Yunfei Chen

List of Publications by Year
in descending order

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195	8,361	50276	49909
papers	citations	46 h-index	87 g-index

198	198	198	5728
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beamforming and Jamming Optimization for IRS-Aided Secure NOMA Networks. IEEE Transactions on Wireless Communications, 2022, 21, 1557-1569.	9.2	50
2	Time Allocation and Optimization in UAV-Enabled Wireless Powered Communication Networks. IEEE Transactions on Green Communications and Networking, 2022, 6, 951-964.	5.5	10
3	Joint User Grouping and Power Optimization for Secure mmWave-NOMA Systems. IEEE Transactions on Wireless Communications, 2022, 21, 3307-3320.	9.2	6
4	Resource Allocation for URLLC-Oriented Two-Way UAV Relaying. IEEE Transactions on Vehicular Technology, 2022, 71, 3344-3349.	6.3	15
5	Machineâ€learningâ€based pilot symbol assisted channel prediction. IET Communications, 2022, 16, 866-877.	2.2	2
6	Interference Management of Analog Function Computation in Multicluster Networks. IEEE Transactions on Communications, 2022, 70, 4607-4623.	7.8	3
7	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
8	Evaluation of Hybrid Dedicated/Ambient EH for AF Relaying. IEEE Communications Letters, 2021, 25, 1099-1103.	4.1	0
9	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
10	Performance Analysis of Hybrid UAV Networks for Probabilistic Content Caching. IEEE Systems Journal, 2021, 15, 4013-4024.	4.6	11
11	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
12	Further Results on Detection and Channel Estimation for Hardware Impaired Signals. IEEE Transactions on Communications, 2021, , 1-1.	7.8	1
13	UAV-Assisted Time-Efficient Data Collection via Uplink NOMA. IEEE Transactions on Communications, 2021, 69, 7851-7863.	7.8	19
14	Computation Over Multi-Access Channels: Multi-Hop Implementation and Resource Allocation. IEEE Transactions on Communications, 2021, 69, 1038-1052.	7.8	8
15	Resource Allocation and Trajectory Optimization for UAV-Enabled Multi-User Covert Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 1989-1994.	6.3	30
16	Time-Efficient Uplink Data Collection for UAV-assisted NOMA networks. , 2021, , .		2
17	Cooperative UAV-Assisted Secure Uplink Communications With Propulsion Power Limitation. , 2021, , .		2
18	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

#	Article	IF	Citations
19	Secure Analysis in UAV-Based mmWave Relaying Networks with Cooperative Jamming. , 2021, , .		2
20	Toward Optimal Rate-Delay Tradeoff for Computation Over Multiple Access Channel. IEEE Transactions on Communications, 2021, 69, 4335-4346.	7.8	6
21	Optimum Battery Weight for Maximizing Available Energy in UAV-Enabled Wireless Communications. IEEE Wireless Communications Letters, 2021, 10, 1410-1413.	5.0	13
22	Secure UAV-to-Vehicle Communications. IEEE Transactions on Communications, 2021, 69, 5381-5393.	7.8	16
23	Secrecy Analysis of UAV-Based mmWave Relaying Networks. IEEE Transactions on Wireless Communications, 2021, 20, 4990-5002.	9.2	18
24	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
25	Secrecy Analysis in NOMA Full-Duplex Relaying Networks With Artificial Jamming. IEEE Transactions on Vehicular Technology, 2021, 70, 8781-8794.	6.3	12
26	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
27	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
28	New Energy Consumption Model for Rotary-Wing UAV Propulsion. IEEE Wireless Communications Letters, 2021, 10, 2009-2012.	5.0	13
29	Dual-UAV Enabled Secure Data Collection With Propulsion Limitation. IEEE Transactions on Wireless Communications, 2021, 20, 7445-7459.	9.2	14
30	RF energy modelling using machine learning for energy harvesting communications systems. International Journal of Communication Systems, 2021, 34, e4688.	2.5	11
31	Secure Beamforming Optimization for IRS-NOMA Networks via Artificial Jamming. , 2021, , .		3
32	UAV-aided Secure NOMA Transmission via Trajectory and Resource Optimization. , 2021, , .		1
33	Joint Power and Channel Allocation for Safeguarding Cognitive Satellite-UAV Networks. , 2021, , .		3
34	Secure Transmission via Beamforming Optimization for NOMA Networks. IEEE Wireless Communications, 2020, 27, 193-199.	9.0	47
35	Optimal Beamforming for Hybrid Satellite Terrestrial Networks With Nonlinear PA and Imperfect CSIT. IEEE Wireless Communications Letters, 2020, 9, 276-280.	5.0	15
36	Uplink Precoding Optimization for NOMA Cellular-Connected UAV Networks. IEEE Transactions on Communications, 2020, 68, 1271-1283.	7.8	47

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37	Joint Bi-Static Radar and Communications Designs for Intelligent Transportation. IEEE Transactions on Vehicular Technology, 2020, 69, 13060-13071.	6.3	19
38	Securing Aerial-Ground Transmission for NOMA-UAV Networks. IEEE Network, 2020, 34, 171-177.	6.9	27
39	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
40	Power Allocation for Secure Transmission in Circular Trajectory NOMA-UAV Networks. , 2020, , .		1
41	Enabling 5G on the Ocean: A Hybrid Satellite-UAV-Terrestrial Network Solution. IEEE Wireless Communications, 2020, 27, 116-121.	9.0	94
42	Joint Precoding Optimization for Secure SWIPT in UAV-Aided NOMA Networks. IEEE Transactions on Communications, 2020, 68, 5028-5040.	7.8	149
43	Power Optimization for Enhancing Secrecy of Cooperative User Relaying NOMA Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 8008-8012.	6.3	13
44	Joint Radar-Communication Waveform Designs Using Signals From Multiplexed Users. IEEE Transactions on Communications, 2020, 68, 5216-5227.	7.8	16
45	Creating Efficient Blockchains for the Internet of Things by Coordinated Satellite-Terrestrial Networks. IEEE Wireless Communications, 2020, 27, 104-110.	9.0	32
46	Energy Efficiency optimization for UAV Swarm-Enabled Aerial Small Cell Networks. , 2020, , .		1
47	Security Enhancement for NOMA-UAV Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 3994-4005.	6.3	116
48	Process-Oriented Optimization for Beyond 5G Cognitive Satellite-UAV Networks (Invited Paper). , 2020, , .		3
49	Computation Over MAC: Achievable Function Rate Maximization in Wireless Networks. IEEE Transactions on Communications, 2020, 68, 5446-5459.	7.8	11
50	Secure Transmission via Power Allocation in NOMA-UAV Networks With Circular Trajectory. IEEE Transactions on Vehicular Technology, 2020, 69, 10033-10045.	6.3	23
51	Maritime Coverage Enhancement Using UAVs Coordinated With Hybrid Satellite-Terrestrial Networks. IEEE Transactions on Communications, 2020, 68, 2355-2369.	7.8	100
52	Security Enhancement Using a Novel Two-Slot Cooperative NOMA Scheme. IEEE Transactions on Vehicular Technology, 2020, 69, 3470-3475.	6.3	16
53	NOMA-Enhanced Computation Over Multi-Access Channels. IEEE Transactions on Wireless Communications, 2020, 19, 2252-2267.	9.2	9
54	Secured green communication scheme for interference alignment based networks. Journal of Communications and Networks, 2020, 22, 23-36.	2.6	8

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55	On-Demand Coverage for Maritime Hybrid Satellite-UAV-Terrestrial Networks. , 2020, , .		6
56	Communicating or Computing Over the MAC: Function-Centric Wireless Networks. IEEE Transactions on Communications, 2019, 67, 6127-6138.	7.8	11
57	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
58	Secure Transmission via UAV Relaying with Caching. , 2019, , .		1
59	Analysis of energy transfer efficiency in UAV-enabled wireless networks. Physical Communication, 2019, 37, 100849.	2.1	10
60	UAV Swarm-Enabled Aerial CoMP: A Physical Layer Security Perspective. IEEE Access, 2019, 7, 120901-120916.	4.2	22
61	Aerial Small Cells Using Coordinated Multiple UAVs: An Energy Efficiency Optimization Perspective. IEEE Access, 2019, 7, 122838-122848.	4.2	17
62	User Selection and Transceiver Design for Secure Transmission in MIMO Interference Networks. , 2019, , .		1
63	UAV-Relaying-Assisted Secure Transmission With Caching. IEEE Transactions on Communications, 2019, 67, 3140-3153.	7.8	216
64	Joint Trajectory and Precoding Optimization for UAV-Assisted NOMA Networks. IEEE Transactions on Communications, 2019, 67, 3723-3735.	7.8	236
65	Secure Transmission for Interference Networks: User Selection and Transceiver Design. IEEE Systems Journal, 2019, 13, 2839-2850.	4.6	5
66	Computation Over Wide-Band Multi-Access Channels: Achievable Rates Through Sub-Function Allocation. IEEE Transactions on Wireless Communications, 2019, 18, 3713-3725.	9.2	11
67	Secure Transmission via Joint Precoding Optimization for Downlink MISO NOMA. IEEE Transactions on Vehicular Technology, 2019, 68, 7603-7615.	6.3	50
68	Performance analysis and optimisation of wireless powered decodeâ€andâ€forward considering circuit power consumption. IET Communications, 2019, 13, 1179-1184.	2.2	3
69	Secure Primary Transmission Assisted by a Secondary Full-Duplex NOMA Relay. IEEE Transactions on Vehicular Technology, 2019, 68, 7214-7219.	6.3	44
70	Secrecy Analysis for Cooperative NOMA Networks With Multi-Antenna Full-Duplex Relay. IEEE Transactions on Communications, 2019, 67, 5574-5587.	7.8	81
71	Placement and Power Allocation for NOMA-UAV Networks. IEEE Wireless Communications Letters, 2019, 8, 965-968.	5.0	121
72	UAV-Assisted Emergency Networks in Disasters. IEEE Wireless Communications, 2019, 26, 45-51.	9.0	443

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73	Joint Precoding Optimization for Secure Transmission in Downlink MISO-NOMA Networks. , 2019, , .		0
74	Performance analysis of energy harvesting communications using multiple time slots. IET Communications, 2019, 13, 289-296.	2.2	8
75	Coverage Area Performance for Multiple Interfering UAVs. , 2019, , .		0
76	Secure Transmission for UAV-Aided NOMA Networks with SWIPT via Precoding Optimization. , 2019, , .		2
77	Throughput Improvement for Multi-Hop UAV Relaying. IEEE Access, 2019, 7, 147732-147742.	4.2	33
78	Full-Duplex Relay Assisted Secure Transmission for NOMA Networks. , 2019, , .		5
79	Precoding Optimization for NOMA UAV with Cellular Connections. , 2019, , .		1
80	Transceiver Design and Multihop D2D for UAV IoT Coverage in Disasters. IEEE Internet of Things Journal, 2019, 6, 1803-1815.	8.7	132
81	Secrecy Outage Probability With Randomly Moving Interferers in Nakagami-<inline-formula> <tex-math notation="LaTeX">m </tex-math> </inline-formula> Fading. IEEE Communications Letters, 2019, 23, 76-79.	4.1	19
82	Joint Beamforming and Jamming Optimization for Secure Transmission in MISO-NOMA Networks. IEEE Transactions on Communications, 2019, 67, 2294-2305.	7.8	77
83	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
84	UAV-Aided MIMO Communications for 5G Internet of Things. IEEE Internet of Things Journal, 2019, 6, 1731-1740.	8.7	167
85	Unilateral leftâ€tail Anderson Darling testâ€based spectrum sensing with Laplacian noise. IET Communications, 2019, 13, 696-705.	2.2	5
86	Caching UAV Assisted Secure Transmission in Hyper-Dense Networks Based on Interference Alignment. IEEE Transactions on Communications, 2018, 66, 2281-2294.	7.8	263
87	Optimum Placement of UAV as Relays. IEEE Communications Letters, 2018, 22, 248-251.	4.1	257
88	Energy Analysis of Co-Channel Harvesting in Wireless Networks. IEEE Communications Letters, 2018, 22, 530-533.	4.1	3
89	Optimization or Alignment: Secure Primary Transmission Assisted by Secondary Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 905-917.	14.0	118
90	A Novel Spectrum Sharing Scheme Assisted by Secondary NOMA Relay. IEEE Wireless Communications Letters, 2018, 7, 732-735.	5.0	49

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91	BER and achievable rate analysis of wireless powered communications with correlated uplink and downlink. IET Communications, 2018, 12, 310-316.	2.2	3
92	UAV Trajectory Optimization for Data Offloading at the Edge of Multiple Cells. IEEE Transactions on Vehicular Technology, 2018, 67, 6732-6736.	6.3	270
93	Artificial Noise Assisted Secure Interference Networks With Wireless Power Transfer. IEEE Transactions on Vehicular Technology, 2018, 67, 1087-1098.	6.3	93
94	Performance analysis of end-to-end SNR estimators for AF relaying. Telecommunication Systems, 2018, 67, 269-280.	2.5	4
95	Channel estimation for AF relaying using ML and MAP. Wireless Networks, 2018, 24, 3161-3170.	3.0	2
96	Optimum Fairness for Non-Orthogonal Multiple Access. , 2018, , .		3
97	Secrecy Analysis for Spatially Random UAV Systems. , 2018, , .		6
98	UAV Coverage for Downlink in Disasters: Precoding and Multi-hop D2D. , 2018, , .		6
99	Dense D2D-Connection Establishment via Caching in Small-Cell Networks. , 2018, , .		3
100	Over-the-Air Computation for Cooperative Wideband Spectrum Sensing and Performance Analysis. IEEE Transactions on Vehicular Technology, 2018, 67, 10603-10614.	6.3	32
101	Cooperative Video Transmission Strategies via Caching in Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 12204-12217.	6.3	8
102	UAV-Aided NOMA Networks with Optimization of Trajectory and Precoding. , 2018, , .		9
103	Privacy Protection via Beamforming Optimization in MISO NOMA Networks. , 2018, , .		1
104	Joint User Association and Energy Offloading in Downlink Heterogeneous Cellular Networks. Mobile Information Systems, 2018, 2018, 1-9.	0.6	1
105	New Estimators for Primary Channel Gain in Cognitive Radio Networks. IEEE Communications Letters, 2018, 22, 2435-2438.	4.1	4
106	Caching D2D Connections in Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 12326-12338.	6.3	47
107	Caching UAV Assisted Secure Transmission in Small-Cell Networks. , 2018, , .		6
108	Using Multiple UAVs as Relays for Reliable Communications. , 2018, , .		10

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109	Enhanced 5G Cognitive Radio Networks Based on Spectrum Sharing and Spectrum Aggregation. IEEE Transactions on Communications, 2018, 66, 6304-6316.	7.8	87
110	A Survey of Channel Modeling for UAV Communications. IEEE Communications Surveys and Tutorials, 2018, 20, 2804-2821.	39.4	551
111	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
112	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
113	Energy Harvesting for Wireless Relaying Systems. , 2018, , 123-155.		5
114	Power Allocation for Cache-Aided Small-Cell Networks With Limited Backhaul. IEEE Access, 2017, 5, 1272-1283.	4.2	30
115	Exploiting Interference for Energy Harvesting: A Survey, Research Issues, and Challenges. IEEE Access, 2017, 5, 10403-10421.	4.2	107
116	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
117	When NOMA Meets Sparse Signal Processing: Asymptotic Performance Analysis and Optimal Sequence Design. IEEE Access, 2017, 5, 18516-18525.	4.2	19
118	Wireless Energy Harvesting Using Signals From Multiple Fading Channels. IEEE Transactions on Communications, 2017, 65, 5027-5039.	7.8	112
119	Throughput and BER of wireless powered DF relaying in Nakagami-m fading. Science China Information Sciences, 2017, 60, 1.	4.3	4
120	A cooperative video-streaming transmission strategy in information-centric networks. , 2017, , .		2
121	Outage of relay simultaneous wireless information and power transfer with GSC and finite storage in Nakagamiâ€•m fading. IET Communications, 2017, 11, 1871-1881.	2.2	8
122	Novel nonâ€coherent and halfâ€coherent receivers for amplifyâ€andâ€forward relaying. Wireless Communications and Mobile Computing, 2016, 16, 469-485.	1.2	3
123	On secrecy outage of MISO SWIPT systems in the presence of imperfect CSI. , 2016, , .		10
124	Energy Utilization Efficient Frame Structure for Energy Harvesting Cognitive Radio Networks. IEEE Wireless Communications Letters, 2016, 5, 488-491.	5.0	12
125	Spectrum measurement modelling and prediction based on wavelets. IET Communications, 2016, 10, 2192-2198.	2.2	9
126	Simultaneous Information and Energy Flow for IoT Relay Systems with Crowd Harvesting. , 2016, 54, 143-149.		60

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127	Physical-layer secrecy outage of spectrum sharing CR systems over fading channels. Science China Information Sciences, 2016, 59, 1.	4.3	14
128	On Secrecy Performance of MISO SWIPT Systems With TAS and Imperfect CSI. IEEE Transactions on Communications, 2016, 64, 3831-3843.	7.8	124
129	ALRTâ€based energy detection using uniform noise distribution. Wireless Communications and Mobile Computing, 2016, 16, 1009-1017.	1.2	3
130	A Survey of Measurement-Based Spectrum Occupancy Modeling for Cognitive Radios. IEEE Communications Surveys and Tutorials, 2016, 18, 848-859.	39.4	188
131	New Formula for Conversion Efficiency of RF EH and Its Wireless Applications. IEEE Transactions on Vehicular Technology, 2016, 65, 9410-9414.	6.3	43
132	Analysis of Spectrum Occupancy Using Machine Learning Algorithms. IEEE Transactions on Vehicular Technology, 2016, 65, 6853-6860.	6.3	87
133	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
134	Effect of CCI on WPC With Time-Division Energy and Information Transmission. IEEE Wireless Communications Letters, 2016, 5, 168-171.	5.0	11
135	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
136	Optimal Energy-Efficient Power Allocation for Distributed Antenna Systems With Imperfect CSI. IEEE Transactions on Vehicular Technology, 2016, 65, 7759-7763.	6.3	37
137	Physical-Layer Security Over Non-Small-Scale Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 1326-1339.	6.3	86
138	Cognitive Radio Energy Saving and Optimization. Studies in Systems, Decision and Control, 2016, , 273-296.	1.0	0
139	Secrecy outage on transmit antenna selection/maximal ratio combining in MIMO cognitive radio networks. , 2015, , .		9
140	Joint Iterative Interference Alignment and Energy Harvesting for Multi-User Networks. IEEE Wireless Communications Letters, 2015, 4, 597-600.	5.0	6
141	Secrecy outage performance for partial relay selection schemes in cooperative systems. IET Communications, 2015, 9, 1980-1987.	2.2	20
142	Optimal Channel Sensing Sequence Design for Spectrum Handoff. IEEE Wireless Communications Letters, 2015, 4, 353-356.	5.0	9
143	Secrecy Performance Analysis for SIMO Simultaneous Wireless Information and Power Transfer Systems. IEEE Transactions on Communications, 2015, 63, 3423-3433.	7.8	72
144	Multi-Hop Relaying Using Energy Harvesting. IEEE Wireless Communications Letters, 2015, 4, 565-568.	5.0	36

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145	Suboptimum Detectors for AF Relaying With Gaussian Noise and S <inline-formula> <tex-math notation="LaTeX">$alpha$</tex-math></inline-formula>S Interference. IEEE Transactions on Vehicular Technology, 2015, 64, 4833-4839.	6.3	6
146	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
147	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
148	Enhancing the Efficiency of Constrained Dual-Hop Variable-Gain AF Relaying Under Nakagami-<formula formulatype="inline"> <tex Notation="TeX">m</tex></formula> Fading. IEEE Transactions on Signal Processing, 2014, 62, 3616-3630.	5.3	7
149	Evaluation of generalised relay selection in the presence of feedback delay for multiâ€hop relaying. IET Communications, 2014, 8, 2633-2641.	2.2	1
150	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
151	Performance Analysis of Relay Selection in the Presence of onâ€“off Relay Traffic. IEEE Transactions on Vehicular Technology, 2014, 63, 2959-2964.	6.3	3
152	Performance analysis of interferenceâ€limited cooperative systems with relay selection over independent logâ€normal fading channels. IET Communications, 2014, 8, 1751-1761.	2.2	9
153	Pilot Power Optimization for AF Relaying Using Maximum Likelihood Channel Estimation. , 2014, , .		0
154	Efficient power allocation for fixed-gain amplify-and-forward relaying in rayleigh fading. , 2013, , .		3
155	Circuit-Aware Cognitive Radios for Energy-Efficient Communications. IEEE Wireless Communications Letters, 2013, 2, 323-326.	5.0	8
156	Energy-efficient relay selection and optimal power allocation for performance-constrained dual-hop variable-gain AF relaying. , 2013, , .		1
157	Wideband spectrum sensing for cognitive radio networks: a survey. IEEE Wireless Communications, 2013, 20, 74-81.	9.0	420
158	Analysis of collaborative spectrum sensing without dedicated sensing period. IET Communications, 2013, 7, 1617-1627.	2.2	1
159	Spectrum sensing based on recovered secondary frame in the presence of realistic decoding errors. , 2012, , .		2
160	Performance Analysis of Spectrum Sensing with Multiple Status Changes in Primary User Traffic. IEEE Communications Letters, 2012, 16, 874-877.	4.1	28
161	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
162	New analytical framework for the products of independent RVs with wireless applications. , 2012, , .		0

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163	Performance Evaluation of Spectrum Sensing Using Recovered Secondary Frames With Decoding Errors. IEEE Transactions on Wireless Communications, 2012, , 1-12.	9.2	0
164	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
165	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
166	Collaborative spectrum sensing in the presence of secondary user interferences for lognormal shadowing. Wireless Communications and Mobile Computing, 2012, 12, 463-472.	1.2	11
167	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
168	Performance Analysis of Spectrum Sensing With Multiple Primary Users. IEEE Transactions on Vehicular Technology, 2012, 61, 914-918.	6.3	18
169	Novel partial decision combining schemes for Rayleigh fading. Transactions on Emerging Telecommunications Technologies, 2012, 23, 67-75.	3.9	2
170	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
171	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
172	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
173	Novel Partial Selection Schemes for AF Relaying in Nakagami-m Fading Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 3497-3503.	6.3	18
174	Effect of Primary User Traffic on Sensing-Throughput Tradeoff for Cognitive Radios. IEEE Transactions on Wireless Communications, 2011, 10, 1063-1068.	9.2	116
175	Amplify-and-Forward Multihop Relaying with Adaptive M-QAM in Nakagami-m Fading. , 2011, , .		6
176	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
177	Improved energy detector for random signals in gaussian noise. IEEE Transactions on Wireless Communications, 2010, 9, 558-563.	9.2	180
178	Analytical Performance of Collaborative Spectrum Sensing Using Censored Energy Detection. IEEE Transactions on Wireless Communications, 2010, 9, 3856-3865.	9.2	36
179	Improved Energy Detectors for Cognitive Radios With Randomly Arriving or Departing Primary Users. IEEE Signal Processing Letters, 2010, 17, 867-870.	3.6	67
180	SINR analysis of BPSK UWB considering IPI and ICI in IEEE channel models and its application. , 2009, , .		0

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181	Analysis of effect of primary user traffic on spectrum sensing performance. , 2009, , .		43
182	Generalized receiver selection combining schemes for alamouti MIMO systems with MPSK. IEEE Transactions on Communications, 2009, 57, 1599-1602.	7.8	14
183	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
184	A simple polynomial approximation to the gaussian Q-function and its application. IEEE Communications Letters, 2009, 13, 124-126.	4.1	57
185	Sum-of-squares and sum-of-amplitudes antenna selection for correlated alamouti MIMO. IEEE Communications Letters, 2009, 13, 911-913.	4.1	3
186	Optimum number of secondary users in collaborative spectrum sensing considering resources usage efficiency. IEEE Communications Letters, 2008, 12, 877-879.	4.1	57
187	Improved receivers for generalized UWB transmitted reference systems. IEEE Transactions on Wireless Communications, 2008, 7, 500-504.	9.2	11
188	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
189	SNR Estimation Methods for UWB Systems. IEEE Transactions on Wireless Communications, 2007, 6, 3836-3845.	9.2	22
190	Solutions to Infinite Integrals of Gaussian Q-Function Products and Some Applications. IEEE Communications Letters, 2007, 11, 853-855.	4.1	15
191	Optimum Pilot Symbol Assisted Modulation. IEEE Transactions on Communications, 2007, 55, 1536-1546.	7.8	30
192	Maximum likelihood estimation of SNR using digitally modulated signals. IEEE Transactions on Wireless Communications, 2007, 6, 210-219.	9.2	32
193	SER of selection diversity MFSK with channel estimation errors. IEEE Transactions on Wireless Communications, 2006, 5, 1920-1929.	9.2	8
194	Maximum likelihood estimation of local average SNR in Rician fading channels. IEEE Communications Letters, 2005, 9, 219-221.	4.1	15
195	An approximate maximum likelihood estimator for SNR jointly using pilot and data symbols. IEEE Communications Letters, 2005, 9, 517-519.	4.1	22