

DANH MỤC BÀI BÁO KHOA HỌC

Số thứ tự	Tên bài báo	Tên tạp chí/ hội nghị	Năm	Tập (số)	Tác giả	DOI/Link
1	On performance evaluation of NOMA-aided SIMO multi-hop schemes using energy harvesting and fountain coding based information accumulation	PLoS One	2026	21 (3)	Lam-Thanh Tu, Tien-Tung Nguyen, Tran Trung Duy, Ngô Hoàng Ân	https://doi.org/10.1371/journal.pone.0344332
2	A novel methodology to improve power consumption for adders	Journal of Science Technology and Food	2026	26 (1)	Lê Thành Tới Truong Tri Lac	https://doi.org/10.62985
3	Full Range Neutral-Point Voltage Balancing for Four-Level π - Type Inverter Using Carrier-Overlapped PWM	GMSARN International Journal	2026	20 (2)	Đặng Ngô Lý, Văn Tấn Lượng	https://gmsarnjournal.com/home/wp-content/uploads/2025/11/vol20no2-15.pdf
4	Energy Harvesting-assisted Rate-Splitting Multiple Access under External and Internal Overhearing: Secrecy Analysis	Physical Communication	2026	75	Hồ Văn Khương	https://www.sciencedirect.com/science/article/pii/S1874490726000650
5	Multi-Phase Current Balancing Control of Interleaved Converter	International Journal of Circuit Theory and Applications	2026	54 (3)	Dieu Ngoc Vo, Doan Nguyen Ngoc Minh, Văn Tấn Lượng	https://onlinelibrary.wiley.com/doi/10.1002/cta.70064
6	Investigating the impact of harmonic constraints caused by nonlinear loads and renewable power sources' converters based on economic-technical-environmental factors of distribution grid using	Computers and Electrical Engineering	2026	129	Thai Dinh Pham, Thang Trung Nguyen, Partha Kayal, Minh Phuc Duong, Trần Văn Hải	https://doi.org/10.1016/j.compeleceng.2025.110844

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	hippopotamus optimization algorithm					
7	Active IRS-aided NOMA with Full-Duplex Energy Harvesting Wire-tapper: Performance Evaluation	Computer Communications	2026	246	Cuong Tran-Minh, Lê Thành Tới, Hồ Văn Khương	https://doi.org/10.1016/j.comcom.2025.108372
8	Environmental And Economic Optimization For Distribution Power Grids With Soft Open Points, Solar-Based Distributed Generators, And Battery Energy Storage Systems	International Journal of Environmental Sciences	2026	11(17s)	Thang Trung Nguyen, Ly Huu Pham, Anh Viet Truong, Trần Văn Hải, Phạm Thị Xuân Hoa	https://theaspd.com/index.php/ijes/article/view/4694
9	Adaptive power controller for AC/DC hybrid microgrids	Journal of Power Electronics	2026	26 (2)	Phạm Thị Xuân Hoa,	https://doi.org/10.1007/s43236-025-01077-3
10	Secrecy analysis of IRS-assisted NOMA cognitive radio networks with full-duplex energy scavenging jammer	Physical Communication	2025	72	Cuong Tran-Minh, Khuong-Ho-Van Lê Thành Tới	https://doi.org/10.1016/j.phycom.2025.102784
11	NOMA communications with co-channel interference energy harvesting: Secrecy analysis	Physical Communication	2025	73	Cuong Tran-Minh, Khuong Ho-Van, Lê Thành Tới	https://doi.org/10.1016/j.phycom.2025.102858
12	Performance Evaluation of IRS-Assisted NOMA Energy Harvesting Cognitive Radio Networks	Wireless Personal Communications	2025	144 (3-4)	Cuong Tran-Minh, Khuong Ho-Van, Lê Thành Tới	Wireless Personal Communications
13	Secure nonorthogonal multiple access with energy harvesting-assisted full-duplex receivers	ETRI Journal	2025	47 (6)	Khuong Ho-Van, Lê Thành Tới	https://doi.org/10.4218/etrij.2024-0335

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14	Efficient current stress reduction for AC-MMCS in machine drive systems	HUIT Journal of Science	2025	25 (6)	Nguyễn Đức Anh Tuấn, Đặng Ngô Lý, Lê Đức Dũng, Lê Thành Tới	https://doi.org/10.62985
15	Design and Kinetostatic Modelling of a New Inspired-Shrimp Constant Force Compliant Mechanism for Robotic Application	Arabian Journal for Science and Engineering	2025		Anh Binh Ngoc Le, Thanh-Phong Dao, Nhat Linh Ho, Minh Phung Dang, Ngoc Thoai Tran, Trần Hồng Văn	https://doi.org/10.1007/s13369-025-10715-8
16	Reducing one-year energy loss for the Hoang Dieu 26-node distribution power network in Vietnam by optimizing the placement and operation of solar-powered distributed generators	International Transactions on Electrical Energy	2025	2025	Thang Trung Nguyen, Phạm Thị Xuân Hoa	https://doi.org/10.1155/etep/7609505
17	An Improved Controller for AC/DC Hybrid Microgrid Using Bidirectional Interlinking Converter	Journal of Electrical Engineering & Technology	2025	21	Phạm Thị Xuân Hoa	https://doi.org/10.1007/s42835-025-02466-1
18	Application of Neural Networks for Fault Detection of Module in Decentralized DC/DC Power Converters	2025 International Symposium on Electrical and Electronics Engineering (ISEE)	2025		Dinh Tuyen Nguyen, Quoc Dung Phan, Nguyễn Phú Công	https://ieeexplore.ieee.org/document/11223463
19	Jamming for Securing NOMA with Energy Harvesting: Performance Analysis	Wireless Personal	2025	142	Khuong Ho-Van, Pham Ngoc Son, Trần Hoàn	https://doi.org/10.1007/s11277-025-11801-8

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		Communications				
20	Low-cost remotely-operated vehicle navigation with GPS and RF LoRa integration	Archives for Technical Sciences	2025	33 (2)	Van Dung Nguyen, Viet Thang Le, Huu Khoa Tran, Trần Thanh Trang	http://dx.doi.org/10.70102/afts.2025.1833.297
21	SVPWM Technique for Decentralized Controlled Three-Phase, Multi-Level Power Converters	Journal of Technical Education Science	2025	20	Phu Cong Nguyen, Quoc Dung Phan, Dinh Tuyen Nguyen	https://jte.edu.vn/index.php/jte/article/view/1774
22	Space vector modulation technique for common mode voltage reduction in A 3 phase 5 level inverter	HUIT Journal of Science	2025	25 (4)	Xuan tuyet Tran Thi, Phu Cong Nguyen	https://journal.huit.edu.vn/journal/journal/single/4906
23	Energy Harvesting-enabled Short Packet Communications in Cognitive Radio Networks: OMA or NOMA?	Physical Communication	2025	73	Thiem Do-Dac, Hồ Văn Khương	https://doi.org/10.1016/j.phycom.2025.102918
24	Performance Analysis of Short-Packet Communication in MIMO System with Nonlinear Energy Scavenging	Iranian Journal of Science and Technology, Transactions of Electrical Engineering	2025	49 (3)	Khuong Ho-Van, Lê Thành Tới	https://link.springer.com/article/10.1007/s40998-025-00815-4
25	War Strategy Optimization for Energy Loss and Electricity Purchase Cost Minimization in Distribution Power Grids by Optimizing Location and	International Transactions on Electrical Energy Systems	2025	2025	Thang Trung Nguyen, Anh Viet Truong, Trần Văn Hải	https://doi.org/10.1155/etep/5119735

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	Capacity of Clean Power Sources and Soft Open Point Components					
26	Environmental And Economic Optimization For Transmission Power Networks With Facts And Renewable Power Sources Using Artemisinin Optimization Algorithm	International Journal of Environmental Sciences	2025	11(17 s)	Thang Trung Nguyen, Ly Huu Pham, Phu Trieu Ha, Le Chi Kien, Tuan Anh Nguyen, Trần Văn Hải	https://theaspd.com/index.php/ijes/article/view/4693
27	Secrecy analysis of orthogonal/nonorthogonal multiple access in energy scavenging-enabled short-packet transmission	Computer Communications	2025	240	Khuong Ho-Van, Thiem Do-Dac, Lê Thành Tới	https://www.sciencedirect.com/science/article/abs/pii/S0140366425001719
28	Uplink transmission in NOMA systems with energy harvesting and jamming: performance evaluation	Telecommunication Systems	2025	88 (2)	Khuong Ho-Van, Lê Thành Tới	https://link.springer.com/article/10.1007/s11235-025-01284-0
29	Underlay networks with nonorthogonal multiple access and energy harvesting: performance analysis	Iranian Journal of Science and Technology,	2025	49 (2)	Khuong Ho-Van, Cuong Tran-Minh, Lê Thành Tới	https://link.springer.com/article/10.1007/s40998-025-00803-8
30	Performance analysis for IRS-enabled full-duplex energy harvesting NOMA under practical imperfections	Wireless Networks	2025	31 (4)	Khuong Ho-Van, Thiem Do-Dac, Lê Thành Tới	https://link.springer.com/journal/11276/volumes-and-issues/31-4
31	Decentralized Control for Modular Multilevel Interlinking Converter in Standalone Microgrid Operation	e-Prime - Advances in Electrical Engineering, Electronics and Energy	2025	13	Quoc Dung Phan, Dinh Tuyen Nguyen, Nguyễn Phú Công	https://doi.org/10.1016/j.prime.2025.101036

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32	application of iot to supervise and compensate power factor (cosφ) in the electrical system at the electrical practice workshop	HUIT Journal of Science	2025	24 (4)	Nguyen Thanh Truong, Chiem Trong Hien	https://doi.org/10.62985/j.huit_ojs.vol25.no4.330
33	An IoT-based water quality monitoring system for recirculating aquaculture systems	HUIT Journal of Science	2025	25 (6)	Trần Minh Nhựt	https://doi.org/10.62985/j.huit_ojs.vol25.no6.366
34	Minimize the One-Year Energy for Distribution Power Grids With Renewable Energies-Based Distributed Generators, Capacitors, and Soft Open Points	International Journal of Energy Research	2025	2025	Thang Trung Nguyen, Tan Minh Phan, Anh Viet Truong, Trần Văn Hải	https://doi.org/10.1155/er/3457520
35	Influences of the Sm ³⁺ -Eu ³⁺ codoped Ba ₂ Gd(BO ₃) ₂ Cl phosphors on the commercial white light emitting diodes	Indonesian Journal of Electrical Engineering and Computer Science	2025	39 (1)	My Hanh Nguyen Thi, Lưu Hồng Quân	http://doi.org/10.11591/ijeecs.v39.i1.pp62-69
36	Improved low voltage ride-through scheme for PMSG-based wind energy conversion systems	HUIT Journal of Science	2025	2025 (1)	Nguyễn Tân Thạch, Văn Tấn Lượng, Nguyen Minh Tien	https://doi.org/10.62985/j.huit_ojs.vol25.no1.163
37	Optimized AC-Circulating Current for Active Cross-Connected Modular Multilevel Converter in Medium-Voltage Motor Drive Applications	GMSARN International Journal	2025	19 (2)	Văn Tấn Lượng	https://gmsarnjournal.com/home/wp-content/uploads/2024/06/vol19no2-17.pdf
38	Case Study Of Water-Resistant Motorcycle Model	HUIT Journal of Science	2025	25 (2)	Tran Le Phuoc, Cao Quoc Khanh, Tran Hoan	https://doi.org/10.62985/j.huit_ojs.vol25.no2.180
39	Optimization Of Soft Open Points (Sops) And Renewable	HUIT Journal of Science	2025	25 (5)	Tran Van Hai, Truong Viet Anh, Tran Trong	https://doi.org/10.62985/j.huit_ojs.vol25.no5.318

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	Energy To Minimize Power Loss And Electricity Purchasing Cost In The Ieee 33-Node Distribution Grid				Hieu, Pham Thi Xuan Hoa	
40	PID Controller Design Based On The Ziegler-Nichols Method For The Ball And Plate System	International Journal of Engineering Research and Applications	2025	15 (3)	Trần Thị Như Hà	
41	Development of Random Pulse Width Modulation Technique for Voltage Source Inverter Drives	International Journal of Power Electronics and Drive Systems	2025	16 (1)	Quoc Dung Phan, Minh Khoi Huynh, Manh Duc Nguyen, Quoc Dat Luong, Nguyễn Phú Công	http://doi.org/10.11591/ijpeds.v16.i1.pp642-656
42	Decentralized Multilevel Inverters based on SVPWM for Five-Phase Permanent Magnet Synchronous Motor	Journal of Electrical Engineering & Technology	2025	20 (1)	Dinh Tuyen Nguyen, Quoc Dung Phan, Nguyễn Phú Công	https://doi.org/10.1007/s42835-024-01951-3
43	Implementing Two Dimensions Decentralized Carrier Phase Shift Method for Multicell Serial-Parallel Inverters	IEEE Open Journal of Power Electronics	2025	6	Dinh Tuyen Nguyen, Quoc Dung Phan, Nguyễn Phú Công	https://doi.org/10.1109/OJPEL.2025.3529520
44	Average Achievable Rate Analysis for Reliable Control in UAV-Based Short-Packet Communication Networks	Wireless Personal Communications	2025	140(1-2)	Tran Trung Duy, Nguyen Quang Sang, Hoang Van Toan, Pham Minh Nam, Ngô Hoàng Ân	https://link.springer.com/article/10.1007/s11277-024-11718-8
45	DualCompliCube reflector: A novel reflex reflector design for dual standard compliance and enhanced automotive safety	Electrical and Electronic Engineering	2025	321	Lanh-Thanh Le, Lê Thanh Hiền	https://doi.org/10.1016/j.ijleo.2024.172170

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46	Control Of Parallel Connected Power Converters In Ac/Dc Microgrid	HUIT Journal of Science	2025	25 (4)	Nguyen Thi Bich Hau, Dinh Xuan Tan, Tran Trong Hieu, Pham Thi Xuan Hoa	https://journal.huit.edu.vn/uploads/files/so-tap-chi/nam-2025/Tap-25-So-4/7_2024030009.R2_ketnoisongsong-11p-69-79..pdf
47	Universal Foundation Segmentation Model for Medical Imaging: Where Are We Now	IFMBE Proceedings	2025	122	Truc Phuong Nguyen, Nguyễn Thanh Đức	https://link.springer.com/chapter/10.1007/978-3-031-90194-2_68
48	A New Ant-Inspired 2- DOF Compliant Mechanism with High Frequency and Large Workspace for Potential Application in Material Testing	Arabian Journal for Science and Engineering	2024	50	Thanh-Phong Dao, Hieu Giang Le, Ngoc Thoai Tran, Hung Van Le, Hung Dinh Nguyen, Trần Hồng Văn	https://doi.org/10.1007/s13369-024-09338-2
49	Fault-tolerant control scheme of modular multilevel converter in medium-voltage motor drive applications	HUIT Journal of Science	2024	24 (3)	Nguyễn Hồng Nhi, Lê Đức Dũng, Văn Tấn Lượng	https://doi.org/10.62985/j.huit_ojs.vol24.no3.85
50	Intelligence Arcing Failure Diagnosis Using Frequency Component Extraction for IoT Applications	Lecture Notes on Data Engineering and Communications Technologies	2024	1	Heejae Park, Laihyuk Park, Đặng Hoàng Long	https://doi.org/10.1007/978-3-031-75593-4
51	Study On Face Mask Detection Algorithm For Robots In Disease Prevention	HUIT Journal of Science	2024	24 (4)	Tran Hoan, Hoang Dac Huy	https://doi.org/10.62985/j.huit_ojs.vol24.no4.111
52	Economic Load Dispatch for Multiple Fuels and Solar Energy Based Generating Units	GMSARN International Journal	2024	18 (4)	Tan Minh Phan, Hanh Hoang Minh, Dung Anh Le	https://gmsarnjournal.com/home/wp-content/uploads/2024/03/vol18no4-5.pdf
53	Secure IRS-assisted energy scavenging NOMA impaired by realistic factors	Digital Signal Processing	2024	155	Khuong Ho-Van, Lê Thành Tới	https://www.sciencedirect.com/science/article/pii/S1051200424004007?dgcid=author

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54	Intelligent Control Strategies for Magnetic Levitation System: Leveraging Type-2 Fuzzy CMAC and Elman Neural Networks	IEEE Access	2024	12	Tien-loc Le, Van-phong Vu, Van-binh Ngo, Duc tri Do, Chiêm Trọng Hiền	https://ieeexplore.ieee.org/document/10741527
55	Observer-based single-phase robustness sliding mode controller for the pitch control of a variable speed wind turbine	TELKOMNIKA Telecommunication Computing Electronics and Control	2024	22 (5)	Van-Duc Phan, Cong-Trang Nguyen, Chiêm Trọng Hiền	http://doi.org/10.12928/telkomnika.v22i5.25866
56	Observer-based single phase robustness load frequency sliding mode controller for multi-area interconnected power systems	Bulletin of Electrical Engineering and Informatics	2024	13 (5)	Van-Duc Phan, Cong-Trang Nguyen, Chiêm Trọng Hiền	https://doi.org/10.11591/eei.v13i5.7893
57	Decentralized Multilevel Inverters based on CPWM for Five-Phase Permanent Magnet Synchronous Motor	2024 Tenth International Conference on Communications and Electronics (ICCE)	2024		Dinh Tuyen Nguyen, Quoc Dung Phan, Nguyễn Phú Công	https://ieeexplore.ieee.org/document/10634688
58	Improved Controller for Interlinking Converter in Hybrid AC/DC Microgrids	Journal of Technical Education Science (JTE)	2024	19 (6)	Trần Văn Hải, Phạm Thị Xuân Hoa, Lê Thanh Hiền	https://doi.org/10.54644/jte.2024.1719
59	The Controller Improves Voltage Quality In Microgrids	Journal of Technical Education Science (JTE)	2024	19 (6)	Trần Văn Hải, Phạm Thị Xuân Hoa, Lê Thanh Hiền	https://doi.org/10.54644/jte.2024.1602

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60	Optimal Allocation of Soft Open Points on Distribution Power Grid with High Penetration of Renewable Energy to Reduce Energy Loss for One day	Lecture Notes in Networks and Systems 1199	2024	2	Trieu Ngoc Ton, Thang Trung Nguyen, Anh Viet Truong, Tan Minh Phan, Trần Văn Hải	https://doi.org/10.1007/978-3-031-76232-1_19
61	Outage Performance Of Energy Harvesting Assisted Multi-Hop M2M Networks With Partial Relay Selection Methods	Advances In Electrical And Electronic Engineering	2024	22 (4)	Nguyen Tien Tung, Ngoc-Lan Nguyen, Nguyen Trong Huan, Ngô Hoàng Ân	https://advances.vsb.cz/index.php/AEEE/article/view/240407
62	Hybrid switched-capacitor-based boost DC–DC converter with reduced voltage stress	The Journal of Engineering	2024	24 (10)	Thanh Hai Nguyen, Văn Tấn Lượng	https://doi.org/10.1049/tje2.70017
63	Enhanced Step-up DC-DC Converter for Next-Generation Sustainable Energy Application	Journal of Electrical Engineering & Technology	2024	19 (8)	Lê Đức Dũng, Văn Tấn Lượng	https://doi.org/10.1007/s42835-024-01899-4
64	Design A Chest X-Ray-Based Diagnosis Program	HUIT Journal of Science	2024	24 (4)	Ngo Hoang An, Le Minh Thanh, Le Trach Dinh	https://doi.org/10.62985/j.huit_ojs.vol24.no4.112
65	Intelligence Detection of DC Parallel Arc Failure With Featuring From Different Domains	IEEE Access	2024	12	Seungdeog Choi, Sangshin Kwak, Đặng Hoàng Long	https://ieeexplore.ieee.org/abstract/document/10500362
66	Various Feature-Based Series Direct Current Arc Fault Detection Methods Using Intelligence Learning Models and Diverse Domain Exclusion Techniques	Machines	2024	12 (4)	Seungdeog Choi, Sangshin Kwak, Đặng Hoàng Long	https://doi.org/10.3390/machines12040235
67	Advanced Learning Technique Based on Feature Differences of	Machines	2024	12 (3)	Seungdeog Choi, Sangshin Kwak,	https://doi.org/10.3390/machines12030167

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	Moving Intervals for Detecting DC Series Arc Failures				Đặng Hoàng Long	
68	DC Series Arc Fault Diagnosis Scheme Based on Hybrid Time and Frequency Features Using Artificial Learning Models	Machines	2024	12 (2)	Seungdeog Choi, Sangshin Kwak, Đặng Hoàng Long	https://doi.org/10.3390/machines12020102
69	An efficient control scheme for active cross-connected modular multilevel converters	Green Energy and Technology	2024		Nguyễn Thanh Bình, Văn Tấn Lượng	https://doi.org/10.1007/978-981-97-1868-9_69
70	5-Level Three-Phase Hybrid Multilevel Inverter Based on 3-Leg Inverter and Half-Bridge Modules	Green Energy and Technology	2024		Ngoc Minh Doan Nguyen, Văn Tấn Lượng	https://doi.org/10.1007/978-981-97-1868-9
71	Performance Enhancement for Multi-hop Short Packet Communication Networks with Amplify-and-Forward Based Hop-by-Hop Cooperative Transmission	Green Energy and Technology	2024		Tran Trung Duy, Nguyen Thi Hau, Nguyen Quang Sang, Ngô Hoàng Ân	https://link.springer.com/chapter/10.1007/978-981-97-1868-9_72
72	Secure MIMO Communication in Energy Harvesting-assisted NOMA Cognitive Radio Network with Jamming under Hardware Impairment	Physical Communication	2024	66	Khuong Ho-Van, Lê Thành Tới	https://doi.org/10.1016/j.phycom.2024.102437
73	Secured NOMA Full-Duplex Transmission with Energy Harvesting	IEEE Access	2024	12	Khuong Ho-Van, Lê Thành Tới	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10579736
74	Simulating and Analyzing the Flat Corner Cube Reflectors for Automotive Safety to Comply	Green Energy and Technology	2024		Hue-Thi Nguyen, Lanh-Thanh Le, Lê Thanh Hiền	https://link.springer.com/chapter/10.1007/978-981-97-1868-9_85

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	with US SAE and EU ECE Regulations					
75	Nonorthogonal multiple access multiple input multiple output communications with harvested energy: Performance evaluation	ETRI Journal	2024	46 (3)	Khuong Ho-Van, Lê Thành Tới	https://doi.org/10.4218/etrij.2023-0048
76	Three-phase four-leg quasi-z-source inverter with constant common-mode voltage	Journal of Electrical Engineering & Technology	2024	19 (4)	Văn Tấn Lượng	https://doi.org/10.1007/s42835-023-01709-3
77	Control of unified power quality conditioner under grid voltage sag and nonlinear loads	HUIT Journal of Science	2024	24 (4)	Huỳnh Nhật Quang, Văn Tấn Lượng, Nguyễn Thị Thanh Trúc	https://doi.org/10.62985/j.huit_ojs.vol24.no4.99
78	A Hybrid Cross-Connected Modular Multilevel Converter for Medium-Voltage Variable-Speed Motor Drives	GMSARN International Journal	2024	18 (2)	Văn Tấn Lượng	https://gmsarnjournal.com/home/journal-vol-18-no-2/
79	Fast Model Predictive Control For 3-Level T-Type Inverter To Balance Capacitor Voltage And Reduce Common-Mode Voltage	HUIT Journal of Science	2024	24 (3)	Pham Thi Xuan Hoa, Tran Van Hai, Doan Xuan Nam	https://huitjournal.vn/journal/journal/single/3679
80	Dc Arc Fault Diagnosis In Three-Phase Inverters Using Machine Learning Models Combined With Frequency Component Extraction Technique	HUIT Journal of Science	2024		Dang Hoang Long, Van Tan Luong	
81	MIMO NOMA with Nonlinear Energy Harvesting and Imperfect Channel Information	Arabian Journal for Science and Engineering	2024	49 (5)	Khuong-Ho Van, Lê Thành Tới	https://doi.org/10.1007/s13369-023-08401-8

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82	Design of A Real-Time Solar Power Monitoring and Controlling System Using Internet of Things	Advances in Electrical and Electronic Engineering	2024	22 (2)	Tran Huu Khoa, Trần Thanh Trang, Lê Thành Tới	DOI: 10.15598/aeec.v22i2.5709
83	Performance Evaluation Of Reconfigurable Intelligent Surface Aided Multi-Hop Relaying Schemes With Short Packet Communication	Advances In Electrical And Electronic Engineering	2024	22 (1)	Anh-Vu Le, Nguyen Tien Tung, Tran Trung Duy, Nguyen Trong Kien, Pham Minh Quang	http://advances.utc.sk/index.php/AEEE/article/view/5583
84	Skill optimization algorithm for solving optimal power flow problem	Bulletin of Electrical Engineering and Informatics	2024	13 (1)	Ly Huu Pham, Minh Phuc Duong, Chiêm Trọng Hiền	https://doi.org/10.11591/eei.v13i1.5280
85	Improved Two Dimensions Decentralized Interleaving Method for Multicell Serial-Parallel Power Converters	Lecture Notes in Electrical Engineering	2024	1081	Quoc Dung Phan, Nguyễn Phú Công	https://link.springer.com/chapter/10.1007/978-981-99-8703-0_35
86	Implementation Decentralized Space Vector PWM Method For Multilevel Multiphase Converters	IEEE Access	2024	12	Dinh Tuyen Nguyen, Quoc Dung Phan, Nguyễn Phú Công	https://ieeexplore.ieee.org/document/10413450
87	Optimal placement and operation of soft open points, capacitors, and renewable distributed generators in distribution power networks to reduce total one-year energy loss	Heliyon	2024	10 (5)	Tan Minh Phan, Thang Trung Nguyen, Anh Viet Truong, Trần Văn Hải	https://doi.org/10.1016/j.heliyon.2024.e26845
88	Comparative Analysis of Flat Cube Reflectors for Automotive Safety to Meet Regulatory Standards of US Society of	TEM Journal	2024	13 (2)	Yose Indarta, Fadhli Ranuharja, Tai-Van Ba, Lanh-Thanh Le, Lê Thanh Hiền	DOI: 10.18421/TEM132-60

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	Automotive Engineers and EU Economic Commission for Europe					
89	Jellyfish search algorithm for economic load dispatch under the considerations of prohibited operation zones, load demand variations, and renewable energy sources	IAES International Journal of Artificial Intelligence (IJ-AI)	2024	13 (1)	Thang Trung Nguyen, Thuan Thanh Nguyen, Chiêm Trọng Hiền	http://doi.org/10.11591/ijai.v13.i1.pp74-81
90	Optimal placement and operation of soft open points, capacitors, and renewable distributed generators in distribution power networks to reduce total one-year energy loss	Heliyon	2024	10 (5)	Tan Minh Phan, Thang Trung Nguyen, Anh Viet Truong, Trần Văn Hải	https://doi.org/10.1016/j.heliyon.2024.e26845
91	Comparative Analysis of Flat Cube Reflectors for Automotive Safety to Meet Regulatory Standards of US Society of Automotive Engineers and EU Economic Commission for Europe	TEM Journal	2024	13 (2)	Yose Indarta, Fadhli Ranuharja, Tai-Van Ba, Lanh-Thanh Le, Lê Thanh Hiền	DOI: 10.18421/TEM132-60
92	Jellyfish search algorithm for economic load dispatch under the considerations of prohibited operation zones, load demand variations, and renewable energy sources	IAES International Journal of Artificial Intelligence (IJ-AI)	2024	13 (1)	Thang Trung Nguyen, Thuan Thanh Nguyen, Chiêm Trọng Hiền	http://doi.org/10.11591/ijai.v13.i1.pp74-81
93	Fractional Order Control of Three-Phase Four-Wire Inverters	Lecture Notes in Electrical Engineering	2024	1081	Ngoc Diep Pham, Ngoc Minh Doan	https://link.springer.com/chapter/10.1007/978-981-99-8703-0_37

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	under Unbalanced and Nonlinear Load Conditions				Nguyen, Văn Tấn Lượng	
94	Low Voltage Ride-Through Capability Based Dynamic Voltage Restorers for DFIG Wind Turbine System	Lecture Notes in Electrical Engineering	2024	1081	Duy Khiem Nguyen, Văn Tấn Lượng	https://link.springer.com/chapter/10.1007/978-981-99-8703-0_55
95	DC Series Arc Failure Diagnosis Using Artificial Machine Learning With Switching Frequency Component Elimination Technique	IEEE Access	2023	11	Seungdeog Choi, Sangshin Kwak, Đặng Hoàng Long	https://ieeexplore.ieee.org/abstract/document/10295440
96	Empirical Filtering-Based Artificial Intelligence Learning Diagnosis of Series DC Arc Faults in Time Domains	Machines	2023	11 (10)	Seungdeog Choi, Sangshin Kwak, Đặng Hoàng Long	https://doi.org/10.3390/machines11100968
97	Evaluation of Single-Phase DC-AC Converters with Condition Monitoring Algorithm of Aluminum Electrolytic Capacitors Using Artificial Learnings with Various Circuit Signals and Filtering Combinations	Journal of Electrical Engineering & Technology	2023	18 (7)	Seungdeog Choi, Sangshin Kwak, Hyejin Park, Đặng Hoàng Long	https://doi.org/10.1007/s42835-023-01426-x
98	Metalized Polymer-Film Capacitors Health Estimation for Three-Phase DC to AC Converters with Artificial Intelligences	2023 8th International Conference on Business and Industrial Research (ICBIR)	2023		Namhun Kim, Sangshin Kwak, Đặng Hoàng Long	https://ieeexplore.ieee.org/abstract/document/10147473

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99	Performance Evaluation Of Wirelessly Energy Harvesting Multihop Relaying Schemes Using Fountain Codes Over Weibull Fading Channels	Journal of Science and Technology on Information and Communications	2023	1 (4)	Ngô Hoàng Ân, Nguyễn Quang Sang, Từ Lâm Thanh, Trần Trung Duy, Tân Hạnh	https://jstic.ptit.edu.vn/jstic-ptit/index.php/jstic/article/view/1079
100	Performance of Energy Harvesting Aided Multi-hop Mobile Relay Networks With and Without Using Cooperative Communication	2023 International Conference on System Science and Engineering (ICSSE)	2023		Nguyen Luong Nhat, Nguyen Thanh Binh, Tran Trung Duy, Nguyen Ngoc Son, Pham Xuan Minh, Ngô Hoàng Ân	https://ieeexplore.ieee.org/document/10227223
101	Advancing LED Lighting Systems: Integrated Luminaires with White Flame Barrier and Optics Film for Enhancing Efficiency	International Conference on Sustainable Energy Technologies - (ICSET 2023)	2023		Minh- Anh Tran, Lanh- Thanh Le, Lê Thanh Hiền	https://icset2023.iuh.edu.vn/proceeding-m367
102	Performance Analysis of Overlay-based Cognitive Radio Networks with MRC/SC and DT/AF/DF	Wireless Networks	2023	29 (8)	Khuong Ho-Van, Lê Thành Tới	https://doi.org/10.1007/s11276-023-03446-x
103	Jamming-and-Relaying Strategy for Non-linear Energy Scavenging Networks	Arabian Journal for Science and Engineering	2023	48 (11)	Khuong Ho-Van, Lê Thành Tới	https://doi.org/10.1007/s13369-023-07832-7
104	Energy Harvesting Aided Multi-Hop Relaying Networks Using Incremental Cooperation And Partial Relay Selection		2023	1 (1)	Ngô Hoàng Ân, Nguyễn Văn Hiền, Đỗ Văn Việt Em, Nguyễn Trung Hiếu	https://jstic.ptit.edu.vn/jstic-ptit/index.php/jstic/article/view/946

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105	Advancing LED Lighting Systems: Integrated Luminaires with White Flame Barrier and Optics Film for Enhancing Efficiency	International Conference on Sustainable Energy Technologies - (ICSET 2023)	2023		Lanh- Thanh Le, Minh- Anh Tran, Lê Thanh Hiền	https://icset2023.iuh.edu.vn/proceeding-m367
106	Performance Analysis of Overlay-based Cognitive Radio Networks with MRC/SC and DT/AF/DF	Wireless Networks	2023	29 (8)	Khuong Ho-Van, Lê Thành Tới	https://doi.org/10.1007/s11276-023-03446-x
107	Jamming-and-Relaying Strategy for Non-linear Energy Scavenging Networks	Arabian Journal for Science and Engineering	2023	48 (11)	Khuong Ho-Van, Lê Thành Tới	https://doi.org/10.1007/s13369-023-07832-7
108	Energy Harvesting Aided Multi-Hop Relaying Networks Using Incremental Cooperation And Partial Relay Selection	Journal of Science and Technology on Information and Communications	2023	1 (1)	Ngô Hoàng Ân, Nguyễn Văn Hiền, Đỗ Văn Việt Em, Nguyễn Trung Hiếu	https://jstic.ptit.edu.vn/jstic-ptit/index.php/jstic/article/view/946
109	Fault-tolerant capability of MMC with novel structure of middle submodules	Journal of Power Electronics	2023		Dong-Choon Lee, Eui-Cheol Nho, Lê Đức Dũng	https://doi.org/10.1007/s43236-023-00679-z
110	Power control in microgrid using improved virtual impedance method	The Journal of Engineering	2023	2023 (5)	Trương Đình Nhơn, Đoàn Xuân Nam, Phạm Thị Xuân Hoa, Trần Văn Hải	https://doi.org/10.1049/tje2.12274
111	Control Of Three-Phase Two-Level Ac/Dc Converter Using Backstepping Control Technique	Journal of Science technology and food	2023		Nguyen Thi Thanh Truc, Nguyen Thi Bich Hau	

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112	Optimization of switched reluctance motor base on Quasi-Newton method	Journal of Science technology and food	2023		Lê Lương Hương Thảo, Nguyễn Thị Bích Hậu	
113	Decentralized carrier phase angle interpolation method for 2d structures	Journal of Science technology and food	2023		Phan Quốc Dũng, Nguyễn Phú Công	
114	Decentralized space vector pulse width modulation method for multilevel single-phase half bridge converters	VNUHCM Journal of Engineering And Technology	2023	6 (2)	Dinh Tuyen Nguyen, Phan Quốc Dũng, Nguyễn Phú Công	tps://stdjet.scienceandtechnology.com.vn/index.php/stdjet/article/view/1022
115	Power Control In Microgrid Using Improved Virtual Impedance Method	Journal of Science technology and food	2023		Luong Tan Nhat, Le Khắc Sinh, Pham Thi Xuan Hoa	
116	Voltage And Frequency Control For Inverters In Microgrid	Journal of Science technology and food	2023		Nguyen Dinh Truong Giang, Le Khắc Sinh, Pham Thi Xuan Hoa	
117	Security In Energy Harvesting Overlay-Based Cognitive Radio Networks	Journal of Science technology and food	2023	23 (1)	Tran Trong Hieu , Le Thanh Toi , Ho Van Khuong	https://jstf.hufi.edu.vn/bao-mat-trong-mang-vo-tuyen-nhan-thuc-dang-phu-co-thu-thap-nang-luong-20230331000000000file
118	Nonlinear Control Of Three-Phase Three-Level Ac/Dc Converter	Journal of Science technology and food	2023		Nguyen Xuan Tri, Le Minh Thanh	
119	Performance Analysis of Wireless Communications with Nonlinear Energy Harvesting	Sensors	2023	23 (7)	Hồ Văn Khương Lê Thành Tới	https://doi.org/10.3390/s23073619

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	under Hardware Impairment and κ - μ Shadowed Fading					
120	Performance evaluation of nonlinear energy scavenging overlay networks	International Journal of Communication Systems	2023	36 (2)	Hồ Văn Khương Lê Thành Tới	https://doi.org/10.1002/dac.5380
121	A Novel metaheuristic algorithm for electrical generation cost optimization of Photovoltaic-hydro-thermal power systems	GMSARN International Journal	2023	17 (2)	Hanh Minh Hoang, Ly Huu Pham, Võ Song Vệ	
122	Analysis and Diagnosis Scheme of Parallel Arc Failure in DC Power Lines	Journal of Electrical Engineering & Technology	2022	18 (5)	Jaechang Kim, Seungdeog Choi, Sangshin Kwak, Đặng Hoàng Long	https://doi.org/10.1007/s42835-022-01273-2
123	Identifying DC Series and Parallel Arcs Based on Deep Learning Algorithms	IEEE Access	2022	10 (7)	Sangshin Kwak, Seungdeog Choi, Đặng Hoàng Long	https://ieeexplore.ieee.org/document/9833500
124	Parallel DC Arc Failure Detecting Methods Based on Artificial Intelligent Techniques	IEEE Access	2022	10	Sangshin Kwak, Seungdeog Choi, Đặng Hoàng Long	https://ieeexplore.ieee.org/document/9729730
125	Detection Algorithms of Parallel Arc Fault on AC Power Lines Based on Deep Learning Techniques	Journal of Electrical Engineering & Technology	2022	17	Chang-Ju Park, Sangshin Kwak, Seungdeog Choi, Đặng Hoàng Long	https://doi.org/10.1007/s42835-021-00976-2
126	A Random Carrier Frequency PWM Method for Decentralized Multilevel Full Bridge Converters	2022 IEEE 9th International Conference on Communications and Electronics	2022		Phan Quốc Dũng, Nguyễn Phú Công	

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127	Performance Evaluation Of Multi-Hop Relaying IoTs Networks Using Hop-By-Hop Cooperative Transmission Under Impact of Co-channel Interference	Research in Intelligent and Computing in Engineering	2022	33	Trần Trung Duy, Từ Lâm Thanh, Đoàn Văn Đồng, Nguyễn Quang Sang, Nguyễn Ngọc Sơn, Ngô Hoàng Ân	http://dx.doi.org/10.15439/2022R14
128	Adaptive processing in overlay networks for performance improvement	Wireless Networks	2022	28 (8)	Hồ Văn Khương Lê Thành Tới	https://doi.org/10.1007/s11276-022-03089-4
129	Design Of Pid Controller Based On Ziegler-Nichols Method For Ball And Plate System	Journal of Science Technology and Food	2022	22 (3)	Tran Thi Nhu Ha, Tran Hoan, Duong Van Khai	
130	Adaptive Sliding Neuron Controller Design Apply To Ball And Beam Balance System	Journal of Science Technology and Food	2022	22 (3)	Duong Van Khai , Tran Thi Nhu Ha , Nguyen Van Dang	
131	Model Predictive Control For 3-Phase 3-Level Diode Lamped Inverter	Journal of Science Technology and Food	2022	22 (3)	Tran Van Hai, Pham Thi Xuan Hoa	
132	Optimal Placement And Sizing of Distributed Generations And Shunt Capacitor Banks on Distribution Systems	Journal of Science Technology and Food	2022	22 (3)	Tran Van Hai, Trần Trọng Hiếu	
133	Space vector pulse width modulation for asymmetric flying capacitor three-level inverter	2022 IEEE Ninth International Conference on Communications and	2022		Đoàn Xuân Nam Nguyễn Văn Nhò	

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		Electronics (ICCE)				
134	Single Phase Second Order Sliding Mode Controller for Mismatched Uncertain Systems with Extended Disturbances and Unknown Time-Varying Delays	Journal of Advanced Engineering and Computation (JAEC)	2022	6 (2)	Cong-Trang Nguyen, an-Duc Phan, Chiêm Trọng Hiện	http://dx.doi.org/10.55579/jaec.202262.353
135	Single phase second order sliding mode controller for complex interconnected systems with extended disturbances and unknown time-varying delays	International Journal of Electrical and Computer Engineering (IJECE)	2022	12 (5)	Cong-Trang Nguyen, Van-Duc Phan, Chiêm Trọng Hiện	http://doi.org/10.11591/ijece.v12i5.pp4852-4860
136	Three-Phase Hybrid Multilevel Inverter Using Two-level Inverter and H-Bridge Modules	SWPEA2022	2022		Nguyễn Văn Nhò, Nguyễn Ngọc Minh Đoàn, Văn Tấn Lượng	
137	Design And Construction Of The Face-Mask Atm	Journal of Science Technology and Food	2022	22 (3)	Tran Hoan, Tran Thi Nhu Ha	
138	Design And Implement The Object-Tracking Vehicle	Thu Dau Mot University Journal of Science	2022	3 (58)	Lê Khắc Sinh	https://vjol.info.vn/index.php/tm/article/view/68485
139	Analyze And Evaluate The Performance Of Noma-Crn Using Deep Learning	Journal of Science Technology and Food	2022		Le Minh Thanh, Nguyen Huu Su, Ngo Hoang An	

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140	VARIABLE STEP SIZE MPPT ALGORITHM BASED ON P&O	Journal of Science Technology and Food	2022	22 (3)	Duong Van Khai, Bui Van Hien, Le Khac Sinh	
141	Improved power controller for enhancement of voltage quality in microgrid	Journal of Engineering- JOE	2022	2022 (8)	Phạm Thị Xuân Hoa	DOI: 10.1049/tje2.12147
142	Control Of Grid-Connected Dfig Wind Turbine System During The Grid Fault	Journal of Science Technology and Food	2022	22 (3)	Nguyen Thi Thanh Truc, Bui Quang Huy	
143	Effect of Hardware Imperfections and Energy Scavenging Nonlinearity on Overlay Networks in K- μ Shadowed Fading	Arabian Journal for Science and Engineering	2022		Hồ Văn Khương, Lê Thành Tới	10.1007/s13369-022-06890-7
144	Overlay Networks with Nonlinear Energy Scavenging and NOMA-Assisted Decoding: Security Performance Analysis	Arabian Journal for Science and Engineering	2022	47 (11)	Hồ Văn Khương, Lê Thành Tới	https://doi.org/10.1007/s13369-022-06973-5
145	Joint Influences of Erroneous Channel Information, Fading Severity, Jamming Suppression Error, Energy Harvesting Non-Linearity on Underlay Relaying Networks	Arabian Journal for Science and Engineering	2022	47	Hồ Văn Khương, Lê Thành Tới	10.1007/s13369-022-06789-3
146	Security-and-Reliability Trade-off of Energy Harvesting-Based Underlay Relaying Networks with Transmit Antenna Selection and Jamming	Arabian Journal for Science and Engineering	2022	47	Hồ Văn Khương, Lê Thành Tới	https://doi.org/10.1007/s13369-021-06413-w

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147	A Methodology to Design Static NCL Libraries	Journal of Low power Electronics and applications	2022	12 (2)	Hoàng Trang, Truong Trí Lạc, Lê Thành Tới	https://doi.org/10.3390/jlpea12020031
148	Benefits of using TiO2 quantum dots in producing low-cost and high-quality white light-emitting diodes	TELKOMNIKA Telecommunication Computing Electronics and Control	2022	20 (3)	Phan Xuân Lễ, Nguyễn Đoàn Quốc Anh, Tôn Thất Phùng, Đặng Hữu Phúc, Chiêm Trọng Hiền	
149	Comparison between SEPs of CaCO3 and TiO2 in phosphor layer for better color uniformity and stable luminous flux of WLEDs with 7,000 K	Materials Science-Poland	2022	40 (1)	Hsiao-Yi Lee, Phan Xuân Lễ, Nguyễn Đoàn Quốc Anh, Lê Văn Thọ, Trần Thanh Trang	
150	A New Decentralized Space Vector PWM Method for Multilevel Single-Phase Full Bridge Converters	Energies	2022	15 (3)	Phan Quốc Dũng, Nguyễn Đình Tuyên, Nguyễn Phú Công	https://doi.org/10.3390/en15031010
151	Multi-Period Economic Load Dispatch with Wind Power Using a Novel Metaheuristic	GMSARN International Journal	2022	16 (2)	Chiêm Trọng Hiền, Phu Trieu Ha Thang Hong Phan-Van, Tan Minh Phan	http://gmsarnjournal.com/home/
152	Different Domains Based Machine and Deep Learning Diagnosis for DC Series Arc Failure	IEEE Access	2021	9	Sangshin Kwak, Seungdeog Choi, Đặng Hoàng Long	https://ieeexplore.ieee.org/document/9650867
153	Deep learning-based series AC arc detection algorithms	Journal of Power Electronics	2021	21 (10)	Chang-Ju Park, Sangshin Kwak, Seungdeog Choi,	https://doi.org/10.1007/s43236-021-00299-5

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					Đặng Hoàng Long	
154	Series DC Arc Fault Detection Using Machine Learning Algorithms	IEEE Access	2021	9	Jaechang Kim, Sangshin Kwak, Seungdeog Choi, Đặng Hoàng Long	10.1109/ACCESS.2021.3115512
155	Application of convolutional neural network algorithm to recognize a complex book cover	Saigon University Tạp Chí Khoa Học Scientific Journal Đại Học Sài Gòn of Saigon University	2021	75	Trần Hoàn, Hồ Nhật Minh, Văn Tấn Lượng	http://sj.sgu.edu.vn/?p=3748
156	Feedback Linearization-Based Control Strategy for Interlinking Inverters of Hybrid AC/DC Microgrids with Seamless Operation Mode Transition	energies	2021	14 (18)	Ammar Natsheh, Asif Nawaz, Nguyễn Thanh Hải, Văn Tấn Lượng	https://doi.org/10.3390/en14185613
157	Improved Model Predictive Control for Asymmetric T-Type NPC 3-Level Inverter	Electronics	2021	10 (18)	Nguyễn Văn Nhò, Đoàn Xuân Nam	https://doi.org/10.3390/electronics10182244
158	Virtual Space Vector Pulse Width Modulation for Asymmetric T-Type Neutral Point Clamped 3-Level Inverter	Mathematical Problems in Engineering	2021	2021	Nguyễn Văn Nhò, Đoàn Xuân Nam	https://doi.org/10.1155/2021/1379040
159	A solution to design semi-static Null Convention Logic cell libraries	International Journal Of Circuits, Systems And Signal Processing	2021	15	Hoàng Trang, Trương Trí Lạc, Lê Thành Tới	DOI: 10.46300/9106.2021.15.180

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160	The Development of Decentralized Space Vector PWM Method for Multilevel Multiphase Converters	2020 IEEE Eighth International Conference on Communications and Electronics (ICCE)	2021		Nguyễn Phú Công Quoc Dung Phan	https://ieeexplore.ieee.org/document/9352119
161	Decentralized Capacitor Voltage Control of Flying Capacitor Multilevel Inverter	2021 International Symposium on Electrical and Electronics Engineering (ISEE)	2021		Nguyễn Phú Công Phan Quốc Dũng Nguyễn Hữu Khoa Minh Phạm Lê Nam Tô Hữu Phúc	https://ieeexplore.ieee.org/document/9418671
162	Decentralized control multilevel three phase inverter using level shift carrier method	Journal of Food Science and Technology	2021		Nguyễn Phú Công Phan Quốc Dũng	https://jstf.hufi.edu.vn/uploads/files/so-tap-chi/nam-2021/Tap-21-So-1/3_23-35.pdf
163	The flow of converting from Synchronous design to Asynchronous Null Convention Logic design. Case study of S-box in AES encryption in secure router	IEEE	2021		Lê Thành Tới Trương Trí Lạc Hoàng Trang	DOI: 10.1109/ACOMP50827.2020.00023
164	Power consumption Improvements in AES decryption based on Null Convention Logic	International Journal Of Circuits, Systems And Signal Processing	2021	15	Lê Thành Tới Trương Trí Lạc Hoàng Trang	DOI: 10.46300/9106.2021.15.29

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165	Low power circuit design using NCL based asynchronous method	Indonesian Journal of Electrical Engineering and Computer Science	2021	23 (3)	Lê Thành Tới Trương Trí Lạc Hoàng Trang	DOI: 10.11591/ijeecs.v22.i3.pp1284-1294
166	Research on Designing The Ventilator	Journal of Food Science and Technology	2021	21 (1)	Lê Thành Tới Nguyễn Hoàng Anh Vũ Trần Trọng Hiếu	https://vjol.info.vn/index.php/hufi/article/view/55750
167	An improved controller for reactive power sharing in islanded microgrid	Electrical Engineering	2021	103	Phạm Thị Xuân Hoa	https://doi.org/10.1007/s00202-020-01160-x
168	Calculation And Design Of An Island-Mode Electrical Power System Supply To The Residential Area	Journal of Food Science and Technology	2021	21 (1)	Phạm Thị Xuân Hoa Lê Thanh Trí	
169	Triple-layer remote phosphor structure: a novel option for the enhancement of WLEDs' color quality and luminous flux	Materials Science-Poland	2021	38 (4)	Trần Thanh Trang Tôn Thất Phùng Nguyễn Thị Mỹ Hạnh Nguyễn Đoàn Quốc Anh	DOI: 10.2478/msp-2020-0076
170	Optimal Reactive Power Generation for Transmission Power Systems Considering Discrete Values of Capacitors and Tap Changers	Applied Sciences	2021	11 (12)	Chiêm Trọng Hiền, LÊ Chí Kiên, Nguyễn Trung Thắng	https://www.mdpi.com/2076-3417/11/12/5378
171	Performance evaluation of cognitive multi-hop networks to assist building system	Journal of Science Technology and Food	2021	21 (1)	Ngô Hoàng Ân, Phạm Minh Nam, Lê Văn Hùng, Trần Minh Hồng	https://jstf.hufi.edu.vn/performance-evaluation-of-cognitive-multi-hop-networks-to-assist-building-system-20210429195555033file

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172	Optimizing the Performance of the Photovoltaic System using the Micro DC-DC Converter	IEEE Xplore	2021		Bùi Văn Hiền, Fan Yang, Trương Việt Anh, Trịnh Trọng Chuông, Nguyễn Đức Minh	DOI: 10.1109/SPIES52282.2021.9633791
173	An Improved Error Interpolator of Milling CNC Controller Based on FPGA	2020 International Conference on Advanced	2021		Tran Hoang Giang, Nguyen Huy Hung, Bui Thanh Luan, Lê Khắc Sinh	https://ieeexplore.ieee.org/document/9310160/metrics#metrics
174	Review of Health Monitoring Techniques for Capacitors Used in Power Electronics Converters	Sensors	2020	20 (13)	Sangshin Kwak, Đặng Hoàng Long	https://doi.org/10.3390/s20133740
175	Outage Performance of Power Beacon-Aided Multi-Hop Cooperative Cognitive Radio Protocol Under Constraint of Interference and Hardware Noises	Electronics	2020	9 (6)	Ngô Hoàng Ân Phạm Minh Nam Phạm Ngọc Sơn Phan Văn Ca Trần Trung Duy	https://doi.org/10.3390/electronics9061054
176	Control Of Voltage Compensation To Enhance Ride-Through Of Dfig Wind Turbine During Symmetrical And Asymmetrical Grid Faults	Journal of Food Science and Technology	2020	2	Nguyễn Thị Thanh Trúc Phan Thị Chiêu Mỹ Văn Tấn Lượng	https://jstf.hufi.edu.vn/control-of-voltage-compensation-to-enhance-ride-through-of-dfig-wind-turbine-during-symmetrical-and-asymmetrical-grid-faults-20200923140330007file
177	Nonlinear control of dynamic voltage restorer to improve LVRT capability in wind turbine systems	Journal of Food Science and Technology	2020	19 (2)	Nguyễn Thị Thanh Trúc Văn Tấn Lượng Đỗ Văn Sỹ	https://jstf.hufi.edu.vn/nonlinear-control-of-dynamic-voltage-restorer-to-improve-lvrt-capability-in-wind-turbine-systems-20200323085507610file
178	Exploiting Direct Link in Two-Way Half-Duplex Sensor Network over Block Rayleigh Fading Channel: Upper Bound	Sensors	2020	20 (1)	Trần Thanh Trang, Phu Tran Tin, Tan N. Nguyen, Minh Tran,	doi:10.3390/s20041165

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	Ergodic Capacity and Exact SER Analysis				Lukas Sevcik	
179	Control Of Dynamic Voltage Restorer Under Voltage Sag And Nonlinear Load	Journal of Science and Technology on Information and Communications	2020	40B	Nguyễn Trọng Huân, Hồ Nhựt Minh, Ngô Hoàng Ân	http://jstic.ptit.edu.vn/index.php/jstic/issue/view/18
180	Study On Optimal Configuration For Grid-Connected Solar Energy System	Journal of Food Science and Technology	2020	20 (4)	Nguyễn Thị Bích Hậu	https://jstf.hufi.edu.vn/nam-2020/tap-20-so-04 https://vjol.info.vn/index.php/hufi
181	Comparative evaluation of power quality solutions using active power filters	Journal of Science Technology and Food	2020	20 (4)	Đặng Ngọc Khoa, Văn Tân Lượng, Hồ Vũ Đức Thắng	
182	Voltage Stability Assessment In Power Transmission System Using Sensitivity Analysis Method	Journal of Science Technology and Food	2020	20 (4)	Nguyen Ngoc Minh Doan, Van Tan Luong	
183	An Improvement of Maximum Power Point Tracking Algorithm Based on Particle Swarm Optimization Method for Photovoltaic System	IEEE Xplore	2020			DOI: 10.1109/GTSD50082.2020.9303110
184	Predictive Control Method Based on Adjacent Vector Confinement Technique for a Three-Phase AC-DC Matrix Converter with High Efficiency	Electronics	2019	8 (12)	Sangshin Kwak, Eun-Su Jun, Đặng Hoàng Long	https://doi.org/10.3390/electronics8121535
185	Reduction of DC Current Ripples by Virtual Space Vector	Energies	2019	12 (22)	Eun-Su Jun, Sangshin Kwak,	https://doi.org/10.3390/en12224319

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	Modulation for Three-Phase AC–DC Matrix Converters				Đặng Hoàng Long	
186	The Simulation Study of Process Variation on Threshold Voltage in 180nm Floating-Gate device	The Simulation Study of Process Variation on Threshold Voltage in 180nm Floating-Gate device	2019		Hoàng Trang, Đặng Công Thịnh, Lê Thành Tới	10.1109/ISCIT.2019.8905125
187	Technology Education Challenges and Solution to Design a Process Design Kit for Digital CMOS Technology in Vietnam	ISCIT 2019	2019		Trang Hoang, Thinh Dang Cong, Lê Thành Tới	
188	Study On Display Algorithms For Digital Water Curtain	Journal of Science Technology and Food	2019	19 (2)	Tran Hoan, Ngo Dinh Duy Khanh, Van Tan Luong	https://jstf.hufi.edu.vn/nguyen-cuu-giai-thuat-hien-thi-tranh-man-nuoc-20200323091730453file
189	K ₂ SiF ₆ :Mn ⁴⁺ phosphor: recommendation for improving LO and D-CCT of the 7700K RPW-LEDs	International Journal of Electrical and Computer	2019	9 (5)	Phu Tran Tin , Minh Tran , Van-Duc Phan , Hoang-Nam Nguyen , Tran Thanh Trang	DOI: 10.11591/ijece.v9i5.pp3975-3980
190	Optimal tuning PID controller of unstable fractional order system by desired transient characteristics using RIM	Indonesian Journal of Electrical Engineering and Computer Science	2019	4 (3)	Phu Tran Tin , Le Anh Vu , Minh Tran , Nguyen Quang Dung, Tran Thanh Trang	DOI: 10.11591/ijeecs.v14.i3.pp1177-1188
191	K ₂ SiF ₆ :Mn ⁴⁺ phosphor: a novel solution for improving the color	Digest Journal of Nanomaterials	2019	14 (2)	T. T. TRANGa , P. T. TINc, * , N. H.	

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	properties of the 5600K CPW-LEDs	and Biostructures			KHANH NHANb , M. TRAN	
192	yellow-emitting YAG:Ce phosphor: influence of particle size on optical efficiency of the high color temperature conformal packaging WLEDs	Digest Journal of Nanomaterials and Biostructures	2019	14 (1)	Nguyen Huu Khanh Nhan, Tran Hoang Quang Minh, Phu Tran Tin, Trần Thanh Trang	
193	improving the optical properties of RP-WLEDs by co-doping α -SrO•3B2O3:Sm2+ conversion phosphor into yellow-emitting phosphor packaging	Digest Journal of Nanomaterials and Biostructures	2019	14 (1)	Trần Thanh Trang Nguyen Huu Khanh Nhan, Tran Hoang Quang Minh, Le Anh Vu, Phu Tran Tin	
194	Using real interpolation method for adaptive identification of nonlinear inverted pendulum system	International Journal of Electrical and Computer Engineering	2019	9 (2)	Phu Tran Tin , Tran Hoang Quang Minh , Tran Thanh Trang , Nguyen Quang Dung	DOI: 10.11591/ijece.v9i2.pp.1078-1089
195	Design and kinetostatic modeling of a compliant gripper for grasp and autonomous release of objects	Advanced Robotics	2018	32	Tien-Hoang Ngo, Dung-An Wang, Thanh-Phong Dao, Thang-An Nguyen, Tien-Hoang Ngo, Trần Hồng Văn	https://doi.org/10.1080/01691864.2018.1503094
196	Improving CQS, CRI and LO of the 5600K RP-WLEDs by Red-emitting Conversion Phosphor	International journal of Automation and Smart Technology	2018	8 (4)	Trần Thanh Trang Nguyen Huu Khanh Nhan, Tran Hoang Quang Minh,	DOI: 10.5875/ausmt.v8i4.1545

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					Le Anh Vu, Phu Tran Tin	
197	Co-doping red-emitting Sr ₂ Si ₅ N ₈ :Eu ²⁺ into yellow-emitting phosphor-packaging for enhancing the optical properties of the 8500 K remote-phosphor packaging WLEDs	Digest Journal of Nanomaterials and Biostructures	2018	13 (4)	Trần Thanh Trang Nguyen Huu Khanh Nhan, Tran Hoang Quang Minh, Phu Tran Tin, an N. Nguyen, Miroslav Voznak	
198	Sr ₂ Si ₅ N ₈ :Eu ²⁺ phosphor: a novel recommendation for improving the lighting performance of the 7000 K remote-packaging white LEDs	Proceedings of the Estonian Academy of Sciences	2018	67 (4)	Trần Thanh Trang Nguyen Huu Khanh Nhan, Tran Hoang Quang Minh, Phu Tran Tin, an N. Nguyen, Miroslav Voznak	
199	Economic Load Dispatch with Multiple Fuel Options and Valve Point Effect Using Cuckoo Search Algorithm with Different Distributions	International Journal of Hybrid Information Technology	2015	8 (1)	Nguyen Trung Thang, Dao Thanh Tam, Tran Dinh Cuong, Võ Song Vê	http://dx.doi.org/10.14257/ijhit.2015.8.1.27
200	Short-Term Hydrothermal Scheduling Based on Lagrange Function and Determining Initial Hydrothermal Generations	International Journal of u- and e- Service, Science	2015	8 (3)	Nguyễn Minh Đức Cường, Đào Thanh Tâm, Võ Song Vê	http://dx.doi.org/10.14257/ijunesst.2015.8.3.24
201	The new power sharing method for three phase parallel inverters with nonlinear loads	Science And Technology Development Journal	2015	18	Phạm Thị Xuân Hoa Lê Minh Phương Lê Tấn Đại	https://doi.org/10.32508/stdj.v18i1.937

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202	Adjusting the Voltage and Frequency based on Fuzzy logic Control for Parallel Inverters in Microgrid	Journal of Science and Technology	2015	110 (2016)	Phạm Thị Xuân Hoa	
203	Economic Emission Load Dispatch with Multiple Fuel Options Using Cuckoo Search Algorithm with Gaussian and Cauchy distributions	International Journal of Energy, Information and Communications	2014	5 (5)	Thang Trung Nguyen, Toan Minh Le, Sang Dang Ho, Võ Song Vê	http://dx.doi.org/10.14257/ijeic.2014.5.5.04
204	LTE Indoor MIMO Performances Field Measurements	The 2014 International Conference on Advanced Technologies for Communications	2014		Lê Thành Tới Lê Tiến Thường Nguyễn Thanh Đức Bùi Thư Cao	DOI: 10.1109/ATC.2014.7043361
205	Developing Function Models of Back-to-Back PWM Converters for Simplified Simulation	Journal of Power Electronics	2011	11 (1)	Dong-Choon Lee, Văn Tấn Lượng	
206	Designing and making a real time Hydroponic vegetable farm water quality monitoring system	Journal of Science technology and food			Trần Thanh Trang, Phan Văn Hiệp	
207	A control method for parallel inverters in Microgrid based on sliding mode and droop controls	Science And Technology Development Journal		18	Phạm Thị Xuân Hoa Nguyễn Minh Huy	DOI: https://doi.org/10.32508/stdj.v18i1.937
208	Green-emitting CaF ₂ :Ce ³⁺ , Tb ³⁺ phosphor: selection for improving luminous	Materials Science-Poland		26 (4)	Trần Thanh Trang, Hsiao-Yi Lee,	

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	flux and color quality of conformal geometry white LED lamps				Nguyen Huu Khanh Nhan, ran Hoang Quang Minh, Phu Tran Tin	