

BÀI BÁO QUỐC TẾ 2018-2023

Stt	Tên bài báo	Tên tác giả	Tên tạp chí	Năm xuất bản	Ghi chú 1
466	3D UAV Trajectory and Data Collection Optimisation Via Deep Reinforcement Learning	Khoi Khac Nguyen; Trung Q. Duong; Tan Do-Duy; Holger Claussen; Lajos Hanzo	IEEE Transactions on Communications, Vol. 70, Issue 4, ISSN 1558-0857, 01 February 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
467	4-D Memristive Chaotic Systems-Based Audio Secure Communication Using Dual-Function-Link Fuzzy Brain Emotional Controller	Tuan-Tu Huynh*, Chih-Min Lin*, Duc-Hung Pham, Ngoc Phi Nguyen, Nguyen-Quoc-Khanh Le, Mai The Vu, Van-Phong Vu and Fei Chao	International Journal of Fuzzy Systems, (2022), ISSN 1562-2479, 2199-3211, May 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
471	A Deep Learning Approach for Predicting Subject-Specific Human Skull Shape from Head Toward a Decision Support System for Home-Based Facial Rehabilitation	Ho-Quang Nguyen, Tan-Nhu Nguyen, Vi-Do Tran, Tien-Tuan Dao*	Innovation and Research in BioMedical engineering (IRBM), Available online 1 June 2022, 100724, ISSN 1959-0318	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
472	A hybrid approach of artificial neural network-particle swarm optimization algorithm for optimal load shedding strategy	Nghia Trong Le, Tan Trieu Phung, Anh. Huy Quyen, Bao Long Phung Nguyen, Au Ngoc Nguyen	International Journal of Electrical and Computer Engineering (IJECE), Vol.12, No.4, pp. 4253-4263, ISSN 2088-8708, August 2022, tháng 08/2022	2022	Bài báo đăng trên tạp chí xếp hạng Scopus (Q3)
473	A LQR Neural Network Control Approach for Fast Stabilizing Rotary Inverted Pendulums	Huynh Vinh Nghi, Dinh Phuoc Nhien, and Dang Xuan Ba	International Journal of Precision Engineering and Manufacturing, vol. 23, pp. 45-56, ISSN 2005-4602, Jan 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
477	A novel multichannel UART design with FPGA-based implementation	Ngoc Pham-Thai, Bao Ho-Ngoc, Tan Do-Duy*, Phuc Quang Truong and Van-Ca Phan	International Journal of Computer Applications in Technology, Vol. 67, No. 4, pp. 358-369, ISSN: 0952-8091, 4/2022	2022	Bài báo đăng trên tạp chí xếp hạng ESCI (Q3)
478	A Polynomial Decentralized Controller Design for A Large-Scale Nonlinear System: SOS Approach	Van-Phong Vu	IEEE Access, Vol. 10, pp. 44008 - 44022, Online ISSN: 2169-3536, 2022, April 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
479	A Power Line Lightning Protection Method for Television and Radio Stations	Quang Trung Le, Huy Anh Quyen, Trong Nghia Le, Trieu Tan Phung, Hong Hau Pham	Engineering, Technology and Applied Science Research, Vol. 12, No. 3, 2022, pp. ISSN 8592-8596, 2241-4487, June, 2022	2022	Bài báo đăng trên tạp chí xếp hạng ESCI
485	A Semi-Automatic Wheelchair with Navigation Based on Virtual-Real 2D Grid Maps and EEG Signals	Ba-Viet Ngo and Thanh-Hai Nguyen	Applied Sciences, Volume 12, Issue 17 (September-1 2022), pp. 8880, ISSN 2076-3417, published 4 September 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
492	A Ternary Neural Network with Compressed Quantized Weight Matrix for Low Power Embedded Systems	Son Ngoc Truong	Engineering, Technology & Applied Science Research, Vol. 12, No. 2, 2022, IeISSN 1792-8036, pISSN 2241-4487, April 2022	2022	Bài báo đăng trên tạp chí xếp hạng ESCI
493	A VGG-19 Model with Transfer Learning and Image Segmentation for Classification of Tomato Leaf Disease	Thanh-Hai Nguyen, Thanh-Nghia Nguyen and Ba-Viet Ngo	AgriEngineering, Volume 4, Issue 4 (December 2022), pp 871-887, ISSN 2624-7402	2022	Bài báo đăng trên tạp chí xếp hạng ESCI

502	An DPWM for active DC-Link Type Quasi-Z-Source Inverter to Reduce Component Voltage Rating	Duc-Tri Do, Vinh-Thanh Tran and Khai Nguyen	Energies, Volume 15, Issue 13 (July-1 2022), ISSN: 1996-1073	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
504	An Improved Equilibrium Optimizer for Optimal Placement of Distributed Generators in Distribution Systems considering Harmonic Distortion Limits	Thai Dinh Pham, Thang Trung Nguyen, Le Chi Kien	Complexity, Volume 2022, Article ID 3755754, ISSN: 1076-2787, 13 Dec 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
507	An intelligent sliding mode controller of robotic manipulators with output constraints and high-level adaptation	Dang Xuan Ba	International Journal of Robust and Nonlinear Control, Early Accept, ISSN 1099-1239, First published: 10 May 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
508	Analytical expressions of time-domain responses of protection circuits to reverse ISO pulses in automotive applications	Ly-Minh-Duy Le	IEEE Access, vol. 10, pp. 54742-54750, Electronic ISSN: 2169-3536, May 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
512	Attenuated-chattering adaptive second order variable structure controller for mismatched uncertain systems	Phan-Thanh Nguyen, Trieu Ton Ngoc, Cong-Trang Nguyen	TELKOMNIKA Telecommunication, Computing, Electronics and Control, Vol 20, No 3, June 2022, pp680-690, ISSN: 1693-6930, e-ISSN: 2302-9293	2022	Bài báo đăng trên tạp chí xếp hạng Scopus (Q3)
516	Coot Optimization Algorithm for Optimal Placement of 3 Photovoltaic Generators in Distribution Systems Considering 4 Variation of Load and Solar Radiation	Le Chi Kien, Truong Thi Bich Nga, Tan Minh Phan, Thang Trung Nguyen*	Mathematical Problems in Engineering, Volume 2022, Article ID 2206570, ISSN: 1024-123X, ISSN: 1024-123X, Published: 11 Apr 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
517	Current limiting algorithm for three-phase grid-connected inverters	Tho Quang Tran	Archives of Electrical Engineering, 71, no. 3, pp. 559–579, ISSN: 1427-4221, eISSN: 2300-2506, 2022.08.29	2022	Bài báo đăng trên tạp chí xếp hạng ESCI (Q3)
518	Deep Learning Method for Fault Diagnosis in High Voltage Transmission Lines: A Case of the Vietnam 220kV Transmission Line	Le Van Dai*, Nguyen Nhan Bon, Le Cao Quyen	International Journal on Electrical Engineering and Informatics, Vol. 14 No. 2, June 2022, Printed ISSN 2085-6830/ online e-ISSN 2087-5886	2022	Bài báo đăng trên tạp chí xếp hạng Scopus (Q3)
521	Digital Twin-Aided Intelligent Offloading With Edge Selection in Mobile Edge Computing	Tan Do-Duy, Dang Van Huynh, Octavia A. Dobre, Berk Canberk, Trung Q. Duong	IEEE WIRELESS COMMUNICATIONS LETTERS, vol. 11, no. 4, pp. 806-810, ISSN 2162-2345, 25 January 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
523	Dual-hop relaying networks for short-packet URLLCs: Performance analysis and optimization	Nguyen Thi Yen Linh; Ngo Hoang Tu; Pham Ngoc Son; Vo Nguyen Quoc Bao*	Journal of Communications and Networks, Vol. 24, no. 4, pp. 408-418., ISSN 1229-2370, Aug. 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
529	Enhanced head-skull shape learning using statistical modeling and topological features	Tan-Nhu Nguyen, Vi-Do Tran, Ho-Quang Nguyen, Duc-Phong Nguyen & Tien-Tuan Dao*	Medical & Biological Engineering & Computing, Vol. 60, pp 559–581 (2022), ISSN 0140-0118, February 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)

540	Fault Identification, Classification, and Location on Transmission Lines Using Combined Machine Learning Methods	Nguyen Nhan Bon, Le Van Dai	International Journal of Engineering and Technology Innovation, Vol 12 No 2 (2022), pp. 91-109, Feb 2022, ISSN 2223-5329 (Print), ISSN 2226-809X (Online)	2022	Bài báo đăng trên tạp chí trong danh mục ESCI/Scopus (Q4)
542	Fault Tolerant Control Methods for Three-Level Boost T-Type Inverter	Duc-Tri Do; Vinh-Thanh Tran; Minh-Khai Nguyen; Sanjeev Naik	IEEE Transactions on Industrial Electronics (Early Access), Date of Publication: 10 August 2022, Print ISSN: 0278-0046, Electronic ISSN: 1557-9948	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
546	Finding Optimal Solutions for the Placement of Reactive and Active Power Generation Components in Distribution Networks Using a High-Performance Metaheuristic Algorithm	Le Chi Kien, Nguyen Thi Yen Tuyet, Tan Minh Phan, Thang Trung Nguyen	International Transactions on Electrical Energy Systems, Volume 2022, Article ID 3761983, ISSN: 2050-7038, Published: 08 Jun 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
548	Finite-Time Output Control for Uncertain Robotic Manipulators With Time-Varying Output Constraints	Duc Thien Tran, Hoai Vu Anh Truong, Maolin Jin, Kyoung Kwan Ahn	IEEE Access, Vol. 10, pp. 119119 - 119131., ISSN 2169-3536, November 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
555	Intelligent reflecting surface assisted transceiver design optimization in non-linear SWIPT network with heterogeneous users	Pham Viet Tuan* & Pham Ngoc Son	Wireless Networks, Vol. 28, pp. 1889–1908 (2022), ISSN 1022-0038, July 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
558	Load Shedding in Microgrids with Dual Neural Networks and AHP Algorithm	Le Thi Hong Nhung, TT Phung, HMV Nguyen, Trong Nghia Le, TA Nguyen, TD Vo	Engineering, Technology & Applied Science Research, Vol. 12, No. 1, 2022, pp. 8090-8095, ISSN 2241-4487, February, 2022	2022	Bài báo đăng trên tạp chí xếp hạng ESCI
561	Maximize the penetration level of photovoltaic systems and shunt capacitors in distribution systems for reducing active power loss and eliminating conventional power source	Le Chi Kien, Tan Minh Phan, Thuan Thanh Nguyen, Thang Trung Nguyen*	Sustainable Energy Technologies and Assessments, Volume 52, Part C, August 2022, 102253, ISSN: 2213-1388, Online: April 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
566	Multi-constraint two-way underlay cognitive network using reconfigurable intelligent surface	Thu-Thuy Thi Dao & Pham Ngoc Son*	Wireless Networks, Vol. 28, 2017–2030 (2022)., ISSN 1022-0038, July 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
574	On the Power-Splitting Relaying Protocol for SWIPT with Multiple UAVs in Downlink NOMA-IoT Networks	Huu Q. Tran , Ca V. Phan, and Quoc-Tuan Vien	Wireless Communications and Mobile Computing, Volume 2022 Article ID 3018225, ISSN: 1530-8669, Sept 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
578	Optimal Placement of Photovoltaic Distributed Generation Units in Radial Unbalanced Distribution Systems Using MATLAB and OpenDSS-Based Cosimulation and a Proposed Metaheuristic Algorithm	Thai Dinh Pham, Thang Trung Nguyen, Le Chi Kien	International Transactions on Electrical Energy Systems, Volume 2022, Article ID 1446479, ISSN: 2050-7038, November 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
579	Optimization of Load Ranking and Load Shedding in a Power System Using the Improved AHP Algorithm	Trong Nghia Le, H. M. V. Nguyen, T. A. Nguyen, T. T. Phung, B. D. Phan	Engineering, Technology and Applied Science Research, Vol. 12 No. 3 (2022): June, 2022, pp. 8512-8519, ISSN 2241-4487, June 2022	2022	Bài báo đăng trên tạp chí xếp hạng ESCI
589	R peak determination using a WDFR algorithm and adaptive threshold	Thanh-Nghia Nguyen, Thanh-Hai Nguyen, and Ba-Viet Ngo	Applied Computer Science, Vol.18, No.3, pp.19-30, ISSN 2353-6977, Sept 2022	2022	Bài báo đăng trên tạp chí xếp hạng Scopus (Q4)

591	Real-time Optimised Path Planning and Energy Consumption for Data Collection in UAV-aided Intelligent Wireless Sensing	Dang Huynh-Van; Tan Duy Do; Long Dinh Nguyen; Minh-Tuan Le; Nguyen-Son Vo; Trung Q. Duong	IEEE Transactions on Industrial Informatics Volume: 18, Issue: 4, April 2022 (Date of Publication: 21 September 2021), Print ISSN: 1551-3203, Electronic ISSN: 1941-0050	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
593	Reduction of Power Losses Using Phase Load Balancing Method in Power Networks Based on the Selective Probabilistic Discrete Particle Swarm Optimization	Viet-Anh Truong, Pham Quoc Khanh, Minh Thuyen Chau, Nguyen Thanh Nhan	Computational Intelligence Methods for Green Technology and Sustainable Development. Proceedings of GTSD 2022. Lecture Notes in Networks and Systems, vol 567, Online ISBN 978-3-031-19694-2, pp 413-422	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
597	Sensorless sliding mode control method for a three-phase induction motor	Nguyen Vinh Quan, Mai Thang Long	Electrical Engineering (2022), Published 27 May 2022, Electronic ISSN 1432-0487, Print ISSN 0948-7921	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
598	Short packet communication in underlay cognitive network assisted by an intelligent reflecting surface	Pham Ngoc Son*, Tran Trung Duy, Pham Viet Tuan, Tan-Phuoc Huynh	ETRI Journal, ETRI Journal (2022), 1– 17., ISSN 2233-7326, First published: 17 September 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
599	Signal Preprocessing Technique With Noise-Tolerant for RF-Based UAV Signal Classification	Dae-il Noh, Seon-Geun Jeong, Huu-Trung Hoang, Quoc-Viet Pham, Thien Huynh-The , Mikio Hasegawa, Hiroo Sekiya, Sun-young Kwon*, Sang-hwa Chung, and Won-Joo Hwang*	IEEE Access, vol. 10, pp. 134785-134798, ISSN 2169-3536, Date of Publication: 23 December 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
605	Sound Context Classification based on Joint Learning Model and Multi-Spectrogram Features	Dat Ngo, Lam Pham, Anh Nguyen Tien Ly, Khoa Pham, Thanh Ngo	International Journal of Computing Volume 21, Issue 2, June 2022, pp 258-270, ISSN 1727-6209 (Print), ISSN 2312-5381 (Online)	2022	Bài báo đăng trên tạp chí xếp hạng Scopus (Q3)
606	Space Vector Modulation Method-Based Common Mode Voltage Reduction for Active Impedance-Source T-Type Inverter	Vinh-Thanh Tran; Minh-Khai Nguyen; Duc-Tri Do; Youn-Ok Choi*	IEEE Access, Vol 10, pp 10149 - 10159, ISSN 2169-3536, Tháng 01/2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
607	Synchronization Sliding Mode Control of Closed-Kinematic Chain Robot Manipulators with Time-Delay Estimation	Tu Thi Cam Duong ,Charles C. Nguyen and Thien Duc Tran*	Applied Sciences, Volume 12, Issue 11 (June-1 2022), ISSN: 2076-3417	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
619	UAV-aided Aerial Reconfigurable Intelligent Surface Communications with Massive MIMO System	M.-H. T. Nguyen; E. Garcia-Palacios; Tan D.D.; O. A. Dobre; T. Q. Duong*	IEEE Transactions on Cognitive Communications and Networking, vol. 8, no. 4, pp. 1828-1838, ISSN 2332-7731, June 2022	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
620	Unmanned aerial vehicle-aided edge networks with ultra-reliable low-latency communications: A digital twin approach	Yijiu Li, Dang Van Huynh, Tan Do-Duy , Emi Garcia-Palacios, Trung Q. Duong*	IET Signal Processing, Volume16, Issue8, October 2022, pp. 897– 908, ISSN 1751-9683	2022	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)