

Cognitive multiple access via cooperation: Protocol des

IEEE Transactions on Information Theory

53, 3677-3696

DOI: [10.1109/tit.2007.904784](https://doi.org/10.1109/tit.2007.904784)

Citation Report

#	ARTICLE	IF	CITATIONS
2	CEDREC - A Concurrent Error Detection Schema using Residue Codes. , 1986, , .		0
3	Listen-Before-Talk Versus Treating Interference as Noise for Spectrum Sharing. , 2008, , .		10
4	Hard decision packet combining methods for industrial wireless relay networks. , 2008, , .		3
5	On Spectrum Sharing in Cooperative Multiple Access Networks. , 2008, , .		2
6	Performance Analysis for a Fully Decentralized Transmit Power Allocation Scheme for Relay-Assisted Cognitive-Radio Systems. , 2008, , .		16
7	Optimization of transmission schedules in capture-based wireless networks. , 2008, , .		18
8	A distributed underlay channel assignment for cognitive cooperative ad hoc networks based on interference temperature. , 2009, , .		0
9	Content-aware multiple access protocol for cooperative packet speech communications. IEEE Transactions on Wireless Communications, 2009, 8, 995-1005.	9.2	9
10	Cooperation above the physical layer: The case of a simple network. , 2009, , .		25
11	Opportunistic user cooperative relaying in TDMA-based wireless networks. Wireless Communications and Mobile Computing, 2010, 10, 972-985.	1.2	5
12	Protocol design and throughput analysis for multi-user cognitive cooperative systems. IEEE Transactions on Wireless Communications, 2009, 8, 4740-4751.	9.2	97
13	Cooperative Cognitive Radio with Priority Queueing Analysis. , 2009, , .		42
14	Stability analysis for cognitive radio with cooperative enhancements. , 2009, , .		1
15	Distributed transmit power allocation for multihop cognitive-radio systems. IEEE Transactions on Wireless Communications, 2009, 8, 5187-5201.	9.2	90
16	On Opportunistic Cooperation for Improving the Stability Region with Multipacket Reception. Lecture Notes in Computer Science, 2009, , 45-59.	1.3	16
18	Protocol-level cooperation in wireless networks: Stable throughput and delay analysis. , 2009, , .		29
19	Exploiting buffers in cognitive multi-relay systems for delay-sensitive applications. , 2009, , .		0
20	Cooperation for transmission scheduling in wireless networks. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
21	Scheduling in Wireless Networks. Foundations and Trends in Networking, 2009, 4, 421-511.	10.2	14
22	novel multi-relay cross-layer cooperative communication strategy based on Jackson queuing model. Science China Information Sciences, 2010, 53, 842-853.	4.3	2
23	Multilevel Modulation for Cognitive Multiaccess Relay Channel. IEEE Transactions on Vehicular Technology, 2010, 59, 3121-3125.	6.3	3
24	Exploiting Cooperative Advantages in Slotted ALOHA Random Access Networks. IEEE Transactions on Information Theory, 2010, 56, 3828-3846.	2.4	9
26	Stability and Performance Issues of a Relay Assisted Multiple Access Scheme. , 2010, , .		13
27	Throughput Analysis for Cooperation in Random Access Networks. , 2010, , .		0
28	Enabling user cooperation through embedded coding and awareness of source content dynamics. , 2010, , .		0
29	Transmission of TCP Traffic over User Cooperative Communications in Infrastructure Networks. , 2010, , .		0
30	Stability and maximum throughput analysis of cognitive MIMO radio. , 2010, , .		0
31	Throughput Analysis of Cognitive Radio with OSTBC between Primary and Secondary Users. , 2010, , .		1
32	Stability Analysis for Network Coded Multicast Cell with Opportunistic Relay. , 2010, , .		0
33	Resource Allocation for the Cognitive Coexistence of Ad-Hoc and Cooperative Relay Networks. , 2010, , .		4
34	Stable throughput of secondary user in cognitive relay system. , 2010, , .		0
35	A geometric approach to improve spectrum efficiency for cognitive relay networks. IEEE Transactions on Wireless Communications, 2010, 9, 268-281.	9.2	85
36	Spectrum sharing based on detection thresholds for cognitive radio with cooperative relay. , 2010, , .		1
37	Protocol design and delay analysis of half-duplex buffered cognitive relay systems. IEEE Transactions on Wireless Communications, 2010, 9, 898-902.	9.2	16
38	Stable Throughput Analysis of Multi-User Cognitive Cooperative Systems. , 2010, , .		10
39	Delay optimal power control and relay selection for two-hop cooperative OFDM systems via distributive stochastic learning. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
40	Stability analysis for cognitive radio with multi-access primary transmission. IEEE Transactions on Wireless Communications, 2010, 9, 72-77.	9.2	61
41	An Opportunistic Relaying Protocol Exploiting Distributed Beamforming and Token Passing in Cognitive Radios. , 2010, , .		5
42	Queue-aware distributive power and relay selection control for delay-sensitive two-hop OFDM cooperative systems. , 2010, , .		0
43	Network-level cooperation with enhancements based on the physical layer. , 2010, , .		8
44	Multiple access with multi-dimensional learning for cognitive radio in open spectrum. , 2011, , .		0
45	Distributed Opportunistic Scheduling for Cooperative Networking. , 2011, , .		0
46	Relay-assisted multiple access with multi-packet reception capability and simultaneous transmission and reception. , 2011, , .		13
47	Cognitive relaying systems based on network and superposition coding in multiple access primary channels. , 2011, , .		5
48	A node grouping algorithm for joint relay selection and resource allocation in cooperative cognitive radio networks. , 2011, , .		3
49	Cooperative Beamforming Aided Incremental Relaying in Cognitive Radios. , 2011, , .		11
50	Delay Optimal Scheduling for Cognitive Radio Networks with Cooperative Beamforming. , 2011, , .		4
51	Multi-relay Cooperative Mechanism with Q-Learning in Cognitive Radio Multimedia Sensor Networks. , 2011, , .		6
52	Stable throughput tradeoffs in cognitive shared channels with cooperative relaying. , 2011, , .		56
53	Stability and performance issues of a relay assisted multiple access scheme with MPR capabilities. , 2011, , .		4
54	Opportunistic Multiple Access for Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 704-715.	14.0	46
55	Stable throughput and delay performance in cognitive cooperative systems. IET Communications, 2011, 5, 190-198.	2.2	14
57	Cognitive MIMO Radio. International Journal of Cognitive Informatics and Natural Intelligence, 2011, 5, 58-79.	0.4	0
58	Advances in cognitive radio networks: A survey. IEEE Journal on Selected Topics in Signal Processing, 2011, 5, 5-23.	10.8	1,090

#	ARTICLE	IF	CITATIONS
59	Stability Analysis for Bidirectional MABC-DF Relay Networks With Bursty Traffic. IEEE Transactions on Vehicular Technology, 2011, 60, 2844-2849.	6.3	6
60	Low-Complexity MAP-Based Successive Data Detection for Coded OFDM Systems Over Highly Mobile Wireless Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 2849-2857.	6.3	162
61	Network-Level Cooperation for a Multiple-Access Channel Via Dynamic Decode-and-Forward. IEEE Transactions on Information Theory, 2011, 57, 7759-7770.	2.4	12
62	Cooperation in Random Access Networks: Protocol Design and Performance Analysis. IEEE Journal on Selected Areas in Communications, 2012, 30, 1694-1702.	14.0	11
63	On combating the half-duplex constraint in modern cooperative networks: protocols and techniques. IEEE Wireless Communications, 2012, 19, 20-27.	9.0	77
64	Effect of secondary nodes on the primary's stable throughput in a cognitive wireless network. , 2012, , .		6
65	Cooperative cognitive relaying with ordered cognitive multiple access. , 2012, , .		7
66	Delay-optimal multi-flow buffered decode-and-forward relay communications with limited renewable energy storage. , 2012, , .		4
67	Wireless network-level partial relay cooperation. , 2012, , .		18
68	Stable Throughput Regions in Wireless Networks. Foundations and Trends in Networking, 2012, 7, 235-338.	10.2	13
69	Distributed and centralized iterative detection of self-encoded spread spectrum in multi-channel communication. Journal of Communications and Networks, 2012, 14, 280-285.	2.6	1
70	Opportunistic relay selection for cooperative networks with buffers. , 2012, , .		0
71	Impact of Cognition and Cooperation on MAC Layer Performance Metrics, Part I: Maximum Stable Throughput. IEEE Transactions on Wireless Communications, 2012, 11, 4252-4263.	9.2	7
72	Opportunistic cognitive relaying with network and superposition coding for multiple secondary receivers in primary MAC. , 2012, , .		1
73	A novel hybrid random access policy based on spectrum occupation. , 2012, , .		0
74	Stable throughput analysis for a cooperative WLAN with primary and secondary users. , 2012, , .		0
75	Wireless multicast with cooperative relaying. , 2012, , .		2
76	Buffer-Aided Relay Selection for Cooperative Diversity Systems without Delay Constraints. IEEE Transactions on Wireless Communications, 2012, 11, 1957-1967.	9.2	319

#	ARTICLE	IF	CITATIONS
77	IDMA-based cooperative partial packet recovery: principles and applications. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2012, 2012, .	2.4	5
78	Stability Analysis and Power Optimization for Energy Harvesting Cooperative Networks. <i>IEEE Signal Processing Letters</i> , 2012, 19, 20-23.	3.6	66
79	A Spectrum Leasing Cooperative Medium Access Protocol and its Stability Analysis. <i>IEEE Transactions on Vehicular Technology</i> , 2012, 61, 3718-3730.	6.3	5
80	Delay Optimal Scheduling for Cognitive Radios with Cooperative Beamforming: A Structured Matrix-Geometric Method. <i>IEEE Transactions on Mobile Computing</i> , 2012, 11, 1412-1423.	5.8	19
81	Cooperative Access in Wireless Networks: Stable Throughput and Delay. <i>IEEE Transactions on Information Theory</i> , 2012, 58, 5890-5907.	2.4	41
82	Delay minimization through joint routing and resource allocation in cognitive radio-based mesh networks. , 2012, , .		2
83	An Indirect-Reciprocity Reputation Game for Cooperation in Dynamic Spectrum Access Networks. <i>IEEE Transactions on Wireless Communications</i> , 2012, 11, 4328-4341.	9.2	22
84	Opportunistic Cooperative Networking: To Relay or Not To Relay?. <i>IEEE Journal on Selected Areas in Communications</i> , 2012, 30, 307-314.	14.0	34
85	Throughput-optimal scheduling for cooperative relaying in wireless access networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2012, 2012, .	2.4	2
86	Protocol design and performance analysis for cognitive cooperative networks with multiple antennas. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013, 2013, .	2.4	3
87	Active interference cancellation-aided QoS-aware distributed ARQ for cognitive radios with heterogeneous traffics. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013, 2013, .	2.4	3
88	Stability analysis in a cognitive radio system with cooperative beamforming. , 2013, , .		3
89	Joint Spectrum Sensing and Access Evolutionary Game in Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013, 12, 2470-2483.	9.2	175
90	A Feedback- Soft Sensing-Based Access Scheme for Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013, 12, 3226-3237.	9.2	16
91	Stable Throughput in a Cognitive Wireless Network. <i>IEEE Journal on Selected Areas in Communications</i> , 2013, 31, 523-533.	14.0	35
92	Joint power and rate scheduling for cognitive multi-access networks with imperfect sensing. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013, 2013, .	2.4	1
93	Raptor codes-aided relaying for vehicular infotainment applications. <i>IET Communications</i> , 2013, 7, 2064-2073.	2.2	2
94	On RANC ARQ for Wireless Relay Networks: From the Transmission Perspective. <i>IEEE Transactions on Wireless Communications</i> , 2013, 12, 2962-2976.	9.2	5

#	ARTICLE	IF	CITATIONS
95	Cooperation through secondary relaying in TDMA cellular networks. , 2013, , .		0
96	On the stability region of a relay-assisted multiple access scheme. , 2013, , .		2
97	Full-Duplex Cooperative Cognitive Radio with Transmit Imperfections. IEEE Transactions on Wireless Communications, 2013, 12, 2498-2511.	9.2	97
98	Delay-Aware Two-Hop Cooperative Relay Communications via Approximate MDP and Stochastic Learning. IEEE Transactions on Information Theory, 2013, 59, 7645-7670.	2.4	23
99	Stability Analysis of an Ordered Cognitive Multiple-Access Protocol. IEEE Transactions on Vehicular Technology, 2013, 62, 2678-2689.	6.3	5
100	Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. IEEE Journal on Selected Areas in Communications, 2013, 31, 406-416.	14.0	177
101	A reputation-based Stackelberg game approach for spectrum sharing with cognitive cooperation. , 2013, , .		27
102	Multicast throughput stability analysis for cognitive cooperative random access. , 2013, , .		5
103	Error Performance and Diversity Analysis of Multi-Source Multi-Relay Wireless Networks with Binary Network Coding and Cooperative MRC. IEEE Transactions on Wireless Communications, 2013, 12, 2883-2903.	9.2	37
104	Transmit and receive cooperative cognition: Protocol design and stability analysis. , 2013, , .		2
105	Protocols and stability analysis for energy harvesting TDMA systems with/without relaying. , 2013, , .		6
106	Optimal selection of spectrum sensing duration for an energy harvesting cognitive radio. , 2013, , .		12
107	On spectral efficiency of using relay with opportunistic channel assignment. , 2013, , .		0
108	Network-level cooperation in energy harvesting wireless networks. , 2013, , .		12
109	Performance issues of multiple-relay cooperation. , 2013, , .		1
110	On Orthogonal Band Allocation for Multi-User Multi-Band Cognitive Radio Networks: Stability Analysis. IEEE Transactions on Communications, 2014, , 1-1.	7.8	2
111	Protocol design and stability analysis of cooperative cognitive radio users. , 2014, , .		0
112	On the power efficiency for cognitive radio networks with multiple relays. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
113	Throughput maximization via adjusting packet size of a buffered cognitive radio user. , 2014, , .		1
114	Probabilistic band-splitting for a buffered cooperative cognitive terminal. , 2014, , .		1
115	Band allocation for cognitive radios with buffered primary and secondary users. , 2014, , .		3
116	Utilizing multiple full-duplex relays in wireless systems with multiple packet reception. , 2014, , .		3
117	Maximum throughput of a cooperative energy harvesting cognitive radio user. , 2014, , .		15
118	On the stable throughput of cooperative cognitive radio networks with finite relaying buffer. , 2014, , .		11
119	Cooperation in Cognitive Underlay Networks: Stable Throughput Tradeoffs. IEEE/ACM Transactions on Networking, 2014, 22, 1756-1768.	3.8	27
120	On the stability of random access with energy harvesting and collision resolution. , 2014, , .		6
121	Spectrum-Aggregating Cognitive Multi-Antenna User with Multiple Primary Users. , 2014, , .		0
122	Stability and performance issues of a relay assisted multiple access scheme with MPR capabilities. Computer Communications, 2014, 42, 70-76.	5.1	16
123	Resource Allocation Techniques in Cooperative Cognitive Radio Networks. IEEE Communications Surveys and Tutorials, 2014, 16, 729-744.	39.4	115
124	Information and Energy Cooperation in Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2014, 62, 2290-2303.	5.3	218
125	Decentralized Throughput Maximization in Cognitive Radio Wireless Mesh Networks. IEEE Transactions on Mobile Computing, 2014, 13, 1967-1980.	5.8	15
126	Joint Routing and Resource Allocation for Delay Minimization in Cognitive Radio Based Mesh Networks. IEEE Transactions on Wireless Communications, 2014, 13, 186-197.	9.2	36
127	Multi-Channel Sensing and Access Game: Bayesian Social Learning with Negative Network Externality. IEEE Transactions on Wireless Communications, 2014, 13, 2176-2188.	9.2	39
128	Performance Analysis of Relay-Assisted Network-Coding ARQ with Space-Time Cooperation in Wireless Relay Networks. IEEE Transactions on Wireless Communications, 2014, 13, 4132-4145.	9.2	6
129	On the stability of random multiple access with feedback exploitation and queue priority. , 2014, , .		5
130	Maximum throughput of a secondary user cooperating with an energy-aware primary user. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
131	Cooperative access in cognitive radio networks: stable throughput and delay tradeoffs. , 2014, , .		8
132	Dynamic Cooperative Secondary Access in Hierarchical Spectrum Sharing Networks. IEEE Transactions on Wireless Communications, 2014, 13, 6068-6080.	9.2	8
133	Temporal Reuse in Cooperative Relay Networks via Destination Feedback. IEEE Transactions on Vehicular Technology, 2014, 63, 2712-2722.	6.3	0
134	Opportunistic Spectrum Sharing Based on Full-Duplex Cooperative OFDM Relaying. IEEE Communications Letters, 2014, 18, 241-244.	4.1	40
135	Cognitive Cooperative Random Access for Multicast: Stability and Throughput Analysis. IEEE Transactions on Control of Network Systems, 2014, 1, 135-144.	3.7	5
136	Energy efficiency in cooperative cognitive wireless networks. , 2014, , .		4
137	Cognitive Access Protocol for Alleviating Sensing Errors in Cognitive Multiple-Access Systems. IEEE Wireless Communications Letters, 2014, 3, 297-300.	5.0	1
138	Stability Analysis and Resource Allocation for Space-Based Multi-Access Systems. , 2014, , .		2
139	On information and energy cooperation in energy harvesting cognitive radio. , 2015, , .		8
140	Cooperative MAC for Cognitive Radio Network with Energy Harvesting and Randomized Service Policy. , 2015, , .		5
141	Stability Analysis and Resource Allocation for Space-Based Multi-Access Systems. , 2015, , .		4
142	ARQ Protocols in Cognitive Decode-and-Forward Relay Networks: Opportunities Gain. Radioengineering, 2015, 24, 296-304.	0.6	3
143	Interference model and analysis on device-to-device cellular coexist networks. , 2015, , .		0
144	Delay Optimal Buffered Decode-and-Forward for Two-Hop Networks With Random Link Connectivity. IEEE Transactions on Information Theory, 2015, 61, 404-425.	2.4	8
145	On Secure Communications Over a Wiretap Channel With Fixed-Rate Transmission: Protocol Design and Queueing Analysis. IEEE Wireless Communications Letters, 2015, 4, 453-456.	5.0	7
146	On the design of relay-assisted primary-secondary networks. , 2015, , .		1
147	Interference-based optimal power-efficient access scheme for cognitive radio networks. , 2015, , .		1
148	On the Design of a Relay-Assisted Network. IEEE Communications Letters, 2015, 19, 1153-1156.	4.1	2

#	ARTICLE	IF	CITATIONS
149	An Amplify-and-Forward Scheme for Spectrum Sharing in Cognitive Radio Channels. IEEE Transactions on Wireless Communications, 2015, 14, 5629-5642.	9.2	25
150	Relay-Assisted Multiple Access With Full-Duplex Multi-Packet Reception. IEEE Transactions on Wireless Communications, 2015, 14, 3544-3558.	9.2	55
151	Optimal spectrum access for a rechargeable cognitive radio user based on energy buffer state. , 2015, , .		3
152	Energy-efficient cooperative relaying protocol for full-duplex cognitive radio users and delay-aware primary users. , 2015, , .		8
153	A Buffer-Aided Successive Opportunistic Relay Selection Scheme With Power Adaptation and Inter-Relay Interference Cancellation for Cooperative Diversity Systems. IEEE Transactions on Communications, 2015, 63, 1623-1634.	7.8	47
154	Optimal cooperative cognitive relaying and spectrum access for an energy harvesting cognitive radio: Reinforcement learning approach. , 2015, , .		7
155	Cooperative Routing for Underlay Cognitive Radio Networks Using Mutual-Information Accumulation. IEEE Transactions on Wireless Communications, 2015, 14, 7110-7122.	9.2	7
156	Network-level performance evaluation of a two-relay cooperative random access wireless system. Computer Networks, 2015, 88, 187-201.	5.1	23
157	Power-optimal feedback-based random spectrum access for an energy harvesting cognitive user. , 2015, , .		3
158	Cognitive Radio Networks With Probabilistic Relaying: Stable Throughput and Delay Tradeoffs. IEEE Transactions on Communications, 2015, 63, 4002-4014.	7.8	25
159	A cooperative MAC protocol with rapid relay selection for wireless ad hoc networks. Computer Networks, 2015, 91, 262-282.	5.1	25
160	A Sparsity-Aware Cooperative Protocol for Cognitive Radio Networks With Energy-Harvesting Primary User. IEEE Transactions on Communications, 2015, 63, 3118-3131.	7.8	13
161	To Relay or Not to Relay in Cognitive Radio Sensor Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5221-5231.	6.3	5
162	Performance Analysis of a Cognitive Radio Network With a Buffered Relay. IEEE Transactions on Vehicular Technology, 2015, 64, 566-579.	6.3	10
163	Throughput of a cooperative energy harvesting secondary user in cognitive radio networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1365-1379.	3.9	7
164	QoS-Based Design for Security Enhancement in TDMA-Based Wireless Networks. , 2016, , .		2
165	A Hybrid TDMA-MAC Cooperative Relaying Scheme: Stability and Delay Analysis. , 2016, , .		1
166	A Survey and Taxonomy on Medium Access Control Strategies for Cooperative Communication in Wireless Networks: Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2016, 18, 2493-2521.	39.4	38

#	ARTICLE	IF	CITATIONS
167	On optimizing cooperative cognitive user performance under primary QoS constraints. , 2016, , .		4
168	Relay-Assisted Primary and Secondary Transmissions in Cognitive Radio Networks. IEEE Access, 2016, 4, 6386-6400.	4.2	7
169	Novel cooperative policy for cognitive radio networks: Stability region and delay analysis. , 2016, , .		4
170	Effect of energy harvesting on stable throughput in cooperative relay systems. Journal of Communications and Networks, 2016, 18, 261-269.	2.6	20
171	Quality of Protection in Cloud-Assisted Cognitive Machine-to-Machine Communications for Industrial Systems. Mobile Networks and Applications, 2016, 21, 1032-1042.	3.3	0
172	Energy-Aware Cooperative Wireless Networks With Multiple Cognitive Users. IEEE Transactions on Communications, 2016, 64, 3233-3245.	7.8	5
173	On the coexistence of a primary user with an energy harvesting secondary user: a case of cognitive cooperation. Wireless Communications and Mobile Computing, 2016, 16, 166-176.	1.2	9
174	Energy Efficiency Versus Performance in Cognitive Wireless Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 1336-1347.	14.0	19
175	Stable Throughput Region and Admission Control for Device-to-Device Cellular Coexisting Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2809-2824.	9.2	9
176	Distributed Spatial Modulation: A Cooperative Diversity Protocol for Half-Duplex Relay-Aided Wireless Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2947-2964.	6.3	107
177	Secure Communications in the Presence of a Buffer-Aided Wireless-Powered Relay With Self-Energy Recycling. IEEE Wireless Communications Letters, 2016, 5, 32-35.	5.0	22
178	Maximum Secondary Stable Throughput of a Cooperative Secondary Transmitter-Receiver Pair: Protocol Design and Stability Analysis. IEEE Transactions on Vehicular Technology, 2016, 65, 4937-4951.	6.3	0
179	Cooperative Cognitive Intelligence for Internet of Vehicles. IEEE Systems Journal, 2017, 11, 1249-1258.	4.6	123
180	Resource Allocation in Space Multiaccess Systems. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 598-618.	4.7	73
181	Transport capacity of cooperative cognitive radio ad hoc networks. Physical Communication, 2017, 25, 298-303.	2.1	1
182	QoS-Aware Enhanced-Security for TDMA Transmissions from Buffered Source Nodes. IEEE Transactions on Wireless Communications, 2017, 16, 1051-1065.	9.2	10
183	Optimizing Secondary User Performance under Delay Constraint for Primary User. , 2017, , .		0
184	A queueing system for modeling cooperative wireless networks with coupled relay nodes and synchronized packet arrivals. Performance Evaluation, 2017, 114, 16-31.	1.2	27

#	ARTICLE	IF	CITATIONS
185	Probabilistic Jamming/Eavesdropping Attacks to Confuse a Buffer-Aided Transmitter-Receiver Pair. IEEE Communications Letters, 2017, 21, 1549-1552.	4.1	3
186	Probabilistic Cooperation of a Full-Duplex Relay in Random Access Networks. IEEE Access, 2017, 5, 7394-7404.	4.2	6
189	Optimizing Cooperative Cognitive Radio Networks Performance With Primary QoS Provisioning. IEEE Transactions on Communications, 2017, 65, 1451-1463.	7.8	15
190	Quasi-birth-and-death model for queuing based cooperative cognitive networks. , 2017, , .		0
191	Precoding Design and Power Allocation in Two-User MU-MIMO Wireless Ad Hoc Networks. Symmetry, 2017, 9, 247.	2.2	2
192	Wireless network-level partial relay cooperation: A stable throughput analysis. Journal of Communications and Networks, 2018, 20, 93-101.	2.6	9
193	Secure Communications for the Two-User Broadcast Channel With Random Traffic. IEEE Transactions on Information Forensics and Security, 2018, 13, 2294-2309.	6.9	12
194	Relay selection and power allocation for energy-efficient cooperative cognitive radio networks. Physical Communication, 2018, 28, 1-10.	2.1	6
195	Throughput Analysis for Relay-Assisted Millimeter-Wave Wireless Networks. , 2018, , .		3
196	Analysis of a Generalized Retrial System with Coupled Orbits. , 2018, , .		6
197	Network-Level Cooperation in Random Access IoT Networks with Aggregators. , 2018, , .		4
198	Energy-efficient cooperative cognitive relaying schemes for cognitive radio networks. Physical Communication, 2018, 30, 179-192.	2.1	6
199	DC Link Voltage Regulation of a Battery Integrated Solar Photo Voltaic System. , 2018, , .		2
200	NVMTS 2018 TOC. , 2018, , .		0
201	Stable Throughput of Cooperative Cognitive Networks With Energy Harvesting: Finite Relay Buffer and Finite Battery Capacity. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 704-718.	7.9	4
202	On the Benefits of Network-Level Cooperation in Millimeter-Wave Communications. IEEE Transactions on Wireless Communications, 2019, 18, 4408-4424.	9.2	6
203	Cognitive Radio-Oriented Wireless Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , .	0.3	0
204	Cooperative Delay-Constrained Cognitive Radio Networks: Throughput Maximization with Full-Duplex Capability Impact. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 180-194.	0.3	4

#	ARTICLE	IF	CITATIONS
205	Finite Blocklength Analysis of the Multiple Access Relay Channel with Batch-and-Forward Strategy. , 2019, , .		1
206	Energy-Effective Cooperative and Reliable Delivery Routing Protocols for Underwater Wireless Sensor Networks. Energies, 2019, 12, 2630.	3.1	32
207	A Queue-Based Random Access Scheme in Network-Level Cooperative Wireless Networks. , 2019, , .		1
208	End to End Latency incurred in Cooperative Communication System. , 2019, , .		1
209	On the Delay/Throughput-Security Tradeoff in Wiretap TDMA Networks With Buffered Nodes. IEEE Transactions on Wireless Communications, 2019, 18, 3948-3960.	9.2	8
210	On the power series approximations of a structured batch arrival two-class retrial system with weighted fair orbit queues. Performance Evaluation, 2019, 132, 38-56.	1.2	7
211	Understanding Probabilistic Cognitive Relaying Communication with Experimental Implementation and Performance Analysis. Sensors, 2019, 19, 179.	3.8	5
212	Wiretap TDMA Networks With Energy-Harvesting Rechargeable-Battery Buffered Sources. IEEE Access, 2019, 7, 17215-17229.	4.2	2
213	Autonomous Spectrum Sharing by Well-Designed Games. , 2019, , 449-499.		5
214	Unsupervised Adaptation of Acoustic Models for ASR Using Utterance-Level Embeddings from Squeeze and Excitation Networks. , 2019, , .		2
215	Crime-GAN: A Context-based Sequence Generative Network for Crime Forecasting with Adversarial Loss. , 2019, , .		6
216	Combined Effects of Background Music and Nonverbal Synchrony Measures on Group Creativity â€”A Multiple Regression Approachâ€”. , 2019, , .		0
218	Entropy-based Spectrum Sensing under Symmetric Alpha Stable Impulsive Noise. , 2019, , .		0
219	Evaluation on the MUSIC Algorithm Performance of Uniform Rectangular Arrays. , 2019, , .		6
220	Exact Complexity Certification of a Standard Primal Active-Set Method for Quadratic Programming. , 2019, , .		8
221	Low-Cost Hybrid Manufactured Waveguide Bandpass Filters with 3D Printed Insert Dielectric. , 2019, , .		0
222	Multi-Antenna Array Topologies Optimization for Future Wireless Networks by Employing Particle Swarm Optimization. , 2019, , .		1
224	Smart Grid Malicious Meter Inspection by using an Adaptive Binary Splitting Algorithm. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
225	Circular Coil for EV Wireless Charging Design and Optimization Considering Ferrite Saturation. , 2019, , .		19
226	Modelling and Analysis of Gigahertz Transverse Electromagnetic Mode (GTEM) Cell. , 2019, , .		0
227	Custom Interactive Visualizations for Streamlining Clinical Trial Operations. , 2019, , .		0
228	An Indoor Crowd Detection Network Framework Based on Feature Aggregation Module and Hybrid Attention Selection Module. , 2019, , .		8
229	Intermediate-frequency External Axial Magnetic Field for Current Interruption Experiment. , 2019, , .		0
230	Validation of Soil Moisture Retrieval in Desert Steppe Area. , 2019, , .		2
231	Efficient Identification of Initial Clusters Centers for Partitioning Clustering Methods. , 2019, , .		2
232	Capacity of Single-Server Single-Message Private Information Retrieval with Private Coded Side Information. , 2019, , .		19
233	Knowledge-based Neural Models for Modelling High-Frequency Electronics Circuits. , 2019, , .		1
234	Pre-training of Autoregressive Model for Aircraft Hard Landing Prediction Based on QAR Data. , 2019, , .		5
235	Age Label Distribution Estimation Algorithm Based on Kernel Extreme Learning Machine. , 2019, , .		0
236	Authorsâ€™ Reply to â€œRespiration Rate Measurement Under 1-D Body Motion Using Single Continuous-Wave Doppler Radar Vital Sign Detection Systemâ€, IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2823-2823.	4.6	1
237	Autonomous Learning of Assembly Tasks from the Corresponding Disassembly Tasks. , 2019, , .		7
238	PAMTRI: Pose-Aware Multi-Task Learning for Vehicle Re-Identification Using Highly Randomized Synthetic Data. , 2019, , .		112
239	Improved Diagnosis Methodology for Multi-Defect Scenarios in High Compression Scan based Designs. , 2019, , .		1
241	Quick-Switch Adaptive Droop Control of MMC-MTDC for Large-Scale Renewable Energy Integration. , 2019, , .		0
242	Development of a standalone pico-hydropower system in monitoring the gully environment applications in Pingtung Ur-Pho Gully. , 2019, , .		0
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#	ARTICLE	IF	CITATIONS
244	Clustering on Multidimensional Poverty Data using PAM and K-prototypes Algorithm : Case Study: Jambi Province 2017. , 2019, , .		1
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246	The Motion Capture as Behavior Analyzing Method of Spontaneous Motor Activity in Human Infants. , 2019, , .		2
247	Optimal Distributions of Solutions for Hypervolume Maximization on Triangular and Inverted Triangular Pareto Fronts of Four-Objective Problems. , 2019, , .		2
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249	Towards VANET-NDN: A Framework for an Efficient Data Dissemination Design Scheme. , 2019, , .		5
250	Prescribed Performance Control Guided Policy Improvement for Satisfying Signal Temporal Logic Tasks. , 2019, , .		18
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252	Review of Solid-State Battery Technology Progress. , 2019, , .		11
253	A Multiclass Retrial System with Coupled Orbits and Service Interruptions: Verification of Stability Conditions. , 2019, , .		3
254	Throughput optimal random medium access control for relay networks with time-varying channels. Computer Communications, 2019, 133, 129-141.	5.1	4
255	Performance analysis of a cooperative wireless network with adaptive relays. Ad Hoc Networks, 2019, 87, 157-173.	5.5	16
256	Analysis of the shortest relay queue policy in a cooperative random access network with collisions. Queueing Systems, 2020, 94, 39-75.	0.9	4
257	Finite Blocklength Analysis of Multiple Access Channels With/Without Cooperation. IEEE Transactions on Communications, 2020, 68, 6317-6330.	7.8	6
258	A Game Theoretic Approach to the Selection, Mentorship, and Investment Decisions of Start-Up Accelerators. IEEE Transactions on Engineering Management, 2022, 69, 1753-1768.	3.5	7
259	Interference Characterization and Power Optimization for Automotive Radar With Directional Antenna. IEEE Transactions on Vehicular Technology, 2020, 69, 3703-3716.	6.3	12
260	Shapes From Echoes: Uniqueness From Point-to-Plane Distance Matrices. IEEE Transactions on Signal Processing, 2020, 68, 2480-2498.	5.3	3
261	Efficient Minimum Cost Seed Selection With Theoretical Guarantees for Competitive Influence Maximization. IEEE Transactions on Cybernetics, 2021, 51, 6091-6104.	9.5	16

#	ARTICLE	IF	CITATIONS
262	Step on It Bringing Fullwave Finite-Element Microwave Filter Design up to Speed. IEEE Microwave Magazine, 2020, 21, 34-49.	0.8	25
263	Secrecy Performance of an Artificial Noise Assisted Transmission Scheme With Active Eavesdropper. IEEE Communications Letters, 2020, 24, 971-975.	4.1	12
264	Cooperative Asynchronous Non-Orthogonal Multiple Access With Power Minimization Under QoS Constraints. IEEE Transactions on Wireless Communications, 2020, 19, 1503-1518.	9.2	4
265	Cooperative Delay-Constrained Cognitive Radio Networks: Delay-Throughput Trade-Off With Relaying Full-Duplex Capability. IEEE Access, 2020, 8, 9157-9171.	4.2	4
266	A Joint Sentence Scoring and Selection Framework for Neural Extractive Document Summarization. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 671-681.	5.8	20
267	Machine Learning in IoT Security: Current Solutions and Future Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 1686-1721.	39.4	409
269	Comprehensive Survey of Machine Learning Approaches in Cognitive Radio-Based Vehicular Ad Hoc Networks. IEEE Access, 2020, 8, 78054-78108.	4.2	50
270	Optimal Energy Sharing for Cooperative Relaying in a Random Access Network With Energy Harvesting Nodes. IEEE Transactions on Green Communications and Networking, 2021, 5, 231-242.	5.5	1
271	LoLa4SOR: Leveraging Successive Transmissions for Low-Latency Buffer-Aided Opportunistic Relay Networks. IEEE Open Journal of the Communications Society, 2021, 2, 1041-1054.	6.9	5
272	Performance Analysis of a Cache-Aided Wireless Heterogeneous Network With Secrecy Constraints. IEEE Access, 2021, 9, 52442-52454.	4.2	1
273	Systems with State-Dependent Retrial Rates. , 2021, , 149-158.		0
274	On the benefits of network-level cooperation in IoT networks with aggregators. Performance Evaluation, 2021, 147, 102196.	1.2	2
275	Optimizing Information Freshness for Cooperative IoT Systems With Stochastic Arrivals. IEEE Internet of Things Journal, 2021, 8, 14485-14500.	8.7	15
276	A Coupling-Based Analysis of a Multiclass Retrial System with State-Dependent Retrial Rates. Lecture Notes in Computer Science, 2019, , 34-50.	1.3	2
277	A Retrial Queue to Model a Two-Relay Cooperative Wireless System with Simultaneous Packet Reception. Lecture Notes in Computer Science, 2016, , 123-139.	1.3	13
278	Modeling and Analysis of a Relay-Assisted Cooperative Cognitive Network. Lecture Notes in Computer Science, 2017, , 47-62.	1.3	4
279	Stability Analysis of a Multiclass Retrial System with Coupled Orbit Queues. Lecture Notes in Computer Science, 2017, , 85-98.	1.3	7
280	A comprehensive survey on spectrum sharing: Architecture, energy efficiency and security issues. Journal of Network and Computer Applications, 2018, 103, 29-57.	9.1	43

#	ARTICLE	IF	CITATIONS
282	Achieving Secondary Capacity under Interference from a Primary Base Station. Lecture Notes in Computer Science, 2009, , 365-376.	1.3	0
283	Impact of Cooperative Transmission on Network Routing. Wireless Networks and Mobile Communications, 2009, , .	1.0	0
284	Throughput-Optimal Scheduling for Cooperative Communications in Wireless Ad Hoc Networks. International Journal of Distributed Sensor Networks, 2013, 9, 376028.	2.2	1
285	Stability and Delay Analysis for Cooperative Relaying with Multi-access Transmission. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 123-134.	0.3	4
286	Autonomous Spectrum Sharing by Well-Designed Games. , 2017, , 1-50.		0
287	Joint Optimal Power Allocation and Pre-Coding Design in MU-MIMO Network. Hans Journal of Wireless Communications, 2018, 08, 198-208.	0.0	0
289	Age-Oriented Opportunistic Relaying in Cooperative Status Update Systems with Stochastic Arrivals. , 2020, , .		6
290	Cognitive MIMO Radio. , 0, , 367-386.		0
291	Copula based analysis of impact of wireless channels correlation on the physical layer security performances in a wireless wiretap channel with artificial noise. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	1
293	A Novel Deadline-/Interference-Aware Cooperative Data Transmission Scheduling Scheme for Optimizing Aol in Wireless Networks. IEEE Transactions on Vehicular Technology, 2023, 72, 6532-6546.	6.3	0
294	Cooperative Resource Allocation in Heterogeneous Space-Based Networks. Wireless Networks, 2023, , 45-85.	0.5	0
295	Packet Timeout Probability for Cognitive Cooperative Radio Network under Security Constraint. , 2023, , .		0