Dinh-Thuan Do

List of Publications by Year
in descending order

173	2,348	159358	288905
papers	citations	30 h-index	40 g-index

177	177	177	1045
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NOMA in Cooperative Underlay Cognitive Radio Networks Under Imperfect SIC. IEEE Access, 2020, 8, 86180-86195.	2.6	94
2	NOMA based cognitive relaying: Transceiver hardware impairments, relay selection policies and outage performance comparison. Computer Communications, 2019, 146, 144-154.	3.1	72
3	Outage Performance Analysis of Reconfigurable Intelligent Surfaces-Aided NOMA Under Presence of Hardware Impairment. IEEE Access, 2020, 8, 212156-212165.	2.6	69
4	Joint Impacts of Imperfect CSI and Imperfect SIC in Cognitive Radio-Assisted NOMA-V2X Communications. IEEE Access, 2020, 8, 128629-128645.	2.6	63
5	Device-to-device transmission modes in NOMA network with and without Wireless Power Transfer. Computer Communications, 2019, 139, 67-77.	3.1	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.	5.5	59
7	A Unified Framework for HS-UAV NOMA Networks: Performance Analysis and Location Optimization. IEEE Access, 2020, 8, 13329-13340.	2.6	58
8	WRSNs: Toward an Efficient Scheduling for Mobile Chargers. IEEE Sensors Journal, 2020, 20, 6753-6761.	2.4	54
9	Enabling Multiple Power Beacons for Uplink of NOMA-Enabled Mobile Edge Computing in Wirelessly Powered IoT. IEEE Access, 2020, 8, 148892-148905.	2.6	51
10	Application of NOMA in Wireless System with Wireless Power Transfer Scheme: Outage and Ergodic Capacity Performance Analysis. Sensors, 2018, 18, 3501.	2.1	49
11	NOMA-Assisted Multiple Access Scheme for IoT Deployment: Relay Selection Model and Secrecy Performance Improvement. Sensors, 2019, 19, 736.	2.1	49
12	Performance Evaluation of Relay-Aided CR-NOMA for Beyond 5G Communications. IEEE Access, 2020, 8, 134838-134855.	2.6	49
13	Power allocation schemes for wireless powered NOMA systems with imperfect CSI: An application in multiple antennaâ€“based relay. International Journal of Communication Systems, 2018, 31, e3789.	1.6	43
14	Imperfect channel state information of AF and DF energy harvesting cooperative networks. China Communications, 2016, 13, 11-19.	2.0	42
15	RIS-Aided Physical Layer Security With Full-Duplex Jamming in Underlay D2D Networks. IEEE Access, 2021, 9, 99667-99679.	2.6	40
16	On Performance Analysis of Underlay Cognitive Radio-Aware Hybrid OMA/NOMA Networks with Imperfect CSI. Electronics (Switzerland), 2019, 8, 819.	1.8	39
17	User Grouping and Energy Harvesting in UAV-NOMA System With AF/DF Relaying. IEEE Transactions on Vehicular Technology, 2021, 70, 11855-11868.	3.9	39
18	Physical Layer Security of Cooperative NOMA for IoT Networks Under I/Q Imbalance. IEEE Access, 2020, 8, 51189-51199.	2.6	38

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19	Optimal Throughput Under Time Power Switching Based Relaying Protocol in Energy Harvesting Cooperative Networks. Wireless Personal Communications, 2016, 87, 551-564.	1.8	37
20	Wireless Powered Relaying Networks Under Imperfect Channel State Information: System Performance and Optimal Policy for Instantaneous Rate. Radioengineering, 2017, 26, 869-877.	0.3	37
21	Optimal power allocation and throughput performance of full-duplex DF relaying networks with wireless power transfer-aware channel. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	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. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21478-21491.	4.7	36
24	Power Switching Protocol for Two-way Relaying Network under Hardware Impairments. Radioengineering, 2015, 24, 765-771.	0.3	35
25	Energy-aware two-way relaying networks under imperfect hardware: optimal throughput design and analysis. Telecommunication Systems, 2016, 62, 449-459.	1.6	35
26	Performance Analysis of Clustering Car-Following V2X System With Wireless Power Transfer and Massive Connections. IEEE Internet of Things Journal, 2022, 9, 14610-14628.	5.5	34
27	UAV Relaying Enabled NOMA Network With Hybrid Duplexing and Multiple Antennas. IEEE Access, 2020, 8, 186993-187007.	2.6	33
28	Joint Relay Selection, Full-Duplex and Device-to-Device Transmission in Wireless Powered NOMA Networks. IEEE Access, 2020, 8, 82442-82460.	2.6	33
29	Maximum harvested energy policy in fullâ€duplex relaying networks with SWIPT. International Journal of Communication Systems, 2017, 30, e3359.	1.6	32
30	Uplink and Downlink NOMA Transmission Using Full-Duplex UAV. IEEE Access, 2020, 8, 164347-164364.	2.6	32
31	UAV-Assisted RIS for Future Wireless Communications: A Survey on Optimization and Performance Analysis. IEEE Access, 2022, 10, 16320-16336.	2.6	32
32	Reconfigurable Intelligent Surface Aided Multi-User Communications: State-of-the-Art Techniques and Open Issues. IEEE Access, 2021, 9, 118584-118605.	2.6	31
33	Exploiting Impacts of Intercell Interference on SWIPT-Assisted Non-Orthogonal Multiple Access. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	0.8	30
34	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.	3.9	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. AEU - International Journal of Electronics and Communications, 2016, 70, 1637-1644.	1.7	28
36	A new look at AF two-way relaying networks: energy harvesting architecture and impact of co-channel interference. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 669-678.	1.6	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. Sensors, 2019, 19, 3314.	2.1	26
38	Throughput Analysis of Multipair Two-Way Replaying Networks With NOMA and Imperfect CSI. IEEE Access, 2020, 8, 128942-128953.	2.6	25
39	Enabling NOMA in Backscatter Reconfigurable Intelligent Surfaces-Aided Systems. IEEE Access, 2021, 9, 33782-33795.	2.6	25
40	Exploiting hybrid time switching-based and power splitting-based relaying protocol in wireless powered communication networks with outdated channel state information. Automatika, 2017, 58, 111-118.	1.2	24
41	Enabling Full-Duplex and Energy Harvesting in Uplink and Downlink of Small-Cell Network Relying on Power Domain Based Multiple Access. IEEE Access, 2020, 8, 142772-142784.	2.6	24
42	Impacts of imperfect SIC and imperfect hardware in performance analysis on AF non-orthogonal multiple access network. Telecommunication Systems, 2019, 72, 579-593.	1.6	23
43	Securing Heterogeneous IoT With Intelligent DDoS Attack Behavior Learning. IEEE Systems Journal, 2022, 16, 1974-1983.	2.9	23
44	Power allocation scheme for maximizing spectral efficiency and energy efficiency tradeoff for uplink NOMA systems in B5G/6G. Physical Communication, 2020, 43, 101227.	1.2	22
45	Time Power Switching Based Relaying Protocol in Energy Harvesting Mobile Node: Optimal Throughput Analysis. Mobile Information Systems, 2015, 2015, 1-8.	0.4	20
46	A tractable approach to analyzing the energy-aware two-way relaying networks in the presence of co-channel interference. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	20
47	Exploiting Joint Base Station Equipped Multiple Antenna and Full-Duplex D2D Users in Power Domain Division Based Multiple Access Networks. Sensors, 2019, 19, 2475.	2.1	19
48	Physical layer security for Internet of Things via reconfigurable intelligent surface. Future Generation Computer Systems, 2022, 126, 330-339.	4.9	19
49	Enabling User Grouping and Fixed Power Allocation Scheme for Reconfigurable Intelligent Surfaces-Aided Wireless Systems. IEEE Access, 2021, 9, 92263-92275.	2.6	18
50	Exploiting Impacts of Antenna Selection and Energy Harvesting for Massive Network Connectivity. IEEE Transactions on Communications, 2021, 69, 7587-7602.	4.9	18
51	Outage performance of backscatter NOMA relaying systems equipping with multiple antennas. Electronics Letters, 2019, 55, 1066-1067.	0.5	17
52	Tracking vital signs of a patient using channel state information and machine learning for a smart healthcare system. Neural Computing and Applications, 0, , 1.	3.2	17
53	Wireless Information and Power Transfer for Full Duplex Relaying Networks: Performance Analysis. Lecture Notes in Electrical Engineering, 2016, , 53-62.	0.3	17
54	Joint Full-Duplex and Roadside Unit Selection for NOMA-Enabled V2X Communications: Ergodic Rate Performance. IEEE Access, 2020, 8, 140348-140360.	2.6	16

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55	Secrecy Outage Probability of Relay Selection Based Cooperative NOMA for IoT Networks. IEEE Access, 2021, 9, 1655-1665.	2.6	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.	2.1	14
58	Enabling NOMA in Overlay Spectrum Sharing in Hybrid Satellite-Terrestrial Systems. IEEE Access, 2021, 9, 56616-56629.	2.6	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.	1.6	13
61	Reliable and Secure Transmission in Multiple Antennas Hybrid Satellite-Terrestrial Cognitive Networks Relying on NOMA. IEEE Access, 2020, 8, 215044-215056.	2.6	13
62	System Performance of Cooperative NOMA with Full-Duplex Relay over Nakagami-m Fading Channels. Mobile Information Systems, 2019, 2019, 1-12.	0.4	12
63	Wireless-Powered Cooperative MIMO NOMA Networks: Design and Performance Improvement for Cell-Edge Users. Electronics (Switzerland), 2019, 8, 328.	1.8	11
64	The Sky is the Edgeâ€"Toward Mobile Coverage From the Sky. IEEE Internet Computing, 2021, 25, 101-108.	3.2	11
65	Fixed Power Allocation for Outage Performance Analysis on AF-assisted Cooperative NOMA. Journal of Communications, 2019, , 560-565.	1.3	11
66	Joint Design of Improved Spectrum and Energy Efficiency With Backscatter NOMA for IoT. IEEE Access, 2022, 10, 7504-7519.	2.6	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.	2.6	10
68	Impact of fixed power allocation in wireless energy harvesting NOMA networks. International Journal of Communication Systems, 2019, 32, e4016.	1.6	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.	2.1	9
70	Performance analysis of multiâ€user NOMA over shadowed fading. Electronics Letters, 2020, 56, 771-773.	0.5	9
71	Joint User Grouping and Decoding Order in Uplink/Downlink MISO/SIMO-NOMA. IEEE Access, 2020, 8, 143632-143643.	2.6	9
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73	On Performance Analysis of NOMA-Aided Hybrid Satellite Terrestrial Relay With Application in Small-Cell Network. IEEE Access, 2020, 8, 188526-188537.	2.6	8
74	Outage probability and ergodic capacity analysis of uplink NOMA cellular network with and without interference from D2D pair. Physical Communication, 2019, 37, 100898.	1.2	7
75	Robust Transmit Antenna Design for Performance Improvement of Cell-Edge Users: Approach of NOMA and Outage/Ergodic Capacity Analysis. Sensors, 2019, 19, 4907.	2.1	7
76	Time Switching for Wireless Communications with Full-Duplex Relaying in Imperfect CSI Condition. KSII Transactions on Internet and Information Systems, 2016, 10, .	0.7	7
77	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.	2.0	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. Ad Hoc Networks, 2020, 97, 102032.	3.4	6
79	Evaluating secrecy performance of cooperative NOMA networks under existence of relay link and direct link. International Journal of Communication Systems, 2020, 33, e4284.	1.6	6
80	Cognitive Radio-Assisted NOMA Broadcasting for 5G Cellular V2X Communications: Model of Roadside Unit Selection and SWIPT. Sensors, 2020, 20, 1786.	2.1	6
81	A Framework of Uplink-Downlink NOMA Protocol for Multiple Access in IoT-Oriented Networks. Journal of Communications, 2021, , 236-241.	1.3	6
82	Exploiting Secrecy Performance of Uplink NOMA in Cellular Networks. IEEE Access, 2021, 9, 95135-95154.	2.6	6
83	On Outage Probability and Throughput Performance of Cognitive Radio Inspired NOMA Relay System. Advances in Electrical and Electronic Engineering, 2018, 16, .	0.2	6
84	Wireless powered underlay cognitive radio network with multiple primary transceivers: Energy constraint, node arrangement, and performance analysis. International Journal of Communication Systems, 2017, 30, e3372.	1.6	5
85	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.	1.8	5
86	Outage Performance Improvement by Selected User in D2D Transmission and Implementation of Cognitive Radio-Assisted NOMA. Sensors, 2019, 19, 4840.	2.1	5
87	Hybrid Satellite-Terrestrial Relay Network: Proposed Model and Application of Power Splitting Multiple Access. Sensors, 2020, 20, 4296.	2.1	5
88	New Look on Device to Device NOMA Systems: with and Without Wireless Power Transfer Modes. Wireless Personal Communications, 2021, 116, 2485-2500.	1.8	5
89	Enhancing Spectrum Efficiency for Multiple Users in Hybrid Satellite-Terrestrial Networks. IEEE Access, 2021, 9, 50291-50300.	2.6	5
90	System Performance Analysis in Cognitive Radio-Aided NOMA Network: An Application to Vehicle-to-Everything Communications. Wireless Personal Communications, 2021, 120, 1975-2000.	1.8	5

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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.	1.8	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.	1.6	4
98	Transmit Antenna Selection Schemes for NOMA with Randomly Moving Interferers in Interference-Limited Environment. Electronics (Switzerland), 2020, 9, 36.	1.8	4
99	UAV Based Satellite-Terrestrial Systems With Hardware Impairment and Imperfect SIC: Performance Analysis of User Pairs. IEEE Access, 2021, 9, 117925-117937.	2.6	4
100	Self-Powered Wireless Two-Way Relaying Networks: Model and Throughput Performance with Three Practical Schemes. Wireless Personal Communications, 2017, 97, 613-631.	1.8	3
101	Exploiting secure performance in power domainâ€“based multiple access: Impacts of relay link/direct link and secure analysis. International Journal of Communication Systems, 2019, 32, e4110.	1.6	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.	1.2	3
103	Opportunistic user selection schemes for energy harvesting-aware cooperative NOMA. Physical Communication, 2021, 44, 101258.	1.2	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.	2.0	3
105	Enabling Wireless Power Transfer and Multiple Antennas Selection to IoT Network Relying on NOMA. Elektronika Ir Elektrotechnika, 2020, 26, 59-65.	0.4	3
106	Enabling D2D Transmission Mode with Energy Harvesting and Information Transfer in Heterogeneous Networks. Advances in Electrical and Electronic Engineering, 2018, 16, .	0.2	3
107	Exploring Secrecy Outage Probability of AF-NOMA and AF-OMA Networks. Journal of Communications, 2019, , 538-543.	1.3	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.	1.8	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.	1.8	2
113	Exploiting hybrid decode-and-forward â€“ amplify-and-forward in NOMA: an application to device-to-device networks. International Journal of Communication Networks and Distributed Systems, 2020, 25, 145.	0.3	2
114	Implementation of a Non-orthogonal Multiple Access Scheme Under PracticalÂImpairments. 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.	1.8	2
116	Exploiting Secure Performance of Full-Duplex Decode and Forward in Optimal Relay Selection Networks. Elektronika Ir Elektrotechnika, 2018, 24, .	0.4	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.	1.8	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.	0.3	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.	2.0	1
124	Performance Analysis of Cognitive Relay-Assisted Ambient Backscatter with MRC over Nakagami-m Fading Channels. Sensors, 2020, 20, 3447.	2.1	1
125	CR-NOMA Networks over Nakagami- m Fading: CSI Imperfection Perspective. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	0.8	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.	0.3	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.	1.3	1
129	Outage Performance Analysis of Cell-Center/Edge Users Under Two Policies of Energy Harvesting. Elektronika Ir Elektrotechnika, 2019, 25, 75-80.	0.4	1
130	Secure Cognitive Radio-Enabled Vehicular Communications under Spectrum-Sharing Constraints. Sensors, 2021, 21, 7160.	2.1	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.	0.6	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.	0.5	0
142	Design and Application for Reliable Cooperative Networks. , 2018, , 81-100.		0
143	Exploitting 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.	0.2	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. Wireless Networks, 2020, 26, 5133-5149.	2.0	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. Lecture Notes in Electrical Engineering, 2022, , 367-378.	0.3	0
148	Outage Performance Analysis of Full-Duplex Assisted Non-Orthogonal Multiple Access with Bidirectional Relaying Mode. International Journal of Communication Networks and Distributed Systems, 2021, 26, 1.	0.3	0
149	Outage performance of downlink NOMA-aided small cell network with wireless power transfer. Bulletin of Electrical Engineering and Informatics, 2021, 10, 2686-2695.	0.6	0
150	Exploiting Full-duplex and Fixed Power Allocation Approaches for Dual-hop Transmission in Downlink NOMA. Advances in Electrical and Electronic Engineering, 2021, 19, .	0.2	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	Power Beacon-Assisted Relaying Scheme for Cellular Networks: System Model and Performance Analysis. Advances in Intelligent Systems and Computing, 2018, , 620-628.	0.5	0
154	Performance Analysis of Wireless Powered Cognitive Radio Networks. Advances in Intelligent Systems and Computing, 2018, , 554-562.	0.5	0
155	Enabling D2D Transmission Mode in Cellular Networks: Instantaneous Rate Consideration. Advances in Intelligent Systems and Computing, 2018, , 547-553.	0.5	0
156	Performance Analysis of Device-To-Device Communication Using AF Relaying Under Impact of Co-channel Interferences. Advances in Intelligent Systems and Computing, 2018, , 636-644.	0.5	0
157	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.	0.3	0
158	Power Domain Based Multiple Access for IoT Deployment: Two-Way Transmission Mode and Performance Analysis. Internet of Things, 2020, , 241-258.	1.3	0
159	Relay Selection-aware Non-orthogonal Multiple Access Networks: Direct and Relaying Mode. Recent Advances in Electrical and Electronic Engineering, 2020, 13, 348-354.	0.2	0
160	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, .	0.2	0
161	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
162	Cooperative NOMA: device-to-device mode and outage performance analysis. International Journal of Sensor Networks, 2020, 33, 25.	0.2	0

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163	Enabling Device-to-Device Transmission for NOMA-Aided Systems. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	0.8	0
164	Exact secure outage probability performance of uplinkdownlink multiple access network under imperfect CSI. Bulletin of Electrical Engineering and Informatics, 2021, 10, 3274-3281.	0.6	0
165	Reconfigurable intelligent surfaces assisted wireless communication networks: ergodic capacity and symbol error rate. Indonesian Journal of Electrical Engineering and Computer Science, 2022, 25, 358.	0.7	0
166	Outage probability computation in multi-backscatter systems with multi-modes of operation. Bulletin of Electrical Engineering and Informatics, 2022, 11, 239-247.	0.6	0
167	Secrecy communications of intelligent reflecting surfaces aided NOMA networks. Physical Communication, 2022, 52, 101691.	1.2	0
168	Improving Performance of User Pair Using Reconfigurable Intelligent Surfaces. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	0.8	0
169	Ergodic capacity of internet of thingsâ€™ devices in presence of channel state information imperfection. Bulletin of Electrical Engineering and Informatics, 2022, 11, 838-845.	0.6	0
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171	Splitting Energy of Transmit Power Serving Grouping Users in Full-Duplex Networks under Imperfect Hardware. Wireless Communications and Mobile Computing, 2022, 2022, 1-12.	0.8	0
172	Performance analysis of cognitive radioâ€assisted clustering carâ€following V2X communication system. International Journal of Communication Systems, 0, , .	1.6	0
173	Empowering secure transmission for downlink of multiple access system relying non-orthogonal signal multiplexing. Bulletin of Electrical Engineering and Informatics, 2022, 11, 2088-2095.	0.6	0