Chi-Bao Le

List of Publications by Year
in descending order

45 papers	308 citations	1040056 9 h-index	888059 17 g-index
45 all docs	45 docs citations	45 times ranked	241 citing authors

#	Article	IF	Citations
1	Application of NOMA in Wireless System with Wireless Power Transfer Scheme: Outage and Ergodic Capacity Performance Analysis. Sensors, 2018, 18, 3501.	3.8	49
2	UAV Relaying Enabled NOMA Network With Hybrid Duplexing and Multiple Antennas. IEEE Access, 2020, 8, 186993-187007.	4.2	33
3	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
4	Enabling NOMA in Backscatter Reconfigurable Intelligent Surfaces-Aided Systems. IEEE Access, 2021, 9, 33782-33795.	4.2	25
5	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.	4.2	24
6	Outage performance of backscatter NOMA relaying systems equipping with multiple antennas. Electronics Letters, 2019, 55, 1066-1067.	1.0	17
7	Two-Way Transmission for Low-Latency and High-Reliability 5G Cellular V2X Communications. Sensors, 2020, 20, 386.	3.8	14
8	Wireless-Powered Cooperative MIMO NOMA Networks: Design and Performance Improvement for Cell-Edge Users. Electronics (Switzerland), 2019, 8, 328.	3.1	11
9	Joint Design of Improved Spectrum and Energy Efficiency With Backscatter NOMA for IoT. IEEE Access, 2022, 10, 7504-7519.	4.2	11
10	Impact of fixed power allocation in wireless energy harvesting NOMA networks. International Journal of Communication Systems, 2019, 32, e4016.	2.5	9
11	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
12	Performance analysis of multiâ€user NOMA over shadowed fading. Electronics Letters, 2020, 56, 771-773.	1.0	9
13	Cooperative underlay cognitive radio assisted NOMA: secondary network improvement and outage performance. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 2147.	0.8	9
14	Wireless power transfer enabled NOMA relay systems: two SIC modes and performance evaluation. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 2697.	0.8	8
15	Robust Transmit Antenna Design for Performance Improvement of Cell-Edge Users: Approach of NOMA and Outage/Ergodic Capacity Analysis. Sensors, 2019, 19, 4907.	3.8	7
16	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
17	Exploiting Outage Performance of Wireless Powered NOMA. Telkomnika (Telecommunication) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.8	6
18	Performance Evaluation of UAV-Based NOMA Networks with Hardware Impairment. Electronics (Switzerland), 2022, 11, 94.	3.1	6

#	ARTICLE	IF	CITATIONS
19	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
20	Cognitive Radio Assisted Non-Orthogonal Multiple Access: Outage Performance. , 2019, , .		4
21	Study on outage performance gap of two destinations on CR-NOMA network. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 191.	0.8	4
22	Ergodic capacity computation in cognitive radio aided non-orthogonal multiple access systems. Bulletin of Electrical Engineering and Informatics, 2022, 11, 270-277.	0.8	3
23	Improving Spectrum Efficiency in D2D- Assisted Cognitive Radio Networks: Application of NOMA and Performance Analysis. , 2019, , .		2
24	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
25	Implementation of a Non-orthogonal Multiple Access Scheme Under PracticalÂImpairments. Springer Series in Wireless Technology, 2021, , 107-127.	1.1	2
26	Exploiting performance gap among two users in reconfigurable intelligent surfaces-aided wireless systems. Telkomnika (Telecommunication Computing Electronics and Control), 2022, 20, 1.	0.8	2
27	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
28	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
29	Outage Performance Analysis of Cell-Center/Edge Users Under Two Policies of Energy Harvesting. Elektronika Ir Elektrotechnika, 2019, 25, 75-80.	0.8	1
30	Outage performance analysis of NOMA over log-normal fading distribution in presence of CSI and SIC imperfections. Bulletin of Electrical Engineering and Informatics, 2022, 11, 1428-1437.	0.8	1
31	UAV-assisted underlay CR-NOMA network: performance analysis. Bulletin of Electrical Engineering and Informatics, 2022, 11, 2079-2087.	0.8	1
32	Exploitting Performance Of Miso Based Non-Orthogonal Multiple Access. , 2019, , .		0
33	Enabling full-duplex in multiple access technique for 5G wireless networks over Rician fading channels. Telkomnika (Telecommunication Computing Electronics and Control), 2021, 19, 192.	0.8	0
34	Studying strictly positive secure capacity in cognitive radio-based non-orthogonal multiple access. Bulletin of Electrical Engineering and Informatics, 2021, 10, 848-855.	0.8	0
35	Secure outage probability of cognitive radio network relying non-orthogonal multiple access scheme. Bulletin of Electrical Engineering and Informatics, 2021, 10, 828-836.	0.8	0
36	A new look on performance of small-cell network with design of multiple antennas and full-duplex. Bulletin of Electrical Engineering and Informatics, 2021, 10, 2302-2309.	0.8	0

#	Article	IF	Citations
37	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
38	Enabling Power Beacons and Wireless Power Transfers for Non-Orthogonal Multiple Access Networks. Journal of Telecommunications and Information Technology, 2021, 3, 1-9.	0.4	0
39	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
40	Security performance analysis for power domain NOMA employing in cognitive radio networks. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1046-1054.	0.8	0
41	Study on transmission over Nakagami-m fading channel for multiple access scheme without orthogonal signal. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 2205.	0.8	0
42	Outage and throughput performance of cognitive radio based power domain based multiple access. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 579.	0.8	0
43	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
44	Performance analysis of cognitive radio–assisted clustering car–following V2X communication system. International Journal of Communication Systems, 0, , .	2.5	0
45	Outage performance analysis of NOMA under fading channels in presence of imperfect SIC. Bulletin of Electrical Engineering and Informatics, 2022, 11, 2096-2106.	0.8	0