

Phuong T Tran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3811298/publications.pdf>

Version: 2024-02-01

46
papers

441
citations

759055

12
h-index

794469

19
g-index

47
all docs

47
docs citations

47
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance enhancement for energy harvesting based two-way relay protocols in wireless ad-hoc networks with partial and full relay selection methods. <i>Ad Hoc Networks</i> , 2019, 84, 178-187.	3.4	40
2	Complete Path Planning for a Tetris-Inspired Self-Reconfigurable Robot by the Genetic Algorithm of the Traveling Salesman Problem. <i>Electronics (Switzerland)</i> , 2018, 7, 344.	1.8	35
3	Energy Harvesting over Rician Fading Channel: A Performance Analysis for Half-Duplex Bidirectional Sensor Networks under Hardware Impairments. <i>Sensors</i> , 2018, 18, 1781.	2.1	32
4	Outage probability of NOMA system with wireless power transfer at source and full-duplex relay. <i>AEU - International Journal of Electronics and Communications</i> , 2020, 116, 152957.	1.7	31
5	Reinforcement Learning-Based Energy-Aware Area Coverage for Reconfigurable hRombo Tiling Robot. <i>IEEE Access</i> , 2020, 8, 209750-209761.	2.6	26
6	Wireless energy harvesting meets receiver diversity: A successful approach for two-way half-duplex relay networks over block Rayleigh fading channel. <i>Computer Networks</i> , 2020, 172, 107176.	3.2	24
7	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. <i>IEEE Access</i> , 2020, 8, 187165-187181.	2.6	21
8	Adaptive Energy Harvesting Relaying Protocol for Two-Way Half-Duplex System Network over Rician Fading Channels. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-10.	0.8	20
9	Performance Analysis of a User Selection Protocol in Cooperative Networks with Power Splitting Protocol-Based Energy Harvesting Over Nakagami-m/Rayleigh Channels. <i>Electronics (Switzerland)</i> , 2019, 8, 448.	1.8	19
10	Multisource Power Splitting Energy Harvesting Relaying Network in Half-Duplex System over Block Rayleigh Fading Channel: System Performance Analysis. <i>Electronics (Switzerland)</i> , 2019, 8, 67.	1.8	14
11	Locomotion with Pedestrian Aware from Perception Sensor by Pavement Sweeping Reconfigurable Robot. <i>Sensors</i> , 2021, 21, 1745.	2.1	13
12	Heat conduction combined grid-based optimization method for reconfigurable pavement sweeping robot path planning. <i>Robotics and Autonomous Systems</i> , 2022, 152, 104063.	3.0	13
13	Partial and Full Relay Selection Algorithms for AF Multi-Relay Full-Duplex Networks With Self-Energy Recycling in Non-Identically Distributed Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 6173-6188.	3.9	12
14	Hybrid TSR&PSR Alternate Energy Harvesting Relay Network over Rician Fading Channels: Outage Probability and SER Analysis. <i>Sensors</i> , 2018, 18, 3839.	2.1	11
15	Exploiting Direct Link in Two-Way Half-Duplex Sensor Network over Block Rayleigh Fading Channel: Upper Bound Ergodic Capacity and Exact SER Analysis. <i>Sensors</i> , 2020, 20, 1165.	2.1	11
16	Secrecy Performance of TAS/SC-Based Multi-Hop Harvest-to-Transmit Cognitive WSNs Under Joint Constraint of Interference and Hardware Imperfection. <i>Sensors</i> , 2019, 19, 1160.	2.1	10
17	Social Density Monitoring Toward Selective Cleaning by Human Support Robot With 3D Based Perception System. <i>IEEE Access</i> , 2021, 9, 41407-41416.	2.6	10
18	Y ₂ O ₃ :Eu ³⁺ phosphor: a novel solution for an increase in color rendering index of multi-chip white LED packages. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2017, 40, 228-234.	0.6	9

#	ARTICLE	IF	CITATIONS
19	Rateless Codes-Based Secure Communication Employing Transmit Antenna Selection and Harvest-To-Jam under Joint Effect of Interference and Hardware Impairments. <i>Entropy</i> , 2019, 21, 700.	1.1	9
20	Power Beacon-Assisted Energy Harvesting in a Half-Duplex Communication Network under Co-Channel Interference over a Rayleigh Fading Environment: Energy Efficiency and Outage Probability Analysis. <i>Energies</i> , 2019, 12, 2579.	1.6	9
21	Two-Way Half Duplex Decode and Forward Relaying Network with Hardware Impairment over Rician Fading Channel: System Performance Analysis. <i>Elektronika Ir Elektrotechnika</i> , 2018, 24, .	0.4	8
22	Enhancing Lighting Performance of White LED Lamps by Green Emitting Ce,Tb Phosphor. <i>Advances in Electrical and Electronic Engineering</i> , 2016, 14, .	0.2	8
23	On the Performance of Power Splitting Energy Harvested Wireless Full-Duplex Relaying Network with Imperfect CSI over Dissimilar Channels. <i>Security and Communication Networks</i> , 2018, 2018, 1-11.	1.0	7
24	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. <i>Journal of the Franklin Institute</i> , 2020, 357, 13205-13230.	1.9	7
25	Physical Layer Security in a Hybrid TPSR Two-Way Half-Duplex Relaying Network over a Rayleigh Fading Channel: Outage and Intercept Probability Analysis. <i>Electronics (Switzerland)</i> , 2020, 9, 428.	1.8	7
26	Power-Splitting Protocol in Power Beacon-assisted Energy Harvesting Full-Duplex Relaying Networks: Performance Analysis. , 2018, , .		5
27	Red-emitting $\text{SrO} \cdot 3\text{B}_2\text{O}_3:\text{Sm}^{2+}$ phosphor: an innovative application for increasing color quality and luminous flux of remote phosphor white LEDs. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2017, 40, 313-317.	0.6	4
28	Energy harvesting based two-way full-duplex relaying network over a Rician fading environment: performance analysis. <i>Proceedings of the Estonian Academy of Sciences</i> , 2019, 68, 111.	0.9	4
29	Throughput enhancement for multi-hop decode-and-forward protocol using interference cancellation with hardware imperfection. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 5837-5849.	3.4	4
30	Outage Probability Analysis of Power Splitting Power-Beacon Assisted Energy Harvesting Relay Wireless Communication Networks. , 2018, , .		3
31	Multirobot Formation with Sensor Fusion-Based Localization in Unknown Environment. <i>Symmetry</i> , 2021, 13, 1788.	1.1	3
32	Improving color uniformity and color rendering index of remote-phosphor packaging white LEDs by co-doping SiO_2 and $\text{Sr}_2\text{Si}_5\text{N}_8:\text{Eu}^{2+}$ particles. <i>Materials Science-Poland</i> , 2018, 36, 370-374.	0.4	3
33	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
34	Influence of Scattering Enhancement Particles CaCO_3 , CaF_2 , SiO_2 and TiO_2 on Color Uniformity of White LEDs. <i>Advances in Electrical and Electronic Engineering</i> , 2016, 14, .	0.2	2
35	Enhancement of Color Rendering Index for White Light LED Lamps by Red $\text{Y}_2\text{O}_3:\text{Eu}^{3+}$ Phosphor. <i>Advances in Electrical and Electronic Engineering</i> , 2016, 14, .	0.2	2
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Green-emitting CaF ₂ :Ce ³⁺ , Tb ³⁺ phosphor: selection for improving luminous flux and color quality of conformal geometry white LED lamps. Materials Science-Poland, 2018, 36, 563-569.	0.4	1
39	Improving the Angular Color Uniformity and the Lumen Output for White LED Lamps by Green Ce _{0.67} Tb _{0.33} MgAl ₁₁ O ₁₉ :Ce, Tb Phosphor. Lecture Notes in Electrical Engineering, 2017, , 377-383.	0.3	0
40	Influence of Green Phosphor Ce _{0.67} Tb _{0.33} MgAl ₁₁ O ₁₉ :Ce, Tb on the Luminescent Properties and Correlated Color Temperature Deviation of Multi-chip White LEDs. Lecture Notes in Electrical Engineering, 2017, , 409-413.	0.3	0
41	Novel lighting properties of white LEDs with two-layered remote phosphor package using red-emitting SrO·3B ₂ O ₃ :Sm ²⁺ phosphor. Materials Science-Poland, 2017, 35, 618-625.	0.4	0
42	Increasing the color quality of the 7000K conformal packaging MCW-LEDs by varied red-emitting K ₂ SiF ₆ :Mn ⁴⁺ conversion phosphor's size. Cogent Engineering, 2017, 4, 1404718.	1.1	0
43	Improving the Optical Properties of the 8500Å In-cup Packaging WLEDs by Using the Green-emitting CaF ₂ :Ce ³⁺ , Tb ³⁺ Phosphor. Lecture Notes in Electrical Engineering, 2018, , 213-220.	0.3	0
44	Red-emitting Ba ₂ Si ₅ N ₈ :Eu ²⁺ conversion phosphor: A new selection for enhancing the optical performance of the in-cup packaging MCW-LEDs. Cogent Engineering, 2018, 5, 1486153.	1.1	0
45	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
46	An Effective Design of a Solar Thermal Collection and Storage System Using Molten Tin as Heat Transfer Fluid. Lecture Notes in Electrical Engineering, 2017, , 230-240.	0.3	0