

Octavia Dobre

List of Publications by Year in descending order

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442
papers

13,731
citations

36691

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36203

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all docs

445
docs citations

445
times ranked

8122
citing authors

#	ARTICLE	IF	CITATIONS
1	QoE-Aware Efficient Content Distribution Scheme For Satellite-Terrestrial Networks. IEEE Transactions on Mobile Computing, 2023, 22, 443-458.	3.9	74
2	Device-to-Device Aided Cooperative NOMA Transmission Exploiting Overheard Signal. IEEE Transactions on Wireless Communications, 2022, 21, 1304-1318.	6.1	8
3	6G Internet of Things: A Comprehensive Survey. IEEE Internet of Things Journal, 2022, 9, 359-383.	5.5	366
4	Battery Recharging Time Models for Reconfigurable Intelligent Surfaces-Assisted Wireless Power Transfer Systems. IEEE Transactions on Green Communications and Networking, 2022, 6, 1173-1185.	3.5	8
5	Subchannel and Power Allocation in Downlink VLC Under Different System Configurations. IEEE Transactions on Wireless Communications, 2022, 21, 3179-3191.	6.1	8
6	Reconfigurable Intelligent Surface Optimization for Uplink Sparse Code Multiple Access. IEEE Communications Letters, 2022, 26, 133-137.	2.5	19
7	Massive Uncoordinated Multiple Access for Beyond 5G. IEEE Transactions on Wireless Communications, 2022, 21, 2969-2986.	6.1	7
8	Artificial Noise Aided Secure Communications for Cooperative NOMA Networks. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 946-963.	4.9	7
9	Age- and Correlation-Aware Information Gathering. IEEE Wireless Communications Letters, 2022, 11, 273-277.	3.2	5
10	Full-Duplex Self-Interference Cancellation Using Dual-Neurons Neural Networks. IEEE Communications Letters, 2022, 26, 557-561.	2.5	9
11	Perturbation Theory-Aided Learned Digital Back-Propagation Scheme for Optical Fiber Nonlinearity Compensation. Journal of Lightwave Technology, 2022, 40, 1981-1988.	2.7	8
12	Private 5G Networks: Concepts, Architectures, and Research Landscape. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 7-25.	7.3	56
13	LiFi through Reconfigurable Intelligent Surfaces: A New Frontier for 6G?. IEEE Vehicular Technology Magazine, 2022, 17, 37-46.	2.8	45
14	On the Capacity of RIS-Assisted Intensity-Modulation Optical Channels. IEEE Communications Letters, 2022, 26, 389-393.	2.5	5
15	Deep Learning-Based Time-Varying Channel Estimation for RIS Assisted Communication. IEEE Communications Letters, 2022, 26, 94-98.	2.5	22
16	Spectral-Energy Efficiency Trade-Off Based Design for Hybrid TDMA-NOMA System. IEEE Transactions on Vehicular Technology, 2022, 71, 3377-3382.	3.9	14
17	NOMA Empowered Integrated Sensing and Communication. IEEE Communications Letters, 2022, 26, 677-681.	2.5	50
18	Physical Layer Node Authentication in Underwater Acoustic Sensor Networks Using Time-Reversal. IEEE Sensors Journal, 2022, 22, 3796-3809.	2.4	15

#	ARTICLE	IF	CITATIONS
19	Path Loss of RIS-Aided Spatial Modulation With On/Off Pattern. IEEE Communications Letters, 2022, 26, 937-941.	2.5	5
20	Digital Twin-Aided Intelligent Offloading With Edge Selection in Mobile Edge Computing. IEEE Wireless Communications Letters, 2022, 11, 806-810.	3.2	56
21	An IR-UWB Multi-Sensor Approach for Collision Avoidance in Indoor Environments. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	2.4	9
22	Guest Editorial Advanced Signal Processing for Local and Private 5G Networks. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 2-6.	7.3	0
23	Improved Sea-Ice Identification Using Semantic Segmentation With Raindrop Removal. IEEE Access, 2022, 10, 21599-21607.	2.6	3
24	Efficient Subchannel and Power Allocation in Multi-cell Indoor VLC Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 237-247.	0.2	0
25	On the Security of Full-Duplex Relay-Assisted Underwater Acoustic Network With NOMA. IEEE Transactions on Vehicular Technology, 2022, 71, 6255-6265.	3.9	6
26	Distributed Learning for Wireless Communications: Methods, Applications and Challenges. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 326-342.	7.3	13
27	Two-Timescale Resource Allocation for Automated Networks in IIoT. IEEE Transactions on Wireless Communications, 2022, 21, 7881-7896.	6.1	6
28	Joint Optimization of Trajectory and Resource Allocation for Time-Constrained UAV-Enabled Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 5576-5580.	3.9	11
29	Hybrid-Layers Neural Network Architectures for Modeling the Self-Interference in Full-Duplex Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 6291-6307.	3.9	6
30	Deep Reinforcement Learning for RIS-Assisted FD Systems: Single or Distributed RIS?. IEEE Communications Letters, 2022, 26, 1563-1567.	2.5	16
31	Perturbation-aided deep neural network for dual-polarization optical communication systems. , 2022, , .		2
32	STBC Recognition for OFDM Transmissions: Channel Decoder Aided Algorithm. IEEE Communications Letters, 2022, 26, 1658-1662.	2.5	2
33	Editorial: Introduction to the Issue on Distributed Machine Learning for Wireless Communication. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 320-325.	7.3	0
34	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
35	Digital RIS (DRIS): The Future of Digital Beam Management in RIS-Assisted OWC Systems. Journal of Lightwave Technology, 2022, 40, 5597-5604.	2.7	9
36	Cognitive Radios Equipped With Modulation and STBC Recognition Over Coded Transmissions. IEEE Wireless Communications Letters, 2022, 11, 1513-1517.	3.2	6

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37	Tensor-Based Joint Channel Estimation for Multi-Way Massive MIMO Hybrid Relay Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 9571-9585.	3.9	4
38	Time-Delay Unit Based Beam Squint Mitigation for RIS-Aided Communications. IEEE Communications Letters, 2022, 26, 2220-2224.	2.5	5
39	Few-Shot Learning UAV Recognition Methods Based on the Tri-Residual Semantic Network. IEEE Communications Letters, 2022, 26, 2072-2076.	2.5	5
40	UAV-Aided Aerial Reconfigurable Intelligent Surface Communications With Massive MIMO System. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1828-1838.	4.9	13
41	Federated Generative Adversarial Networks based Channel Estimation. , 2022, , .		6
42	Low Complexity Neural Network Structures for Self-Interference Cancellation in Full-Duplex Radio. IEEE Communications Letters, 2021, 25, 181-185.	2.5	25
43	Full-Duplex Non-Orthogonal Multiple Access Cooperative Overlay Spectrum-Sharing Networks With SWIPT. IEEE Transactions on Green Communications and Networking, 2021, 5, 322-334.	3.5	45
44	Joint Optimization of UAV 3-D Placement and Path-Loss Factor for Energy-Efficient Maximal Coverage. IEEE Internet of Things Journal, 2021, 8, 9776-9786.	5.5	59
45	Energy-Efficient Data Dissemination Using a UAV: An Ant Colony Approach. IEEE Wireless Communications Letters, 2021, 10, 16-20.	3.2	17
46	A New Path Division Multiple Access for the Massive MIMO-OTFS Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 903-918.	9.7	69
47	Sum Rate Maximization for IRS-Assisted Uplink NOMA. IEEE Communications Letters, 2021, 25, 234-238.	2.5	144
48	Exploiting Deep Learning for Secure Transmission in an Underlay Cognitive Radio Network. IEEE Transactions on Vehicular Technology, 2021, 70, 726-741.	3.9	15
49	Deep Learning-Based RIS Channel Extrapolation With Element-Grouping. IEEE Wireless Communications Letters, 2021, 10, 2644-2648.	3.2	16
50	Intelligent Reflecting Surface-Aided Indoor Visible Light Communication Systems. IEEE Communications Letters, 2021, 25, 3913-3917.	2.5	45
51	An Enhanced Spectrum Reservation Framework for Heterogeneous Users in CR-Enabled IoT Networks. IEEE Wireless Communications Letters, 2021, 10, 2504-2508.	3.2	15
52	Modulation Classification Based on Fourth-Order Cumulants of Superposed Signal in NOMA Systems. IEEE Transactions on Information Forensics and Security, 2021, 16, 2885-2897.	4.5	16
53	Detection and Identification of Mobile Network Signals. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-4.	2.4	3
54	Joint Access Point Assignment and Power Allocation in Multi-Tier Hybrid RF/VLC HetNets. IEEE Transactions on Wireless Communications, 2021, 20, 6329-6342.	6.1	24

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55	Downlink Multi-Carrier NOMA With Opportunistic Bandwidth Allocations. IEEE Wireless Communications Letters, 2021, 10, 2426-2429.	3.2	13
56	Blind Modulation Identification Algorithm For Two-Path Successive Relaying Systems. IEEE Wireless Communications Letters, 2021, 10, 2369-2373.	3.2	8
57	Analysis of RIS-Based Terrestrial-FSO Link Over G-G Turbulence With Distance and Jitter Ratios. Journal of Lightwave Technology, 2021, 39, 6746-6758.	2.7	40
58	Deep Learning Based Channel Extrapolation for Large-Scale Antenna Systems: Opportunities, Challenges and Solutions. IEEE Wireless Communications, 2021, 28, 160-167.	6.6	12
59	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
60	Performance Analysis of Intelligent Reflecting Surface Aided Wireless Networks With Wireless Power Transfer. IEEE Communications Letters, 2021, 25, 793-797.	2.5	18
61	Large Intelligent Surface-Assisted Nonorthogonal Multiple Access for 6G Networks: Performance Analysis. IEEE Internet of Things Journal, 2021, 8, 5129-5140.	5.5	26
62	Hardware Impaired Ambient Backscatter NOMA Systems: Reliability and Security. IEEE Transactions on Communications, 2021, 69, 2723-2736.	4.9	162
63	Re-Configurable Intelligent Surface-Based VLC Receivers Using Tunable Liquid-Crystals: The Concept. Journal of Lightwave Technology, 2021, 39, 3193-3200.	2.7	44
64	Backscatter-Enabled NOMA for Future 6G Systems: A New Optimization Framework Under Imperfect SIC. IEEE Communications Letters, 2021, 25, 1669-1672.	2.5	61
65	Toward the Use of Re-configurable Intelligent Surfaces in VLC Systems: Beam Steering. IEEE Wireless Communications, 2021, 28, 156-162.	6.6	34
66	Energy-efficient Joint Beamforming Design for IRS-assisted MISO System. , 2021, , .		4
67	Energy Efficient Subchannel and Power Allocation in Cooperative VLC Systems. IEEE Communications Letters, 2021, 25, 1935-1939.	2.5	10
68	Reconfigurable Intelligent Surface-Assisted Uplink Sparse Code Multiple Access. IEEE Communications Letters, 2021, 25, 2058-2062.	2.5	27
69	Energy Efficiency Maximization in RIS-Aided Cell-Free Network With Limited Backhaul. IEEE Communications Letters, 2021, 25, 1974-1978.	2.5	34
70	Toward Blockchain for Edge-of-Things: A New Paradigm, Opportunities, and Future Directions. IEEE Internet of Things Magazine, 2021, 4, 102-108.	2.0	37
71	Simultaneous Cellular and D2D Communications Exploiting Cooperative Uplink NOMA. IEEE Communications Letters, 2021, 25, 1848-1852.	2.5	7
72	Ordinary Differential Equation-Based CNN for Channel Extrapolation Over RIS-Assisted Communication. IEEE Communications Letters, 2021, 25, 1921-1925.	2.5	27

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73	Energy-Efficient Resource Allocation for IRS-Assisted Multi-Antenna Uplink Systems. IEEE Wireless Communications Letters, 2021, 10, 1261-1265.	3.2	18
74	Sum Rate Analysis of Generalized Space Shift Keying-Aided MIMO-NOMA Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 7232-7236.	3.9	2
75	An Efficient Specific Emitter Identification Method Based on Complex-Valued Neural Networks and Network Compression. IEEE Journal on Selected Areas in Communications, 2021, 39, 2305-2317.	9.7	103
76	Robust Design for Intelligent Reflecting Surface-Assisted MIMO-OFDMA Terahertz IoT Networks. IEEE Internet of Things Journal, 2021, 8, 13052-13064.	5.5	57
77	Role Assignment for Spatially-Correlated Data Aggregation Using Multi-Sink Internet of Underwater Things. IEEE Transactions on Green Communications and Networking, 2021, 5, 1570-1579.	3.5	5
78	Second-Order Perturbation Theory-Based Digital Predistortion for Fiber Nonlinearity Compensation. Journal of Lightwave Technology, 2021, 39, 5474-5485.	2.7	8
79	Coverage Characterization of STAR-RIS Networks: NOMA and OMA. IEEE Communications Letters, 2021, 25, 3036-3040.	2.5	104
80	Cascaded Channel Estimation for RIS Assisted mmWave MIMO Transmissions. IEEE Wireless Communications Letters, 2021, 10, 2065-2069.	3.2	38
81	Iterative Modulation Classification Algorithm for Two-Path Successive Relaying Systems. IEEE Wireless Communications Letters, 2021, 10, 2017-2021.	3.2	11
82	Intelligent Reflecting Surfaces Assisted UAV Communications for IoT Networks: Performance Analysis. IEEE Transactions on Green Communications and Networking, 2021, 5, 1029-1040.	3.5	62
83	NOMA for Wireless-Powered Communication Networks With Buffered Sources. IEEE Transactions on Vehicular Technology, 2021, 70, 9088-9102.	3.9	2
84	Effective Capacity Analysis of HARQ-Enabled D2D Communication in Multi-Tier Cellular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 9144-9159.	3.9	12
85	STAR-RISs: Simultaneous Transmitting and Reflecting Reconfigurable Intelligent Surfaces. IEEE Communications Letters, 2021, 25, 3134-3138.	2.5	160
86	Exploiting Impacts of Antenna Selection and Energy Harvesting for Massive Network Connectivity. IEEE Transactions on Communications, 2021, 69, 7587-7602.	4.9	18
87	A Joint Beamforming and Power-Splitter Optimization Technique for SWIPT in MISO-NOMA System. IEEE Access, 2021, 9, 33018-33029.	2.6	3
88	Deep Learning Optimized Sparse Antenna Activation for Reconfigurable Intelligent Surface Assisted Communication. IEEE Transactions on Communications, 2021, 69, 6691-6705.	4.9	53
89	Fully Decentralized Federated Learning-Based On-Board Mission for UAV Swarm System. IEEE Communications Letters, 2021, 25, 3296-3300.	2.5	14
90	Deep Reinforcement Learning for Optimizing RIS-Assisted HD-FD Wireless Systems. IEEE Communications Letters, 2021, 25, 3893-3897.	2.5	21

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91	Joint Road Side Units Selection and Resource Allocation in Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 13190-13204.	3.9	18
92	Age-Optimal Information Gathering in Linear Underwater Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 13129-13138.	3.9	9
93	Security Improvement for Energy Harvesting Based Overlay Cognitive Networks With Jamming-Assisted Full-Duplex Destinations. IEEE Transactions on Vehicular Technology, 2021, 70, 12232-12237.	3.9	14
94	Secure Transmission Design Based on the Geographical Location of Eavesdropper. , 2021, , .		1
95	Reviewers and Editors Appreciation 2021. IEEE Open Journal of the Communications Society, 2021, 2, xvi-xvi.	4.4	0
96	Learning-Assisted User Clustering in Cell-Free Massive MIMO-NOMA Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 12872-12887.	3.9	23
97	Design of a Power Amplifying-RIS for Free-Space Optical Communication Systems. IEEE Wireless Communications, 2021, 28, 152-159.	6.6	18
98	Efficient Estimation and Prediction for Sparse Time-Varying Underwater Acoustic Channels. IEEE Journal of Oceanic Engineering, 2020, 45, 1112-1125.	2.1	42
99	Design of Energy Efficient Hybrid VLC/RF/PLC Communication System for Indoor Networks. IEEE Wireless Communications Letters, 2020, 9, 143-147.	3.2	27
100	Optimal Power Allocation for Full-Duplex Underwater Relay Networks With Energy Harvesting: A Reinforcement Learning Approach. IEEE Wireless Communications Letters, 2020, 9, 223-227.	3.2	44
101	Collision-Free Sequential Task Offloading for Mobile Edge Computing. IEEE Communications Letters, 2020, 24, 71-75.	2.5	16
102	Time and Carrier Frequency Synchronization for Coherent Optical Communication: Implementation Considerations, Measurements, and Analysis. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5810-5820.	2.4	5
103	On Safeguarding Visible Light Communication Systems Against Attacks by Active Adversaries. IEEE Photonics Technology Letters, 2020, 32, 11-14.	1.3	8
104	Decision Fusion for IoT-Based Wireless Sensor Networks. IEEE Internet of Things Journal, 2020, 7, 1313-1326.	5.5	71
105	Optimization of Rate Fairness in Multi-Pair Wireless-Powered Relaying Systems. IEEE Communications Letters, 2020, 24, 603-607.	2.5	2
106	Semi-Blind Interference Aligned NOMA for Downlink MU-MISO Systems. IEEE Transactions on Communications, 2020, 68, 1852-1865.	4.9	15
107	Large Intelligent Surface Assisted Wireless Communications With Spatial Modulation and Antenna Selection. IEEE Journal on Selected Areas in Communications, 2020, 38, 2562-2574.	9.7	65
108	Intelligent Reflecting Surface Enhanced Millimeter-Wave NOMA Systems. IEEE Communications Letters, 2020, 24, 2632-2636.	2.5	64

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109	Spectral-Energy Efficiency Trade-Off-Based Beamforming Design for MISO Non-Orthogonal Multiple Access Systems. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 6593-6606.	6.1	21
110	An Efficient Topology Discovery Protocol with Node ID Assignment Based on Layered Model for Underwater Acoustic Networks. <i>Sensors</i> , 2020, 20, 6601.	2.1	5
111	Neural-Network-Switched Kalman Filters as Novel Trackers for Multipath Channels. , 2020, , .		0
112	Resource Allocation Technique for Hybrid TDMA-NOMA System with Opportunistic Time Assignment. , 2020, , .		23
113	Throughput Maximization in Buffer-aided Wireless-Powered NOMA Networks. , 2020, , .		3
114	Power Minimization for Multi-Cell Uplink NOMA With Imperfect SIC. <i>IEEE Wireless Communications Letters</i> , 2020, 9, 2030-2034.	3.2	31
115	Cooperative NOMA: State of the Art, Key Techniques, and Open Challenges. <i>IEEE Network</i> , 2020, 34, 205-211.	4.9	55
116	An Outlook on the Interplay of Artificial Intelligence and Software-Defined Metasurfaces: An Overview of Opportunities and Limitations. <i>IEEE Vehicular Technology Magazine</i> , 2020, 15, 62-73.	2.8	15
117	Energy-Efficient Spatially-Correlated Data Aggregation Using Unmanned Aerial Vehicles. , 2020, , .		4
118	Rate-Splitting Multiple Access: Unifying NOMA and SDMA in MISO VLC Channels. <i>IEEE Open Journal of Vehicular Technology</i> , 2020, 1, 393-413.	3.4	37
119	Hierarchical Codebook-Based Multiuser Beam Training for Millimeter Wave Massive MIMO. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 8142-8152.	6.1	43
120	A Prospective Look: Key Enabling Technologies, Applications and Open Research Topics in 6G Networks. <i>IEEE Access</i> , 2020, 8, 174792-174820.	2.6	192
121	On the Effective Capacity of an Underwater Acoustic Channel under Impersonation Attack. , 2020, , .		8
122	On the Complexity Reduction of Uplink Sparse Code Multiple Access for Spatial Modulation. <i>IEEE Transactions on Communications</i> , 2020, 68, 6962-6974.	4.9	16
123	IEEE Access Special Section Editorial: Advances in Statistical Channel Modeling for Future Wireless Communications Networks. <i>IEEE Access</i> , 2020, 8, 160325-160328.	2.6	0
124	The Concept of Time Sharing NOMA into UAV-Enabled Communications: An Energy-Efficient Approach. , 2020, , .		5
125	Role Assignment for Energy-Efficient Data Gathering Using Internet of Underwater Things. , 2020, , .		4
126	Energy-Efficient and Throughput Fair Resource Allocation for TS-NOMA UAV-Assisted Communications. <i>IEEE Transactions on Communications</i> , 2020, 68, 7156-7169.	4.9	53

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127	Energy-Efficient Joint Power Control and Receiver Design for Uplink mmWave-NOMA. , 2020, , .		5
128	VLC in Future Heterogeneous Networks: Energy and Spectral Efficiency Optimization. , 2020, , .		17
129	VLC-Based Networking: Feasibility and Challenges. IEEE Network, 2020, 34, 158-165.	4.9	53
130	Energy-Constrained UAV-Assisted Secure Communications With Position Optimization and Cooperative Jamming. IEEE Transactions on Communications, 2020, 68, 4476-4489.	4.9	72
131	Task Scheduling for Mobile Edge Computing Using Genetic Algorithm and Conflict Graphs. IEEE Transactions on Vehicular Technology, 2020, 69, 8805-8819.	3.9	70
132	Massive MIMO-Assisted Mobile Edge Computing: Exciting Possibilities for Computation Offloading. IEEE Vehicular Technology Magazine, 2020, 15, 31-38.	2.8	21
133	Energy Efficiency Optimization for Secure Transmission in a MIMO-NOMA System. , 2020, , .		3
134	Non-Orthogonal Multiple Access with Wireless Caching for 5G-Enabled Vehicular Networks. IEEE Network, 2020, 34, 127-133.	4.9	12
135	Insecure Region Around Receiver for Downlink Transmissions With Randomly Located Active Eavesdropper. IEEE Wireless Communications Letters, 2020, 9, 1552-1556.	3.2	4
136	On the Spectral and Energy Efficiencies of Full-Duplex Cell-Free Massive MIMO. IEEE Journal on Selected Areas in Communications, 2020, 38, 1698-1718.	9.7	64
137	Bender's Decomposition for Optimization Design Problems in Communication Networks. IEEE Network, 2020, 34, 232-239.	4.9	9
138	Blind Signal Detection in Cellular Bands. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 657-659.	2.4	2
139	Angle-Domain NOMA Over Multicell Millimeter Wave Massive MIMO Networks. IEEE Transactions on Communications, 2020, 68, 2277-2292.	4.9	23
140	Defending Against Randomly Located Eavesdroppers by Establishing a Protecting Region. Sensors, 2020, 20, 438.	2.1	1
141	Graph Neural Network-Based Channel Tracking for Massive MIMO Networks. IEEE Communications Letters, 2020, 24, 1747-1751.	2.5	23
142	Delay Minimization for Massive MIMO Assisted Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2020, 69, 6788-6792.	3.9	27
143	CITP: Collision and Interruption Tolerant Protocol for Underwater Acoustic Sensor Networks. IEEE Communications Letters, 2020, 24, 1328-1332.	2.5	9
144	A Novel Heap-based Pilot Assignment for Full Duplex Cell-Free Massive MIMO with Zero-Forcing. , 2020, , .		8

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145	Subchannel Allocation Based on Clustered Interference Alignment for Differentiated Data Streams in Dense Small Cell Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 14049-14054.	3.9	5
146	Deep Learning Based Antenna Selection for Channel Extrapolation in FDD Massive MIMO. , 2020, , .		15
147	Matching Theory-Based Joint Access Point Assignment and Power Allocation in Hybrid RF/VLC HetNet. , 2020, , .		2
148	Recurrent Neural Network Assisted Transmitter Selection for Secrecy in Cognitive Radio Network. , 2020, , .		5
149	Multiple Access for Massive MIMO-OTFS Networks over Angle-Delay-Doppler Domain. , 2020, , .		3
150	TC-13 " wireless and telecommunications in measurements " in action. IEEE Instrumentation and Measurement Magazine, 2020, 23, 14-17.	1.2	2
151	Reliable Detection for Spatial Modulation Systems. , 2020, , .		2
152	Reinforcement Learning-based Energy-Efficient Power Allocation for Underwater Full-Duplex Relay Network with Energy Harvesting. , 2020, , .		5
153	A Robust Modulation Classification Method for PSK Signals Using Random Graphs. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 642-644.	2.4	18
154	EiC Farewell and Welcome to New EiC. IEEE Communications Letters, 2019, 23, 1113-1114.	2.5	0
155	Joint Power Control and User Association for NOMA-Based Full-Duplex Systems. IEEE Transactions on Communications, 2019, 67, 8037-8055.	4.9	50
156	Robust Energy-Efficient Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 7937-7949.	4.9	13
157	Delay Minimization for NOMA-Assisted MEC Under Power and Energy Constraints. IEEE Wireless Communications Letters, 2019, 8, 1657-1661.	3.2	41
158	Using Bender's Decomposition for Optimal Power Control and Routing in Multihop D2D Cellular Systems. IEEE Transactions on Wireless Communications, 2019, 18, 5050-5064.	6.1	13
159	Superior Selective Reporting-Based Spectrum Sensing in Energy Harvesting-Aided HCRNs. , 2019, , .		1
160	Enhanced Regular Perturbation-Based Nonlinearity Compensation Technique for Optical Transmission Systems. IEEE Photonics Journal, 2019, 11, 1-12.	1.0	17
161	Low-Cost Uplink Sparse Code Multiple Access for Spatial Modulation. IEEE Transactions on Vehicular Technology, 2019, 68, 9313-9317.	3.9	25
162	Optimum Low-Complexity Decoder for Spatial Modulation. IEEE Journal on Selected Areas in Communications, 2019, 37, 2001-2013.	9.7	21

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163	Introduction to the Special Section on Energy-Harvesting Cognitive Radio Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 342-346.	4.9	0
164	Secure Downlink Massive MIMO NOMA Network in the Presence of a Multiple-Antenna Eavesdropper. , 2019, , .		5
165	A Fast, Accurate, and Separable Method for Fitting a Gaussian Function [Tips & Tricks]. IEEE Signal Processing Magazine, 2019, 36, 157-163.	4.6	22
166	Codebook-Based Max-Min Energy-Efficient Resource Allocation for Uplink mmWave MIMO-NOMA Systems. IEEE Transactions on Communications, 2019, 67, 8303-8314.	4.9	15
167	Editorial: Introduction to the Issue Index Modulation for Future Wireless Networks: A Signal Processing Perspective. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1219-1222.	7.3	2
168	Introduction to the Special Section From the GLOBECOM 2018 Cognitive Radio and Networks Symposium. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 780-782.	4.9	0
169	Spectral- and Energy-Efficient Resource Allocation for Multi-Carrier Uplink NOMA Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 9293-9296.	3.9	49
170	Secrecy Performance of Small-Cell Networks With Transmitter Selection and Unreliable Backhaul Under Spectrum Sharing Environment. IEEE Transactions on Vehicular Technology, 2019, 68, 10895-10908.	3.9	17
171	Energy Efficiency Optimization for Secure Transmission in MISO Cognitive Radio Network With Energy Harvesting. IEEE Access, 2019, 7, 126234-126252.	2.6	23
172	Energy-Efficient Joint User-RB Association and Power Allocation for Uplink Hybrid NOMA-OMA. IEEE Internet of Things Journal, 2019, 6, 5119-5131.	5.5	110
173	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
174	A Non-Data-Aided OSNR Estimation Algorithm for Coherent Optical Fiber Communication Systems Employing Multilevel Constellations. Journal of Lightwave Technology, 2019, 37, 3815-3825.	2.7	15
175	Blind Identification of SFBC-OFDM Signals Based on the Central Limit Theorem. IEEE Transactions on Wireless Communications, 2019, 18, 3500-3514.	6.1	7
176	Securing Downlink Massive MIMO-NOMA Networks With Artificial Noise. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 685-699.	7.3	64
177	Joint Power and Time Allocation for NOMA-MEC Offloading. IEEE Transactions on Vehicular Technology, 2019, 68, 6207-6211.	3.9	206
178	A Machine Learning-Based Detection Technique for Optical Fiber Nonlinearity Mitigation. IEEE Photonics Technology Letters, 2019, 31, 627-630.	1.3	33
179	Sensing-Throughput Tradeoff for Superior Selective Reporting-Based Spectrum Sensing in Energy Harvesting HCRNs. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 330-341.	4.9	8
180	IEEE Access Special Section Editorial: Modeling, Analysis, AND Design OF 5G Ultra-Dense Networks. IEEE Access, 2019, 7, 18894-18898.	2.6	3

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