

Yuanawei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

302
papers

16,130
citations

22153

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18647

119
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308
all docs

308
docs citations

308
times ranked

6416
citing authors

#	ARTICLE	IF	CITATIONS
1	User grouping and power allocation in NOMA systems: a novel semi-supervised reinforcement learning-based solution. <i>Pattern Analysis and Applications</i> , 2023, 26, 1-17.	4.6	3
2	Multi-Agent Reinforcement Learning in NOMA-Aided UAV Networks for Cellular Offloading. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 1498-1512.	9.2	25
3	Semi-Grant-Free NOMA: A Stochastic Geometry Model. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 1197-1213.	9.2	16
4	Deep Learning for Latent Events Forecasting in Content Caching Networks. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 413-428.	9.2	5
5	A Novel Physics-Based Channel Model for Reconfigurable Intelligent Surface-Assisted Multi-User Communication Systems. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 1183-1196.	9.2	13
6	Performance Analysis of Intelligent Reflecting Surface Assisted NOMA Networks. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 2623-2636.	9.2	72
7	Simultaneously Transmitting and Reflecting (STAR) RIS Aided Wireless Communications. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 3083-3098.	9.2	197
8	Machine Learning Empowered Resource Allocation in IRS Aided MISO-NOMA Networks. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 3478-3492.	9.2	15
9	Joint Resource, Deployment, and Caching Optimization for AR Applications in Dynamic UAV NOMA Networks. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 3409-3422.	9.2	18
10	AI Empowered RIS-Assisted NOMA Networks: Deep Learning or Reinforcement Learning?. <i>IEEE Journal on Selected Areas in Communications</i> , 2022, 40, 182-196.	14.0	36
11	MIMO Assisted Networks Relying on Intelligent Reflective Surfaces: A Stochastic Geometry Based Analysis. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 571-582.	6.3	16
12	Reconfigurable Intelligent Surfaces Aided Multi-Cell NOMA Networks: A Stochastic Geometry Model. <i>IEEE Transactions on Communications</i> , 2022, 70, 951-966.	7.8	25
13	Joint Trajectory and Resource Optimization for UAV-Aided Two-Way Relay Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 639-652.	6.3	18
14	A Joint Design for STAR-RIS Enhanced NOMA-CoMP Networks: A Simultaneous-Signal-Enhancement-and-Cancellation-Based (SSECB) Design. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 1043-1048.	6.3	29
15	Channel Estimation for STAR-RIS-Aided Wireless Communication. <i>IEEE Communications Letters</i> , 2022, 26, 652-656.	4.1	50
16	Securing NOMA Networks by Exploiting Intelligent Reflecting Surface. <i>IEEE Transactions on Communications</i> , 2022, 70, 1096-1111.	7.8	29
17	Federated Learning in Multi-RIS-Aided Systems. <i>IEEE Internet of Things Journal</i> , 2022, 9, 9608-9624.	8.7	45
18	Evolution of NOMA Toward Next Generation Multiple Access (NGMA) for 6G. <i>IEEE Journal on Selected Areas in Communications</i> , 2022, 40, 1037-1071.	14.0	168

#	ARTICLE	IF	CITATIONS
19	A Reliable Reinforcement Learning for Resource Allocation in Uplink NOMA-URLLC Networks. IEEE Transactions on Wireless Communications, 2022, 21, 5989-6002.	9.2	6
20	Graph-Embedded Multi-Agent Learning for Smart Reconfigurable THz MIMO-NOMA Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 259-275.	14.0	20
21	NOMA Empowered Integrated Sensing and Communication. IEEE Communications Letters, 2022, 26, 677-681.	4.1	50
22	Energy Efficient Resource Allocation for IRS Assisted CoMP Systems. IEEE Transactions on Wireless Communications, 2022, 21, 5688-5702.	9.2	15
23	Energy Efficient Resource Allocation for MSCA Enabled CoMP in HetNets. IEEE Transactions on Vehicular Technology, 2022, 71, 2965-2978.	6.3	6
24	Genetic variation of pharmacogenomic VIP variants in the Chinese Li population: an updated research. Molecular Genetics and Genomics, 2022, 297, 407-417.	2.1	2
25	Artificial Noise Aided Secure NOMA Communications in STAR-RIS Networks. IEEE Wireless Communications Letters, 2022, 11, 1191-1195.	5.0	44
26	Two Time-Scale Caching Placement and User Association in Dynamic Cellular Networks. IEEE Transactions on Communications, 2022, 70, 2561-2574.	7.8	8
27	Resource Allocation in STAR-RIS-Aided Networks: OMA and NOMA. IEEE Transactions on Wireless Communications, 2022, 21, 7653-7667.	9.2	39
28	NOMA-Aided Joint Radar and Multicast-Unicast Communication Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 1978-1992.	14.0	34
29	UAV-Enabled Non-Orthogonal Multiple Access Networks for Ground-Air-Ground Communications. IEEE Transactions on Green Communications and Networking, 2022, 6, 1340-1354.	5.5	19
30	Guest Editorial Special Issue on Intelligent Reflecting Surface for Green Communication, Computing, and Sensing. IEEE Transactions on Green Communications and Networking, 2022, 6, 160-162.	5.5	1
31	Special Issue on Next Generation Multiple Accessâ€”Part I. IEEE Journal on Selected Areas in Communications, 2022, 40, 1031-1036.	14.0	1
32	Physical Layer Security of Intelligent Reflective Surface Aided NOMA Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 7821-7834.	6.3	30
33	Simultaneously Transmitting and Reflecting Intelligent Omni-Surfaces: Modeling and Implementation. IEEE Vehicular Technology Magazine, 2022, 17, 46-54.	3.4	28
34	Guest Editorial Special Issue on Next Generation Multiple Accessâ€”Part II. IEEE Journal on Selected Areas in Communications, 2022, 40, 1387-1391.	14.0	1
35	Downlink Multi-RIS Aided Transmission in Backhaul Limited Networks. IEEE Wireless Communications Letters, 2022, 11, 1458-1462.	5.0	8
36	Reconfigurable intelligent surfaces for wireless communications: Overview of hardware designs, channel models, and estimation techniques. Intelligent and Converged Networks, 2022, 3, 1-32.	4.8	132

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37	NPAS4 Polymorphisms Contribute to Coronary Heart Disease (CHD) Risk. <i>Cardiovascular Toxicology</i> , 2022, 22, 515-527.	2.7	1
38	Performance Analysis for the Coupled Phase-Shift STAR-RISs. , 2022, , .		4
39	Blockage-Aware Beamforming Design for Active IRS-Aided mmWave Communication Systems. , 2022, , .		5
40	On the Performance of Uplink ISAC Systems. <i>IEEE Communications Letters</i> , 2022, 26, 1769-1773.	4.1	13
41	Computation Capacity Enhancement by Joint UAV and RIS Design in IoT. <i>IEEE Internet of Things Journal</i> , 2022, 9, 20590-20603.	8.7	15
42	Joint Optimization of Caching Placement and Trajectory for UAV-D2D Networks. <i>IEEE Transactions on Communications</i> , 2022, 70, 5514-5527.	7.8	20
43	Reconfigurable Intelligence Surface Aided UAV-MEC Systems With NOMA. <i>IEEE Communications Letters</i> , 2022, 26, 2121-2125.	4.1	12
44	Mobile Reconfigurable Intelligent Surfaces for NOMA Networks: Federated Learning Approaches. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 10020-10034.	9.2	10
45	Performance of Downlink and Uplink Integrated Sensing and Communications (ISAC) Systems. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1850-1854.	5.0	17
46	Integrating Over-the-Air Federated Learning and Non-Orthogonal Multiple Access: What Role Can RIS Play?. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 10083-10099.	9.2	26
47	Reconfigurable Intelligent Surface-Aided Multi-User Networks: Interplay Between NOMA and RIS. <i>IEEE Wireless Communications</i> , 2022, 29, 169-176.	9.0	33
48	STAR-RIS Aided NOMA in Multicell Networks: A General Analytical Framework With Gamma Distributed Channel Modeling. <i>IEEE Transactions on Communications</i> , 2022, 70, 5629-5644.	7.8	19
49	Effective Capacity Analysis of STAR-RIS-Assisted NOMA Networks. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1930-1934.	5.0	50
50	STAR-RIS Integrated Nonorthogonal Multiple Access and Over-the-Air Federated Learning: Framework, Analysis, and Optimization. <i>IEEE Internet of Things Journal</i> , 2022, 9, 17136-17156.	8.7	26
51	Effective Capacity Analysis of AmBC-NOMA Communication Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 11257-11261.	6.3	20
52	Fast Beam Splitting Technique for STAR-RISs with Coupled T&R Phase Shifts. , 2022, , .		1
53	I/Q Imbalance Aware Nonlinear Wireless-Powered Relaying of B5G Networks: Security and Reliability Analysis. <i>IEEE Transactions on Network Science and Engineering</i> , 2021, 8, 2995-3008.	6.4	53
54	Hardware Impairments Aware Full-Duplex NOMA Networks Over Rician Fading Channels. <i>IEEE Systems Journal</i> , 2021, 15, 2515-2518.	4.6	20

#	ARTICLE	IF	CITATIONS
55	Genetic variation of pharmacogenomic VIP variants in Zhuang nationality of southern China. <i>Pharmacogenomics Journal</i> , 2021, 21, 60-68.	2.0	6
56	Assessment of ADCY9 polymorphisms and colorectal cancer risk in the Chinese Han population. <i>Journal of Gene Medicine</i> , 2021, 23, e3298.	2.8	6
57	Artificial Intelligence Aided Next-Generation Networks Relying on UAVs. <i>IEEE Wireless Communications</i> , 2021, 28, 120-127.	9.0	39
58	Intelligent Reflecting Surface Aided Multiple Access Over Fading Channels. <i>IEEE Transactions on Communications</i> , 2021, 69, 2015-2027.	7.8	48
59	Joint Resource and Trajectory Optimization for Security in UAV-Assisted MEC Systems. <i>IEEE Transactions on Communications</i> , 2021, 69, 573-588.	7.8	94
60	Joint Deployment and Multiple Access Design for Intelligent Reflecting Surface Assisted Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021, 20, 6648-6664.	9.2	82
61	Throughput Analysis and User Barring Design for Uplink NOMA-Enabled Random Access. <i>IEEE Transactions on Wireless Communications</i> , 2021, 20, 6298-6314.	9.2	19
62	IEEE Access Special Section Editorial: Toward Service-Centric Internet of Things (IoT): From Modeling to Practice. <i>IEEE Access</i> , 2021, 9, 91259-91264.	4.2	0
63	Reconfigurable Intelligent Surfaces: Principles and Opportunities. <i>IEEE Communications Surveys and Tutorials</i> , 2021, 23, 1546-1577.	39.4	520
64	Power Profile-Based Antenna Selection for Millimeter Wave MIMO With an All-Planar Lens Antenna Array. <i>IEEE Access</i> , 2021, 9, 40476-40485.	4.2	2
65	A Novel Design of RIS for Enhancing the Physical Layer Security for RIS-Aided NOMA Networks. <i>IEEE Wireless Communications Letters</i> , 2021, 10, 2398-2401.	5.0	35
66	Transmit Power Pool Design for Grant-Free NOMA-IoT Networks via Deep Reinforcement Learning. <i>IEEE Transactions on Wireless Communications</i> , 2021, 20, 7626-7641.	9.2	28
67	Reconfigurable Intelligent Surface Assisted Cooperative Non-Orthogonal Multiple Access Systems. <i>IEEE Transactions on Communications</i> , 2021, 69, 6750-6764.	7.8	16
68	Impact of genetic variants in IL-2RA and IL-2RB on breast cancer risk in Chinese Han women. <i>Biochemical Genetics</i> , 2021, 59, 697-713.	1.7	0
69	Machine Learning for User Partitioning and Phase Shifters Design in RIS-Aided NOMA Networks. <i>IEEE Transactions on Communications</i> , 2021, 69, 7414-7428.	7.8	33
70	User Grouping and Energy Harvesting in UAV-NOMA System With AF/DF Relaying. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 11855-11868.	6.3	39
71	Joint Task Offloading and Resource Allocation for NOMA-Enabled Multi-Access Mobile Edge Computing. <i>IEEE Transactions on Communications</i> , 2021, 69, 1548-1564.	7.8	43
72	RIS Enhanced Massive Non-Orthogonal Multiple Access Networks: Deployment and Passive Beamforming Design. <i>IEEE Journal on Selected Areas in Communications</i> , 2021, 39, 1057-1071.	14.0	120

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73	Signal Fractions Analysis and Safety-Distance Modeling in V2V Inter-Lane Communications. IEEE Communications Letters, 2021, 25, 1387-1390.	4.1	1
74	Semi-Grant-Free NOMA: Ergodic Rates Analysis With Random Deployed Users. IEEE Wireless Communications Letters, 2021, 10, 692-695.	5.0	18
75	Over-the-Air Federated Learning and Non-Orthogonal Multiple Access Unified by Reconfigurable Intelligent Surface. , 2021, , .		14
76	Intelligent Reflecting Surface Assisted NOMA With Heterogeneous Internal Secrecy Requirements. IEEE Wireless Communications Letters, 2021, 10, 1103-1107.	5.0	23
77	Joint User Activity and Data Detection in Grant-Free NOMA using Generative Neural Networks. , 2021, , .		3
78	Path Design for NOMA-Enhanced Robots: A Machine Learning Approach with Radio Map. , 2021, , .		0
79	Transmit Power Pool Design for Uplink IoT Networks with Grant-free NOMA. , 2021, , .		2
80	Capacity Characterization of Intelligent Reflecting Surface Assisted NOMA Systems. , 2021, , .		1
81	Reconfigurable Intelligent Surface-assisted Networks: Phase Alignment Categories. , 2021, , .		0
82	Capacity and Optimal Resource Allocation for IRS-Assisted Multi-User Communication Systems. IEEE Transactions on Communications, 2021, 69, 3771-3786.	7.8	69
83	Trajectory and Passive Beamforming Design for IRS-aided Multi-Robot NOMA Indoor Networks. , 2021, , .		5
84	Secrecy Performance Analysis for Reconfigurable Intelligent Surface aided NOMA Network. , 2021, , .		8
85	SLARM: Simultaneous Localization and Radio Mapping for Communication-aware Connected Robot. , 2021, , .		5
86	Downlink and Uplink Intelligent Reflecting Surface Aided Networks: NOMA and OMA. IEEE Transactions on Wireless Communications, 2021, 20, 3988-4000.	9.2	115
87	Multi-cell NOMA: Coherent Reconfigurable Intelligent Surfaces Model With Stochastic Geometry. , 2021, , .		6
88	Integrated 3C in NOMA-Enabled Remote-E-Health Systems. IEEE Wireless Communications, 2021, 28, 62-68.	9.0	5
89	Resource Allocation for Multi-Cell IRS-Aided NOMA Networks. IEEE Transactions on Wireless Communications, 2021, 20, 4253-4268.	9.2	107
90	Energy-Constrained UAV Data Collection Systems: NOMA and OMA. IEEE Transactions on Vehicular Technology, 2021, 70, 6898-6912.	6.3	21

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91	Machine Learning Empowered Trajectory and Passive Beamforming Design in UAV-RIS Wireless Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 2042-2055.	14.0	125
92	Intelligent Reflecting Surface Enhanced Indoor Robot Path Planning: A Radio Map-Based Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4732-4747.	9.2	31
93	Reconfigurable Intelligent Surface Enhanced NOMA Assisted Backscatter Communication System. IEEE Transactions on Vehicular Technology, 2021, 70, 7261-7266.	6.3	23
94	Resource Allocation in Uplink NOMA-IoT Networks: A Reinforcement-Learning Approach. IEEE Transactions on Wireless Communications, 2021, 20, 5083-5098.	9.2	47
95	Trajectory Optimization for UAV Emergency Communication With Limited User Equipment Energy: A Safe-DQN Approach. IEEE Transactions on Green Communications and Networking, 2021, 5, 1236-1247.	5.5	49
96	Adaptive Reinforcement Learning Framework for NOMA-UAV Networks. IEEE Communications Letters, 2021, 25, 2943-2947.	4.1	8
97	Coverage Characterization of STAR-RIS Networks: NOMA and OMA. IEEE Communications Letters, 2021, 25, 3036-3040.	4.1	104
98	Energy-Efficient Multiaccess Edge Computing for Terrestrial-Satellite Internet of Things. IEEE Internet of Things Journal, 2021, 8, 14202-14218.	8.7	69
99	STAR-RISs: Simultaneous Transmitting and Reflecting Reconfigurable Intelligent Surfaces. IEEE Communications Letters, 2021, 25, 3134-3138.	4.1	160
100	Intelligent Reflecting Surface Enhanced Multi-UAV NOMA Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 3051-3066.	14.0	95
101	Non-Orthogonal Multiple Access (NOMA) With Multiple Intelligent Reflecting Surfaces. IEEE Transactions on Wireless Communications, 2021, 20, 7184-7195.	9.2	34
102	UAV-Assisted MEC Networks With Aerial and Ground Cooperation. IEEE Transactions on Wireless Communications, 2021, 20, 7712-7727.	9.2	52
103	Three-Dimension Trajectory Design for Multi-UAV Wireless Network With Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 600-612.	6.3	30
104	Stochastic Game Based Cooperative Alternating Q-Learning Caching in Dynamic D2D Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 13255-13269.	6.3	10
105	Influence of CMTM8 polymorphisms on lung cancer susceptibility in the Chinese Han population. Pharmacogenetics and Genomics, 2021, 31, 89-95.	1.5	1
106	Robotic Communications for 5G and Beyond: Challenges and Research Opportunities. IEEE Communications Magazine, 2021, 59, 92-98.	6.1	13
107	AI-Driven UAV-NOMA-MEC in Next Generation Wireless Networks. IEEE Wireless Communications, 2021, 28, 66-73.	9.0	28
108	The contribution of the and genetic polymorphisms to IgA nephropathy in the Chinese Han population. American Journal of Translational Research (discontinued), 2021, 13, 11718-11727.	0.0	0

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109	Joint Beamforming Optimization for Simultaneously Transmitting And Reflecting (STAR) RIS Aided Communications : (Invited Paper). , 2021, , .		6
110	Reliable Reinforcement Learning Based NOMA Schemes for URLLC. , 2021, , .		1
111	STAR: Simultaneous Transmission and Reflection for 360° Coverage by Intelligent Surfaces. IEEE Wireless Communications, 2021, 28, 102-109.	9.0	190
112	Meta-learning for RIS-assisted NOMA Networks. , 2021, , .		3
113	Enabling Ubiquitous Non-Orthogonal Multiple Access and Pervasive Federated Learning via STAR-RIS. , 2021, , .		7
114	Enhancing Security of NOMA Networks via Distributed Intelligent Reflecting Surfaces. , 2021, , .		0
115	Simultaneously Transmitting And Reflecting (STAR) RIS Assisted NOMA Systems. , 2021, , .		13
116	Simultaneously Transmitting And Reflecting RIS Aided NOMA With Randomly Deployed Users. , 2021, , .		5
117	Multi-Agent Reinforcement Learning-Based Resource Allocation for UAV Networks. IEEE Transactions on Wireless Communications, 2020, 19, 729-743.	9.2	296
118	Full-Duplex Cooperative NOMA Relaying Systems With I/Q Imbalance and Imperfect SIC. IEEE Wireless Communications Letters, 2020, 9, 17-20.	5.0	123
119	Non-Orthogonal Multiple Access for Massive Connectivity. SpringerBriefs in Computer Science, 2020, , .	0.2	18
120	Next-Generation mm-Wave Small-Cell Networks: Multiple Access, Caching, and Resource Management. IEEE Vehicular Technology Magazine, 2020, 15, 46-53.	3.4	2
121	Residual Transceiver Hardware Impairments on Cooperative NOMA Networks. IEEE Transactions on Wireless Communications, 2020, 19, 680-695.	9.2	239
122	Association of polymorphisms in <i>LOC105377871</i> and <i>CASC16</i> with breast cancer in the northwest Chinese Han population. Journal of Gene Medicine, 2020, 22, e3131.	2.8	5
123	Secure Communications in a Unified Non-Orthogonal Multiple Access Framework. IEEE Transactions on Wireless Communications, 2020, 19, 2163-2178.	9.2	57
124	When Machine Learning Meets Big Data: A Wireless Communication Perspective. IEEE Vehicular Technology Magazine, 2020, 15, 63-72.	3.4	60
125	Cache-Enabled HetNets With Limited Backhaul: A Stochastic Geometry Model. IEEE Transactions on Communications, 2020, 68, 7007-7022.	7.8	13
126	The influence of CYP1A1 and CYP1A2 polymorphisms on stroke risk in the Chinese population. Lipids in Health and Disease, 2020, 19, 221.	3.0	8

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127	Reconfigurable Intelligent Surface Aided NOMA Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 2575-2588.	14.0	215
128	Intelligent Reflecting Surface Enhanced Millimeter-Wave NOMA Systems. IEEE Communications Letters, 2020, 24, 2632-2636.	4.1	64
129	Priority-Oriented Trajectory Planning for UAV-Aided Time-Sensitive IoT Networks. , 2020, , .		6
130	Reinforcement Learning for User Clustering in NOMA-Enabled Uplink IoT. , 2020, , .		7
131	Distributed Reinforcement Learning for NOMA-Enabled Mobile Edge Computing. , 2020, , .		3
132	The Application of Intelligent Reflecting Surface in Downlink NOMA Systems. , 2020, , .		9
133	Cache-Enabling UAV Communications: Network Deployment and Resource Allocation. IEEE Transactions on Wireless Communications, 2020, 19, 7470-7483.	9.2	59
134	Reinforcement Learning in V2I Communication Assisted Autonomous Driving. , 2020, , .		2
135	Massive NOMA Enhanced IoT Networks with Partial CSI. , 2020, , .		3
136	QoE Based Network Deployment and Caching Placement for Cache-Enabling UAV Networks. , 2020, , .		8
137	Cache-Aided NOMA Mobile Edge Computing: A Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2020, 19, 6899-6915.	9.2	65
138	Content-Centric Mobile Edge Caching. IEEE Access, 2020, 8, 11722-11731.	4.2	22
139	Exploiting Intelligent Reflecting Surfaces in NOMA Networks: Joint Beamforming Optimization. IEEE Transactions on Wireless Communications, 2020, 19, 6884-6898.	9.2	251
140	Caching Placement and Resource Allocation for Cache-Enabling UAV NOMA Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 12897-12911.	6.3	47
141	MIMO-NOMA Networks Relying on Reconfigurable Intelligent Surface: A Signal Cancellation-Based Design. IEEE Transactions on Communications, 2020, 68, 6932-6944.	7.8	81
142	IEEE Access Special Section Editorial: Advances in Signal Processing for Non-Orthogonal Multiple Access. IEEE Access, 2020, 8, 149214-149219.	4.2	0
143	Resource Allocation in Intelligent Reflecting Surface Assisted NOMA Systems. IEEE Transactions on Communications, 2020, 68, 7170-7183.	7.8	149
144	Performance Analysis for Large Intelligent Surfaces enabled MIMO Networks. , 2020, , .		1

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145	Semi-Grant-Free Uplink NOMA with Contention Control: A Stochastic Geometry Model. , 2020, , .		10
146	Fair Non-Orthogonal Multiple Access Communication Systems with Reconfigurable Intelligent Surface. , 2020, , .		5
147	<i>CYP24A1</i> rs1570669 Variant Has a Protective Effect against Tumors of the Urinary System. Public Health Genomics, 2020, 23, 200-209.	1.0	0
148	Outage Behaviors of NOMA-Based Satellite Network Over Shadowed-Rician Fading Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 6818-6821.	6.3	69
149	Association of GSDMC polymorphisms with lumbar disc herniation among Chinese Han population. International Journal of Immunogenetics, 2020, 47, 546-553.	1.8	10
150	Evaluation of genetic variants in <i>IL6</i> and its interaction with the predisposition of osteoporosis in the northwestern Chinese Han population. Journal of Gene Medicine, 2020, 22, e3214.	2.8	14
151	Enhancing the Fuel-Economy of V2I-Assisted Autonomous Driving: A Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 8329-8342.	6.3	39
152	Secrecy Analysis of Ambient Backscatter NOMA Systems Under I/Q Imbalance. IEEE Transactions on Vehicular Technology, 2020, 69, 12286-12290.	6.3	120
153	Non-Orthogonal Multiple Access for Air-to-Ground Communication. IEEE Transactions on Communications, 2020, 68, 2934-2949.	7.8	42
154	NOMA-Enhanced Terrestrial and Aerial IoT Networks With Partial CSI. IEEE Internet of Things Journal, 2020, 7, 3254-3266.	8.7	15
155	Learning Automata Based Q-Learning for Content Placement in Cooperative Caching. IEEE Transactions on Communications, 2020, 68, 3667-3680.	7.8	33
156	Coverage Analysis of mmWave Networks With Cooperative NOMA Systems. IEEE Communications Letters, 2020, 24, 1544-1547.	4.1	4
157	Clustered UAV Networks With Millimeter Wave Communications: A Stochastic Geometry View. IEEE Transactions on Communications, 2020, 68, 4342-4357.	7.8	33
158	CASC15 polymorphisms are correlated with cervical cancer susceptibility in Chinese women. Molecular Genetics & Genomic Medicine, 2020, 8, e1246.	1.2	5
159	CYP2B6 Polymorphisms Are Associated with Ischemic Stroke Risk in a Chinese Han Population. Journal of Molecular Neuroscience, 2020, 70, 1130-1139.	2.3	1
160	User Grouping and Power Allocation in NOMA Systems: A Reinforcement Learning-Based Solution. Lecture Notes in Computer Science, 2020, , 299-311.	1.3	3
161	UAV-Aided Multi-Way NOMA Networks With Residual Hardware Impairments. IEEE Wireless Communications Letters, 2020, 9, 1538-1542.	5.0	72
162	MiR-143HG Gene Polymorphisms as Risk Factors for Gastric Cancer in Chinese Han Population. Current Molecular Medicine, 2020, 20, 536-547.	1.3	1

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163	What Is NOMA?. SpringerBriefs in Computer Science, 2020, , 7-12.	0.2	1
164	Challenges and Conclusions. SpringerBriefs in Computer Science, 2020, , 97-98.	0.2	0
165	Artificial Intelligence (AI) Enabled NOMA. SpringerBriefs in Computer Science, 2020, , 89-94.	0.2	0
166	Sustainability of NOMA. SpringerBriefs in Computer Science, 2020, , 45-65.	0.2	0
167	Downlink Analysis for Reconfigurable Intelligent Surfaces Aided NOMA Networks. , 2020, , .		17
168	Intelligent Reflecting Surfaces Enhanced Federated Learning. , 2020, , .		5
169	Intelligent Reflecting Surface Aided Multi-Cell NOMA Networks. , 2020, , .		2
170	Deep Reinforcement Learning for RIS-Aided Non-Orthogonal Multiple Access Downlink Networks. , 2020, , .		11
171	Outage Performance of Downlink IRS-Assisted NOMA Systems. , 2020, , .		13
172	NOMA in UAV-aided cellular offloading: A machine learning approach. , 2020, , .		3
173	Resource Allocation In IRSs Aided MISO-NOMA Networks: A Machine Learning Approach. , 2020, , .		9
174	Intelligent Reflecting Surface Assisted NOMA Over Fading Channels. , 2020, , .		1
175	Caching Placement and Resource Allocation for AR Application in UAV NOMA Networks. , 2020, , .		8
176	<i>IL1R2</i> Polymorphisms are Associated with Increased Risk of Esophageal Cancer. Current Molecular Medicine, 2020, 20, 379-387.	1.3	6
177	UAV-to-Everything (U2X) Networks Relying on NOMA: A Stochastic Geometry Model. IEEE Transactions on Vehicular Technology, 2020, 69, 7558-7568.	6.3	28
178	A Wireless-Vision Dataset for Privacy Preserving Human Activity Recognition. , 2020, , .		3
179	Deep Reinforcement Learning for Caching Placement and Content Delivery in UAV NOMA Networks. , 2020, , .		7
180	Machine Learning for Position Prediction and Determination in Aerial Base Station System. , 2019, , .		3

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