

Yunfei Chen

List of Publications by Year in descending order

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195
papers

8,361
citations

50276

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49909

87
g-index

198
all docs

198
docs citations

198
times ranked

5728
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Channel Modeling for UAV Communications. IEEE Communications Surveys and Tutorials, 2018, 20, 2804-2821.	39.4	551
2	UAV-Assisted Emergency Networks in Disasters. IEEE Wireless Communications, 2019, 26, 45-51.	9.0	443
3	Wideband spectrum sensing for cognitive radio networks: a survey. IEEE Wireless Communications, 2013, 20, 74-81.	9.0	420
4	UAV Trajectory Optimization for Data Offloading at the Edge of Multiple Cells. IEEE Transactions on Vehicular Technology, 2018, 67, 6732-6736.	6.3	270
5	Caching UAV Assisted Secure Transmission in Hyper-Dense Networks Based on Interference Alignment. IEEE Transactions on Communications, 2018, 66, 2281-2294.	7.8	263
6	Optimum Placement of UAV as Relays. IEEE Communications Letters, 2018, 22, 248-251.	4.1	257
7	Joint Trajectory and Precoding Optimization for UAV-Assisted NOMA Networks. IEEE Transactions on Communications, 2019, 67, 3723-3735.	7.8	236
8	UAV-Relaying-Assisted Secure Transmission With Caching. IEEE Transactions on Communications, 2019, 67, 3140-3153.	7.8	216
9	Multiple UAVs as Relays: Multi-Hop Single Link Versus Multiple Dual-Hop Links. IEEE Transactions on Wireless Communications, 2018, 17, 6348-6359.	9.2	202
10	A Survey of Measurement-Based Spectrum Occupancy Modeling for Cognitive Radios. IEEE Communications Surveys and Tutorials, 2016, 18, 848-859.	39.4	188
11	Improved energy detector for random signals in gaussian noise. IEEE Transactions on Wireless Communications, 2010, 9, 558-563.	9.2	180
12	UAV-Aided MIMO Communications for 5G Internet of Things. IEEE Internet of Things Journal, 2019, 6, 1731-1740.	8.7	167
13	Joint Precoding Optimization for Secure SWIPT in UAV-Aided NOMA Networks. IEEE Transactions on Communications, 2020, 68, 5028-5040.	7.8	149
14	Hybrid Satellite-Terrestrial Communication Networks for the Maritime Internet of Things: Key Technologies, Opportunities, and Challenges. IEEE Internet of Things Journal, 2021, 8, 8910-8934.	8.7	142
15	Transceiver Design and Multihop D2D for UAV IoT Coverage in Disasters. IEEE Internet of Things Journal, 2019, 6, 1803-1815.	8.7	132
16	On Secrecy Performance of MISO SWIPT Systems With TAS and Imperfect CSI. IEEE Transactions on Communications, 2016, 64, 3831-3843.	7.8	124
17	Placement and Power Allocation for NOMA-UAV Networks. IEEE Wireless Communications Letters, 2019, 8, 965-968.	5.0	121
18	Optimization or Alignment: Secure Primary Transmission Assisted by Secondary Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 905-917.	14.0	118

#	ARTICLE	IF	CITATIONS
19	Effect of Primary User Traffic on Sensing-Throughput Tradeoff for Cognitive Radios. IEEE Transactions on Wireless Communications, 2011, 10, 1063-1068.	9.2	116
20	Security Enhancement for NOMA-UAV Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3994-4005.	6.3	116
21	5G Embraces Satellites for 6G Ubiquitous IoT: Basic Models for Integrated Satellite Terrestrial Networks. IEEE Internet of Things Journal, 2021, 8, 14399-14417.	8.7	116
22	Wireless Energy Harvesting Using Signals From Multiple Fading Channels. IEEE Transactions on Communications, 2017, 65, 5027-5039.	7.8	112
23	Cell-Free Satellite-UAV Networks for 6G Wide-Area Internet of Things. IEEE Journal on Selected Areas in Communications, 2021, 39, 1116-1131.	14.0	108
24	Exploiting Interference for Energy Harvesting: A Survey, Research Issues, and Challenges. IEEE Access, 2017, 5, 10403-10421.	4.2	107
25	Maritime Coverage Enhancement Using UAVs Coordinated With Hybrid Satellite-Terrestrial Networks. IEEE Transactions on Communications, 2020, 68, 2355-2369.	7.8	100
26	Enabling 5G on the Ocean: A Hybrid Satellite-UAV-Terrestrial Network Solution. IEEE Wireless Communications, 2020, 27, 116-121.	9.0	94
27	Artificial Noise Assisted Secure Interference Networks With Wireless Power Transfer. IEEE Transactions on Vehicular Technology, 2018, 67, 1087-1098.	6.3	93
28	Analysis of Spectrum Occupancy Using Machine Learning Algorithms. IEEE Transactions on Vehicular Technology, 2016, 65, 6853-6860.	6.3	87
29	Enhanced 5G Cognitive Radio Networks Based on Spectrum Sharing and Spectrum Aggregation. IEEE Transactions on Communications, 2018, 66, 6304-6316.	7.8	87
30	Over-the-Air Computation for IoT Networks: Computing Multiple Functions With Antenna Arrays. IEEE Internet of Things Journal, 2018, 5, 5296-5306.	8.7	87
31	Physical-Layer Security Over Non-Small-Scale Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 1326-1339.	6.3	86
32	Energy-Harvesting AF Relaying in the Presence of Interference and Nakagami- m Fading. IEEE Transactions on Wireless Communications, 2016, 15, 1008-1017.	9.2	85
33	Secrecy Analysis for Cooperative NOMA Networks With Multi-Antenna Full-Duplex Relay. IEEE Transactions on Communications, 2019, 67, 5574-5587.	7.8	81
34	Joint Beamforming and Jamming Optimization for Secure Transmission in MISO-NOMA Networks. IEEE Transactions on Communications, 2019, 67, 2294-2305.	7.8	77
35	Secrecy Performance Analysis for SIMO Simultaneous Wireless Information and Power Transfer Systems. IEEE Transactions on Communications, 2015, 63, 3423-3433.	7.8	72
36	UAV-Enabled Wireless Power Transfer With Base Station Charging and UAV Power Consumption. IEEE Transactions on Vehicular Technology, 2020, 69, 12883-12896.	6.3	70

#	ARTICLE	IF	CITATIONS
37	Improved Energy Detectors for Cognitive Radios With Randomly Arriving or Departing Primary Users. IEEE Signal Processing Letters, 2010, 17, 867-870.	3.6	67
38	Secrecy Outage on Transmit Antenna Selection/Maximal Ratio Combining in MIMO Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 10236-10242.	6.3	62
39	Optimum Deployment of Multiple UAVs for Coverage Area Maximization in the Presence of Co-Channel Interference. IEEE Access, 2019, 7, 85203-85212.	4.2	61
40	Simultaneous Information and Energy Flow for IoT Relay Systems with Crowd Harvesting. , 2016, 54, 143-149.		60
41	Optimum number of secondary users in collaborative spectrum sensing considering resources usage efficiency. IEEE Communications Letters, 2008, 12, 877-879.	4.1	57
42	A simple polynomial approximation to the gaussian Q-function and its application. IEEE Communications Letters, 2009, 13, 124-126.	4.1	57
43	Caching Unmanned Aerial Vehicle-Enabled Small-Cell Networks: Employing Energy-Efficient Methods That Store and Retrieve Popular Content. IEEE Vehicular Technology Magazine, 2019, 14, 71-79.	3.4	54
44	Secure Transmission via Joint Precoding Optimization for Downlink MISO NOMA. IEEE Transactions on Vehicular Technology, 2019, 68, 7603-7615.	6.3	50
45	Beamforming and Jamming Optimization for IRS-Aided Secure NOMA Networks. IEEE Transactions on Wireless Communications, 2022, 21, 1557-1569.	9.2	50
46	A Novel Spectrum Sharing Scheme Assisted by Secondary NOMA Relay. IEEE Wireless Communications Letters, 2018, 7, 732-735.	5.0	49
47	Caching D2D Connections in Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 12326-12338.	6.3	47
48	Secure Transmission via Beamforming Optimization for NOMA Networks. IEEE Wireless Communications, 2020, 27, 193-199.	9.0	47
49	Uplink Precoding Optimization for NOMA Cellular-Connected UAV Networks. IEEE Transactions on Communications, 2020, 68, 1271-1283.	7.8	47
50	Novel Approximations to the Statistics of Products of Independent Random Variables and Their Applications in Wireless Communications. IEEE Transactions on Vehicular Technology, 2012, 61, 443-454.	6.3	45
51	Secure Primary Transmission Assisted by a Secondary Full-Duplex NOMA Relay. IEEE Transactions on Vehicular Technology, 2019, 68, 7214-7219.	6.3	44
52	Coordinated Direct and Relay Transmission With NOMA and Network Coding in Nakagami- m Fading Channels. IEEE Transactions on Communications, 2021, 69, 207-222.	7.8	44
53	Analysis of effect of primary user traffic on spectrum sensing performance. , 2009, , .		43
54	New Formula for Conversion Efficiency of RF EH and Its Wireless Applications. IEEE Transactions on Vehicular Technology, 2016, 65, 9410-9414.	6.3	43

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55	Optimal Energy-Efficient Power Allocation for Distributed Antenna Systems With Imperfect CSI. IEEE Transactions on Vehicular Technology, 2016, 65, 7759-7763.	6.3	37
56	Analytical Performance of Collaborative Spectrum Sensing Using Censored Energy Detection. IEEE Transactions on Wireless Communications, 2010, 9, 3856-3865.	9.2	36
57	Multi-Hop Relaying Using Energy Harvesting. IEEE Wireless Communications Letters, 2015, 4, 565-568.	5.0	36
58	Throughput Improvement for Multi-Hop UAV Relaying. IEEE Access, 2019, 7, 147732-147742.	4.2	33
59	Maximum likelihood estimation of SNR using digitally modulated signals. IEEE Transactions on Wireless Communications, 2007, 6, 210-219.	9.2	32
60	Over-the-Air Computation for Cooperative Wideband Spectrum Sensing and Performance Analysis. IEEE Transactions on Vehicular Technology, 2018, 67, 10603-10614.	6.3	32
61	Creating Efficient Blockchains for the Internet of Things by Coordinated Satellite-Terrestrial Networks. IEEE Wireless Communications, 2020, 27, 104-110.	9.0	32
62	Estimation of Ricean K parameter and local average SNR from noisy correlated channel samples. IEEE Transactions on Wireless Communications, 2007, 6, 640-648.	9.2	30
63	Optimum Pilot Symbol Assisted Modulation. IEEE Transactions on Communications, 2007, 55, 1536-1546.	7.8	30
64	Power Allocation for Cache-Aided Small-Cell Networks With Limited Backhaul. IEEE Access, 2017, 5, 1272-1283.	4.2	30
65	Resource Allocation and Trajectory Optimization for UAV-Enabled Multi-User Covert Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 1989-1994.	6.3	30
66	Performance Analysis of Spectrum Sensing with Multiple Status Changes in Primary User Traffic. IEEE Communications Letters, 2012, 16, 874-877.	4.1	28
67	Novel Receivers for AF Relaying with Distributed STBC Using Cascaded and Disintegrated Channel Estimation. IEEE Transactions on Wireless Communications, 2012, 11, 1370-1379.	9.2	28
68	An Accurate Approximation to the Average Error Probability of Cooperative Diversity in Nakagami-m Fading. IEEE Transactions on Wireless Communications, 2010, 9, 2707-2711.	9.2	27
69	Securing Aerial-Ground Transmission for NOMA-UAV Networks. IEEE Network, 2020, 34, 171-177.	6.9	27
70	Performance of collaborative spectrum sensing for cognitive radio in the presence of gaussian channel estimation errors. IEEE Transactions on Communications, 2009, 57, 1944-1947.	7.8	25
71	Joint Location and Transmit Power Optimization for NOMA-UAV Networks via Updating Decoding Order. IEEE Wireless Communications Letters, 2021, 10, 136-140.	5.0	25
72	BER and Optimal Power Allocation for Amplify-and-Forward Relaying Using Pilot-Aided Maximum Likelihood Estimation. IEEE Transactions on Communications, 2014, 62, 3462-3475.	7.8	24

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73	Energy-Efficient Power Allocation for Fixed-Gain Amplify-and-Forward Relay Networks with Partial Channel State Information. IEEE Wireless Communications Letters, 2012, 1, 553-556.	5.0	23
74	Secure Transmission via Power Allocation in NOMA-UAV Networks With Circular Trajectory. IEEE Transactions on Vehicular Technology, 2020, 69, 10033-10045.	6.3	23
75	An approximate maximum likelihood estimator for SNR jointly using pilot and data symbols. IEEE Communications Letters, 2005, 9, 517-519.	4.1	22
76	SNR Estimation Methods for UWB Systems. IEEE Transactions on Wireless Communications, 2007, 6, 3836-3845.	9.2	22
77	Accurate Approximation to the PDF of the Product of Independent Rayleigh Random Variables. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1019-1022.	4.0	22
78	UAV Swarm-Enabled Aerial CoMP: A Physical Layer Security Perspective. IEEE Access, 2019, 7, 120901-120916.	4.2	22
79	A Precise Approximation for Performance Evaluation of Amplify-and-Forward Multihop Relaying Systems. IEEE Transactions on Wireless Communications, 2011, 10, 3985-3989.	9.2	20
80	Secrecy outage performance for partial relay selection schemes in cooperative systems. IET Communications, 2015, 9, 1980-1987.	2.2	20
81	On Outage of WPC System With Relay Selection Over Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2017, 66, 8590-8594.	6.3	20
82	When NOMA Meets Sparse Signal Processing: Asymptotic Performance Analysis and Optimal Sequence Design. IEEE Access, 2017, 5, 18516-18525.	4.2	19
83	Secrecy Outage Probability With Randomly Moving Interferers in Nakagami- m Fading. IEEE Communications Letters, 2019, 23, 76-79.	4.1	19
84	Joint Bi-Static Radar and Communications Designs for Intelligent Transportation. IEEE Transactions on Vehicular Technology, 2020, 69, 13060-13071.	6.3	19
85	UAV-Assisted Time-Efficient Data Collection via Uplink NOMA. IEEE Transactions on Communications, 2021, 69, 7851-7863.	7.8	19
86	Novel Partial Selection Schemes for AF Relaying in Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 3497-3503.	6.3	18
87	Performance Analysis of Spectrum Sensing With Multiple Primary Users. IEEE Transactions on Vehicular Technology, 2012, 61, 914-918.	6.3	18
88	Secrecy Analysis of UAV-Based mmWave Relaying Networks. IEEE Transactions on Wireless Communications, 2021, 20, 4990-5002.	9.2	18
89	UEE-RPL: A UAV-Based Energy Efficient Routing for Internet of Things. IEEE Transactions on Green Communications and Networking, 2021, 5, 1333-1344.	5.5	18
90	Aerial Small Cells Using Coordinated Multiple UAVs: An Energy Efficiency Optimization Perspective. IEEE Access, 2019, 7, 122838-122848.	4.2	17

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91	Joint Radar-Communication Waveform Designs Using Signals From Multiplexed Users. IEEE Transactions on Communications, 2020, 68, 5216-5227.	7.8	16
92	Security Enhancement Using a Novel Two-Slot Cooperative NOMA Scheme. IEEE Transactions on Vehicular Technology, 2020, 69, 3470-3475.	6.3	16
93	Secure UAV-to-Vehicle Communications. IEEE Transactions on Communications, 2021, 69, 5381-5393.	7.8	16
94	Maximum likelihood estimation of local average SNR in Rician fading channels. IEEE Communications Letters, 2005, 9, 219-221.	4.1	15
95	Solutions to Infinite Integrals of Gaussian Q-Function Products and Some Applications. IEEE Communications Letters, 2007, 11, 853-855.	4.1	15
96	Analytical Evaluation of Adaptive-Modulation-Based Opportunistic Cognitive Radio in Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2012, 61, 3294-3300.	6.3	15
97	Optimal Beamforming for Hybrid Satellite Terrestrial Networks With Nonlinear PA and Imperfect CSIT. IEEE Wireless Communications Letters, 2020, 9, 276-280.	5.0	15
98	Resource Allocation for URLLC-Oriented Two-Way UAV Relaying. IEEE Transactions on Vehicular Technology, 2022, 71, 3344-3349.	6.3	15
99	Generalized receiver selection combining schemes for alamouti MIMO systems with MPSK. IEEE Transactions on Communications, 2009, 57, 1599-1602.	7.8	14
100	Physical-layer secrecy outage of spectrum sharing CR systems over fading channels. Science China Information Sciences, 2016, 59, 1.	4.3	14
101	Dual-UAV Enabled Secure Data Collection With Propulsion Limitation. IEEE Transactions on Wireless Communications, 2021, 20, 7445-7459.	9.2	14
102	Power Optimization for Enhancing Secrecy of Cooperative User Relaying NOMA Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 8008-8012.	6.3	13
103	Optimum Battery Weight for Maximizing Available Energy in UAV-Enabled Wireless Communications. IEEE Wireless Communications Letters, 2021, 10, 1410-1413.	5.0	13
104	New Energy Consumption Model for Rotary-Wing UAV Propulsion. IEEE Wireless Communications Letters, 2021, 10, 2009-2012.	5.0	13
105	Energy Utilization Efficient Frame Structure for Energy Harvesting Cognitive Radio Networks. IEEE Wireless Communications Letters, 2016, 5, 488-491.	5.0	12
106	Secrecy Analysis in NOMA Full-Duplex Relaying Networks With Artificial Jamming. IEEE Transactions on Vehicular Technology, 2021, 70, 8781-8794.	6.3	12
107	Improved receivers for generalized UWB transmitted reference systems. IEEE Transactions on Wireless Communications, 2008, 7, 500-504.	9.2	11
108	Performance Comparison of Feature-Based Detectors for Spectrum Sensing in the Presence of Primary User Traffic. IEEE Signal Processing Letters, 2011, 18, 291-294.	3.6	11

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109	Collaborative spectrum sensing in the presence of secondary user interferences for lognormal shadowing. <i>Wireless Communications and Mobile Computing</i> , 2012, 12, 463-472.	1.2	11
110	Effect of CCI on WPC With Time-Division Energy and Information Transmission. <i>IEEE Wireless Communications Letters</i> , 2016, 5, 168-171.	5.0	11
111	Communicating or Computing Over the MAC: Function-Centric Wireless Networks. <i>IEEE Transactions on Communications</i> , 2019, 67, 6127-6138.	7.8	11
112	Computation Over Wide-Band Multi-Access Channels: Achievable Rates Through Sub-Function Allocation. <i>IEEE Transactions on Wireless Communications</i> , 2019, 18, 3713-3725.	9.2	11
113	Computation Over MAC: Achievable Function Rate Maximization in Wireless Networks. <i>IEEE Transactions on Communications</i> , 2020, 68, 5446-5459.	7.8	11
114	Performance Analysis of Hybrid UAV Networks for Probabilistic Content Caching. <i>IEEE Systems Journal</i> , 2021, 15, 4013-4024.	4.6	11
115	RF energy modelling using machine learning for energy harvesting communications systems. <i>International Journal of Communication Systems</i> , 2021, 34, e4688.	2.5	11
116	On secrecy outage of MISO SWIPT systems in the presence of imperfect CSI. , 2016, , .		10
117	Using Multiple UAVs as Relays for Reliable Communications. , 2018, , .		10
118	Analysis of energy transfer efficiency in UAV-enabled wireless networks. <i>Physical Communication</i> , 2019, 37, 100849.	2.1	10
119	Time Allocation and Optimization in UAV-Enabled Wireless Powered Communication Networks. <i>IEEE Transactions on Green Communications and Networking</i> , 2022, 6, 951-964.	5.5	10
120	Performance analysis of interference-limited cooperative systems with relay selection over independent log-normal fading channels. <i>IET Communications</i> , 2014, 8, 1751-1761.	2.2	9
121	Secrecy outage on transmit antenna selection/maximal ratio combining in MIMO cognitive radio networks. , 2015, , .		9
122	Optimal Channel Sensing Sequence Design for Spectrum Handoff. <i>IEEE Wireless Communications Letters</i> , 2015, 4, 353-356.	5.0	9
123	Spectrum measurement modelling and prediction based on wavelets. <i>IET Communications</i> , 2016, 10, 2192-2198.	2.2	9
124	UAV-Aided NOMA Networks with Optimization of Trajectory and Precoding. , 2018, , .		9
125	NOMA-Enhanced Computation Over Multi-Access Channels. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 2252-2267.	9.2	9
126	SER of selection diversity MFSK with channel estimation errors. <i>IEEE Transactions on Wireless Communications</i> , 2006, 5, 1920-1929.	9.2	8

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127	Circuit-Aware Cognitive Radios for Energy-Efficient Communications. IEEE Wireless Communications Letters, 2013, 2, 323-326.	5.0	8
128	Outage Probability of Dual-Hop Selective AF With Randomly Distributed and Fixed Interferers. IEEE Transactions on Vehicular Technology, 2015, 64, 4603-4616.	6.3	8
129	Outage of relay simultaneous wireless information and power transfer with GSC and finite storage in Nakagami- m fading. IET Communications, 2017, 11, 1871-1881.	2.2	8
130	Cooperative Video Transmission Strategies via Caching in Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 12204-12217.	6.3	8
131	Performance analysis of energy harvesting communications using multiple time slots. IET Communications, 2019, 13, 289-296.	2.2	8
132	Secured green communication scheme for interference alignment based networks. Journal of Communications and Networks, 2020, 22, 23-36.	2.6	8
133	Computation Over Multi-Access Channels: Multi-Hop Implementation and Resource Allocation. IEEE Transactions on Communications, 2021, 69, 1038-1052.	7.8	8
134	Enhancing the Efficiency of Constrained Dual-Hop Variable-Gain AF Relaying Under Nakagami- m Fading. IEEE Transactions on Signal Processing, 2014, 62, 3616-3630.	5.3	7
135	Amplify-and-Forward Multihop Relaying with Adaptive M-QAM in Nakagami- m Fading. , 2011, , .		6
136	Power Allocation Strategies for Fixed-Gain Half-Duplex Amplify-and-Forward Relaying in Nakagami- m Fading. IEEE Transactions on Wireless Communications, 2014, 13, 159-173.	9.2	6
137	Joint Iterative Interference Alignment and Energy Harvesting for Multi-User Networks. IEEE Wireless Communications Letters, 2015, 4, 597-600.	5.0	6
138	Suboptimum Detectors for AF Relaying With Gaussian Noise and S Interference. IEEE Transactions on Vehicular Technology, 2015, 64, 4833-4839.	6.3	6
139	Secrecy Analysis for Spatially Random UAV Systems. , 2018, , .		6
140	UAV Coverage for Downlink in Disasters: Precoding and Multi-hop D2D. , 2018, , .		6
141	Caching UAV Assisted Secure Transmission in Small-Cell Networks. , 2018, , .		6
142	Toward Optimal Rate-Delay Tradeoff for Computation Over Multiple Access Channel. IEEE Transactions on Communications, 2021, 69, 4335-4346.	7.8	6
143	Joint User Grouping and Power Optimization for Secure mmWave-NOMA Systems. IEEE Transactions on Wireless Communications, 2022, 21, 3307-3320.	9.2	6
144	On-Demand Coverage for Maritime Hybrid Satellite-UAV-Terrestrial Networks. , 2020, , .		6

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145	Secure Transmission for Interference Networks: User Selection and Transceiver Design. IEEE Systems Journal, 2019, 13, 2839-2850.	4.6	5
146	Full-Duplex Relay Assisted Secure Transmission for NOMA Networks. , 2019, , .		5
147	Energy Harvesting for Wireless Relaying Systems. , 2018, , 123-155.		5
148	Unilateral left-tail Anderson Darling test-based spectrum sensing with Laplacian noise. IET Communications, 2019, 13, 696-705.	2.2	5
149	Throughput and BER of wireless powered DF relaying in Nakagami-m fading. Science China Information Sciences, 2017, 60, 1.	4.3	4
150	Performance analysis of end-to-end SNR estimators for AF relaying. Telecommunication Systems, 2018, 67, 269-280.	2.5	4
151	New Estimators for Primary Channel Gain in Cognitive Radio Networks. IEEE Communications Letters, 2018, 22, 2435-2438.	4.1	4
152	Energy and Spectrum Efficient Blind Equalization With Unknown Constellation for Air-to-Ground Multipath UAV Communications. IEEE Transactions on Green Communications and Networking, 2021, 5, 1357-1368.	5.5	4
153	Sum-of-squares and sum-of-amplitudes antenna selection for correlated alamouti MIMO. IEEE Communications Letters, 2009, 13, 911-913.	4.1	3
154	Efficient power allocation for fixed-gain amplify-and-forward relaying in rayleigh fading. , 2013, , .		3
155	Performance Analysis of Relay Selection in the Presence of onâ€œoff Relay Traffic. IEEE Transactions on Vehicular Technology, 2014, 63, 2959-2964.	6.3	3
156	Novel nonâ€œcoherent and halfâ€œcoherent receivers for amplifyâ€œandâ€œforward relaying. Wireless Communications and Mobile Computing, 2016, 16, 469-485.	1.2	3
157	ALRTâ€œbased energy detection using uniform noise distribution. Wireless Communications and Mobile Computing, 2016, 16, 1009-1017.	1.2	3
158	Energy Analysis of Co-Channel Harvesting in Wireless Networks. IEEE Communications Letters, 2018, 22, 530-533.	4.1	3
159	BER and achievable rate analysis of wireless powered communications with correlated uplink and downlink. IET Communications, 2018, 12, 310-316.	2.2	3
160	Optimum Fairness for Non-Orthogonal Multiple Access. , 2018, , .		3
161	Dense D2D-Connection Establishment via Caching in Small-Cell Networks. , 2018, , .		3
162	Performance analysis and optimisation of wireless powered decodeâ€œandâ€œforward considering circuit power consumption. IET Communications, 2019, 13, 1179-1184.	2.2	3

#	ARTICLE	IF	CITATIONS
163	Process-Oriented Optimization for Beyond 5G Cognitive Satellite-UAV Networks (Invited Paper). , 2020, , .		3
164	Secure Beamforming Optimization for IRS-NOMA Networks via Artificial Jamming. , 2021, , .		3
165	Joint Power and Channel Allocation for Safeguarding Cognitive Satellite-UAV Networks. , 2021, , .		3
166	Interference Management of Analog Function Computation in Multicenter Networks. IEEE Transactions on Communications, 2022, 70, 4607-4623.	7.8	3
167	Spectrum sensing based on recovered secondary frame in the presence of realistic decoding errors. , 2012, , .		2
168	Novel partial decision combining schemes for Rayleigh fading. Transactions on Emerging Telecommunications Technologies, 2012, 23, 67-75.	3.9	2
169	A cooperative video-streaming transmission strategy in information-centric networks. , 2017, , .		2
170	Channel estimation for AF relaying using ML and MAP. Wireless Networks, 2018, 24, 3161-3170.	3.0	2
171	Secure Transmission for UAV-Aided NOMA Networks with SWIPT via Precoding Optimization. , 2019, , .		2
172	Time-Efficient Uplink Data Collection for UAV-assisted NOMA networks. , 2021, , .		2
173	Cooperative UAV-Assisted Secure Uplink Communications With Propulsion Power Limitation. , 2021, , .		2
174	Secure Analysis in UAV-Based mmWave Relaying Networks with Cooperative Jamming. , 2021, , .		2
175	Machine-learning-based pilot symbol assisted channel prediction. IET Communications, 2022, 16, 866-877.	2.2	2
176	Energy-efficient relay selection and optimal power allocation for performance-constrained dual-hop variable-gain AF relaying. , 2013, , .		1
177	Analysis of collaborative spectrum sensing without dedicated sensing period. IET Communications, 2013, 7, 1617-1627.	2.2	1
178	Evaluation of generalised relay selection in the presence of feedback delay for multi-hop relaying. IET Communications, 2014, 8, 2633-2641.	2.2	1
179	Privacy Protection via Beamforming Optimization in MISO NOMA Networks. , 2018, , .		1
180	Joint User Association and Energy Offloading in Downlink Heterogeneous Cellular Networks. Mobile Information Systems, 2018, 2018, 1-9.	0.6	1

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181	Secure Transmission via UAV Relaying with Caching. , 2019, , .		1
182	User Selection and Transceiver Design for Secure Transmission in MIMO Interference Networks. , 2019, , .		1
183	Precoding Optimization for NOMA UAV with Cellular Connections. , 2019, , .		1
184	Power Allocation for Secure Transmission in Circular Trajectory NOMA-UAV Networks. , 2020, , .		1
185	Energy Efficiency optimization for UAV Swarm-Enabled Aerial Small Cell Networks. , 2020, , .		1
186	Further Results on Detection and Channel Estimation for Hardware Impaired Signals. IEEE Transactions on Communications, 2021, , 1-1.	7.8	1
187	UAV-aided Secure NOMA Transmission via Trajectory and Resource Optimization. , 2021, , .		1
188	SINR analysis of BPSK UWB considering IPI and ICI in IEEE channel models and its application. , 2009, , .		0
189	New analytical framework for the products of independent RVs with wireless applications. , 2012, , .		0
190	Performance Evaluation of Spectrum Sensing Using Recovered Secondary Frames With Decoding Errors. IEEE Transactions on Wireless Communications, 2012, , 1-12.	9.2	0
191	Pilot Power Optimization for AF Relaying Using Maximum Likelihood Channel Estimation. , 2014, , .		0
192	Joint Precoding Optimization for Secure Transmission in Downlink MISO-NOMA Networks. , 2019, , .		0
193	Coverage Area Performance for Multiple Interfering UAVs. , 2019, , .		0
194	Evaluation of Hybrid Dedicated/Ambient EH for AF Relaying. IEEE Communications Letters, 2021, 25, 1099-1103.	4.1	0
195	Cognitive Radio Energy Saving and Optimization. Studies in Systems, Decision and Control, 2016, , 273-296.	1.0	0