

Dinh-Thuan Do

List of Publications by Year in descending order

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174
papers

2,348
citations

159585

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177
all docs

177
docs citations

177
times ranked

1045
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of Clustering Car-Following V2X System With Wireless Power Transfer and Massive Connections. IEEE Internet of Things Journal, 2022, 9, 14610-14628.	8.7	34
2	Securing Heterogeneous IoT With Intelligent DDoS Attack Behavior Learning. IEEE Systems Journal, 2022, 16, 1974-1983.	4.6	23
3	Reconfigurable Intelligent Surface (RIS)-Assisted Wireless Systems: Potentials for 6G and a Case Study. Lecture Notes in Electrical Engineering, 2022, , 367-378.	0.4	0
4	Physical layer security for Internet of Things via reconfigurable intelligent surface. Future Generation Computer Systems, 2022, 126, 330-339.	7.5	19
5	Joint Design of Improved Spectrum and Energy Efficiency With Backscatter NOMA for IoT. IEEE Access, 2022, 10, 7504-7519.	4.2	11
6	Reconfigurable intelligent surfaces assisted wireless communication networks: ergodic capacity and symbol error rate. Indonesian Journal of Electrical Engineering and Computer Science, 2022, 25, 358.	0.8	0
7	Outage probability computation in multi-backscatter systems with multi-modes of operation. Bulletin of Electrical Engineering and Informatics, 2022, 11, 239-247.	0.8	0
8	Performance Analysis and Optimization for IoT Mobile Edge Computing Networks With RF Energy Harvesting and UAV Relaying. IEEE Access, 2022, 10, 21526-21540.	4.2	10
9	UAV-Assisted RIS for Future Wireless Communications: A Survey on Optimization and Performance Analysis. IEEE Access, 2022, 10, 16320-16336.	4.2	32
10	Secrecy communications of intelligent reflecting surfaces aided NOMA networks. Physical Communication, 2022, 52, 101691.	2.1	0
11	Ergodic capacity of internet of thingsâ€™ devices in presence of channel state information imperfection. Bulletin of Electrical Engineering and Informatics, 2022, 11, 838-845.	0.8	0
12	Hardware impairments aware full-duplex non-orthogonal multiple access networks over Nakagami-m channels. Bulletin of Electrical Engineering and Informatics, 2022, 11, 846-853.	0.8	0
13	Splitting Energy of Transmit Power Serving Grouping Users in Full-Duplex Networks under Imperfect Hardware. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	1.2	0
14	Computation Offloading and Resource Allocation in MEC-Enabled Integrated Aerial-Terrestrial Vehicular Networks: A Reinforcement Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21478-21491.	8.0	36
15	UAV-assisted underlay CR-NOMA network: performance analysis. Bulletin of Electrical Engineering and Informatics, 2022, 11, 2079-2087.	0.8	1
16	Empowering secure transmission for downlink of multiple access system relying non-orthogonal signal multiplexing. Bulletin of Electrical Engineering and Informatics, 2022, 11, 2088-2095.	0.8	0
17	Implementation of a Non-orthogonal Multiple Access Scheme Under Practical Impairments. Springer Series in Wireless Technology, 2021, , 107-127.	1.1	2
18	Opportunistic user selection schemes for energy harvesting-aware cooperative NOMA. Physical Communication, 2021, 44, 101258.	2.1	3

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19	Joint Optimization of UAV 3-D Placement and Path-Loss Factor for Energy-Efficient Maximal Coverage. IEEE Internet of Things Journal, 2021, 8, 9776-9786.	8.7	59
20	New Look on Device to Device NOMA Systems: with and Without Wireless Power Transfer Modes. Wireless Personal Communications, 2021, 116, 2485-2500.	2.7	5
21	Secure performance of emerging wireless sensor networks relying nonorthogonal multiple access. , 2021, , 29-41.		0
22	A Framework of Uplink-Downlink NOMA Protocol for Multiple Access in IoT-Oriented Networks. Journal of Communications, 2021, , 236-241.	1.6	6
23	Enabling Full-duplex in MEC Networks Using Uplink NOMA in Presence of Hardware Impairments. Wireless Personal Communications, 2021, 120, 1945-1973.	2.7	2
24	Enabling User Grouping and Fixed Power Allocation Scheme for Reconfigurable Intelligent Surfaces-Aided Wireless Systems. IEEE Access, 2021, 9, 92263-92275.	4.2	18
25	Enhancing Spectrum Efficiency for Multiple Users in Hybrid Satellite-Terrestrial Networks. IEEE Access, 2021, 9, 50291-50300.	4.2	5
26	Enabling NOMA in Overlay Spectrum Sharing in Hybrid Satellite-Terrestrial Systems. IEEE Access, 2021, 9, 56616-56629.	4.2	14
27	Exploiting Secrecy Performance of Uplink NOMA in Cellular Networks. IEEE Access, 2021, 9, 95135-95154.	4.2	6
28	Enabling NOMA in Backscatter Reconfigurable Intelligent Surfaces-Aided Systems. IEEE Access, 2021, 9, 33782-33795.	4.2	25
29	Reconfigurable Intelligent Surface Aided Multi-User Communications: State-of-the-Art Techniques and Open Issues. IEEE Access, 2021, 9, 118584-118605.	4.2	31
30	User Grouping and Energy Harvesting in UAV-NOMA System With AF/DF Relaying. IEEE Transactions on Vehicular Technology, 2021, 70, 11855-11868.	6.3	39
31	Secrecy Outage Probability of Relay Selection Based Cooperative NOMA for IoT Networks. IEEE Access, 2021, 9, 1655-1665.	4.2	16
32	System Performance Analysis in Cognitive Radio-Aided NOMA Network: An Application to Vehicle-to-Everything Communications. Wireless Personal Communications, 2021, 120, 1975-2000.	2.7	5
33	The Sky is the Edge – Toward Mobile Coverage From the Sky. IEEE Internet Computing, 2021, 25, 101-108.	3.3	11
34	Cognitive IoT relaying NOMA networks with user clustering and imperfect SIC. Peer-to-Peer Networking and Applications, 2021, 14, 3170-3180.	3.9	5
35	Reconfigurable Intelligent Surfaces based Cognitive Radio Networks. , 2021, , .		14
36	CR-NOMA Networks over Nakagami- m Fading: CSI Imperfection Perspective. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	1

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37	New look on relay selection strategies for full-duplex multiple-relay NOMA over Nakagami-m fading channels. <i>Wireless Networks</i> , 2021, 27, 3827-3843.	3.0	3
38	Exploiting Impacts of Antenna Selection and Energy Harvesting for Massive Network Connectivity. <i>IEEE Transactions on Communications</i> , 2021, 69, 7587-7602.	7.8	18
39	UAV Based Satellite-Terrestrial Systems With Hardware Impairment and Imperfect SIC: Performance Analysis of User Pairs. <i>IEEE Access</i> , 2021, 9, 117925-117937.	4.2	4
40	Outage Performance Analysis of Full-Duplex Assisted Non-Orthogonal Multiple Access with Bidirectional Relaying Mode. <i>International Journal of Communication Networks and Distributed Systems</i> , 2021, 26, 1.	0.4	0
41	RIS-Aided Physical Layer Security With Full-Duplex Jamming in Underlay D2D Networks. <i>IEEE Access</i> , 2021, 9, 99667-99679.	4.2	40
42	Outage performance of downlink NOMA-aided small cell network with wireless power transfer. <i>Bulletin of Electrical Engineering and Informatics</i> , 2021, 10, 2686-2695.	0.8	0
43	Exploiting Full-duplex and Fixed Power Allocation Approaches for Dual-hop Transmission in Downlink NOMA. <i>Advances in Electrical and Electronic Engineering</i> , 2021, 19, .	0.3	0
44	Secure Cognitive Radio-Enabled Vehicular Communications under Spectrum-Sharing Constraints. <i>Sensors</i> , 2021, 21, 7160.	3.8	1
45	Enabling Device-to-Device Transmission for NOMA-Aided Systems. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-10.	1.2	0
46	Electromagnetic Nanocommunication Networks: Principles, Applications, and Challenges. <i>IEEE Access</i> , 2021, 9, 166147-166165.	4.2	5
47	Exact secure outage probability performance of uplinkdownlink multiple access network under imperfect CSI. <i>Bulletin of Electrical Engineering and Informatics</i> , 2021, 10, 3274-3281.	0.8	0
48	Secure Performance Analysis of RIS-aided Wireless Communication Systems. , 2021, , .		5
49	Improving Performance of User Pair Using Reconfigurable Intelligent Surfaces. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-12.	1.2	0
50	Power Beacon-Based Wireless Power Transfer in MISO/SISO: An Application in Device-to-Device Networks. <i>Wireless Personal Communications</i> , 2020, 110, 381-402.	2.7	2
51	Exploiting performance of two-way non-orthogonal multiple access networks: Joint impact of co-channel interference, full-duplex/half-duplex mode and SIC receiver. <i>Ad Hoc Networks</i> , 2020, 97, 102032.	5.5	6
52	Evaluating secrecy performance of cooperative NOMA networks under existence of relay link and direct link. <i>International Journal of Communication Systems</i> , 2020, 33, e4284.	2.5	6
53	Exploiting System Performance in AF non-orthogonal multiple access network under impacts of imperfect SIC and imperfect hardware. <i>Physical Communication</i> , 2020, 38, 100912.	2.1	3
54	Transmit Antenna Selection Schemes for NOMA with Randomly Moving Interferers in Interference-Limited Environment. <i>Electronics (Switzerland)</i> , 2020, 9, 36.	3.1	4

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55	Power allocation scheme for maximizing spectral efficiency and energy efficiency tradeoff for uplink NOMA systems in B5G/6G. <i>Physical Communication</i> , 2020, 43, 101227.	2.1	22
56	Performance Analysis of Dual-Hop Mixed FSO/mmWave Systems. , 2020, , .		1
57	Performance Evaluation of Relay-Aided CR-NOMA for Beyond 5G Communications. <i>IEEE Access</i> , 2020, 8, 134838-134855.	4.2	49
58	Exploiting hybrid decode-and-forward “amplify-and-forward in NOMA: an application to device-to-device networks. <i>International Journal of Communication Networks and Distributed Systems</i> , 2020, 25, 145.	0.4	2
59	Wireless energy-aware non-orthogonal multiple access network under full-duplex mode: performance analysis. <i>International Journal of Communication Networks and Distributed Systems</i> , 2020, 25, 164.	0.4	1
60	Cooperative NOMA: device-to-device mode and outage performance analysis. <i>International Journal of Sensor Networks</i> , 2020, 33, 25.	0.4	0
61	Joint Full-Duplex and Roadside Unit Selection for NOMA-Enabled V2X Communications: Ergodic Rate Performance. <i>IEEE Access</i> , 2020, 8, 140348-140360.	4.2	16
62	Enabling Multiple Power Beacons for Uplink of NOMA-Enabled Mobile Edge Computing in Wirelessly Powered IoT. <i>IEEE Access</i> , 2020, 8, 148892-148905.	4.2	51
63	Joint Impacts of Imperfect CSI and Imperfect SIC in Cognitive Radio-Assisted NOMA-V2X Communications. <i>IEEE Access</i> , 2020, 8, 128629-128645.	4.2	63
64	Joint of full-duplex relay, non-linear energy harvesting and multiple access in performance improvement of cell-edge user in heterogeneous networks. <i>Wireless Networks</i> , 2020, 26, 6253-6266.	3.0	1
65	Enabling Full-Duplex and Energy Harvesting in Uplink and Downlink of Small-Cell Network Relying on Power Domain Based Multiple Access. <i>IEEE Access</i> , 2020, 8, 142772-142784.	4.2	24
66	Throughput Analysis of Multipair Two-Way Replaying Networks With NOMA and Imperfect CSI. <i>IEEE Access</i> , 2020, 8, 128942-128953.	4.2	25
67	On Performance Analysis of NOMA-Aided Hybrid Satellite Terrestrial Relay With Application in Small-Cell Network. <i>IEEE Access</i> , 2020, 8, 188526-188537.	4.2	8
68	UAV Relaying Enabled NOMA Network With Hybrid Duplexing and Multiple Antennas. <i>IEEE Access</i> , 2020, 8, 186993-187007.	4.2	33
69	Uplink and Downlink NOMA Transmission Using Full-Duplex UAV. <i>IEEE Access</i> , 2020, 8, 164347-164364.	4.2	32
70	Hybrid Satellite-Terrestrial Relay Network: Proposed Model and Application of Power Splitting Multiple Access. <i>Sensors</i> , 2020, 20, 4296.	3.8	5
71	Performance analysis of multi-user NOMA over shadowed fading. <i>Electronics Letters</i> , 2020, 56, 771-773.	1.0	9
72	Joint User Grouping and Decoding Order in Uplink/Downlink MISO/SIMO-NOMA. <i>IEEE Access</i> , 2020, 8, 143632-143643.	4.2	9

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73	Outage Performance Analysis of Reconfigurable Intelligent Surfaces-Aided NOMA Under Presence of Hardware Impairment. IEEE Access, 2020, 8, 212156-212165.	4.2	69
74	Joint Relay Selection, Full-Duplex and Device-to-Device Transmission in Wireless Powered NOMA Networks. IEEE Access, 2020, 8, 82442-82460.	4.2	33
75	NOMA in Cooperative Underlay Cognitive Radio Networks Under Imperfect SIC. IEEE Access, 2020, 8, 86180-86195.	4.2	94
76	Exact outage performance of small-cell network relying device-to-device and non-orthogonal multiple access under perfect and imperfect CSI. Wireless Networks, 2020, 26, 5133-5149.	3.0	0
77	Physical Layer Security of Cooperative NOMA for IoT Networks Under I/Q Imbalance. IEEE Access, 2020, 8, 51189-51199.	4.2	38
78	Cognitive Radio-Assisted NOMA Broadcasting for 5G Cellular V2X Communications: Model of Roadside Unit Selection and SWIPT. Sensors, 2020, 20, 1786.	3.8	6
79	Performance Analysis of Cognitive Relay-Assisted Ambient Backscatter with MRC over Nakagami-m Fading Channels. Sensors, 2020, 20, 3447.	3.8	1
80	A Unified Framework for HS-UAV NOMA Networks: Performance Analysis and Location Optimization. IEEE Access, 2020, 8, 13329-13340.	4.2	58
81	WRSNs: Toward an Efficient Scheduling for Mobile Chargers. IEEE Sensors Journal, 2020, 20, 6753-6761.	4.7	54
82	Two-Way Transmission for Low-Latency and High-Reliability 5G Cellular V2X Communications. Sensors, 2020, 20, 386.	3.8	14
83	Reliable and Secure Transmission in Multiple Antennas Hybrid Satellite-Terrestrial Cognitive Networks Relying on NOMA. IEEE Access, 2020, 8, 215044-215056.	4.2	13
84	Secrecy Performance of Cooperative Cognitive AF Relaying Networks With Direct Links Over Mixed Rayleigh and Double-Rayleigh Fading Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 15095-15112.	6.3	29
85	Exploiting Hybrid Decode-and-Forward - Amplify-and-Forward in NOMA: An application to Device-To-Device Networks. International Journal of Communication Networks and Distributed Systems, 2020, 25, 1.	0.4	1
86	Enabling Wireless Power Transfer and Multiple Antennas Selection to IoT Network Relying on NOMA. Elektronika Ir Elektrotehnika, 2020, 26, 59-65.	0.8	3
87	Wireless Energy-Aware Non-orthogonal multiple access Network under Full-duplex Mode: Performance Analysis. International Journal of Communication Networks and Distributed Systems, 2020, 25, 1.	0.4	0
88	Power Domain Based Multiple Access for IoT Deployment: Two-Way Transmission Mode and Performance Analysis. Internet of Things, 2020, , 241-258.	1.7	0
89	Relay Selection-aware Non-orthogonal Multiple Access Networks: Direct and Relaying Mode. Recent Advances in Electrical and Electronic Engineering, 2020, 13, 348-354.	0.3	0
90	Performance Analysis of Downlink Non-Orthogonal Multiple Access under Imperfect CSI in Dense Network: A Stochastic Geometry Approach. Advances in Electrical and Electronic Engineering, 2020, 18, .	0.3	0

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91	MISO assisted multiple access by removing orthogonal: enabling D2D transmission and performance analysis. International Journal of Information and Communication Technology, 2020, 17, 364.	0.1	0
92	Cooperative NOMA: device-to-device mode and outage performance analysis. International Journal of Sensor Networks, 2020, 33, 25.	0.4	0
93	On Secure Cognitive Radio Networks with NOMA: Design of Multiple-Antenna and Performance Analysis. , 2020, , .		1
94	Joint evaluation of imperfect SIC and fixed power allocation scheme for wireless powered D2D-NOMA networks with multiple antennas at base station. Wireless Networks, 2019, 25, 5069-5081.	3.0	6
95	Cognitive Radio Assisted Non-Orthogonal Multiple Access: Outage Performance. , 2019, , .		4
96	Exploiting secure performance in power domain-based multiple access: Impacts of relay link/direct link and secure analysis. International Journal of Communication Systems, 2019, 32, e4110.	2.5	3
97	NOMA based cognitive relaying: Transceiver hardware impairments, relay selection policies and outage performance comparison. Computer Communications, 2019, 146, 144-154.	5.1	72
98	Enabling Non-Linear Energy Harvesting in Power Domain Based Multiple Access in Relaying Networks: Outage and Ergodic Capacity Performance Analysis. Electronics (Switzerland), 2019, 8, 817.	3.1	5
99	On Performance Analysis of Underlay Cognitive Radio-Aware Hybrid OMA/NOMA Networks with Imperfect CSI. Electronics (Switzerland), 2019, 8, 819.	3.1	39
100	On Exact Outage and Throughput Performance of Cognitive Radio based Non-Orthogonal Multiple Access Networks With and Without D2D Link. Sensors, 2019, 19, 3314.	3.8	26
101	Outage performance of backscatter NOMA relaying systems equipping with multiple antennas. Electronics Letters, 2019, 55, 1066-1067.	1.0	17
102	Outage probability and ergodic capacity analysis of uplink NOMA cellular network with and without interference from D2D pair. Physical Communication, 2019, 37, 100898.	2.1	7
103	Improving Spectrum Efficiency in D2D- Assisted Cognitive Radio Networks: Application of NOMA and Performance Analysis. , 2019, , .		2
104	Exploiting Performance Of Miso Based Non-Orthogonal Multiple Access. , 2019, , .		0
105	Exploiting Joint Base Station Equipped Multiple Antenna and Full-Duplex D2D Users in Power Domain Division Based Multiple Access Networks. Sensors, 2019, 19, 2475.	3.8	19
106	Impact of fixed power allocation in wireless energy harvesting NOMA networks. International Journal of Communication Systems, 2019, 32, e4016.	2.5	9
107	Impacts of imperfect SIC and imperfect hardware in performance analysis on AF non-orthogonal multiple access network. Telecommunication Systems, 2019, 72, 579-593.	2.5	23
108	Improving Performance of Far Users in Cognitive Radio: Exploiting NOMA and Wireless Power Transfer. Energies, 2019, 12, 2206.	3.1	4

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109	Optimal Energy Harvesting Strategy in Relaying Networks: Dynamic Allocation Scheme and Performance Analysis. <i>Wireless Personal Communications</i> , 2019, 108, 1097-1111.	2.7	1
110	Wireless-Powered Cooperative MIMO NOMA Networks: Design and Performance Improvement for Cell-Edge Users. <i>Electronics (Switzerland)</i> , 2019, 8, 328.	3.1	11
111	Exploiting Impact of Hardware Impairments in NOMA: Adaptive Transmission Mode in FD/HD and Application in Internet-of-Things. <i>Sensors</i> , 2019, 19, 1293.	3.8	9
112	Device-to-device transmission modes in NOMA network with and without Wireless Power Transfer. <i>Computer Communications</i> , 2019, 139, 67-77.	5.1	62
113	System Performance of Cooperative NOMA with Full-Duplex Relay over Nakagami- m Fading Channels. <i>Mobile Information Systems</i> , 2019, 2019, 1-12.	0.6	12
114	Impact of Untrusted Relay on Physical Layer Security in Non-Orthogonal Multiple Access Networks. <i>Wireless Personal Communications</i> , 2019, 106, 1353-1372.	2.7	2
115	NOMA-Assisted Multiple Access Scheme for IoT Deployment: Relay Selection Model and Secrecy Performance Improvement. <i>Sensors</i> , 2019, 19, 736.	3.8	49
116	Robust Transmit Antenna Design for Performance Improvement of Cell-Edge Users: Approach of NOMA and Outage/Ergodic Capacity Analysis. <i>Sensors</i> , 2019, 19, 4907.	3.8	7
117	Outage Performance Improvement by Selected User in D2D Transmission and Implementation of Cognitive Radio-Assisted NOMA. <i>Sensors</i> , 2019, 19, 4840.	3.8	5
118	Fixed Power Allocation for Outage Performance Analysis on AF-assisted Cooperative NOMA. <i>Journal of Communications</i> , 2019, , 560-565.	1.6	11
119	Non-Orthogonal Multiple Access Networks: Relay Selection and Performance Comparison. <i>Journal of Communications</i> , 2019, , 448-454.	1.6	1
120	Exploring Secrecy Outage Probability of AF-NOMA and AF-OMA Networks. <i>Journal of Communications</i> , 2019, , 538-543.	1.6	3
121	Outage Performance Analysis of Cell-Center/Edge Users Under Two Policies of Energy Harvesting. <i>Elektronika Ir Elektrotehnika</i> , 2019, 25, 75-80.	0.8	1
122	On the Outage Probability of Device-to-Device Communication Enabled NOMA. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 629-635.	0.6	0
123	Bidirectional Communication in Full Duplex Wireless-Powered Relaying Networks: Time-Switching Protocol and Performance Analysis. <i>Wireless Personal Communications</i> , 2018, 98, 879-896.	2.7	4
124	Wireless Powered Cooperative Relaying Using NOMA with Imperfect CSI. , 2018, , .		36
125	Exploiting Impacts of Intercell Interference on SWIPT-Assisted Non-Orthogonal Multiple Access. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-12.	1.2	30
126	Application of NOMA in Wireless System with Wireless Power Transfer Scheme: Outage and Ergodic Capacity Performance Analysis. <i>Sensors</i> , 2018, 18, 3501.	3.8	49

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127	Power allocation schemes for wireless powered NOMA systems with imperfect CSI: An application in multiple antenna-based relay. <i>International Journal of Communication Systems</i> , 2018, 31, e3789.	2.5	43
128	Device-to-Device Network with MISO Scheme for Wireless Power Transfer: Outage Performance Analysis. , 2018, , .		2
129	Design and Application for Reliable Cooperative Networks. , 2018, , 81-100.		0
130	Energy harvesting assisted cognitive radio: random location-based transceivers scheme and performance analysis. <i>Telecommunication Systems</i> , 2018, 67, 123-132.	2.5	13
131	On Outage Probability and Throughput Performance of Cognitive Radio Inspired NOMA Relay System. <i>Advances in Electrical and Electronic Engineering</i> , 2018, 16, .	0.3	6
132	Exploiting Secure Performance of Full-Duplex Decode and Forward in Optimal Relay Selection Networks. <i>Elektronika Ir Elektrotehnika</i> , 2018, 24, .	0.8	2
133	Power Beacon-Assisted Relaying Scheme for Cellular Networks: System Model and Performance Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 620-628.	0.6	0
134	Performance Analysis of Wireless Powered Cognitive Radio Networks. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 554-562.	0.6	0
135	Enabling D2D Transmission Mode in Cellular Networks: Instantaneous Rate Consideration. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 547-553.	0.6	0
136	Performance Analysis of Device-To-Device Communication Using AF Relaying Under Impact of Co-channel Interferences. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 636-644.	0.6	0
137	Enabling D2D Transmission Mode with Energy Harvesting and Information Transfer in Heterogeneous Networks. <i>Advances in Electrical and Electronic Engineering</i> , 2018, 16, .	0.3	3
138	Secure wireless powered relaying networks: Energy harvesting policies and performance analysis. <i>International Journal of Communication Systems</i> , 2017, 30, e3369.	2.5	8
139	Maximum harvested energy policy in full-duplex relaying networks with SWIPT. <i>International Journal of Communication Systems</i> , 2017, 30, e3359.	2.5	32
140	Wireless powered underlay cognitive radio network with multiple primary transceivers: Energy constraint, node arrangement, and performance analysis. <i>International Journal of Communication Systems</i> , 2017, 30, e3372.	2.5	5
141	Self-Powered Wireless Two-Way Relaying Networks: Model and Throughput Performance with Three Practical Schemes. <i>Wireless Personal Communications</i> , 2017, 97, 613-631.	2.7	3
142	Exploiting hybrid time switching-based and power splitting-based relaying protocol in wireless powered communication networks with outdated channel state information. <i>Automatika</i> , 2017, 58, 111-118.	2.0	24
143	A new look at AF two-way relaying networks: energy harvesting architecture and impact of co-channel interference. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2017, 72, 669-678.	2.5	26
144	Optimal power allocation and throughput performance of full-duplex DF relaying networks with wireless power transfer-aware channel. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017, 2017, .	2.4	36

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145	Wireless Powered Relaying Networks Under Imperfect Channel State Information: System Performance and Optimal Policy for Instantaneous Rate. <i>Radioengineering</i> , 2017, 26, 869-877.	0.6	37
146	An Adaptive-Harvest-Then-Transmit Protocol for Wireless Powered Communications: Multiple Antennas System and Performance Analysis. <i>KSII Transactions on Internet and Information Systems</i> , 2017, 11, .	0.3	0
147	A tractable approach to analyzing the energy-aware two-way relaying networks in the presence of co-channel interference. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016, 2016, .	2.4	20
148	A straightforward method to evaluate the energy aware two-way relaying networks under effect of co-channel interference. , 2016, , .		0
149	Two-way relay networks with energy harvesting and information transfer: Throughput performance with distance allocation. , 2016, , .		1
150	Impact of hardware impairments in AF relaying network for WIPT: TSR and performance analysis. , 2016, , .		4
151	Energy harvesting in amplify-and-forward relaying systems with interference at the relay. , 2016, , 153-158.		1
152	Two-way relaying networks in green communications for 5G: Optimal throughput and tradeoff between relay distance on power splitting-based and time switching-based relaying SWIPT. <i>AEU - International Journal of Electronics and Communications</i> , 2016, 70, 1637-1644.	2.9	28
153	Imperfect channel state information of AF and DF energy harvesting cooperative networks. <i>China Communications</i> , 2016, 13, 11-19.	3.2	42
154	Energy-aware two-way relaying networks under imperfect hardware: optimal throughput design and analysis. <i>Telecommunication Systems</i> , 2016, 62, 449-459.	2.5	35
155	Optimal Throughput Under Time Power Switching Based Relaying Protocol in Energy Harvesting Cooperative Networks. <i>Wireless Personal Communications</i> , 2016, 87, 551-564.	2.7	37
156	Android application for WiFi based indoor position: System design and performance analysis. , 2016, , .		14
157	Wireless Information and Power Transfer for Full Duplex Relaying Networks: Performance Analysis. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 53-62.	0.4	17
158	Time Switching for Wireless Communications with Full-Duplex Relaying in Imperfect CSI Condition. <i>KSII Transactions on Internet and Information Systems</i> , 2016, 10, .	0.3	7
159	A stochastic model for performance analysis of powered wireless networks. , 2016, , 145-152.		0
160	An Instantaneous Transmission Mode Analysis in Energy Harvesting for Half-Duplex and Full-Duplex Relaying Network. <i>International Journal of Grid and Distributed Computing</i> , 2016, 9, 11-20.	0.8	1
161	Advanced protocol for wireless information and power transfer in full duplex DF relaying networks. , 2016, , 133-138.		0
162	Time Power Switching Based Relaying Protocol in Energy Harvesting Mobile Node: Optimal Throughput Analysis. <i>Mobile Information Systems</i> , 2015, 2015, 1-8.	0.6	20

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163	Power Switching Protocol for Two-way Relaying Network under Hardware Impairments. Radioengineering, 2015, 24, 765-771.	0.6	35
164	Design of energy harvesting protocol for relay mobile node in WLAN. , 2015, , .		2
165	A study on AF two-way relaying networks with imperfect channel estimation. , 2014, , .		0
166	Hybrid scheme for PAPR reduction technique in WiMAX OFDMA. , 2011, , .		0
167	A new training sequence for secure channel estimation in MIMO systems. , 2010, , .		0
168	A new semi-blind channel estimation in MIMO using second order statistics. , 2010, , .		0
169	New orthogonal pilot scheme for semi-blind channel estimation in MIMO Systems. , 2010, , .		0
170	Performance of subspace based semi-blind channel estimation in MIMO systems. , 2010, , .		1
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