

Phuong T Tran

List of Publications by Year in descending order

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261
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#	ARTICLE	IF	CITATIONS
1	Performance analysis of full-duplex decode-and-forward relay system with energy harvesting over Nakagami-m fading channels. AEU - International Journal of Electronics and Communications, 2019, 98, 114-122.	1.7	40
2	Performance enhancement for energy harvesting based two-way relay protocols in wireless ad-hoc networks with partial and full relay selection methods. Ad Hoc Networks, 2019, 84, 178-187.	3.4	40
3	Energy Harvesting over Rician Fading Channel: A Performance Analysis for Half-Duplex Bidirectional Sensor Networks under Hardware Impairments. Sensors, 2018, 18, 1781.	2.1	32
4	Outage probability of NOMA system with wireless power transfer at source and full-duplex relay. AEU - International Journal of Electronics and Communications, 2020, 116, 152957.	1.7	31
5	Outage Analysis of RF Energy Harvesting Cooperative Communication Systems Over Nakagami- m Fading Channels With Integer and Non-Integer m . IEEE Transactions on Vehicular Technology, 2020, 69, 2785-2801.	3.9	30
6	Wireless energy harvesting meets receiver diversity: A successful approach for two-way half-duplex relay networks over block Rayleigh fading channel. Computer Networks, 2020, 172, 107176.	3.2	24
7	Performance of Cooperative Communication System With Multiple Reconfigurable Intelligent Surfaces Over Nakagami- m Fading Channels. IEEE Access, 2022, 10, 9806-9816.	2.6	23
8	Energy Harvesting-based Spectrum Access with Incremental Cooperation, Relay Selection and Hardware Noises. Radioengineering, 2017, 26, 240-250.	0.3	21
9	Security and Reliability Analysis of a Two-Way Half-Duplex Wireless Relaying Network Using Partial Relay Selection and Hybrid TPSR Energy Harvesting at Relay Nodes. IEEE Access, 2020, 8, 187165-187181.	2.6	21
10	Adaptive Energy Harvesting Relaying Protocol for Two-Way Half-Duplex System Network over Rician Fading Channels. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	0.8	20
11	Improving the Performance of Spatial Modulation Full-Duplex Relaying System With Hardware Impairment Using Transmit Antenna Selection. IEEE Access, 2020, 8, 20191-20202.	2.6	20
12	Cooperative Communications for Improving the Performance of Bidirectional Full-Duplex System With Multiple Reconfigurable Intelligent Surfaces. IEEE Access, 2021, 9, 134733-134742.	2.6	17
13	Exploiting Multiple RISs and Direct Link for Performance Enhancement of Wireless Systems With Hardware Impairments. IEEE Transactions on Communications, 2022, 70, 5599-5611.	4.9	15
14	Power splitting-based energy harvesting protocol for wireless-powered communication networks with a bidirectional relay. International Journal of Communication Systems, 2018, 31, e3721.	1.6	14
15	Performance Analysis of Energy Harvesting-Based Full-Duplex Decode-and-Forward Vehicle-to-Vehicle Relay Networks with Nonorthogonal Multiple Access. Wireless Communications and Mobile Computing, 2019, 2019, 1-11.	0.8	13
16	Broadcasting in Cognitive Radio Networks: A Fountain Codes Approach. IEEE Transactions on Vehicular Technology, 2022, 71, 11289-11294.	3.9	13
17	Performance Evaluation of User Selection Protocols in Random Networks with Energy Harvesting and Hardware Impairments. Advances in Electrical and Electronic Engineering, 2016, 14, .	0.2	12
18	Partial and Full Relay Selection Algorithms for AF Multi-Relay Full-Duplex Networks With Self-Energy Recycling in Non-Identically Distributed Fading Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 6173-6188.	3.9	12

#	ARTICLE	IF	CITATIONS
19	Intelligent-Reflecting-Surface-Aided Bidirectional Full-Duplex Communication System With Imperfect Self-Interference Cancellation and Hardware Impairments. IEEE Systems Journal, 2023, 17, 1352-1362.	2.9	12
20	Hybrid TSR-PSR Alternate Energy Harvesting Relay Network over Rician Fading Channels: Outage Probability and SER Analysis. Sensors, 2018, 18, 3839.	2.1	11
21	Secrecy Performance of TAS/SC-Based Multi-Hop Harvest-to-Transmit Cognitive WSNs Under Joint Constraint of Interference and Hardware Imperfection. Sensors, 2019, 19, 1160.	2.1	10
22	Y ₂ O ₃ :Eu ³⁺ phosphor: a novel solution for an increase in color rendering index of multi-chip white LED packages. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2017, 40, 228-234.	0.6	9
23	Rateless Codes-Based Secure Communication Employing Transmit Antenna Selection and Harvest-To-Jam under Joint Effect of Interference and Hardware Impairments. Entropy, 2019, 21, 700.	1.1	9
24	Transmit antenna selection for spatial modulation MIMO IoT networks with full-duplex relaying. AEU - International Journal of Electronics and Communications, 2020, 123, 153312.	1.7	9
25	Analysis of MRT/MRC diversity techniques to enhance the detection performance for MIMO signals in full-duplex wireless relay networks with transceiver hardware impairment. Physical Communication, 2020, 42, 101132.	1.2	8
26	Two-Way Half Duplex Decode and Forward Relaying Network with Hardware Impairment over Rician Fading Channel: System Performance Analysis. Elektronika Ir Elektrotehnika, 2018, 24, .	0.4	8
27	On the Performance of Power Splitting Energy Harvested Wireless Full-Duplex Relaying Network with Imperfect CSI over Dissimilar Channels. Security and Communication Networks, 2018, 2018, 1-11.	1.0	7
28	Performance and optimal analysis of time-switching energy harvesting protocol for MIMO full-duplex decode-and-forward wireless relay networks with various transmitter and receiver diversity techniques. Journal of the Franklin Institute, 2020, 357, 13205-13230.	1.9	7
29	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
30	On Performance of Low-Power Wide-Area Networks With the Combining of Reconfigurable Intelligent Surfaces and Relay. IEEE Transactions on Mobile Computing, 2023, 22, 6086-6096.	3.9	7
31	Performance Enhancement for Multihop Cognitive DF and AF Relaying Protocols under Joint Impact of Interference and Hardware Noises: NOMA for Primary Network and Best-Path Selection for Secondary Network. Wireless Communications and Mobile Computing, 2021, 2021, 1-15.	0.8	6
32	Power-Splitting Protocol in Power Beacon-assisted Energy Harvesting Full-Duplex Relaying Networks: Performance Analysis. , 2018, , .		5
33	Performance Comparison between Fountain Codes-Based Secure MIMO Protocols with and without Using Non-Orthogonal Multiple Access. Entropy, 2019, 21, 982.	1.1	4
34	Performance of time switching based energy harvesting for amplify-and-forward half-duplex relaying with hardware impairment. , 2017, , .		3
35	On the Performance of Decode-and-Forward Half-Duplex Relaying with Time Switching Based Energy Harvesting in the Condition of Hardware Impairment. Advances in Intelligent Systems and Computing, 2017, , 421-430.	0.5	3
36	Outage Probability Analysis of Power Splitting Power-Beacon Assisted Energy Harvesting Relay Wireless Communication Networks. , 2018, , .		3

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37	On the Implementation of a Low-Cost Mind-Voice-and-Gesture-Controlled Humanoid Robotic Arm Using Leap Motion and Neurosky Sensor. <i>Journal of Electrical Engineering and Technology</i> , 2022, 17, 665-683.	1.2	3
38	Performance Analysis of General Hybrid TSR-PSR Energy Harvesting Protocol for Amplify-and-Forward Half-Duplex Relaying Networks. <i>Khoa Học & Công Nghệ</i> , 2018, 2, 121.	1.5	3
39	Enhancing the performance of downlink NOMA relaying networks by RF energy harvesting and data buffering at relay. <i>Wireless Networks</i> , 2022, 28, 1857-1877.	2.0	3
40	On the Performance of a Wireless Powered Communication System Using a Helping Relay. <i>Radioengineering</i> , 2017, 26, 860-868.	0.3	2
41	Performance Analysis for HF Communication with Dominant Noise Source. , 2018, , .		2
42	Automatic Analysis of the Signals from the FMICW Radars. , 2019, , .		2
43	Secrecy performance of multi-user multi-hop cluster-based network with joint relay and jammer selection under imperfect channel state information. <i>Performance Evaluation</i> , 2021, 147, 102193.	0.9	2
44	Performance analysis of intelligent reflecting surface aided full-duplex amplify-and-forward relay networks. <i>International Journal of Communication Systems</i> , 2022, 35, .	1.6	2
45	Joint optimization of power allocation and cooperation in wireless OFDM networks. , 2009, , .		1
46	A Novel Compressed Sensing Approach to Speech Signal Compression. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 75-85.	0.3	1
47	The Tail Distribution of the Sum of Kappa Random Variables with Unequal Weight and Correlation. , 2018, , .		1
48	Secrecy Capacity for an Underwater Acoustic Channel with a Dominant Noise Source. , 2019, , .		1
49	Neural Networks Application for Processing of the Data from the FMICW Radars. <i>Symmetry</i> , 2019, 11, 1308.	1.1	1
50	Transmit antenna selection – An effective method for improving the performance of spatial modulation full-duplex relay networks with wireless energy harvesting. <i>AEU - International Journal of Electronics and Communications</i> , 2021, 135, 153737.	1.7	1
51	Joint optimization of relay selection and power allocation in cooperative OFDM networks with imperfect channel estimation. , 2012, , .		0
52	Joint optimization of power allocation and integer coefficients of relay functions in Compute-and-Forward relay networks. , 2014, , .		0
53	Performance Analysis for MIMO HF Communications with Dominant Galactic Noise. , 2018, , .		0
54	Interference modeling for molecular communication with receptor antagonist. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
55	Outage and Intercept Probability Analysis for Energy-Harvesting-Based Half-Duplex Relay Networks Assisted by Power Beacon Under the Existence of Eavesdropper. Lecture Notes in Electrical Engineering, 2020, , 821-834.	0.3	0
56	Optimization of Mobility Control in Mobile Wireless Networks for Energy Saving. Lecture Notes in Electrical Engineering, 2016, , 87-97.	0.3	0
57	Passive ionospheric radar builds with USRP N210. Journal of Electrical Engineering, 2019, 70, 159-164.	0.4	0
58	FMICW Radar Target Classification By Neural Network. , 2020, , .		0