

**BÀI BÁO QUỐC TẾ 2018-2023**

Stt	Tên bài báo	Tên tác giả	Tên tạp chí	Năm xuất bản	Ghi chú 1
198	A Dynamic Threshold Quantization Method for Ternary Neural Networks for Low-cost Mobile Robots	Son Ngoc Truong	International Journal of Computer Science and Network Security, vol. 20, no. 2, pp. 16-20, ISSN 1738-7906, Feb. 2020	2020	Bài báo đăng trên tạp chí xếp hạng ESCI
199	A Fast Adaptive Time-delay-estimation Sliding Mode Control for Robot Manipulators	Dang Xuan Ba	Advances in Science, Technology and Engineering Systems Journal, Vol. 5, No. 6, 904-911, 2020, ISSN 2415-6698, December 2020	2020	Bài báo đăng trên tạp chí xếp hạng Scopus (Q3)
203	A Hybrid Artificial Neural Network - Genetic Algorithm for Load Shedding in Power	Tan T. Phung, Nghia T. Le* , Anh Huy Quyen, Hau H. Pham, and An T. Nguyen	GMSARN International Journal, Volume 14, Number 1, March 2020, pp. 21-28, ISSN:1905-9094	2020	Bài báo đăng trên tạp chí xếp hạng Scopus (Q4)
204	A Low-cost Artificial Neural Network Model for Raspberry Pi	Son Ngoc Truong	Engineering, Technology & Applied Science Research, vol. 10, no. 2, pp. 5466-5469, ISSN 2241-4487, Apr. 2020	2020	Bài báo đăng trên tạp chí xếp hạng ESCI
205	A new approach for two-way relaying networks: improving performance by successive interference cancellation, digital network coding and opportunistic relay selection	Pham Ngoc Son*, and T. T. Duy	Wireless Networks, Volume 26, Issue 2, February 2020, pp. 1315-1329., ISSN 1022-0038	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
206	A Nonlinear Sliding Mode Controller of Serial Robot Manipulators with Two-Level Gain-Learning Ability	Dang Xuan Ba and Joonbum Bae	IEEE Access, vol. 8, pp. 189224-189235, Oct 2020. (SCIE)	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
208	A novel method based on coyote algorithm for simultaneous network reconfiguration and distribution generation placement	Thuan Thanh Nguyen, Thang Trung Nguyen*, <b>Ngoc Au Nguyen</b> , Thanh Long Duong	Ain Shams Engineering Journal, Volume 12, Issue 1, March 2021, Pages 665-676, Available online 30 July 2020, 12p, ISSN 2090-4479	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
212	A statistical shape modeling approach for predicting subject-specific human skull from head surface	Tan-Nhu Nguyen, Vi-Do Tran, Ho-Quang Nguyen and Tien-Tuan Dao	Medical & Biological Engineering & Computing, Volume 58, issue 10, Oct-2020, page 2355–2373, ISSN 1741-0444	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
213	A Study on Input Power Factor Compensation Capability of Matrix Converters	Huu-Nhan Nguyen, Minh-Khai Nguyen, Truong-Duy Duong, Tan-Tai Tran, Young-Cheol Lim and Joon-Ho Choi	Electronics, Volume 9, Issue 1 (January 2020), ISSN 2079-9292	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
214	A Three-Level DC-Link Quasi-Switch Boost T-Type Inverter with Voltage Stress Reduction	Vinh-Thanh Tran, Duc-Tri Do, Van-Dung Do and Minh-Khai Nguyen *	Energies - MDPI, Volume 13 Issue 14, Published: 20 July 2020, ISSN 1996-1073	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)

215	A Three-Phase Constant Common-Mode Voltage Inverter With Triple Voltage Boost for Transformerless Photovoltaic System	Tan-Tai Tran; Minh-Khai Nguyen; Van-Quang-Binh Ngo; Huu-Nhan Nguyen; Truong-Duy Duong; Young-Cheol Lim*, Joon-Ho Choi	IEEE Access ( Volume: 8), Page(s): 166692 - 166702, Date of Publication: 10 September 2020, Electronic ISSN: 2169-3536	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
222	Application of AHP algorithm on power distribution of load shedding in island microgrid	An. T. Nguyen, Nghia T. Le, Anh. H. Quyen, Binh T. T. Phan, Tan P. Trieu, Thien D. Hua	International Journal of Electrical and Computer Engineering (IJECE), Vol. 11, No. 2, April 2021, pp. 1011~1021, ISSN: 2088-8708	2020	Bài báo đăng trên tạp chí xếp hạng Scopus (Q3)
224	Application of Dual Artificial Neural Networks for Emergency Load Shedding Control	Nghia. T. Le, Anh. Huy. Quyen, Au. N. Nguyen, Binh. T. T. Phan, An. T. Nguyen, Tan. T. Phung	IJACSA-International Journal of Advanced Computer Science and Applications, Vol. 11, No. 4, 2020, pp. 74-82, E-ISSN: 2156-5570, 2020	2020	Bài báo đăng trên tạp chí xếp hạng ESCI (Q4)
225	Artifact elimination in ECG signal using wavelet transform	Thanh-Nghia Nguyen, Thanh-Hai Nguyen, Van-Thuyen Ngo	TELKOMNIKA Telecommunication, Computing, Electronics and Control, Vol. 18, No. 2, April 2020, pp. 936~944	2020	Bài báo đăng trên tạp chí xếp hạng Scopus (Q1)
230	Common Mode Voltage Elimination for Quasi-Switch Boost T-Type Inverter Based on SVM Technique	Duc-Tri Do; Minh-Khai Nguyen*; Van-Thuyen Ngo; Thanh-Hai Quach and Vinh-Thanh Tran	Electronics, Volume 9, Issue 1 (January 2020) ISSN 2079-9292	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
233	DC-Link Quasi-Switched Boost Inverter With Improved PWM Strategy and its Comparative Evaluation	Minh-Khai Nguyen; Truong-Duy Duong; Young-Cheol Lim*; Joon-Ho Choi; D. Mahinda Vilathgamuwa; Geoffrey R. Walker	IEEE Access ( Volume: 8), Page(s): 53857 - 53867, Date of Publication: 16 March 2020, Electronic ISSN: 2169-3536	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
239	Dosimetric comparison of Intensity Modulated Radiation Therapy (IMRT) and Field-in-Field (FIF) technique for head-and-neck cancer	Nguyen Thi Lan, Hoang Dai Viet, Duong Thanh Tai, James C.L. Chow	Journal of Radiotherapy in Practice, FirstView, Published online by Cambridge University Press: 20 November 2020, ISSN 1460-3969, ESCI	2020	Bài báo đăng trên tạp chí xếp hạng ESCI (Q4)
244	Finite-length Performance Comparison of Network Codes using Random vs Pascal Matrices	Tan Do-Duy, M. A. Vázquez-Castro	International Journal of Electronics and Communications, Volume 114, Feb-2020, ISSN 1434-8411	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
250	Improved Coyote Optimization Algorithm for Optimally Installing Solar Photovoltaic Distribution Generation Units in Radial Distribution Power Systems	Thang Trung Nguyen, Thai Dinh Pham, Le Chi Kien, Le Van Dai	Complexity, Volume 2020, Article ID 1603802, ISSN: 1076-2787, Published 13 Feb 2020	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
254	Input Power Factor Compensation Strategy for Zero CMV-SVM Method in Matrix Converters	Huu-Nhan Nguyen; Minh-Khai Nguyen; Van-Quang-Binh Ngo; Tan-Tai Tran; Joon-Ho Choi*; Young-Cheol Lim*	IEEE Access ( Volume: 8), Page(s): 175805 - 175814, Date of Publication: 22 September 2020, Electronic ISSN: 2169-3536	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)

258	Maximizing Total Profit of Thermal Generation Units in Competitive Electric Market by Using a Proposed Particle Swarm Optimization	Le Chi Kien, Thanh Long Duong, Van-Duc Phan, Thang Trung Nguyen*	Sustainability, Volume 12, Issue 3, February 2020, ISSN: 2071-1050, Tháng 02/2020	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
259	Maximum Penetration of Distributed Generations and Improvement of Technical Indicators in Distribution Systems	Thuan Thanh Nguyen, Thang Trung Nguyen*, and Ngoc Au Nguyen	Mathematical Problems in Engineering, Volume 2020, Article ID 8847221, 16 trang, ISSN 1563-5147, Dec 2020	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q3)
260	Minimize the load reduction considering the activities control of the generators and phase distance	Le Trong Nghia, Quyen Huy Anh, Phan Thi Thanh Binh, Phung Trieu Tan	International Journal of Electrical and Computer Engineering (IJECE), Vol. 11, No. 2, April 2021, pp. 993~1001, ISSN: 2088-8708	2020	Bài báo đăng trên tạp chí xếp hạng Scopus (Q3)
263	Multi-tier Caching and Resource Sharing for Video Streaming in 5G Ultra-dense Networks	Nguyen-Son Vo, Minh-Phung Bui, Phuc Quang Truong, Cheng Yin, and Antonino Masaracchia	IEEE Communications Letters, Vol 24, Issue 7, Mar-2020, ISSN 1089-7798, SCIE	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
264	Network Coding Function for Converged Satellite-Cloud Networks	Do Duy Tan, M. A. Vázquez-Castro	IEEE Transactions on Aerospace and Electronic Systems, vol. 56, no. 1, pp. 761-772, ISSN 0018-9251, Feb. 2020	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
265	New Second-Order Sliding Mode Control Design for Load Frequency Control of a Power System	Van Van Huynh, Phong Thanh Tran, Bui Le Ngoc Minh, Anh-Tuan Tran, Dao Huy Tuan, Tam Minh Nguyen and Phan-Tu Vu	Energies, Volume 13, Issue 24 (December-2 2020), ISSN 1996-1073	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
267	Optimal Generator Dispatching With Uncertain Conditions for Islanded Microgrid	Thi Thanh Binh Phan, Trong Nghia Le, Quoc Dung Phan, Khang Nguyen	IEEE Access Volume: 8, pp. 125722 – 125730, July 2020., ISSN 2169-3536	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
268	Optimal Location and Size of Distributed Generators in an Electric Distribution System based on a Novel Metaheuristic Algorithm	T. N. Ton, T. T. Nguyen, A. V. Truong, T. P. Vu	International Journal of Engineering, Technology & Applied Science Research, Vol. 10, No. 1, 2020, pp 5325-5329, ISSN 1792-8036, February 2020	2020	Bài báo đăng trên tạp chí xếp hạng ESCI
269	Optimal Network Reconfiguration to Reduce Power Loss Using an Initial Searching Point for Continuous Genetic Algorithm	Thuan Thanh Nguyen, Thang Trung Nguyen*, Ngoc Au Nguyen	Complexity, Volume 2020, Article ID 2420171, 21 pages, ISSN 1099-0526, Published 5 May 2020	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
270	Optimal power tracking of PMSG based wind energy conversion systems by constrained direct control with fast convergence rates	Hoach The Nguyen, Ameena SaadAl-Sumaiti, Van-PhongVu, AhmedAl-Durra, Ton DucDo	International Journal of Electrical Power & Energy Systems, Volume 118, June 2020,pp. 105807, ISSN 0142-0615	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
271	Optimal Scheduling of Large-Scale Wind-Hydro-Thermal Systems with Fixed-Head Short-Term Model	Thang Trung Nguyen, Ly Huu Pham, Fazel Mohammadi,* and Le Chi Kien	Applied Sciences, MDPI, Volume 10. Issue 8, Published: 24 April 2020, EISSN 2076-3417	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)

272	Optimising coverage efficiency in heterogeneous wireless cellular networks	C. V. Phan and Q. -T. Vien	IET Communications, vol. 14, no. 17, pp. 3022-3029, Nov -2020, ISSN 1751-8628, SCIE	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
275	Optimizing a Secure Two-way Network with Non-linear SWIPT, Channel Uncertainty, and a Hidden Eavesdropper	Pham Viet Tuan, Pham Ngoc Son, Tran Trung Duy, Sang Quang Nguyen, Van Quang Binh Ngo, Do Vinh Quang and Insoo Koo	Electronics, vol. 9, 1222, pp. 1-24, July 2020, ISSN 2079-9292, (SCIE).	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
276	Outage Performance of Power Beacon-Aided Multi-hop Cooperative Cognitive Radio Protocol Under Constraint of Interference and Hardware Noises	Pham Minh Nam, Tran Trung Duy, Phan Van Ca, Pham Ngoc Son, Ngo Hoang An	Electronics, Volume 9, Issue 6 (June 2020), pp. 1-19, ISSN 2079-9292, (SCIE)	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
277	Output Feedback Control via Linear Extended State Observer for an Uncertain Manipulator with Output Constraints and Input Dead-Zone	Duc Thien Tran, Hoang Vu Dao, Truong Quang Dinh and Kyoung Kwan Ahn*	Electronics -MDPI, Volume 9, Issue 9, Published: 20 August 2020, ISSN 2079-9292	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
283	Polynomial Observer-Based Controller Synthesis and Fault-Tolerant Control for Tracking Optimal Power of Wind Energy Conversion Systems	Van-Phong Vu, Van-Thuyen Ngo, Van-Dung Do, Dinh-Nhon Truong, Nguyen Vu Quynh, Phuc Duc-Hong Bui, Vu The Mai, And Ton Duc Do	IEEE Access ( Volume: 8 ), pp. 150130-150141, Date of Publication: 13 August 2020, Electronic ISSN: 2169-3536	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
285	Power splitting versus time switching based cooperative relaying protocols for SWIPT in NOMA systems	Huu Q. Tran, Ca V. Phan, Quoc-Tuan Vien	Physical Communication, Volume 41, August 2020, ISSN 1874-4907, SCIE	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
289	Self-Organizing Double Function-Link Fuzzy Brain Emotional Control System Design for Uncertain Nonlinear Systems	Tuan-Tu Huynh; Chih-Min Lin; Tien-Loc Le; Nguyen-Quoc-Khanh Le; Van-Phong Vu; Fei Chao	IEEE Transactions on Systems, Man, and Cybernetics: Systems, ( Early Access ), Page(s): 1 – 17, December 2020, ISSN: 2168-2216	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
291	SIC-Coding Schemes for Underlay Two-Way Relaying Cognitive Networks	Pham Ngoc Son*, Tran Trung Duy and Khuong Ho-Van	Wireless Communications and Mobile Computing, vol. 2020, Article ID 8860551, pp. 1-17, Aug . 2020, ISSN 1530-8669, SCIE	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
293	Single Crossbar Array of Memristors with Bipolar Inputs for Neuromorphic Image Recognition	Son Ngoc Truong	IEEE Access, vol. 8, no. 1, pp. 69327-69332, ISSN 2169-3536, Apr. 2020	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q1)
297	Stator-flux-oriented control for three-phase induction motors using sliding mode control	Vinh-Quan Nguyen, Quang-Tho Tran, Hoai-Nghia Duong	Journal of Electrical Systems, Volume 16, Issue 2, pp 171-184, (June 2020), ISSN 1112-5209	2020	Bài báo đăng trên tạp chí xếp hạng ESCI (Q3)
302	The Improvement Switching Technique for High Step-Up DC-DC Boost Converter	Viet-Anh Truong, Xuan-Truong Luong, Phan-Thanh Nguyen and Thanh-Hai Quach *	Electronics, Volume 9, Issue 6 (June 2020), ISSN 2079-9292	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)
303	Tracking Control for an Electro-Hydraulic Rotary Actuator Using Fractional Order Fuzzy PID Controller	Tri Cuong, Duc Thien Tran, Truong Quang Dinh and Kyoung Kwan Ahn *	Electronics -MDPI, Volume 9, Issue 6, Published: 02 June 2020, ISSN 2079-9292	2020	Bài báo đăng trên tạp chí xếp hạng SCIE (Q2)