

Ding Xu

List of Publications by Year in descending order

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116
papers

1,059
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516710

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116
all docs

116
docs citations

116
times ranked

701
citing authors

#	ARTICLE	IF	CITATIONS
1	Jamming-Assisted Legitimate Eavesdropping and Secure Communication in Multicarrier Interference Networks. IEEE Systems Journal, 2022, 16, 954-965.	4.6	10
2	Proactive Eavesdropping for Wireless Information Surveillance Under Suspicious Communication Quality-of-Service Constraint. IEEE Transactions on Wireless Communications, 2022, 21, 5220-5234.	9.2	8
3	Legitimate Surveillance of Suspicious Computation Offloading in Mobile Edge Computing Networks. IEEE Transactions on Communications, 2022, 70, 2648-2662.	7.8	10
4	Outage performance of CoMP-CNOMA networks with duplex mode selection. Physical Communication, 2022, 52, 101701.	2.1	1
5	On the Secrecy Outage Performance of Cooperative NOMA-Assisted Hybrid Satellite-Terrestrial Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-15.	1.2	2
6	On the Outage Performance of JT-CoMP-CNOMA Networks With SWIPT. IEEE Communications Letters, 2021, 25, 432-436.	4.1	12
7	Legitimate Surveillance of Suspicious Multichannel DF Relay Networks With Monitor Mode Selection. IEEE Wireless Communications Letters, 2021, 10, 401-405.	5.0	7
8	Secure communication with joint resource allocation, relay and jammer selection in OFDM-based cooperative networks. International Journal of Communication Systems, 2021, 34, e4763.	2.5	2
9	Spectrum Sharing Incentive for Legitimate Wireless Information Surveillance. IEEE Transactions on Vehicular Technology, 2021, 70, 2529-2543.	6.3	13
10	Proactive Eavesdropping Over OFDM-Based Bidirectional Suspicious Communication Channels. IEEE Wireless Communications Letters, 2021, 10, 1178-1182.	5.0	7
11	Secrecy Outage Performance Analysis of Cooperative NOMA Networks With SWIPT. IEEE Wireless Communications Letters, 2021, 10, 1474-1478.	5.0	20
12	Sum-Rate Maximization of Wireless Powered Primary Users for Cooperative CRNs: NOMA or TDMA at Cognitive Users?. IEEE Transactions on Communications, 2021, 69, 4862-4876.	7.8	26
13	Secure communication in wireless powered communication networks with energy accumulation. Science China Information Sciences, 2021, 64, 1.	4.3	3
14	Joint computation offloading and resource allocation for NOMA-based multi-access mobile edge computing systems. Computer Networks, 2021, 196, 108256.	5.1	23
15	Proactive eavesdropping of wireless powered suspicious interference networks. Science China Information Sciences, 2021, 64, 1.	4.3	2
16	Wireless Information Surveillance Over Multiple Time Slots. IEEE Systems Journal, 2021, , 1-4.	4.6	1
17	Proactive Eavesdropping of Suspicious Non-Orthogonal Multiple Access Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 13958-13963.	6.3	24
18	Legitimate Surveillance With Battery-Aided Wireless Powered Full-Duplex Monitor. IEEE Systems Journal, 2020, 14, 5229-5232.	4.6	11

#	ARTICLE	IF	CITATIONS
19	Legitimate eavesdropping of wireless powered suspicious communication networks with a monitoring power station. <i>Physical Communication</i> , 2020, 42, 101142.	2.1	0
20	Jamming-Assisted Legitimate Surveillance of Suspicious Interference Networks With Successive Interference Cancellation. <i>IEEE Communications Letters</i> , 2020, 24, 396-400.	4.1	17
21	Legitimate Surveillance of Suspicious Communications With QoS Guarantees for Unsuspicious Users. <i>IEEE Communications Letters</i> , 2020, 24, 1400-1404.	4.1	13
22	Legitimate Eavesdropping with Multiple Wireless Powered Eavesdroppers. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 205-215.	0.3	0
23	Secure Communication with a Proactive Eavesdropper Under Perfect CSI and CDI. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 525-536.	0.3	0
24	Auction-Based Resource Allocation for Mobile Edge Computing Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2020, E103.A, 718-722.	0.3	3
25	Cooperative resource allocation in cognitive wireless powered communication networks with energy accumulation and deadline requirements. <i>Science China Information Sciences</i> , 2019, 62, 1.	4.3	10
26	Secure Transmission for SWIPT IoT Systems With Full-Duplex IoT Devices. <i>IEEE Internet of Things Journal</i> , 2019, 6, 10915-10933.	8.7	63
27	Resource allocation in OFDM-based wireless powered communication networks with SWIPT. <i>AEU - International Journal of Electronics and Communications</i> , 2019, 101, 69-75.	2.9	11
28	Jammer-Assisted Legitimate Eavesdropping in Wireless Powered Suspicious Communication Networks. <i>IEEE Access</i> , 2019, 7, 20363-20380.	4.2	25
29	Outage Minimized Resource Allocation for Multiuser OFDM Systems With SWIPT. <i>IEEE Access</i> , 2019, 7, 79714-79725.	4.2	18
30	Resource allocation in cognitive wireless powered communication networks with wirelessly powered secondary users and primary users. <i>Science China Information Sciences</i> , 2019, 62, 1.	4.3	15
31	Resource Allocation for Mobile Data Offloading Through Third-Party Cognitive Small Cells. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019, , 438-447.	0.3	0
32	Energy-Saving Computation Offloading by Joint Data Compression and Resource Allocation for Mobile-Edge Computing. <i>IEEE Communications Letters</i> , 2019, 23, 704-707.	4.1	64
33	Price-Based Resource Allocation in Cooperative Cognitive Wireless Powered Communication Networks. , 2019, , .		0
34	Secure Transmission in Multicarrier Power-Splitting Wireless Powered Communication Networks with Full-duplex Receivers. , 2019, , .		1
35	A Stackelberg Game for Cooperative Cognitive Wireless Powered Communication Networks with Multiple Primary Users. , 2019, , .		1
36	A Three-Stage Stackelberg Game for Secure Communication with a Wireless Powered Jammer. , 2019, , .		2

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37	Resource Allocation for Outage Probability Minimization in Cognitive Wireless Powered Communication Networks. , 2019, , .		1
38	Secure Communication with a Wireless Powered Full-Duplex Eavesdropper. , 2019, , .		1
39	Secure Communication with a SWIPT-based Energy Harvesting Eavesdropper. , 2019, , .		0
40	Outage Minimized Joint Power Splitting and Resource Allocation optimization for Multiuser OFDM Systems with SWIPT. , 2019, , .		1
41	Secure Transmission in Multicarrier Time-Switching Wireless Powered Communication Networks with Full-duplex Receivers. , 2019, , .		0
42	Resource Allocation for Secure Communications in Cooperative Cognitive Wireless Powered Communication Networks. IEEE Systems Journal, 2019, 13, 2431-2442.	4.6	35
43	Secure Transmission in Wireless Powered Communication Networks with Full-Duplex Receivers. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 750-754.	0.3	2
44	Resource Allocation for Cognitive Radio With Primary User Secrecy Outage Constraint. IEEE Systems Journal, 2018, 12, 893-904.	4.6	36
45	Minimizing secrecy outage probability for primary users in cognitive radio networks. AEU - International Journal of Electronics and Communications, 2018, 83, 353-358.	2.9	8
46	Traffic Offloading Through Third-Party Cognitive Small Cells with Dual-Connectivity. , 2018, , .		0
47	Antenna Selection and Resource Allocation in Wireless Powered Communication Networks with Self-Energy Recycling. , 2018, , .		0
48	Secure Communications for Primary Users in Cognitive Radio Networks with Collusive Eavesdroppers. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 1970-1974.	0.3	1
49	Energy Efficient Joint Channel and Power allocation for Energy Harvesting Cognitive Radio Networks. , 2018, , .		2
50	Cooperative Resource Allocation in Cognitive Wireless Powered Communication Networks with Minimum Rate Requirements. , 2018, , .		0
51	Resource Allocation in Cognitive Wireless Powered Communication Networks under Outage Constraint. , 2018, , .		8
52	Optimization of wireless information and power transfer in multiuser OFDM systems. AEU - International Journal of Electronics and Communications, 2018, 90, 171-174.	2.9	15
53	Proactive Eavesdropping through a Third-Party Jammer. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 878-882.	0.3	1
54	Legitimate Surveillance with a Wireless Powered Monitor in Rayleigh Fading Channels. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 293-297.	0.3	2

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55	Power allocation for two-user cognitive multiple access channels under primary user outage constraint. International Journal of Communication Systems, 2017, 30, e3096.	2.5	6
56	Joint Power Control and Time Allocation for Wireless Powered Underlay Cognitive Radio Networks. IEEE Wireless Communications Letters, 2017, 6, 294-297.	5.0	96
57	Power Allocation for Energy-Harvesting-based Fading Cognitive Multiple Access Channels: with or without Successive Interference Cancellation. International Journal of Electronics and Telecommunications, 2017, 63, 65-72.	0.6	0
58	Resource allocation in underlay cognitive radio networks with full-duplex cognitive base station. International Journal of Communication Systems, 2017, 30, e3321.	2.5	7
59	Optimal Power Allocation for CC-HARQ-based Cognitive Radio with Statistical CSI in Nakagami Slow Fading Channels. Frequenz, 2017, 71, 65-72.	0.9	0
60	Cooperative Resource Allocation in Cognitive Radio Networks With Wireless Powered Primary Users. IEEE Wireless Communications Letters, 2017, 6, 658-661.	5.0	45
61	Price-based time and energy allocation in cognitive radio multiple access networks with energy harvesting. Science China Information Sciences, 2017, 60, 1.	4.3	14
62	A Novel Virtual Network Fault Diagnosis Method Based on Long Short-Term Memory Neural Networks. , 2017, , .		3
63	Improving physical-layer security for primary users in cognitive radio networks. IET Communications, 2017, 11, 2303-2310.	2.2	14
64	Offloading data traffic via cognitive small cells with wireless powered user equipments. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	11
65	Power allocation for cognitive radio with hybrid energy supplies. , 2017, , .		1
66	An Efficient Resource Allocation Algorithm for Underlay Cognitive Radio Multichannel Multicast Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 2065-2068.	0.3	2
67	Joint User and Power Allocation in Underlay Cognitive Radio Networks with Multiple Primary Users' Security Constraints. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 2061-2064.	0.3	3
68	Energy Efficient Power Allocation for Delay-QoS Constrained Cognitive Radio Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 1264-1267.	0.3	2
69	Optimization of multiuser multichannel cognitive radio networks with wireless information and power transfer. , 2016, , .		2
70	Resource allocation in wireless virtualized networks with energy harvesting. , 2016, , .		0
71	Joint power and time allocation for wireless powered cognitive radio multiple access networks with or without SIC. , 2016, , .		1
72	Joint user pairing and resource allocation in full-duplex underlay cognitive radio networks. , 2016, , .		0

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73	Resource allocation for outage probability minimisation in cognitive radio multicast networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 51-63.	3.9	11
74	Sum Outage Capacity Maximization in Cognitive Radio Networks with Channel Distribution Information. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 2600-2603.	0.3	0
75	Capacity of Cognitive Radio with Partial Channel Distribution Information in Rayleigh Fading Environments. Frequenz, 2015, 69, .	0.9	0
76	Service Outage Constrained Outage Probability Minimizing Joint Channel, Power and Rate Allocation for Cognitive Radio Multicast Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 1854-1857.	0.3	4
77	Energy efficient joint scheduling and resource allocation for downlink cognitive radio networks. , 2015, , .		2
78	Power allocation for two-user cognitive multiple access channels under primary user outage constraint. , 2015, , .		1
79	Energy efficient resource allocation for multiple primary and secondary users in cognitive radio networks with limited primary users' cooperation. , 2015, , .		1
80	On the effective capacity region for cognitive radio multiple access channels. AEU - International Journal of Electronics and Communications, 2015, 69, 958-961.	2.9	11
81	Effective capacity region and power allocation for two-way spectrum sharing cognitive radio networks. Science China Information Sciences, 2015, 58, 1-10.	4.3	16
82	Energy efficient joint chunk and power allocation for chunk-based multi-carrier cognitive radio networks. , 2015, , .		0
83	Optimal power allocation for cognitive radio networks with primary user secrecy rate loss constraint. , 2015, , .		2
84	Power Allocation for Two-Way OFDM-Based Spectrum Sharing Cognitive Radio Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 918-922.	0.3	3
85	Power Allocation for Ergodic Capacity and Outage Probability Tradeoff in Cognitive Radio Networks. IEICE Transactions on Communications, 2015, E98.B, 1988-1995.	0.7	2
86	Resource allocation for heterogeneous services in multiuser cognitive radio networks. International Journal of Communication Systems, 2014, 27, 2121-2140.	2.5	13
87	Joint user association and resource allocation for cognitive radio networks. , 2014, , .		2
88	Resource allocation for chunk-based multi-carrier cognitive radio networks. , 2014, , .		2
89	Ergodic capacity and outage probability optimization for secondary user in cognitive radio networks under interference outage constraint. AEU - International Journal of Electronics and Communications, 2014, 68, 747-755.	2.9	10
90	Discriminative Reference-Based Scene Image Categorization. IEICE Transactions on Information and Systems, 2014, E97.D, 2823-2826.	0.7	1

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91	Resource allocation in delay-QoS constrained multiuser cognitive radio networks. , 2014, , .		3
92	Joint Power and Rate Allocation in Cognitive Radio Multicast Networks for Outage Probability Minimization. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 904-906.	0.3	5
93	On the Outage Capacity of Fading Cognitive Multicast Channel. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 2272-2275.	0.3	5
94	On the Impacts of Channel Estimation Errors and Feedback Delay on the Ergodic Capacity for Spectrum Sharing Cognitive Radio. Wireless Personal Communications, 2013, 72, 1875-1887.	2.7	14
95	Effective capacity of delay quality-of-service constrained spectrum sharing cognitive radio with outdated channel feedback. Science China Information Sciences, 2013, 56, 1-13.	4.3	8
96	Joint power and rate allocation for spectrum sharing cognitive radio multicast networks under service outage constraint. AEU - International Journal of Electronics and Communications, 2013, 67, 585-587.	2.9	13
97	Outage Capacity of Spectrum Sharing Cognitive Radio with Channel Estimation Errors and Feedback Delay in Rayleigh Fading Environments. Frequenz, 2013, 67, .	0.9	3
98	Outage Capacity of Spectrum Sharing Cognitive Radio with MRC Diversity and Outdated CSI under Asymmetric Fading. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2013, E96.A, 732-736.	0.3	2
99	Impact of the Primary User's Power Allocation on the Performance of the Secondary User in Cognitive Radio Networks. IEICE Transactions on Communications, 2013, E96.B, 668-672.	0.7	0
100	Capacity of cognitive radio under delay quality-of-service constraints with outdated channel feedback. , 2012, , .		3
101	Optimal power allocation and relay selection in dual-hop and multi-hop cognitive networks. , 2012, , .		4
102	Intelligent and efficient development of wireless networks: A review of cognitive radio networks. Science Bulletin, 2012, 57, 3662-3676.	1.7	34
103	An Architecture for Cognitive Radio Networks with Cognition, Self-Organization and Reconfiguration Capabilities. , 2012, , .		6
104	Protecting Primary Users in Cognitive Radio Networks with Effective Capacity Loss Constraint. IEICE Transactions on Communications, 2012, E95-B, 349-353.	0.7	5
105	Power Allocation Schemes For Downlink Cognitive Radio Networks With Opportunistic Sub-channel Access. KSII Transactions on Internet and Information Systems, 2012, , .	0.3	3
106	Minimum average BER power allocation for fading channels in cognitive radio networks. , 2011, , .		12
107	Automated Optimal Configuring of Femtocell Base Stations' Parameters in Enterprise Femtocell Network. , 2011, , .		5
108	Optimal Power Control of Cognitive Radio under SINR Constraint with Primary User's Cooperation. IEICE Transactions on Communications, 2011, E94-B, 2685-2689.	0.7	7

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109	Radio resource management for public femtocell networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	7
110	Capacity of cognitive radio under outage constraint with partial channel knowledge. , 2011, , .		0
111	Resource allocation for multiuser cognitive radio with primary user's cooperation. , 2011, , .		2
112	Outage Probability Minimizing Power/Rate Control for Cognitive Radio Multicast Networks. , 2011, , .		8
113	Fair channel allocation and power control for uplink and downlink cognitive radio networks. , 2011, , .		33
114	Effects of outdated channel state information in partial relay selection systems with multiple antennas at the destination. , 2011, , .		1
115	Large-Scale Characteristics of 5.25 GHz Based on Wideband MIMO Channel Measurements. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 263-266.	4.0	28
116	Indoor Office Propagation Measurements and Path Loss Models at 5.25 GHz. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	22