

# Dinh-Thuan Do

## List of Publications by Year in descending order

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174  
papers

2,348  
citations

159585

30  
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289244

40  
g-index

177  
all docs

177  
docs citations

177  
times ranked

1045  
citing authors

#	ARTICLE	IF	CITATIONS
1	NOMA in Cooperative Underlay Cognitive Radio Networks Under Imperfect SIC. IEEE Access, 2020, 8, 86180-86195.	4.2	94
2	NOMA based cognitive relaying: Transceiver hardware impairments, relay selection policies and outage performance comparison. Computer Communications, 2019, 146, 144-154.	5.1	72
3	Outage Performance Analysis of Reconfigurable Intelligent Surfaces-Aided NOMA Under Presence of Hardware Impairment. IEEE Access, 2020, 8, 212156-212165.	4.2	69
4	Joint Impacts of Imperfect CSI and Imperfect SIC in Cognitive Radio-Assisted NOMA-V2X Communications. IEEE Access, 2020, 8, 128629-128645.	4.2	63
5	Device-to-device transmission modes in NOMA network with and without Wireless Power Transfer. Computer Communications, 2019, 139, 67-77.	5.1	62
6	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
7	A Unified Framework for HS-UAV NOMA Networks: Performance Analysis and Location Optimization. IEEE Access, 2020, 8, 13329-13340.	4.2	58
8	WRSNs: Toward an Efficient Scheduling for Mobile Chargers. IEEE Sensors Journal, 2020, 20, 6753-6761.	4.7	54
9	Enabling Multiple Power Beacons for Uplink of NOMA-Enabled Mobile Edge Computing in Wirelessly Powered IoT. IEEE Access, 2020, 8, 148892-148905.	4.2	51
10	Application of NOMA in Wireless System with Wireless Power Transfer Scheme: Outage and Ergodic Capacity Performance Analysis. Sensors, 2018, 18, 3501.	3.8	49
11	NOMA-Assisted Multiple Access Scheme for IoT Deployment: Relay Selection Model and Secrecy Performance Improvement. Sensors, 2019, 19, 736.	3.8	49
12	Performance Evaluation of Relay-Aided CR-NOMA for Beyond 5G Communications. IEEE Access, 2020, 8, 134838-134855.	4.2	49
13	Power allocation schemes for wireless powered NOMA systems with imperfect CSI: An application in multiple antenna-based relay. International Journal of Communication Systems, 2018, 31, e3789.	2.5	43
14	Imperfect channel state information of AF and DF energy harvesting cooperative networks. China Communications, 2016, 13, 11-19.	3.2	42
15	RIS-Aided Physical Layer Security With Full-Duplex Jamming in Underlay D2D Networks. IEEE Access, 2021, 9, 99667-99679.	4.2	40
16	On Performance Analysis of Underlay Cognitive Radio-Aware Hybrid OMA/NOMA Networks with Imperfect CSI. Electronics (Switzerland), 2019, 8, 819.	3.1	39
17	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
18	Physical Layer Security of Cooperative NOMA for IoT Networks Under I/Q Imbalance. IEEE Access, 2020, 8, 51189-51199.	4.2	38

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Wireless Powered Cooperative Relaying Using NOMA with Imperfect CSI. , 2018, , .		36
23	Computation Offloading and Resource Allocation in MEC-Enabled Integrated Aerial-Terrestrial Vehicular Networks: A Reinforcement Learning Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 21478-21491.	8.0	36
24	Power Switching Protocol for Two-way Relaying Network under Hardware Impairments. <i>Radioengineering</i> , 2015, 24, 765-771.	0.6	35
25	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
26	Performance Analysis of Clustering Car-Following V2X System With Wireless Power Transfer and Massive Connections. <i>IEEE Internet of Things Journal</i> , 2022, 9, 14610-14628.	8.7	34
27	UAV Relaying Enabled NOMA Network With Hybrid Duplexing and Multiple Antennas. <i>IEEE Access</i> , 2020, 8, 186993-187007.	4.2	33
28	Joint Relay Selection, Full-Duplex and Device-to-Device Transmission in Wireless Powered NOMA Networks. <i>IEEE Access</i> , 2020, 8, 82442-82460.	4.2	33
29	Maximum harvested energy policy in full-duplex relaying networks with SWIPT. <i>International Journal of Communication Systems</i> , 2017, 30, e3359.	2.5	32
30	Uplink and Downlink NOMA Transmission Using Full-Duplex UAV. <i>IEEE Access</i> , 2020, 8, 164347-164364.	4.2	32
31	UAV-Assisted RIS for Future Wireless Communications: A Survey on Optimization and Performance Analysis. <i>IEEE Access</i> , 2022, 10, 16320-16336.	4.2	32
32	Reconfigurable Intelligent Surface Aided Multi-User Communications: State-of-the-Art Techniques and Open Issues. <i>IEEE Access</i> , 2021, 9, 118584-118605.	4.2	31
33	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
34	Secrecy Performance of Cooperative Cognitive AF Relaying Networks With Direct Links Over Mixed Rayleigh and Double-Rayleigh Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 15095-15112.	6.3	29
35	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
36	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

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37	On Exact Outage and Throughput Performance of Cognitive Radio based Non-Orthogonal Multiple Access Networks With and Without D2D Link. <i>Sensors</i> , 2019, 19, 3314.	3.8	26
38	Throughput Analysis of Multipair Two-Way Relaying Networks With NOMA and Imperfect CSI. <i>IEEE Access</i> , 2020, 8, 128942-128953.	4.2	25
39	Enabling NOMA in Backscatter Reconfigurable Intelligent Surfaces-Aided Systems. <i>IEEE Access</i> , 2021, 9, 33782-33795.	4.2	25
40	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
41	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
42	Impacts of imperfect SIC and imperfect hardware in performance analysis on AF non-orthogonal multiple access network. <i>Telecommunication Systems</i> , 2019, 72, 579-593.	2.5	23
43	Securing Heterogeneous IoT With Intelligent DDoS Attack Behavior Learning. <i>IEEE Systems Journal</i> , 2022, 16, 1974-1983.	4.6	23
44	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
45	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
46	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
47	Exploiting Joint Base Station Equipped Multiple Antenna and Full-Duplex D2D Users in Power Domain Division Based Multiple Access Networks. <i>Sensors</i> , 2019, 19, 2475.	3.8	19
48	Physical layer security for Internet of Things via reconfigurable intelligent surface. <i>Future Generation Computer Systems</i> , 2022, 126, 330-339.	7.5	19
49	Enabling User Grouping and Fixed Power Allocation Scheme for Reconfigurable Intelligent Surfaces-Aided Wireless Systems. <i>IEEE Access</i> , 2021, 9, 92263-92275.	4.2	18
50	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
51	Outage performance of backscatter NOMA relaying systems equipping with multiple antennas. <i>Electronics Letters</i> , 2019, 55, 1066-1067.	1.0	17
52	Tracking vital signs of a patient using channel state information and machine learning for a smart healthcare system. <i>Neural Computing and Applications</i> , 0, , 1.	5.6	17
53	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
54	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

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55	Secrecy Outage Probability of Relay Selection Based Cooperative NOMA for IoT Networks. IEEE Access, 2021, 9, 1655-1665.	4.2	16
56	Android application for WiFi based indoor position: System design and performance analysis. , 2016, , .		14
57	Two-Way Transmission for Low-Latency and High-Reliability 5G Cellular V2X Communications. Sensors, 2020, 20, 386.	3.8	14
58	Enabling NOMA in Overlay Spectrum Sharing in Hybrid Satellite-Terrestrial Systems. IEEE Access, 2021, 9, 56616-56629.	4.2	14
59	Reconfigurable Intelligent Surfaces based Cognitive Radio Networks. , 2021, , .		14
60	Energy harvesting assisted cognitive radio: random location-based transceivers scheme and performance analysis. Telecommunication Systems, 2018, 67, 123-132.	2.5	13
61	Reliable and Secure Transmission in Multiple Antennas Hybrid Satellite-Terrestrial Cognitive Networks Relying on NOMA. IEEE Access, 2020, 8, 215044-215056.	4.2	13
62	System Performance of Cooperative NOMA with Full-Duplex Relay over Nakagami- $m$ Fading Channels. Mobile Information Systems, 2019, 2019, 1-12.	0.6	12
63	Wireless-Powered Cooperative MIMO NOMA Networks: Design and Performance Improvement for Cell-Edge Users. Electronics (Switzerland), 2019, 8, 328.	3.1	11
64	The Sky is the Edge—Toward Mobile Coverage From the Sky. IEEE Internet Computing, 2021, 25, 101-108.	3.3	11
65	Fixed Power Allocation for Outage Performance Analysis on AF-assisted Cooperative NOMA. Journal of Communications, 2019, , 560-565.	1.6	11
66	Joint Design of Improved Spectrum and Energy Efficiency With Backscatter NOMA for IoT. IEEE Access, 2022, 10, 7504-7519.	4.2	11
67	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
68	Impact of fixed power allocation in wireless energy harvesting NOMA networks. International Journal of Communication Systems, 2019, 32, e4016.	2.5	9
69	Exploiting Impact of Hardware Impairments in NOMA: Adaptive Transmission Mode in FD/HD and Application in Internet-of-Things. Sensors, 2019, 19, 1293.	3.8	9
70	Performance analysis of multi-user NOMA over shadowed fading. Electronics Letters, 2020, 56, 771-773.	1.0	9
71	Joint User Grouping and Decoding Order in Uplink/Downlink MISO/SIMO-NOMA. IEEE Access, 2020, 8, 143632-143643.	4.2	9
72	Secure wireless powered relaying networks: Energy harvesting policies and performance analysis. International Journal of Communication Systems, 2017, 30, e3369.	2.5	8

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73	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
74	Outage probability and ergodic capacity analysis of uplink NOMA cellular network with and without interference from D2D pair. <i>Physical Communication</i> , 2019, 37, 100898.	2.1	7
75	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
76	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
77	Joint evaluation of imperfect SIC and fixed power allocation scheme for wireless powered D2D-NOMA networks with multiple antennas at base station. <i>Wireless Networks</i> , 2019, 25, 5069-5081.	3.0	6
78	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
79	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
80	Cognitive Radio-Assisted NOMA Broadcasting for 5G Cellular V2X Communications: Model of Roadside Unit Selection and SWIPT. <i>Sensors</i> , 2020, 20, 1786.	3.8	6
81	A Framework of Uplink-Downlink NOMA Protocol for Multiple Access in IoT-Oriented Networks. <i>Journal of Communications</i> , 2021, , 236-241.	1.6	6
82	Exploiting Secrecy Performance of Uplink NOMA in Cellular Networks. <i>IEEE Access</i> , 2021, 9, 95135-95154.	4.2	6
83	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
84	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
85	Enabling Non-Linear Energy Harvesting in Power Domain Based Multiple Access in Relaying Networks: Outage and Ergodic Capacity Performance Analysis. <i>Electronics (Switzerland)</i> , 2019, 8, 817.	3.1	5
86	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
87	Hybrid Satellite-Terrestrial Relay Network: Proposed Model and Application of Power Splitting Multiple Access. <i>Sensors</i> , 2020, 20, 4296.	3.8	5
88	New Look on Device to Device NOMA Systems: with and Without Wireless Power Transfer Modes. <i>Wireless Personal Communications</i> , 2021, 116, 2485-2500.	2.7	5
89	Enhancing Spectrum Efficiency for Multiple Users in Hybrid Satellite-Terrestrial Networks. <i>IEEE Access</i> , 2021, 9, 50291-50300.	4.2	5
90	System Performance Analysis in Cognitive Radio-Aided NOMA Network: An Application to Vehicle-to-Everything Communications. <i>Wireless Personal Communications</i> , 2021, 120, 1975-2000.	2.7	5

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91	Cognitive IoT relaying NOMA networks with user clustering and imperfect SIC. Peer-to-Peer Networking and Applications, 2021, 14, 3170-3180.	3.9	5
92	Electromagnetic Nanocommunication Networks: Principles, Applications, and Challenges. IEEE Access, 2021, 9, 166147-166165.	4.2	5
93	Secure Performance Analysis of RIS-aided Wireless Communication Systems. , 2021, , .		5
94	Impact of hardware impairments in AF relaying network for WIPT: TSR and performance analysis. , 2016, , .		4
95	Bidirectional Communication in Full Duplex Wireless-Powered Relaying Networks: Time-Switching Protocol and Performance Analysis. Wireless Personal Communications, 2018, 98, 879-896.	2.7	4
96	Cognitive Radio Assisted Non-Orthogonal Multiple Access: Outage Performance. , 2019, , .		4
97	Improving Performance of Far Users in Cognitive Radio: Exploiting NOMA and Wireless Power Transfer. Energies, 2019, 12, 2206.	3.1	4
98	Transmit Antenna Selection Schemes for NOMA with Randomly Moving Interferers in Interference-Limited Environment. Electronics (Switzerland), 2020, 9, 36.	3.1	4
99	UAV Based Satellite-Terrestrial Systems With Hardware Impairment and Imperfect SIC: Performance Analysis of User Pairs. IEEE Access, 2021, 9, 117925-117937.	4.2	4
100	Self-Powered Wireless Two-Way Relaying Networks: Model and Throughput Performance with Three Practical Schemes. Wireless Personal Communications, 2017, 97, 613-631.	2.7	3
101	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
102	Exploiting System Performance in AF non-orthogonal multiple access network under impacts of imperfect SIC and imperfect hardware. Physical Communication, 2020, 38, 100912.	2.1	3
103	Opportunistic user selection schemes for energy harvesting-aware cooperative NOMA. Physical Communication, 2021, 44, 101258.	2.1	3
104	New look on relay selection strategies for full-duplex multiple-relay NOMA over Nakagami-m fading channels. Wireless Networks, 2021, 27, 3827-3843.	3.0	3
105	Enabling Wireless Power Transfer and Multiple Antennas Selection to IoT Network Relying on NOMA. Elektronika Ir Elektrotehnika, 2020, 26, 59-65.	0.8	3
106	Enabling D2D Transmission Mode with Energy Harvesting and Information Transfer in Heterogeneous Networks. Advances in Electrical and Electronic Engineering, 2018, 16, .	0.3	3
107	Exploring Secrecy Outage Probability of AF-NOMA and AF-OMA Networks. Journal of Communications, 2019, , 538-543.	1.6	3
108	Design of energy harvesting protocol for relay mobile node in WLAN. , 2015, , .		2

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109	Device-to-Device Network with MISO Scheme for Wireless Power Transfer: Outage Performance Analysis. , 2018, , .		2
110	Improving Spectrum Efficiency in D2D- Assisted Cognitive Radio Networks: Application of NOMA and Performance Analysis. , 2019, , .		2
111	Impact of Untrusted Relay on Physical Layer Security in Non-Orthogonal Multiple Access Networks. Wireless Personal Communications, 2019, 106, 1353-1372.	2.7	2
112	Power Beacon-Based Wireless Power Transfer in MISO/SISO: An Application in Device-to-Device Networks. Wireless Personal Communications, 2020, 110, 381-402.	2.7	2
113	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, 145.	0.4	2
114	Implementation of a Non-orthogonal Multiple Access Scheme Under Practical Impairments. Springer Series in Wireless Technology, 2021, , 107-127.	1.1	2
115	Enabling Full-duplex in MEC Networks Using Uplink NOMA in Presence of Hardware Impairments. Wireless Personal Communications, 2021, 120, 1945-1973.	2.7	2
116	Exploiting Secure Performance of Full-Duplex Decode and Forward in Optimal Relay Selection Networks. Elektronika Ir Elektrotehnika, 2018, 24, .	0.8	2
117	Performance of subspace based semi-blind channel estimation in MIMO systems. , 2010, , .		1
118	Two-way relay networks with energy harvesting and information transfer: Throughput performance with distance allocation. , 2016, , .		1
119	Energy harvesting in amplify-and-forward relaying systems with interference at the relay. , 2016, , 153-158.		1
120	Optimal Energy Harvesting Strategy in Relaying Networks: Dynamic Allocation Scheme and Performance Analysis. Wireless Personal Communications, 2019, 108, 1097-1111.	2.7	1
121	Performance Analysis of Dual-Hop Mixed FSO/mmWave Systems. , 2020, , .		1
122	Wireless energy-aware non-orthogonal multiple access network under full-duplex mode: performance analysis. International Journal of Communication Networks and Distributed Systems, 2020, 25, 164.	0.4	1
123	Joint of full-duplex relay, non-linear energy harvesting and multiple access in performance improvement of cell-edge user in heterogeneous networks. Wireless Networks, 2020, 26, 6253-6266.	3.0	1
124	Performance Analysis of Cognitive Relay-Assisted Ambient Backscatter with MRC over Nakagami-m Fading Channels. Sensors, 2020, 20, 3447.	3.8	1
125	CR-NOMA Networks over Nakagami- m Fading: CSI Imperfection Perspective. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	1
126	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



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127	An Instantaneous Transmission Mode Analysis in Energy Harvesting for Half-Duplex and Full-Duplex Relaying Network. International Journal of Grid and Distributed Computing, 2016, 9, 11-20.	0.8	1
128	Non-Orthogonal Multiple Access Networks: Relay Selection and Performance Comparison. Journal of Communications, 2019, , 448-454.	1.6	1
129	Outage Performance Analysis of Cell-Center/Edge Users Under Two Policies of Energy Harvesting. Elektronika Ir Elektrotechnika, 2019, 25, 75-80.	0.8	1
130	Secure Cognitive Radio-Enabled Vehicular Communications under Spectrum-Sharing Constraints. Sensors, 2021, 21, 7160.	3.8	1
131	On Secure Cognitive Radio Networks with NOMA: Design of Multiple-Antenna and Performance Analysis. , 2020, , .		1
132	UAV-assisted underlay CR-NOMA network: performance analysis. Bulletin of Electrical Engineering and Informatics, 2022, 11, 2079-2087.	0.8	1
133	A new training sequence for secure channel estimation in MIMO systems. , 2010, , .		0
134	A new semi-blind channel estimation in MIMO using second order statistics. , 2010, , .		0
135	New orthogonal pilot scheme for semi-blind channel estimation in MIMO Systems. , 2010, , .		0
136	Performance analysis of hybrid scheme for semi-blind channel estimation in MIMO systems. , 2010, , .		0
137	Designing orthogonal pilot scheme for semi-blind channel estimation in MIMO systems. , 2010, , .		0
138	Hybrid scheme for PAPR reduction technique in WiMAX OFDMA. , 2011, , .		0
139	A study on AF two-way relaying networks with imperfect channel estimation. , 2014, , .		0
140	A straightforward method to evaluate the energy aware two-way relaying networks under effect of co-channel interference. , 2016, , .		0
141	On the Outage Probability of Device-to-Device Communication Enabled NOMA. Advances in Intelligent Systems and Computing, 2018, , 629-635.	0.6	0
142	Design and Application for Reliable Cooperative Networks. , 2018, , 81-100.		0
143	Exploiting Performance Of Miso Based Non-Orthogonal Multiple Access. , 2019, , .		0
144	Cooperative NOMA: device-to-device mode and outage performance analysis. International Journal of Sensor Networks, 2020, 33, 25.	0.4	0

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145	Exact outage performance of small-cell network relying device-to-device and non-orthogonal multiple access under perfect and imperfect CSI. <i>Wireless Networks</i> , 2020, 26, 5133-5149.	3.0	0
146	Secure performance of emerging wireless sensor networks relying nonorthogonal multiple access. , 2021, , 29-41.		0
147	Reconfigurable Intelligent Surface (RIS)-Assisted Wireless Systems: Potentials for 6G and a Case Study. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 367-378.	0.4	0
148	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
149	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
150	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
151	A stochastic model for performance analysis of powered wireless networks. , 2016, , 145-152.		0
152	Advanced protocol for wireless information and power transfer in full duplex DF relaying networks. , 2016, , 133-138.		0
153	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
154	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
155	Performance Analysis of Wireless Powered Cognitive Radio Networks. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 554-562.	0.6	0
156	Enabling D2D Transmission Mode in Cellular Networks: Instantaneous Rate Consideration. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 547-553.	0.6	0
157	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
158	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, 1.	0.4	0
159	Power Domain Based Multiple Access for IoT Deployment: Two-Way Transmission Mode and Performance Analysis. <i>Internet of Things</i> , 2020, , 241-258.	1.7	0
160	Relay Selection-aware Non-orthogonal Multiple Access Networks: Direct and Relaying Mode. <i>Recent Advances in Electrical and Electronic Engineering</i> , 2020, 13, 348-354.	0.3	0
161	Performance Analysis of Downlink Non-Orthogonal Multiple Access under Imperfect CSI in Dense Network: A Stochastic Geometry Approach. <i>Advances in Electrical and Electronic Engineering</i> , 2020, 18, .	0.3	0
162	MISO assisted multiple access by removing orthogonal: enabling D2D transmission and performance analysis. <i>International Journal of Information and Communication Technology</i> , 2020, 17, 364.	0.1	0

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163	Cooperative NOMA: device-to-device mode and outage performance analysis. International Journal of Sensor Networks, 2020, 33, 25.	0.4	0
164	Enabling Device-to-Device Transmission for NOMA-Aided Systems. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	0
165	Exact secure outage probability performance of uplinkdownlink multiple access network under imperfect CSI. Bulletin of Electrical Engineering and Informatics, 2021, 10, 3274-3281.	0.8	0
166	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
167	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
168	Secrecy communications of intelligent reflecting surfaces aided NOMA networks. Physical Communication, 2022, 52, 101691.	2.1	0
169	Improving Performance of User Pair Using Reconfigurable Intelligent Surfaces. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	1.2	0
170	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
171	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
172	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
173	Performance analysis of cognitive radioâ€™assisted clustering carâ€™following V2X communication system. International Journal of Communication Systems, 0, , .	2.5	0
174	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