

Octavia A Dobre

List of Publications by Year in descending order

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252
papers

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254
times ranked

6106
citing authors

#	ARTICLE	IF	CITATIONS
1	Device-to-Device Aided Cooperative NOMA Transmission Exploiting Overheard Signal. IEEE Transactions on Wireless Communications, 2022, 21, 1304-1318.	9.2	8
2	Battery Recharging Time Models for Reconfigurable Intelligent Surfaces-Assisted Wireless Power Transfer Systems. IEEE Transactions on Green Communications and Networking, 2022, 6, 1173-1185.	5.5	8
3	Subchannel and Power Allocation in Downlink VLC Under Different System Configurations. IEEE Transactions on Wireless Communications, 2022, 21, 3179-3191.	9.2	8
4	Reconfigurable Intelligent Surface Optimization for Uplink Sparse Code Multiple Access. IEEE Communications Letters, 2022, 26, 133-137.	4.1	19
5	Massive Uncoordinated Multiple Access for Beyond 5G. IEEE Transactions on Wireless Communications, 2022, 21, 2969-2986.	9.2	7
6	Artificial Noise Aided Secure Communications for Cooperative NOMA Networks. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 946-963.	7.9	7
7	Age- and Correlation-Aware Information Gathering. IEEE Wireless Communications Letters, 2022, 11, 273-277.	5.0	5
8	LiFi through Reconfigurable Intelligent Surfaces: A New Frontier for 6G?. IEEE Vehicular Technology Magazine, 2022, 17, 37-46.	3.4	45
9	On the Capacity of RIS-Assisted Intensity-Modulation Optical Channels. IEEE Communications Letters, 2022, 26, 389-393.	4.1	5
10	Deep Learning-Based Time-Varying Channel Estimation for RIS Assisted Communication. IEEE Communications Letters, 2022, 26, 94-98.	4.1	22
11	Spectral-Energy Efficiency Trade-Off Based Design for Hybrid TDMA-NOMA System. IEEE Transactions on Vehicular Technology, 2022, 71, 3377-3382.	6.3	14
12	Path Loss of RIS-Aided Spatial Modulation With On/Off Pattern. IEEE Communications Letters, 2022, 26, 937-941.	4.1	5
13	Digital Twin-Aided Intelligent Offloading With Edge Selection in Mobile Edge Computing. IEEE Wireless Communications Letters, 2022, 11, 806-810.	5.0	56
14	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.	0.3	0
15	On the Security of Full-Duplex Relay-Assisted Underwater Acoustic Network With NOMA. IEEE Transactions on Vehicular Technology, 2022, 71, 6255-6265.	6.3	6
16	Joint Optimization of Trajectory and Resource Allocation for Time-Constrained UAV-Enabled Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 5576-5580.	6.3	11
17	Hybrid-Layers Neural Network Architectures for Modeling the Self-Interference in Full-Duplex Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 6291-6307.	6.3	6
18	Deep Reinforcement Learning for RIS-Assisted FD Systems: Single or Distributed RIS?. IEEE Communications Letters, 2022, 26, 1563-1567.	4.1	16

#	ARTICLE	IF	CITATIONS
19	Perturbation-aided deep neural network for dual-polarization optical communication systems. , 2022, , .		2
20	STBC Recognition for OFDM Transmissions: Channel Decoder Aided Algorithm. IEEE Communications Letters, 2022, 26, 1658-1662.	4.1	2
21	Cognitive Radios Equipped With Modulation and STBC Recognition Over Coded Transmissions. IEEE Wireless Communications Letters, 2022, 11, 1513-1517.	5.0	6
22	Low Complexity Neural Network Structures for Self-Interference Cancellation in Full-Duplex Radio. IEEE Communications Letters, 2021, 25, 181-185.	4.1	25
23	Full-Duplex Non-Orthogonal Multiple Access Cooperative Overlay Spectrum-Sharing Networks With SWIPT. IEEE Transactions on Green Communications and Networking, 2021, 5, 322-334.	5.5	45
24	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.	8.7	59
25	Energy-Efficient Data Dissemination Using a UAV: An Ant Colony Approach. IEEE Wireless Communications Letters, 2021, 10, 16-20.	5.0	17
26	A New Path Division Multiple Access for the Massive MIMO-OTFS Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 903-918.	14.0	69
27	Sum Rate Maximization for IRS-Assisted Uplink NOMA. IEEE Communications Letters, 2021, 25, 234-238.	4.1	144
28	Exploiting Deep Learning for Secure Transmission in an Underlay Cognitive Radio Network. IEEE Transactions on Vehicular Technology, 2021, 70, 726-741.	6.3	15
29	Deep Learning-Based RIS Channel Extrapolation With Element-Grouping. IEEE Wireless Communications Letters, 2021, 10, 2644-2648.	5.0	16
30	Intelligent Reflecting Surface-Aided Indoor Visible Light Communication Systems. IEEE Communications Letters, 2021, 25, 3913-3917.	4.1	45
31	Modulation Classification Based on Fourth-Order Cumulants of Superposed Signal in NOMA Systems. IEEE Transactions on Information Forensics and Security, 2021, 16, 2885-2897.	6.9	16
32	Detection and Identification of Mobile Network Signals. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-4.	4.7	3
33	Joint Access Point Assignment and Power Allocation in Multi-Tier Hybrid RF/VLC HetNets. IEEE Transactions on Wireless Communications, 2021, 20, 6329-6342.	9.2	24
34	Downlink Multi-Carrier NOMA With Opportunistic Bandwidth Allocations. IEEE Wireless Communications Letters, 2021, 10, 2426-2429.	5.0	13
35	Blind Modulation Identification Algorithm For Two-Path Successive Relaying Systems. IEEE Wireless Communications Letters, 2021, 10, 2369-2373.	5.0	8
36	Deep Learning Based Channel Extrapolation for Large-Scale Antenna Systems: Opportunities, Challenges and Solutions. IEEE Wireless Communications, 2021, 28, 160-167.	9.0	12

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37	Robust 3D-Trajectory and Time Switching Optimization for Dual-UAV-Enabled Secure Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 3334-3347.	14.0	41
38	Performance Analysis of Intelligent Reflecting Surface Aided Wireless Networks With Wireless Power Transfer. IEEE Communications Letters, 2021, 25, 793-797.	4.1	18
39	Large Intelligent Surface-Assisted Nonorthogonal Multiple Access for 6G Networks: Performance Analysis. IEEE Internet of Things Journal, 2021, 8, 5129-5140.	8.7	26
40	Hardware Impaired Ambient Backscatter NOMA Systems: Reliability and Security. IEEE Transactions on Communications, 2021, 69, 2723-2736.	7.8	162
41	Re-Configurable Intelligent Surface-Based VLC Receivers Using Tunable Liquid-Crystals: The Concept. Journal of Lightwave Technology, 2021, 39, 3193-3200.	4.6	44
42	Backscatter-Enabled NOMA for Future 6G Systems: A New Optimization Framework Under Imperfect SIC. IEEE Communications Letters, 2021, 25, 1669-1672.	4.1	61
43	Toward the Use of Re-configurable Intelligent Surfaces in VLC Systems: Beam Steering. IEEE Wireless Communications, 2021, 28, 156-162.	9.0	34
44	Energy-efficient Joint Beamforming Design for IRS-assisted MISO System. , 2021, , .		4
45	Energy Efficient Subchannel and Power Allocation in Cooperative VLC Systems. IEEE Communications Letters, 2021, 25, 1935-1939.	4.1	10
46	Reconfigurable Intelligent Surface-Assisted Uplink Sparse Code Multiple Access. IEEE Communications Letters, 2021, 25, 2058-2062.	4.1	27
47	Energy Efficiency Maximization in RIS-Aided Cell-Free Network With Limited Backhaul. IEEE Communications Letters, 2021, 25, 1974-1978.	4.1	34
48	Ordinary Differential Equation-Based CNN for Channel Extrapolation Over RIS-Assisted Communication. IEEE Communications Letters, 2021, 25, 1921-1925.	4.1	27
49	Energy-Efficient Resource Allocation for IRS-Assisted Multi-Antenna Uplink Systems. IEEE Wireless Communications Letters, 2021, 10, 1261-1265.	5.0	18
50	Sum Rate Analysis of Generalized Space Shift Keying-Aided MIMO-NOMA Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 7232-7236.	6.3	2
51	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.	14.0	103
52	Robust Design for Intelligent Reflecting Surface-Assisted MIMO-OFDMA Terahertz IoT Networks. IEEE Internet of Things Journal, 2021, 8, 13052-13064.	8.7	57
53	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.	5.5	5
54	Second-Order Perturbation Theory-Based Digital Predistortion for Fiber Nonlinearity Compensation. Journal of Lightwave Technology, 2021, 39, 5474-5485.	4.6	8

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55	Coverage Characterization of STAR-RIS Networks: NOMA and OMA. IEEE Communications Letters, 2021, 25, 3036-3040.	4.1	104
56	Iterative Modulation Classification Algorithm for Two-Path Successive Relaying Systems. IEEE Wireless Communications Letters, 2021, 10, 2017-2021.	5.0	11
57	Intelligent Reflecting Surfaces Assisted UAV Communications for IoT Networks: Performance Analysis. IEEE Transactions on Green Communications and Networking, 2021, 5, 1029-1040.	5.5	62
58	NOMA for Wireless-Powered Communication Networks With Buffered Sources. IEEE Transactions on Vehicular Technology, 2021, 70, 9088-9102.	6.3	2
59	Effective Capacity Analysis of HARQ-Enabled D2D Communication in Multi-Tier Cellular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 9144-9159.	6.3	12
60	STAR-RISs: Simultaneous Transmitting and Reflecting Reconfigurable Intelligent Surfaces. IEEE Communications Letters, 2021, 25, 3134-3138.	4.1	160
61	A Joint Beamforming and Power-Splitter Optimization Technique for SWIPT in MISO-NOMA System. IEEE Access, 2021, 9, 33018-33029.	4.2	3
62	Deep Learning Optimized Sparse Antenna Activation for Reconfigurable Intelligent Surface Assisted Communication. IEEE Transactions on Communications, 2021, 69, 6691-6705.	7.8	53
63	Deep Reinforcement Learning for Optimizing RIS-Assisted HD-FD Wireless Systems. IEEE Communications Letters, 2021, 25, 3893-3897.	4.1	21
64	Joint Road Side Units Selection and Resource Allocation in Vehicular Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 13190-13204.	6.3	18
65	Age-Optimal Information Gathering in Linear Underwater Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 13129-13138.	6.3	9
66	Security Improvement for Energy Harvesting Based Overlay Cognitive Networks With Jamming-Assisted Full-Duplex Destinations. IEEE Transactions on Vehicular Technology, 2021, 70, 12232-12237.	6.3	14
67	Secure Transmission Design Based on the Geographical Location of Eavesdropper. , 2021, , .		1
68	Learning-Assisted User Clustering in Cell-Free Massive MIMO-NOMA Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 12872-12887.	6.3	23
69	Design of a Power Amplifying-RIS for Free-Space Optical Communication Systems. IEEE Wireless Communications, 2021, 28, 152-159.	9.0	18
70	Design of Energy Efficient Hybrid VLC/RF/PLC Communication System for Indoor Networks. IEEE Wireless Communications Letters, 2020, 9, 143-147.	5.0	27
71	Optimal Power Allocation for Full-Duplex Underwater Relay Networks With Energy Harvesting: A Reinforcement Learning Approach. IEEE Wireless Communications Letters, 2020, 9, 223-227.	5.0	44
72	Collision-Free Sequential Task Offloading for Mobile Edge Computing. IEEE Communications Letters, 2020, 24, 71-75.	4.1	16

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73	Time and Carrier Frequency Synchronization for Coherent Optical Communication: Implementation Considerations, Measurements, and Analysis. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5810-5820.	4.7	5
74	Decision Fusion for IoT-Based Wireless Sensor Networks. IEEE Internet of Things Journal, 2020, 7, 1313-1326.	8.7	71
75	Semi-Blind Interference Aligned NOMA for Downlink MU-MISO Systems. IEEE Transactions on Communications, 2020, 68, 1852-1865.	7.8	15
76	Large Intelligent Surface Assisted Wireless Communications With Spatial Modulation and Antenna Selection. IEEE Journal on Selected Areas in Communications, 2020, 38, 2562-2574.	14.0	65
77	Intelligent Reflecting Surface Enhanced Millimeter-Wave NOMA Systems. IEEE Communications Letters, 2020, 24, 2632-2636.	4.1	64
78	Spectral-Energy Efficiency Trade-Off-Based Beamforming Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Wireless Communications, 2020, 19, 6593-6606.	9.2	21
79	An Efficient Topology Discovery Protocol with Node ID Assignment Based on Layered Model for Underwater Acoustic Networks. Sensors, 2020, 20, 6601.	3.8	5
80	Resource Allocation Technique for Hybrid TDMA-NOMA System with Opportunistic Time Assignment. , 2020, , .		23
81	Power Minimization for Multi-Cell Uplink NOMA With Imperfect SIC. IEEE Wireless Communications Letters, 2020, 9, 2030-2034.	5.0	31
82	An Outlook on the Interplay of Artificial Intelligence and Software-Defined Metasurfaces: An Overview of Opportunities and Limitations. IEEE Vehicular Technology Magazine, 2020, 15, 62-73.	3.4	15
83	Energy-Efficient Spatially-Correlated Data Aggregation Using Unmanned Aerial Vehicles. , 2020, , .		4
84	Rate-Splitting Multiple Access: Unifying NOMA and SDMA in MISO VLC Channels. IEEE Open Journal of Vehicular Technology, 2020, 1, 393-413.	4.9	37
85	A Prospective Look: Key Enabling Technologies, Applications and Open Research Topics in 6G Networks. IEEE Access, 2020, 8, 174792-174820.	4.2	192
86	On the Effective Capacity of an Underwater Acoustic Channel under Impersonation Attack. , 2020, , .		8
87	On the Complexity Reduction of Uplink Sparse Code Multiple Access for Spatial Modulation. IEEE Transactions on Communications, 2020, 68, 6962-6974.	7.8	16
88	The Concept of Time Sharing NOMA into UAV-Enabled Communications: An Energy-Efficient Approach. , 2020, , .		5
89	Role Assignment for Energy-Efficient Data Gathering Using Internet of Underwater Things. , 2020, , .		4
90	Energy-Efficient and Throughput Fair Resource Allocation for TS-NOMA UAV-Assisted Communications. IEEE Transactions on Communications, 2020, 68, 7156-7169.	7.8	53

#	ARTICLE	IF	CITATIONS
91	Energy-Efficient Joint Power Control and Receiver Design for Uplink mmWave-NOMA. , 2020, , .		5
92	VLC in Future Heterogeneous Networks: Energy and Spectral Efficiency Optimization. , 2020, , .		17
93	VLC-Based Networking: Feasibility and Challenges. IEEE Network, 2020, 34, 158-165.	6.9	53
94	Energy-Constrained UAV-Assisted Secure Communications With Position Optimization and Cooperative Jamming. IEEE Transactions on Communications, 2020, 68, 4476-4489.	7.8	72
95	Task Scheduling for Mobile Edge Computing Using Genetic Algorithm and Conflict Graphs. IEEE Transactions on Vehicular Technology, 2020, 69, 8805-8819.	6.3	70
96	Massive MIMO-Assisted Mobile Edge Computing: Exciting Possibilities for Computation Offloading. IEEE Vehicular Technology Magazine, 2020, 15, 31-38.	3.4	21
97	Energy Efficiency Optimization for Secure Transmission in a MIMO-NOMA System. , 2020, , .		3
98	Non-Orthogonal Multiple Access with Wireless Caching for 5G-Enabled Vehicular Networks. IEEE Network, 2020, 34, 127-133.	6.9	12
99	Insecure Region Around Receiver for Downlink Transmissions With Randomly Located Active Eavesdropper. IEEE Wireless Communications Letters, 2020, 9, 1552-1556.	5.0	4
100	On the Spectral and Energy Efficiencies of Full-Duplex Cell-Free Massive MIMO. IEEE Journal on Selected Areas in Communications, 2020, 38, 1698-1718.	14.0	64
101	Blind Signal Detection in Cellular Bands. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 657-659.	4.7	2
102	Defending Against Randomly Located Eavesdroppers by Establishing a Protecting Region. Sensors, 2020, 20, 438.	3.8	1
103	Graph Neural Network-Based Channel Tracking for Massive MIMO Networks. IEEE Communications Letters, 2020, 24, 1747-1751.	4.1	23
104	CITP: Collision and Interruption Tolerant Protocol for Underwater Acoustic Sensor Networks. IEEE Communications Letters, 2020, 24, 1328-1332.	4.1	9
105	Reliable Detection for Spatial Modulation Systems. , 2020, , .		2
106	Reinforcement Learning-based Energy-Efficient Power Allocation for Underwater Full-Duplex Relay Network with Energy Harvesting. , 2020, , .		5
107	A Robust Modulation Classification Method for PSK Signals Using Random Graphs. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 642-644.	4.7	18
108	Joint Power Control and User Association for NOMA-Based Full-Duplex Systems. IEEE Transactions on Communications, 2019, 67, 8037-8055.	7.8	50

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109	Robust Energy-Efficient Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 7937-7949.	7.8	13
110	Delay Minimization for NOMA-Assisted MEC Under Power and Energy Constraints. IEEE Wireless Communications Letters, 2019, 8, 1657-1661.	5.0	41
111	Using Bender's Decomposition for Optimal Power Control and Routing in Multihop D2D Cellular Systems. IEEE Transactions on Wireless Communications, 2019, 18, 5050-5064.	9.2	13
112	Enhanced Regular Perturbation-Based Nonlinearity Compensation Technique for Optical Transmission Systems. IEEE Photonics Journal, 2019, 11, 1-12.	2.0	17
113	Low-Cost Uplink Sparse Code Multiple Access for Spatial Modulation. IEEE Transactions on Vehicular Technology, 2019, 68, 9313-9317.	6.3	25
114	Optimum Low-Complexity Decoder for Spatial Modulation. IEEE Journal on Selected Areas in Communications, 2019, 37, 2001-2013.	14.0	21
115	Codebook-Based Max-Min Energy-Efficient Resource Allocation for Uplink mmWave MIMO-NOMA Systems. IEEE Transactions on Communications, 2019, 67, 8303-8314.	7.8	15
116	Spectral- and Energy-Efficient Resource Allocation for Multi-Carrier Uplink NOMA Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 9293-9296.	6.3	49
117	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.	6.3	17
118	Energy Efficiency Optimization for Secure Transmission in MISO Cognitive Radio Network With Energy Harvesting. IEEE Access, 2019, 7, 126234-126252.	4.2	23
119	Energy-Efficient Joint User-RB Association and Power Allocation for Uplink Hybrid NOMA-OMA. IEEE Internet of Things Journal, 2019, 6, 5119-5131.	8.7	110
120	A Non-Data-Aided OSNR Estimation Algorithm for Coherent Optical Fiber Communication Systems Employing Multilevel Constellations. Journal of Lightwave Technology, 2019, 37, 3815-3825.	4.6	15
121	Blind Identification of SFBC-OFDM Signals Based on the Central Limit Theorem. IEEE Transactions on Wireless Communications, 2019, 18, 3500-3514.	9.2	7
122	Securing Downlink Massive MIMO-NOMA Networks With Artificial Noise. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 685-699.	10.8	64
123	Joint Power and Time Allocation for NOMA-MEC Offloading. IEEE Transactions on Vehicular Technology, 2019, 68, 6207-6211.	6.3	206
124	A Machine Learning-Based Detection Technique for Optical Fiber Nonlinearity Mitigation. IEEE Photonics Technology Letters, 2019, 31, 627-630.	2.5	33
125	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.	7.9	8
126	On the Performance of Network NOMA in Uplink CoMP Systems: A Stochastic Geometry Approach. IEEE Transactions on Communications, 2019, 67, 5084-5098.	7.8	47

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127	Energy Efficient Beamforming Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 4117-4131.	7.8	56
128	Joint Antenna Array Mode Selection and User Assignment for Full-Duplex MU-MISO Systems. IEEE Transactions on Wireless Communications, 2019, 18, 2946-2963.	9.2	22
129	On the Impact of Mode Selection on Effective Capacity of Device-to-Device Communication. IEEE Wireless Communications Letters, 2019, 8, 945-948.	5.0	30
130	Sequential Task Scheduling for Mobile Edge Computing Using Genetic Algorithm. , 2019, , .		9
131	On Energy Harvesting of Hybrid TDMA-NOMA Systems. , 2019, , .		23
132	Securing Massive MIMO-NOMA Networks with ZF Beamforming and Artificial Noise. , 2019, , .		8
133	Outage Performance of Full-Duplex Overlay CR-NOMA Networks with SWIPT. , 2019, , .		11
134	Fiber Nonlinearity Mitigation via the Parzen Window Classifier for Dispersion Managed and Unmanaged Links. , 2019, , .		1
135	A Novel Spectral-Efficient Resource Allocation Approach for NOMA-Based Full-Duplex Systems. , 2019, , .		0
136	Sum Rate Fairness Trade-off-based Resource Allocation Technique for MISO NOMA Systems. , 2019, , .		7
137	Optimal Interference Management, Power Control and Routing in Multihop D2D Cellular Systems. , 2019, , .		2
138	Energy Efficiency Fairness Beamforming Designs for MISO NOMA Systems. , 2019, , .		15
139	5G and IoT: Towards a new era of communications and measurements. IEEE Instrumentation and Measurement Magazine, 2019, 22, 18-26.	1.6	36
140	Joint Blind Identification of the Number of Transmit Antennas and MIMO Schemes Using Gerschgorin Radii and FNN. IEEE Transactions on Wireless Communications, 2019, 18, 373-387.	9.2	14
141	Incremental Relaying for Power Line Communications: Performance Analysis and Power Allocation. IEEE Systems Journal, 2019, 13, 4236-4247.	4.6	10
142	Energy-Efficient Power Allocation in Uplink mmWave Massive MIMO With NOMA. IEEE Transactions on Vehicular Technology, 2019, 68, 3000-3004.	6.3	79
143	Time Reversal Based MAC for Multi-Hop Underwater Acoustic Networks. IEEE Systems Journal, 2019, 13, 2531-2542.	4.6	25
144	Design and Implementation of a Tree-Based Blind Modulation Classification Algorithm for Multiple-Antenna Systems. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 3020-3031.	4.7	30

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145	Energy-Efficient Power Allocation for MIMO-NOMA With Multiple Users in a Cluster. IEEE Access, 2018, 6, 5170-5181.	4.2	100
146	Downlink Beamforming for Energy-Efficient Heterogeneous Networks With Massive MIMO and Small Cells. IEEE Transactions on Wireless Communications, 2018, 17, 3386-3400.	9.2	51
147	Is Self-Interference in Full-Duplex Communications a Foe or a Friend?. IEEE Signal Processing Letters, 2018, 25, 951-955.	3.6	22
148	Doppler Spread Estimation in MIMO Frequency-Selective Fading Channels. IEEE Transactions on Wireless Communications, 2018, 17, 1951-1965.	9.2	31
149	Full-Duplex Communications: Performance in Ultradense mm-Wave Small-Cell Wireless Networks. IEEE Vehicular Technology Magazine, 2018, 13, 40-47.	3.4	29
150	Resource Allocation for Downlink NOMA Systems: Key Techniques and Open Issues. IEEE Wireless Communications, 2018, 25, 40-47.	9.0	295
151	Blind Modulation Classification of Different Variants of QPSK and 8-PSK for Multiple-Antenna Systems with Transmission Impairments. , 2018, , .		8
152	Joint Power Control and Routing in Multihop D2D Assisted Cellular Systems. , 2018, , .		2
153	Hierarchical Full-Duplex Underwater Acoustic Network: A NOMA Approach. , 2018, , .		17
154	Training-Aided Joint Frame and Frequency Synchronization for THP FTN Coherent Optical Systems. , 2018, , .		1
155	Energy-Efficient Power Allocation for Uplink NOMA. , 2018, , .		16
156	Stackelberg Game-Based Energy Efficient Power Allocation for Heterogeneous NOMA Networks. , 2018, , .		6
157	Signature-Based Nonorthogonal Massive Multiple Access for Future Wireless Networks: Uplink Massive Connectivity for Machine-Type Communications. IEEE Vehicular Technology Magazine, 2018, 13, 40-50.	3.4	106
158	Joint Modulation Classification and OSNR Estimation Enabled by Support Vector Machine. IEEE Photonics Technology Letters, 2018, 30, 2127-2130.	2.5	38
159	Blind Identification of SFBC-OFDM Signals Using Subspace Decompositions and Random Matrix Theory. IEEE Transactions on Vehicular Technology, 2018, 67, 9619-9630.	6.3	11
160	Directional Spatial Channel Estimation for Massive FD-MIMO in Next Generation 5G Networks. , 2018, , .		2
161	All Technologies Work Together for Good: A Glance at Future Mobile Networks. IEEE Wireless Communications, 2018, 25, 10-16.	9.0	79
162	Low Complexity Decoders for Spatial and Quadrature Spatial Modulations - Invited Paper. , 2018, , .		10

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163	Energy-Efficient Power Allocation for Hybrid Multiple Access Systems. , 2018, , .		6
164	A New Design Paradigm for Secure Full-Duplex Multiuser Systems. IEEE Journal on Selected Areas in Communications, 2018, 36, 1480-1498.	14.0	49
165	Spatial Channel Estimation-Based FDD-MIMO Interference Alignment Systems. IEEE Wireless Communications Letters, 2017, 6, 254-257.	5.0	8
166	Unbiased Channel Estimation Based on the Discrete Fresnel Transform for CO-OFDM Systems. IEEE Photonics Technology Letters, 2017, 29, 691-694.	2.5	9
167	Quadrature Spatial Modulation Decoding Complexity: Study and Reduction. IEEE Wireless Communications Letters, 2017, 6, 378-381.	5.0	31
168	Energy and Traffic Aware Full-Duplex Communications for 5G Systems. IEEE Access, 2017, 5, 11278-11290.	4.2	35
169	Identification of Cellular Networks for Intelligent Radio Measurements. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2204-2211.	4.7	27
170	On the Sum Rate of MIMO-NOMA and MIMO-OMA Systems. IEEE Wireless Communications Letters, 2017, 6, 534-537.	5.0	134
171	Number of Transmit Antennas Detection Using Time-Diversity of the Fading Channel. IEEE Transactions on Signal Processing, 2017, 65, 4031-4046.	5.3	16
172	Capacity Comparison Between MIMO-NOMA and MIMO-OMA With Multiple Users in a Cluster. IEEE Journal on Selected Areas in Communications, 2017, 35, 2413-2424.	14.0	270
173	Energy Management for Energy Harvesting Wireless Sensors With Adaptive Retransmission. IEEE Transactions on Communications, 2017, 65, 5487-5498.	7.8	25
174	Chirp Spread Spectrum Toward the Nyquist Signaling Rateâ€™ Orthogonality Condition and Applications. IEEE Signal Processing Letters, 2017, 24, 1488-1492.	3.6	48
175	A Survey on Fiber Nonlinearity Compensation for 400 Gb/s and Beyond Optical Communication Systems. IEEE Communications Surveys and Tutorials, 2017, 19, 3097-3113.	39.4	95
176	Automatic Identification of Space-Frequency Block Coding for OFDM Systems. IEEE Transactions on Wireless Communications, 2017, 16, 117-128.	9.2	25
177	Power-Domain Non-Orthogonal Multiple Access (NOMA) in 5G Systems: Potentials and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 721-742.	39.4	1,698
178	Low Complexity Automatic Modulation Classification Based on Order-Statistics. IEEE Transactions on Wireless Communications, 2017, 16, 400-411.	9.2	87
179	Cognitive Heterogeneous Networks with Best Relay Selection over Unreliable Backhaul Connections. , 2017, , .		10
180	Cooperation in 5G HetNets: Advanced Spectrum Access and D2D Assisted Communications. IEEE Wireless Communications, 2017, 24, 110-117.	9.0	61

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181	A Fair Individual Rate Comparison between MIMO-NOMA and MIMO-OMA. , 2017, , .		17
182	Incremental Selective Decode-and-Forward Relaying for Power Line Communication. , 2017, , .		6
183	Bandwidth-efficient synchronization for fiber optic transmission: system performance measurements. IEEE Instrumentation and Measurement Magazine, 2017, 20, 39-45.	1.6	4
184	Modulation Classification Using Received Signal's Amplitude Distribution for Coherent Receivers. IEEE Photonics Technology Letters, 2017, 29, 1872-1875.	2.5	44
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