	Secure Transmission via Power Allocation in NOMA-UAV Networks With Circular Trajectory. IEEE Transactions on Vehicular Technology, 2020, 69, 10033-10045.	3.9	23
291	HOS-Based Semi-Blind Spatial Equalization for MIMO Rayleigh Fading Channels. IEEE Transactions on Signal Processing, 2008, 56, 248-255.	3.2	22
292	Cross-Layer Power Allocation in Nonorthogonal Multiple Access Systems for Statistical QoS Provisioning. IEEE Transactions on Vehicular Technology, 2017, 66, 11388-11393.	3.9	22
293	Full-Duplex Multi-Antenna Relay Assisted Cooperative Non-Orthogonal Multiple Access. , 2017, , .		22
294	A Feasibility Study on Network NOMA. IEEE Transactions on Communications, 2018, 66, 4303-4317.	4.9	22
295	On the Performance of Downlink NOMA in Underlay Spectrum Sharing. IEEE Transactions on Vehicular Technology, 2021, 70, 4523-4540.	3.9	22
296	Hybrid Spatio-Temporal Artificial Noise Design for Secure MIMOME-OFDM Systems. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	3.9	21
297	Cooperative Transmission in Simultaneous Wireless Information and Power Transfer Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 8710-8715.	3.9	21
298	Amplify-and-Forward Virtual Full-Duplex Relaying-Based Cooperative NOMA. IEEE Wireless Communications Letters, 2018, 7, 464-467.	3.2	21
299	A User-Centric Cooperative Scheme for UAV-Assisted Wireless Networks in Malfunction Areas. IEEE Transactions on Communications, 2019, 67, 8786-8800.	4.9	21
300	On the Impact of Time-Correlated Fading for Downlink NOMA. IEEE Transactions on Communications, 2019, 67, 4491-4504.	4.9	21
301	Spectral-Energy Efficiency Trade-Off-Based Beamforming Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Wireless Communications, 2020, 19, 6593-6606.	6.1	21
302	Robust Non-Orthogonal Multiple Access for Aerial and Ground Users. IEEE Transactions on Wireless Communications, 2020, 19, 4793-4805.	6.1	21
303	Massive MIMO-Assisted Mobile Edge Computing: Exciting Possibilities for Computation Offloading. IEEE Vehicular Technology Magazine, 2020, 15, 31-38.	2.8	21
304	Adaptive Power Allocation for Uplink Non-Orthogonal Multiple Access With Semi-Grant-Free Transmission. IEEE Wireless Communications Letters, 2020, 9, 1725-1729.	3.2	21
305	Energy-Constrained UAV Data Collection Systems: NOMA and OMA. IEEE Transactions on Vehicular Technology, 2021, 70, 6898-6912.	3.9	21
306	Rate Regions for Multiple Access Channel With Confidentiality and Secrecy Constraints. IEEE Transactions on Information Forensics and Security, 2013, 8, 1961-1974.	4.5	20

#	ARTICLE	IF	CITATIONS
307	An EM-Based User Clustering Method in Non-Orthogonal Multiple Access. IEEE Transactions on Communications, 2019, 67, 8422-8434.	4.9	20
308	Asymptotic Performance Analysis of GSVD-NOMA Systems With a Large-Scale Antenna Array. IEEE Transactions on Wireless Communications, 2019, 18, 575-590.	6.1	20
309	Robust Beamforming Design for OTFS-NOMA. IEEE Open Journal of the Communications Society, 2020, 1, 33-40.	4.4	20
310	Secure Cooperative Hybrid VLC-RF Systems. IEEE Transactions on Wireless Communications, 2020, 19, 7097-7107.	6.1	20
311	Secure Outage Analysis for Cooperative NOMA Systems With Antenna Selection. IEEE Transactions on Vehicular Technology, 2020, 69, 4503-4507.	3.9	20
312	Effective Capacity Analysis of AmBC-NOMA Communication Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 11257-11261.	3.9	20
313	An isolation principle based distributed anomaly detection method in wireless sensor networks. International Journal of Automation and Computing, 2015, 12, 402-412.	4.5	19
314	Successive Interference Cancellation for LDPC Coded Non-Orthogonal Multiple Access Systems. IEEE Transactions on Vehicular Technology, 2018, , 1-1.	3.9	19
315	Performance Analysis of Uplink SCMA With Receiver Diversity and Randomly Deployed Users. IEEE Transactions on Vehicular Technology, 2018, 67, 2792-2797.	3.9	19
316	Secrecy Performance of NOMA Systems With Energy Harvesting and Full-Duplex Relaying. IEEE Transactions on Vehicular Technology, 2020, 69, 12301-12305.	3.9	19
317	An SCA and Relaxation Based Energy Efficiency Optimization for Multi-User RIS-Assisted NOMA Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 6843-6847.	3.9	19
318	On the Performance of Laser-Powered UAV-Assisted SWIPT Enabled Multiuser Communication Network With Hybrid NOMA. IEEE Transactions on Communications, 2022, 70, 3912-3929.	4.9	19
319	Multi-user diversity for secrecy in wireless networks. , 2010, , .		18
320	Feature extraction using orthogonal discriminant local tangent space alignment. Pattern Analysis and Applications, 2012, 15, 249-259.	3.1	18
321	A General Framework of Precoding Design for Multiple Two-Way Relaying Communications. IEEE Transactions on Signal Processing, 2013, 61, 1531-1535.	3.2	18
322	On the Uplink Sum Rate of SCMA System With Randomly Deployed Users. IEEE Wireless Communications Letters, 2017, 6, 338-341.	3.2	18
323	Improving Secrecy Performance of a Wirelessly Powered Network. IEEE Transactions on Communications, 2017, 65, 4996-5008.	4.9	18
324	Performance Analysis of Buffer-Aided Hybrid NOMA/OMA in Cooperative Uplink System. IEEE Access, 2019, 7, 168759-168773.	2.6	18

#	ARTICLE	IF	CITATIONS
325	Non-Orthogonal Multiple Access for Massive Connectivity. SpringerBriefs in Computer Science, 2020, , .	0.2	18
326	Performance Analysis of NOMA in Vehicular Communications Over i.n.i.d Nakagami- m Fading Channels. IEEE Transactions on Wireless Communications, 2021, 20, 6254-6268.	6.1	18
327	Semi-Grant-Free NOMA: Ergodic Rates Analysis With Random Deployed Users. IEEE Wireless Communications Letters, 2021, 10, 692-695.	3.2	18
328	Joint Transmit Precoding and Reflect Beamforming Design for IRS-Assisted MIMO Cognitive Radio Systems. IEEE Transactions on Wireless Communications, 2022, 21, 3617-3631.	6.1	18
329	A Relay Assisted Cooperative Transmission Protocol for Wireless Multiple Access Systems. IEEE Transactions on Communications, 2010, 58, 2425-2435.	4.9	17
330	On the Combination of Cooperative Diversity and Network Coding for Wireless Uplink Transmissions. IEEE Transactions on Vehicular Technology, 2011, 60, 1590-1601.	3.9	17
331	On the impact of network geometric models on multicell cooperative communication systems. IEEE Wireless Communications, 2013, 20, 75-81.	6.6	17
332	Wireless information and power transfer in two-way relaying network with non-coherent differential modulation. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	17
333	Cluster formation in cloud-radio access networks: Performance analysis and algorithms design. , 2015, , .		17
334	Privacy Preservation via Beamforming for NOMA. IEEE Transactions on Wireless Communications, 2019, 18, 3599-3612.	6.1	17
335	Energy Harvesting and Resource Allocation for Cache-Enabled UAV Based IoT NOMA Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 9625-9630.	3.9	17
336	Deep Reinforcement Learning-Based Multidimensional Resource Management for Energy Harvesting Cognitive NOMA Communications. IEEE Transactions on Communications, 2022, 70, 3110-3125.	4.9	17
337	A General Framework of Wiretap Channel With Helping Interference and State Information. IEEE Transactions on Information Forensics and Security, 2014, 9, 182-195.	4.5	16
338	Performance of MIMO-NOMA Downlink Transmissions. , 2015, , .		16
339	Power Allocation for Full-Duplex Cooperative Non-Orthogonal Multiple Access Systems. , 2017, , .		16
340	Outage Performance of Cooperative NOMA Networks with Hardware Impairments. , 2018, , .		16
341	Non-Orthogonal Multiple Access for Ubiquitous Wireless Sensor Networks. Sensors, 2018, 18, 516.	2.1	16
342	Outage Constrained Power Efficient Design for Downlink NOMA Systems With Partial HARQ. IEEE Transactions on Communications, 2020, 68, 5188-5201.	4.9	16

#	ARTICLE	IF	CITATIONS
343	Secrecy Energy Efficiency in Multi-Antenna SWIPT Networks With Dual-Layer PS Receivers. IEEE Transactions on Wireless Communications, 2020, 19, 4290-4306.	6.1	16
344	A Novel Probabilistic Buffer-Aided Relay Selection Scheme in Cooperative Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 4548-4552.	3.9	16
345	Security Enhancement Using a Novel Two-Slot Cooperative NOMA Scheme. IEEE Transactions on Vehicular Technology, 2020, 69, 3470-3475.	3.9	16
346	Semi-Grant-Free NOMA: A Stochastic Geometry Model. IEEE Transactions on Wireless Communications, 2022, 21, 1197-1213.	6.1	16
347	Resource Allocation for Open-Loop Ultra-Reliable and Low-Latency Uplink Communications in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 2590-2604.	3.9	16
348	Low-Complexity Linear Equalization for OTFS Systems with Rectangular Waveforms. , 2021, , .		16
349	Interference-Aware NOMA for Cellular-Connected UAVs: Stochastic Geometry Analysis. IEEE Journal on Selected Areas in Communications, 2021, 39, 3067-3080.	9.7	16
350	Outage Performance of Satellite Terrestrial Full-Duplex Relaying Networks With co-Channel Interference. IEEE Wireless Communications Letters, 2022, 11, 1478-1482.	3.2	16
351	A stochastic geometry approach to transmission capacity in wireless cooperative networks. , 2009, , .		15
352	Impact of Network Coding on System Delay for Multisourceâ€“Multidestination Scenarios. IEEE Transactions on Vehicular Technology, 2010, 59, 831-841.	3.9	15
353	Robust MMSE Beamforming for Multiantenna Relay Networks. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	3.9	15
354	Simultaneously Generating Secret and Private Keys in a Cooperative Pairwise-Independent Network. IEEE Transactions on Information Forensics and Security, 2016, 11, 1139-1150.	4.5	15
355	On the Impact of User Scheduling on Diversity and Fairness in Cooperative NOMA. IEEE Transactions on Vehicular Technology, 2018, 67, 11296-11301.	3.9	15
356	User Association in Non-Orthogonal Multiple Access Networks. , 2018, , .		15
357	Downlink NOMA Transmission for Low-Latency Short-Packet Communications. , 2018, , .		15
358	Relay selection schemes for Cooperative NOMA (C-NOMA) with simultaneous wireless information and power transfer (SWIPT). Physical Communication, 2019, 36, 100823.	1.2	15
359	Robust Power Allocation in MIMO-NOMA Systems. IEEE Wireless Communications Letters, 2019, 8, 1541-1545.	3.2	15
360	Energy Efficiency Fairness Beamforming Designs for MISO NOMA Systems. , 2019, , .		15

#	ARTICLE	IF	CITATIONS
361	Exploiting Deep Learning for Secure Transmission in an Underlay Cognitive Radio Network. IEEE Transactions on Vehicular Technology, 2021, 70, 726-741.	3.9	15
362	On the design of MIMO-NOMA downlink and uplink transmission. , 2016, , .		14
363	Full/Half-Duplex Relay Selection for Cooperative NOMA Networks. , 2017, , .		14
364	Energy Efficient Resource Optimization for a Downlink NOMA Heterogeneous Small-Cell Network. , 2018, , .		14
365	Spectral-Energy Efficiency Trade-Off Based Design for Hybrid TDMA-NOMA System. IEEE Transactions on Vehicular Technology, 2022, 71, 3377-3382.	3.9	14
366	Joint beamforming design and power splitting control in cooperative SWIPT NOMA systems. , 2017, , .		13
367	Streaming data anomaly detection method based on hyper-grid structure and online ensemble learning. Soft Computing, 2017, 21, 5905-5917.	2.1	13
368	Robust Energy-Efficient Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 7937-7949.	4.9	13
369	Optimizing Weighted-Sum Energy Efficiency in Downlink and Uplink NOMA Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 11112-11127.	3.9	13
370	Power Optimization for Enhancing Secrecy of Cooperative User Relaying NOMA Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 8008-8012.	3.9	13
371	Physical Layer Security in Cognitive Vehicular Networks. IEEE Transactions on Communications, 2021, 69, 2557-2569.	4.9	13
372	Advantages of NOMA for Multi-User BackCom Networks. IEEE Communications Letters, 2021, 25, 3408-3412.	2.5	13
373	Downlink Multi-Carrier NOMA With Opportunistic Bandwidth Allocations. IEEE Wireless Communications Letters, 2021, 10, 2426-2429.	3.2	13
374	DRL-Assisted Resource Allocation for NOMA-MEC Offloading with Hybrid SIC. Entropy, 2021, 23, 613.	1.1	13
375	On the Outage Performance of Network NOMA (N-NOMA) Modeled by Poisson Line Cox Point Process. IEEE Transactions on Vehicular Technology, 2021, 70, 7936-7950.	3.9	13
376	Simultaneously Transmitting And Reflecting (STAR) RIS Assisted NOMA Systems. , 2021, , .		13
377	Joint Beamforming and Power Allocation Design in Downlink Non-Orthogonal Multiple Access Systems. , 2016, , .		12
378	Power minimization strategies in downlink MIMO-NOMA systems. , 2017, , .		12

#	ARTICLE	IF	CITATIONS
379	Wireless Information and Power Transfer in MIMO Virtual Full-Duplex Relaying System. IEEE Transactions on Vehicular Technology, 2017, 66, 11001-11010.	3.9	12
380	Secrecy outage analysis of hybrid VLC-RF systems with light energy harvesting. , 2017, , .		12
381	Joint Beamforming Design and Power Allocation for Full-Duplex NOMA Cognitive Relay Systems. , 2017, , .		12
382	User Selection and Power Allocation for mmWave-NOMA Networks. , 2017, , .		12
383	Hybrid VLC/RF Networks with Non-Orthogonal Multiple Access. , 2018, , .		12
384	Antenna Selection in Full-Duplex Cooperative NOMA Systems. , 2018, , .		12
385	Sum-rate maximization guaranteeing user fairness for NOMA in fading channels. , 2018, , .		12
386	Joint Transmitter and Receiver Design for Pattern Division Multiple Access. IEEE Transactions on Mobile Computing, 2019, 18, 885-895.	3.9	12
387	Opportunistic Adaptive Non-Orthogonal Multiple Access in Multiuser Wireless Systems: Probabilistic User Scheduling and Performance Analysis. IEEE Transactions on Wireless Communications, 2020, 19, 6065-6082.	6.1	12
388	Secrecy Analysis in NOMA Full-Duplex Relaying Networks With Artificial Jamming. IEEE Transactions on Vehicular Technology, 2021, 70, 8781-8794.	3.9	12
389	Secrecy sum rate maximization for a MIMO-NOMA uplink transmission in 6G networks. Physical Communication, 2022, 53, 101675.	1.2	12
390	Opportunistic Cooperative Diversity Protocols for Wireless Networks. , 2007, , .		11
391	Cooperative Transmission Protocols for Wireless Broadcast Channels. IEEE Transactions on Wireless Communications, 2010, 9, 3701-3713.	6.1	11
392	Approaching MISO Upper Bound: Design of New Wireless Cooperative Transmission Protocols. IEEE Transactions on Wireless Communications, 2011, 10, 2725-2737.	6.1	11
393	Biogeography-based optimization with ensemble of migration models for global numerical optimization. , 2012, , .		11
394	On the Design of Cognitive-Radio-Inspired Asymmetric Network Coding Transmissions in MIMO Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 1014-1025.	3.9	11
395	Secure multicast communications with private jammers. , 2016, , .		11
396	On the coexistence of non-orthogonal multiple access and millimeter-wave communications. , 2017, , .		11

#	ARTICLE	IF	CITATIONS
397	Cooperative non-orthogonal relaying for security enhancement in untrusted relay networks. , 2017, , .		11
398	Robust Beamforming for AN Aided MISO SWIPT System with Unknown Eavesdroppers and Non-Linear EH Model. , 2018, , .		11
399	Constellation Rotation Aided Modulation Design for the Multi-User SWIPT-NOMA. , 2018, , .		11
400	Cache-Aided Non-Orthogonal Multiple Access. , 2018, , .		11
401	Performance of Downlink NOMA in Vehicular Communication Networks: An Analysis Based on Poisson Line Cox Point Process. IEEE Transactions on Vehicular Technology, 2020, 69, 14001-14006.	3.9	11
402	Design and Evaluation of Buffer-Aided Cooperative NOMA With Direct Transmission in IoT. IEEE Internet of Things Journal, 2021, 8, 8145-8158.	5.5	11
403	Lightwave Power Transfer in Full-Duplex NOMA Underwater Optical Wireless Communication Systems. IEEE Communications Letters, 2022, 26, 622-626.	2.5	11
404	NOMA Beamforming in SDMA Networks: Riding on Existing Beams or Forming New Ones?. IEEE Communications Letters, 2022, 26, 868-871.	2.5	11
405	Intelligent Surface Aided D2D-V2X System for Low-Latency and High-Reliability Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 11624-11636.	3.9	11
406	Spectral and Energy Efficiency for Multi-Pair Massive MIMO Two-Way Relaying Networks with Imperfect CSI. , 2015, , .		10
407	Dynamic power splitting policies for AF relay networks with wireless energy harvesting. , 2015, , .		10
408	On secrecy outage of MISO SWIPT systems in the presence of imperfect CSI. , 2016, , .		10
409	Beamforming design for MISO non-orthogonal multiple access systems. IET Communications, 2017, 11, 720-725.	1.5	10
410	Spectral and energy efficiency analysis for massive MIMO multi-pair two-way relaying networks under generalized power scaling. Science China Information Sciences, 2017, 60, 1.	2.7	10
411	Outage Analysis and Power Allocation for HARQ-CC Enabled NOMA Downlink Transmission. , 2018, , .		10
412	On the Application of NOMA to Wireless Caching. , 2018, , .		10
413	Performance Analysis of Computation Offloading in Fog-Radio Access Networks. , 2019, , .		10
414	Application of NOMA for cellular-connected UAVs: opportunities and challenges. Science China Information Sciences, 2021, 64, 1.	2.7	10

#	ARTICLE	IF	CITATIONS
415	Performance Analysis of UAV-Assisted Short-Packet Cooperative Communications. IEEE Transactions on Vehicular Technology, 2022, 71, 4471-4476.	3.9	10
416	A general scheme for equalization of space-time block-coded systems with unknown CSI. IEEE Transactions on Signal Processing, 2006, 54, 2737-2746.	3.2	9
417	Beamforming with opportunistic relaying for wireless security. IET Communications, 2014, 8, 1198-1210.	1.5	9
418	A full-cooperative diversity beamforming scheme in two-way amplify-and-forward relay systems. Digital Communications and Networks, 2015, 1, 57-67.	2.7	9
419	Physical Layer Security Using Two-Path Successive Relaying. Sensors, 2016, 16, 846.	2.1	9
420	A game theory approach for user grouping in hybrid non-orthogonal multiple access systems. , 2016, , .		9
421	Non-Orthogonal Multiple Access (NOMA) for 5G Systems. , 2017, , 109-132.		9
422	Fundamental Tradeoffs of Non-Orthogonal Multicast, Multicast, and Unicast in Ultra-Dense Networks. IEEE Transactions on Communications, 2018, 66, 3555-3570.	4.9	9
423	Successive Interference Cancellation and Fractional Frequency Reuse for LTE Uplink Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 10528-10542.	3.9	9
424	UAV-Aided NOMA Networks with Optimization of Trajectory and Precoding. , 2018, , .		9
425	Proactive Eavesdropping Using UAV Systems with Full-Duplex Ground Terminals. , 2018, , .		9
426	Performance Study of Cognitive Relay NOMA Networks With Dynamic Power Transmission. IEEE Transactions on Vehicular Technology, 2021, 70, 2882-2887.	3.9	9
427	A Collaborative Task Offloading Scheme in Vehicular Edge Computing. , 2021, , .		9
428	Cooperative Multiple Access Systems Using Superposition Modulation. , 2006, , .		8
429	On the Broadcast Latency in Finite Cooperative Wireless Networks. IEEE Transactions on Wireless Communications, 2012, 11, 1307-1313.	6.1	8
430	Application of Analog Network Coding to MIMO Two-Way Relay Channel in Cellular Systems. IEEE Signal Processing Letters, 2013, 20, 641-644.	2.1	8
431	On the impact of relay-side channel state information on opportunistic relaying. , 2013, , .		8
432	Impact of channel state information on wireless energy harvesting cooperative networks with spatially random relays. , 2014, , .		8

#	ARTICLE	IF	CITATIONS
433	Secure communication in cooperative network with wireless information and power transfer. IET Signal Processing, 2015, 9, 663-669.	0.9	8
434	On the Private Key Capacity of the \mathbb{R}^M Relay Pairwise Independent Network. IEEE Transactions on Information Theory, 2016, 62, 3831-3843.	1.5	8
435	Modeling Vehicles Mobility for Connectivity Analysis in VANET. Studies in Systems, Decision and Control, 2016, , 221-239.	0.8	8
436	Comment on "Optimal Precoding for a QoS Optimization Problem in Two-User MISO-NOMA Downlink". IEEE Communications Letters, 2017, 21, 2109-2111.	2.5	8
437	On the Delay/Throughput-Security Tradeoff in Wiretap TDMA Networks With Buffered Nodes. IEEE Transactions on Wireless Communications, 2019, 18, 3948-3960.	6.1	8
438	Optimal Task Partition and Power Allocation for Mobile Edge Computing with NOMA. , 2019, , .		8
439	On indoor visible light communication systems with spatially random receiver. Optics Communications, 2019, 431, 29-38.	1.0	8
440	Massive MIMO-NOMA Networks With Successive Sub-Array Activation. IEEE Transactions on Wireless Communications, 2020, 19, 1622-1635.	6.1	8
441	Fast ISOMAP Based on Minimum Set Coverage. Lecture Notes in Computer Science, 2010, , 173-179.	1.0	8
442	UAV-Enabled NOMA Networks Analysis With Selective Incremental Relaying and Imperfect CSI. IEEE Transactions on Vehicular Technology, 2020, 69, 16276-16281.	3.9	8
443	A Wireless Power Transfer Assisted NOMA Transmission Scheme for 5G and Beyond mMTC. IEEE Wireless Communications Letters, 2022, 11, 1239-1242.	3.2	8
444	Direct semi-blind MMSE equalization for STBC. IEEE Signal Processing Letters, 2005, 12, 380-383.	2.1	7
445	Implementation of microscopic parameters for density estimation of heterogeneous traffic flow for VANET. , 2010, , .		7
446	Noncoherent Energy Detection With Orthogonal Signaling for an Uncoded Two-Way Relay Channel. IEEE Transactions on Vehicular Technology, 2012, 61, 404-409.	3.9	7
447	Joint relay beamforming and power splitting ratio optimization in a multi-antenna relay network. , 2014, , .		7
448	Energy efficiency in energy harvesting cooperative networks with self-energy recycling. , 2015, , .		7
449	Downlink Power Allocation in SCMA with Finite-Alphabet Constraints. , 2017, , .		7
450	Two-way relay assisted non-orthogonal multiple access. Computer Communications, 2019, 145, 335-344.	3.1	7

#	ARTICLE	IF	CITATIONS
451	Optimal Task Assignment and Power Allocation for Downlink NOMA MEC Networks. , 2019, , .		7
452	A Game-Theoretic Approach of Resource Allocation in NOMA-Based Fog Radio Access Networks. , 2019, , .		7
453	Sum Rate Fairness Trade-off-based Resource Allocation Technique for MISO NOMA Systems. , 2019, , .		7
454	Design and Analysis of Full-Duplex Massive Antenna Array Systems Based on Wireless Power Transfer. IEEE Transactions on Communications, 2021, 69, 1302-1316.	4.9	7
455	Precoder Design and Statistical Power Allocation for MIMO-NOMA via User-Assisted Simultaneous Diagonalization. IEEE Transactions on Communications, 2021, 69, 929-945.	4.9	7
456	Artificial Noise Aided Secure Communications for Cooperative NOMA Networks. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 946-963.	4.9	7
457	Design of THz-NOMA in the Presence of Beam Misalignment. IEEE Communications Letters, 2022, 26, 1678-1682.	2.5	7
458	Advanced Self-Organizing Technologies over Distributed Wireless Networks. International Journal of Distributed Sensor Networks, 2012, 8, 821982.	1.3	6
459	A coalitional graph game framework for network coding-aided D2D communication. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	6
460	Coalition Formation Approaches for Cooperative Networks With SWIPT. IEEE Access, 2017, 5, 17644-17659.	2.6	6
461	Power Allocation for Cooperative Non-Orthogonal Multiple Access Systems. , 2017, , .		6
462	Achievable Secrecy Rates for Relay-Eavesdropper Channel Based on the Application of Noisy Network Coding. IEEE Transactions on Information Forensics and Security, 2018, 13, 1736-1751.	4.5	6
463	Secrecy Analysis for Spatially Random UAV Systems. , 2018, , .		6
464	Unsupervised Learning Approaches for User Clustering in NOMA enabled Aerial SWIPT Networks. , 2019, , .		6
465	Unsupervised User Clustering in Non-orthogonal Multiple Access. , 2019, , .		6
466	Joint Optimization of Task Assignment and Power Allocation for NOMA-Aided MEC Systems. , 2019, , .		6
467	On the Distribution of the Squared Generalized Singular Values and Its Applications. IEEE Transactions on Vehicular Technology, 2019, 68, 1030-1034.	3.9	6
468	Performance analysis of discrete wavelet transform for downlink non-orthogonal multiple access in 5G networks. IET Communications, 2020, 14, 1666-1674.	1.5	6

#	ARTICLE	IF	CITATIONS
469	Secure Content Delivery in Two-Tier Cache-Enabled mmWave Heterogeneous Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 1640-1654.	4.5	6
470	An HARQ Assisted Cognitive NOMA Scheme for Secure Transmission With Imperfect SIC. IEEE Transactions on Communications, 2021, 69, 1930-1946.	4.9	6
471	Interference Cancellation via D2D CSI Sharing for MU-MISO-NOMA System With Limited Feedback. IEEE Transactions on Vehicular Technology, 2021, 70, 4569-4584.	3.9	6
472	Achieving Covert Communication by IRS-NOMA. , 2021, , .		6
473	Joint User Grouping and Power Optimization for Secure mmWave-NOMA Systems. IEEE Transactions on Wireless Communications, 2022, 21, 3307-3320.	6.1	6
474	New Antenna Selection Schemes for Full-Duplex Cooperative MIMO-NOMA Systems. IEEE Transactions on Communications, 2022, 70, 4343-4358.	4.9	6
475	Semi-blind equalization for space time block codes and its ambiguity analysis. , 2004, , .		5
476	On the Performance of Superposition Cooperative Diversity in Wireless Networks. , 2006, , .		5
477	Cross-layer routing optimization for wireless networks with cooperative diversity. , 2008, , .		5
478	Linear precoded cooperative transmission protocol for wireless broadcast channels. , 2009, , .		5
479	Simultaneous information and power transfer in wireless cooperative networks. , 2013, , .		5
480	An electromagnetic feedback method to improve low-frequency response performance of geophone. , 2016, , .		5
481	Double Side Signal Splitting SWIPT for Downlink CoMP Transmissions With Capacity Limited Backhaul. IEEE Communications Letters, 2016, 20, 2438-2441.	2.5	5
482	3-D Spatial Modeling of Network Interference in Two-Tier Heterogeneous Networks. IEEE Access, 2017, 5, 24040-24053.	2.6	5
483	A Stackelberg Game Approach for NOMA in mmWave Systems. , 2018, , .		5
484	Locally Cooperative Interference Mitigation for Small Cell Networks with Non-Orthogonal Multiple Access: A Potential Game Approach. , 2018, , .		5
485	Enhanced Multiuser Superposition Transmission Through Structured Modulation. IEEE Transactions on Wireless Communications, 2019, 18, 2765-2776.	6.1	5
486	Model-Free Based Automated Trajectory Optimization for UAVs toward Data Transmission. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
487	Channel Allocation and Power Control for Device-to-Device Communications Underlying Cellular Networks Incorporated With Non-Orthogonal Multiple Access. IEEE Access, 2019, 7, 168593-168605.	2.6	5
488	Impact of Receiver Orientation on Full-Duplex Relay Aided NOMA Underwater Optical Wireless Systems. , 2020, , .		5
489	Optimal Design and Orchestration of Mobile Edge Computing With Energy Awareness. IEEE Transactions on Sustainable Computing, 2022, 7, 456-470.	2.2	5
490	Resource Allocation for Energy-Efficient NOMA System in Coordinated Multi-Point Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 1577-1591.	3.9	5
491	On Sensing Performance of Multi-Antenna Mobile Cognitive Radio Conditioned on Primary User Activity Statistics. IEEE Transactions on Wireless Communications, 2022, 21, 3381-3394.	6.1	5
492	Impact of Primary User Activity Statistics in Cognitive Vehicular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 2859-2873.	3.9	5
493	Deep Reinforcement Learning-Based Optimization for RIS-Based UAV-NOMA Downlink Networks (Invited) Tj ETQq1.1.0.784314 rgBT 1.2 5		5
494	Joint Channel Estimation and Symbol Detection for Orthogonal Space-Time Block-Coding Systems in Frequency-Selective Channels. IEEE Transactions on Vehicular Technology, 2007, 56, 2475-2486.	3.9	4
495	On the Design of a Quality-Of-Service Driven Routing Protocol for Wireless Cooperative Networks. IEEE Vehicular Technology Conference, 2008, , .	0.2	4
496	Improved ontology ranking algorithm based on semantic web. , 2010, , .		4
497	Linear Precoded Cooperative Transmission Protocol for Wireless Broadcast Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 3509-3515.	3.9	4
498	Wireless information and power transfer using energy harvesting relay with outdated CSI. , 2014, , .		4
499	Non-Orthogonal Multiple Access Assisted Multi-Region Geocast. IEEE Access, 2018, 6, 2340-2355.	2.6	4
500	Efficient Transmission in Multiantenna Two-Way AF Relaying Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4182-4191.	3.9	4
501	Average Power Minimization for Downlink NOMA Transmission with Partial HARQ. , 2018, , .		4
502	Cooperative Hybrid VLC-RF Systems for WSNs. , 2018, , .		4
503	Diversity Gain Analysis of Distributed CDD Systems in Non-Identical Fading Channels. IEEE Transactions on Communications, 2020, 68, 7218-7231.	4.9	4
504	The Distribution Characteristics of Ordered GSVD Singular Values and its Applications in MIMO-NOMA. IEEE Communications Letters, 2020, 24, 2719-2722.	2.5	4

#	ARTICLE	IF	CITATIONS
505	Mapping grid based online taxi anomalous trajectory detection. International Journal of Systems Science, 2020, 51, 1589-1603.	3.7	4
506	NOMA and Coded Multicasting in Cache-Aided Wireless Networks. IEEE Transactions on Wireless Communications, 2022, 21, 2506-2520.	6.1	4
507	GSVD-Based MIMO-NOMA Security Transmission. IEEE Wireless Communications Letters, 2021, 10, 1484-1487.	3.2	4
508	On the Position Optimization of IRS. IEEE Internet of Things Journal, 2022, 9, 11712-11724.	5.5	4
509	A Multicast Routing Algorithm Applied to HIP-Multicast Model. , 2011, , .		3
510	Capacity of AF two-way relaying with multiuser scheduling in Nakagami-m fading. Electronics Letters, 2012, 48, 1432.	0.5	3
511	Network coding with diversity and outdated channel state information. Journal of Modern Transportation, 2012, 20, 261-267.	2.5	3
512	A Vector Algebraic Algorithm for Coverage Compensation in Hybrid Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 928528.	1.3	3
513	User scheduling in wireless information and power transfer networks. , 2014, , .		3
514	The private key capacity of a cooperative pairwise-independent network. , 2015, , .		3
515	An online anomaly detection method for stream data using isolation principle and statistic histogram. International Journal of Modeling, Simulation, and Scientific Computing, 2015, 06, 1550017.	0.9	3
516	Probabilistic Jamming/Eavesdropping Attacks to Confuse a Buffer-Aided Transmitter-Receiver Pair. IEEE Communications Letters, 2017, 21, 1549-1552.	2.5	3
517	Wireless information and power transfer in full-duplex systems with massive antenna arrays. , 2017, , .		3
518	Secrecy Outage Design in MIMO-SWIPT Systems Based on a Non-Linear EH Model. , 2017, , .		3
519	Nonorthogonal Multiple Access for 5G. , 2018, , 135-204.		3
520	Resource Management in Future Millimeter Wave Small-Cell Networks: Joint PHY-MAC Layer Design. IEEE Access, 2019, 7, 76910-76919.	2.6	3
521	A Cooperative Scheme for Unmanned Aerial Vehicles in Malfunction Areas. , 2019, , .		3
522	Downlink Precoder Design for Two-User Power-Domain MIMO-NOMA with Excess Degrees of Freedom. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
523	Optimizing QoE of Multiple Users over DASH: A Meta-learning Approach. , 2019, , .		3
524	Resource Allocation for NOMA MEC Offloading. , 2019, , .		3
525	A Meta-Learning Framework for Learning Multi-User Preferences in QoE Optimization of DASH. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3210-3225.	5.6	3
526	On the Design of NOMA Assisted Multi-Antenna Two-Way Relay Systems. , 2020, , .		3
527	Energy Efficiency Optimization for Secure Transmission in a MIMO-NOMA System. , 2020, , .		3
528	Security Provisioning for Non-Orthogonal Multiple Access Networks With Limited Feedback. IEEE Wireless Communications Letters, 2020, 9, 1226-1229.	3.2	3
529	Achievable Computation Rate in NOMA-Based Wireless-Powered Networks Assisted by Multiple Fog Servers. IEEE Internet of Things Journal, 2021, 8, 4802-4815.	5.5	3
530	On the Effective Rate of NOMA in Underlay Spectrum Sharing. IEEE Transactions on Vehicular Technology, 2021, 70, 12220-12225.	3.9	3
531	A dCDD-Based Transmit Diversity Scheme for Downlink Pseudo-NOMA Systems. IEEE Transactions on Wireless Communications, 2021, 20, 1217-1232.	6.1	3
532	Cross Validation Aided Approximated Message Passing Algorithm for User Identification in mMTC. IEEE Communications Letters, 2021, 25, 2077-2081.	2.5	3
533	A Joint Beamforming and Power-Splitter Optimization Technique for SWIPT in MISO-NOMA System. IEEE Access, 2021, 9, 33018-33029.	2.6	3
534	Research on the Vulnerability of Software Defined Network. , 2017, , .		3
535	Secure Beamforming Optimization for IRS-NOMA Networks via Artificial Jamming. , 2021, , .		3
536	Aerial-Terrestrial Network NOMA for Cellular-Connected UAVs. IEEE Transactions on Vehicular Technology, 2022, 71, 6559-6573.	3.9	3
537	A NOMA-enabled Hybrid RIS-UAV-aided Full-Duplex Communication System. , 2022, , .		3
538	On the Performance of Cooperative Communication via Best Relay Path. , 2007, , .		2
539	Distributed STBC for Single Carrier Relay-Assisted Transmissions Over Frequency-Selective Channels. , 2008, , .		2
540	Transmission Delay Analysis with Finite Coding Length in Wireless Cooperative Networks. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
541	Orthogonal local spline discriminant projection with application to face recognition. Pattern Recognition Letters, 2011, 32, 615-625.	2.6	2
542	A General Transmission Scheme for Bi-Directional Communication by Using Eigenmode Sharing. IEEE Journal on Selected Areas in Communications, 2012, 30, 1477-1488.	9.7	2
543	Outage performance of cognitive radio wireless network with secondary relaying. , 2012, , .		2
544	Capacity-Approaching Signal Constellations for the Additive Exponential Noise Channel. IEEE Wireless Communications Letters, 2012, 1, 320-323.	3.2	2
545	An improved achievable secrecy rate for the relay-eavesdropper channel. , 2013, , .		2
546	TOA-Based Source Localization: A Linearization Approach Adopting Coordinate System Translation. International Journal of Distributed Sensor Networks, 2013, 9, 379369.	1.3	2
547	A Hybrid Cooperative Coding Scheme for the Relay-Eavesdropper Channel. Entropy, 2014, 16, 1819-1841.	1.1	2
548	Distributed coalition formation algorithms for cooperative broadcast networks with SWIPT. , 2014, , .		2
549	Precoding design for interference suppression in multi-cell multi-user networks. IET Communications, 2014, 8, 1534-1540.	1.5	2
550	Performance of MIMO-NOMA Downlink Transmissions. , 2014, , .		2
551	Energy-efficient optimization in cooperative networks with wireless information and power transfer. , 2015, , .		2
552	Spatio-Temporal Artificial Noise Design for Secure MISOSE-OFDM Systems. , 2016, , .		2
553	RSS-based localization of isotropically decaying source with unknown power and pathloss factor. Chaos, Solitons and Fractals, 2016, 89, 391-396.	2.5	2
554	Maximizing SINR for non-orthogonal multiple access with bounded channel uncertainties. , 2017, , .		2
555	Performance analysis of non-regenerative relay assisted NOMA system. , 2017, , .		2
556	Cooperative Game Aided Spectrum Sharing in Underlay Cognitive Radio Networks Employing NOMA Schemes. , 2018, , .		2
557	IEEE Access Special Section Editorial: Non-Orthogonal Multiple Access for 5G Systems. IEEE Access, 2018, 6, 79280-79284.	2.6	2
558	A Calculation Software for $4\pi^2$ Coincidence Counting. IEEE Transactions on Nuclear Science, 2018, 65, 2350-2356.	1.2	2

#	ARTICLE	IF	CITATIONS
559	Large System Analysis of Linear Precoding in Massive MIMO Relay Systems. , 2018, , .		2
560	Exploiting Adaptive Jamming in Secure Cooperative NOMA with an Untrusted Relay. , 2019, , .		2
561	Wiretap TDMA Networks With Energy-Harvesting Rechargeable-Battery Buffered Sources. IEEE Access, 2019, 7, 17215-17229.	2.6	2
562	A Novel Software Defect Prediction Method Based on Isolation Forest. , 2019, , .		2
563	Next-Generation mm-Wave Small-Cell Networks: Multiple Access, Caching, and Resource Management. IEEE Vehicular Technology Magazine, 2020, 15, 46-53.	2.8	2
564	Secrecy Analysis for NOMA networks With a Full-Duplex Jamming Relay. , 2021, , .		2
565	IRS-Assisted Massive MIMO-NOMA Networks with Polarization Diversity. , 2021, , .		2
566	Error performance bounds for routing algorithms in wireless cooperative networks. , 2010, , .		2
567	Online Anomaly Detection Method Based on BBO Ensemble Pruning in Wireless Sensor Networks. Communications in Computer and Information Science, 2014, , 160-169.	0.4	2
568	Network NOMA for Co-existence of Aerial and Terrestrial Users. , 2020, , .		2
569	Semi-blind channel estimation for precoded STBC systems over correlated MIMO channels. , 0, , .		1
570	Adaptive Semi-Blind ICA-based Spatial Equalization for MIMO Rayleigh Fading Channels with Optimal Step Size. , 0, , .		1
571	Application of joint source-relay scheduling to cooperative multiple access channels. , 2009, , .		1
572	Joint Beamforming and Power Allocation for MIMO Two-Way Relaying Channels. , 2011, , .		1
573	Performance analysis of dual relay selection scheme in two-way amplify-and-forward relay channel. , 2012, , .		1
574	Impact of rateless codes on system delay and throughput for network-coded multi-source and multi-destination scenarios. , 2012, , .		1
575	Multiple symbols soft-decision metrics for coded frequency-shift keying signals in high mobility wireless communication. , 2013, , .		1
576	Alternative relaying for cooperative multiple-access channels in wireless vehicular networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	1.5	1

#	ARTICLE	IF	CITATIONS
577	User Pairing in Non-Orthogonal Multiple Access Downlink Transmissions. , 2014, , .		1
578	The application of SWIPT to a cooperative full duplex network. , 2015, , .		1
579	A lattice coding based non-orthogonal multiple access scheme. , 2015, , .		1
580	Heterogeneous cloud radio access networks [Guest Editorial]. IEEE Wireless Communications, 2015, 22, 12-13.	6.6	1
581	Outage analysis on wireless powered cooperative systems with spatially random relays and finite energy storage over Rayleigh fading channels. , 2016, , .		1
582	A new digital pulse processing method for $2i\epsilon_1$ and $2i\epsilon_2$ emitter measurement. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	1.3	1
583	Taxi Driving Anomalous Route Detection Using GPS Sampling Data. Communications in Computer and Information Science, 2017, , 304-312.	0.4	1
584	Privacy Protection via Beamforming Optimization in MISO NOMA Networks. , 2018, , .		1
585	Conclusions and Future Research Directions for NOMA. , 2019, , 669-677.		1
586	Capacity Analysis of Asymmetric Multi-Antenna Relay Systems Using Free Probability Theory. , 2019, , .		1
587	On the Design and Analysis of Full-Duplex Non-Orthogonal Multiple Access Systems. , 2019, , .		1
588	Introduction to the Issue on Signal Processing Advances for Non-Orthogonal Multiple Access in Next Generation Wireless Networks. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 388-391.	7.3	1
589	Cooperative secrecy transmission in multi-hop relay networks with interference alignment. IET Communications, 2019, 13, 1379-1389.	1.5	1
590	D2D Group Association and Channel Assignment in Uplink Multi-Cell NOMA Networks. , 2019, , .		1
591	Precoding Optimization for NOMA UAV with Cellular Connections. , 2019, , .		1
592	Editorial: Visible light communication technologies. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3533.	2.6	1
593	Power Allocation for Secure Transmission in Circular Trajectory NOMA-UAV Networks. , 2020, , .		1
594	A dCDD-Based Transmit Diversity for NOMA Systems. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
595	Isolation Forest Wrapper Approach for Feature Selection in Software Defect Prediction. IOP Conference Series: Materials Science and Engineering, 2021, 1043, 032030.	0.3	1
596	Hierarchical Multiple Access (HiMA) for Fog-RAN: Protocol Design and Resource Allocation. IEEE Transactions on Wireless Communications, 2022, 21, 960-975.	6.1	1
597	Reduced-Complexity Constellation Mapping and Decoding in Wireless Multi-Way Relaying Networks. IEICE Transactions on Communications, 2014, E97.B, 702-711.	0.4	1
598	What Is NOMA?. SpringerBriefs in Computer Science, 2020, , 7-12.	0.2	1
599	Application of GSVD-based precoding in MIMO-NOMA relaying systems. IET Communications, 2020, 14, 3802-3812.	1.5	1
600	Analog Beamforming mm-Wave Two User Non-Orthogonal Multiple Access. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 66-76.	0.2	1
601	Transmit Power Minimization for IRS-Assisted Cooperative NOMA Networks With SWIPT. , 2021, , .		1
602	Power Optimization for Secure mmWave-NOMA Network with Hybrid SU-CU Grouping. , 2021, , .		1
603	Special Issue on Next Generation Multiple Access"Part I. IEEE Journal on Selected Areas in Communications, 2022, 40, 1031-1036.	9.7	1
604	Guest Editorial Special Issue on Next Generation Multiple Access"Part II. IEEE Journal on Selected Areas in Communications, 2022, 40, 1387-1391.	9.7	1
605	A Probabilistic Approach of Joint Channel Estimation and Symbol Detection for OSTBC. , 2006, , .		0
606	A new form of network coded cooperative transmission for multiple access channels. , 2008, , .		0
607	Study on agile logistics distribution optimization model based on multi-agent. , 2009, , .		0
608	Multi-Source Multi-Destination Relay Network: An Interference-Free Multi-Beamforming Protocol. , 2009, , .		0
609	Study and design of Shield-driven Tunnel Risk Control knowledge management system based on combined reasoning technique. , 2010, , .		0
610	A simple cooperative protocol for interference channel using path selection. , 2010, , .		0
611	A low-cost non-coherent transmission for uncoded two-way relay channels. , 2011, , .		0
612	Bi-directional communication with eigenmode sharing. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
613	A novel relay-assisted protocol for cooperative multiple access networks. , 2012, , .		0
614	Multi-core-based Tree Routing Protocol for Hip-multicast Model. , 2012, , .		0
615	An adaptive modulation scheme for two-way relay channel. , 2012, , .		0
616	A novel data transmission scheme for two-way multiantenna AF relay systems. , 2012, , .		0
617	A Data Key Distribution Protocol Applied to HIP-multicast Model. Procedia Engineering, 2012, 29, 710-715.	1.2	0
618	Achievable secrecy rate of bit-interleaved coded modulation schemes. Journal of Modern Transportation, 2012, 20, 243-248.	2.5	0
619	On the user performance of orthogonal projection signal alignment scheme in MIMO relay systems. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	0
620	Linear Detection for Cooperative Multiple-Access Transmission Protocols. IEEE Transactions on Vehicular Technology, 2013, 62, 2807-2812.	3.9	0
621	A spectrum-efficient broadcast scheme based on network coding in cellular MIMO systems. , 2013, , .		0
622	Integer-forcing receiver for MC-CDMA system. , 2013, , .		0
623	Adaptive radio resource allocation to optimize throughput in multi-cell energy harvesting wireless networks. , 2014, , .		0
624	Interference masking for secure wireless broadcast communications. IET Communications, 2014, 8, 1184-1197.	1.5	0
625	Beamforming optimization for full-duplex cooperative cognitive radio networks. , 2016, , .		0
626	Cluster Formation with Data-Assisted Channel Estimation in Cloud-Radio Access Networks. , 2017, , .		0
627	On the Study of Secrecy Capacity with Outdated CSI. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 87-97.	0.2	0
628	IEEE ACCESS Special Section Editorial: Energy Efficient Wireless Communications With Energy Harvesting and Wireless Power Transfer. IEEE Access, 2018, 6, 72041-72045.	2.6	0
629	Outage Performance for Power Beacon-Assisted Wireless-Powered Cooperative Communications. , 2019, , .		0
630	Artificial Jamming Assisted Secure Transmission for MISO-NOMA Networks. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
631	On the Performance of Massive MIMO-NOMA Networks with Dual-Polarized Antenna Array. , 2019, , .		0
632	Joint Precoding Optimization for Secure Transmission in Downlink MISO-NOMA Networks. , 2019, , .		0
633	Joint Optimization of Energy Consumption and Time Delay in Energy-Constrained Fog Computing Networks. , 2019, , .		0
634	Successive Sub-Array Activation for Massive MIMO-NOMA Networks. , 2020, , .		0
635	Orthogonal Discriminant Local Tangent Space Alignment. Lecture Notes in Computer Science, 2010, , 423-429.	1.0	0
636	Multiple two-way relaying channels: Precoding design and outage performance analysis. , 2010, , .		0
637	A Novel Distributed Online Anomaly Detection Method in Resource-Constrained Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-12.	1.3	0
638	Efficient Beamforming Design for Cellular Networks with Energy-Constrained Devices. , 2018, , 1-10.		0
639	Sustainability of NOMA. SpringerBriefs in Computer Science, 2020, , 45-65.	0.2	0
640	Full-Duplex Non-Orthogonal Multiple Access Systems. , 2020, , 181-218.		0
641	Downlink NOMA for Coexistence of Aerial and Terrestrial Users: Stochastic Geometry Analysis. , 2020, , .		0
642	Efficient Beamforming Design for Cellular Networks with Energy-Constrained Devices. , 2020, , 381-390.		0