

Phụ lục

**DANH SÁCH CÔNG NHẬN BÀI BÁO ĐÃ CÔNG BỐ TRÊN CÁC TẠP CHÍ KHOA HỌC QUỐC TẾ UY TÍN, SCOPUS, ISI
CỦA TRƯỜNG ĐẠI HỌC THỦ DẦU MỘT – QUÝ 1/2022**

(Ban hành kèm theo Quyết định số /QĐ-ĐHTDM ngày tháng năm 2022 của Hiệu trưởng Trường Đại học Thủ Dầu Một)

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
1.	A state-of-the-art review on graphene-based nanomaterials to determine antibiotics by electrochemical techniques	Thanh Tam Toan Tran, Mai Nguyen Do, Thi Ngoc Hoa Dang, Quang Huy Tran, Van Thuan Le, Anh Quang Dao* , Yasser Vasseghian*	Environmental Research (ISSN: 1096-0953)	First published: 21 January 2022; https://www.sciencedirect.com/science/article/abs/pii/S0013935122000718?via%3Dihub#!	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
2.	An improved metaheuristic method for simultaneous network reconfiguration and distributed generation allocation	Truong Hoang Bao Huy, Thanh Van Tran, Dieu Ngoc Vo*, Ho Thi Thao Nguyen	Alexandria Engineering Journal (ISSN: 1110-0168)	First published: 7 February 2022; https://www.sciencedirect.com/science/article/pii/S1110016822000692	ISI (SCIE), Scopus; Q1	Viện Kỹ thuật Công nghệ
3.	A state-of-the-art review on the nanomaterial-based sensor for detection of venlafaxine	Thanh Tam Toan Tran, Do Mai Nguyen, Anh Quang Dao* , Van Thuan Le, Yasser Vasseghian*	Chemosphere (ISSN: 0045-6535)	First published: 25 February 2022; https://www.sciencedirect.com/science/article/abs/pii/S0045653522006099?via%3Dihub#!	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
4.	Enhanced piezoelectric properties of Fe ₂ O ₃ and Li ₂ CO ₃ co-doped Pb[(Zr _{0.48} Ti _{0.52}) _{0.8} (Zn _{1/3} Nb _{2/3}) _{0.125} (Mn _{1/3} Nb _{2/3}) _{0.075}]O ₃ ceramics for ultrasound transducer applications	Dao Anh Quang, Le Dai Vuong*	Journal of Science: Advanced Materials and Devices (ISSN: 2468-2179)	First published: 17 February 2022; https://www.sciencedirect.com/science/article/pii/S246821792200020X?via%3Dihub	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
5.	Secure interval estimations for time-varying delay interconnected systems using novel distributed functional observers	Dinh Cong Huong	International Journal of Adaptive Control and Signal Processing (ISSN: 1099-1115)	First published: 07 March 2022; https://onlinelibrary.wiley.com/doi/10.1002/acs.3400	ISI (SCIE), Scopus; Q1	Viện Kỹ thuật Công nghệ
6.	Evaluating the impact of the environment on depleting groundwater resources: a case study from a semi-arid and arid climatic region	Khalil Ur Rahman, Anwar Hussainb, Nuaman Ejazc, Muhammad Shahid, Zheng Duane, Babak Mohammadi, Pham Ngoc Hoai, Quoc Bao Pham, Khaled Mohame, Khedherg, Duong Tran Anh*	Hydrological Sciences Journal (ISSN: 0262-6667)	First published: 24 Mar 2022; https://www.tandfonline.com/doi/abs/10.1080/02626667.2022.2044483?journalCode=thsj20	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
7.	Chemical Composition Analysis and Antioxidant Activity of Coffea robusta Monofloral Honey from Vietnam	Nguyen Thi Nu Trinh, Nguyen Ngoc Tuan, Tran Dinh Thang*, Ping-Chung Kuo, Nguyen Ba Thanh, Le Nhat Tam, Le Hong Tuoi, Trang H. D. Nguyen, Danh C. Vu, Thi L. Ho, Le Ngoc Anh, Nguyen Thi Thu Thuy	Foods (ISSN: 2304-8158)	First published: 29 January 2022; https://www.mdpi.com/2304-8158/11/3/388	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
8.	Event-triggered state estimation for recurrent neural networks with unknown time-varying delays	Dinh Cong Huong*, Hieu Trinh	International Journal of Robust and Nonlinear Control	First published: 11 April 2022; https://onlinelibrary.wiley.com/doi/10.1002/rnc.6134	ISI (SCIE), Scopus;	Viện Kỹ thuật Công nghệ

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
			(ISSN: 1099-1239)		Q1	
9.	Influence of F ⁻ on the reduction process of Eu ³⁺ to Eu ²⁺ and optical properties of Eu ³⁺ /Eu ²⁺ -Er ³⁺ -Yb ³⁺ co-doped niobate silicate glasses	Ho Kim Dan*, Nguyen Dinh Trung, T.H. Le, Nguyen Le Thai, Nguyen Minh Ty , Dacheng Zhou, Jianbei Qiu	Journal of Non-Crystalline Solids (ISSN: 0022-3093)	First published: 15 January 2022; https://www.sciencedirect.com/science/article/abs/pii/S0022309322000266?via%3Dihub	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
10.	Controlling magnetic-semiconductor properties of the Si- and Al-doped blue phosphorene monolayer	Vo Van On , Guerrero-Sanchez, D M Hoat*	Journal Physics D: Applied Physics (ISSN: 1361-6463)	First published: 26 January 2022; https://iopscience.iop.org/article/10.1088/1361-6463/ac49b4	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
11.	Ferromagnetic half-metallicity of the cubic NaMgO ₃ perovskite: from bulk to (001) surfaces	Vo Van On , J. Guerrero-Sanchez, R. Ponce-Pérez, J. F. Rivas-Silva, Gregorio H. Cocoletzi, D. M. Hoat*	Physical Chemistry Chemical Physics (ISSN: 1463-9084)	First published: 20 Dec 2021; https://pubs.rsc.org/en/content/articlelanding/2022/cp/d1cp05086a	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
12.	Study of vacancy, voids, atom adsorption and domain substitution in hexagonal gallium nitride monolayer	Vo Van On , J. Guerrero-Sanchez, R. Ponce-Pérez, D.M. Hoat*	Surfaces and Interfaces (ISSN: 2468-0230)	First published: 21 March 2022; https://www.sciencedirect.com/science/article/abs/pii/S246802302200178X?via%3Dihub	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
13.	General one-loop formulas for $H \rightarrow \gamma \gamma$ and its applications	Vo Van On , Dzung Tri Tran, Chi Linh Nguyen, Khiem Hong Phan*	European Physical Journal C (ISSN: 1434-6052)	First published: 31 March 2022; https://link.springer.com/article/10.1140/epjc/s10052-022-10225-z	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
14.	Exploring a silicene monolayer as a promising sensor platform to detect and capture NO and CO gas	Duy Khanh Nguyen, Duc-Quang Hoang, D. M. Hoat*	RSC Advances (ISSN: 2046-2069)	First published: 29 Mar 2022; https://pubs.rsc.org/en/content/articlelanding/2022/ra/d2ra00442a	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
15.	Densification behavior and electrical properties of the PZT-PZMnN-based ceramics prepared by two-step sintering	Le Dai Vuong	Journal of Materials Science: Materials in Electronics (ISSN: 1573-482X)	First published: 07 February 2022; https://link.springer.com/article/10.1007/s10854-022-07848-z	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
16.	Pt-Based Multimetal Electrocatalysts and Potential Applications: Recent Advancements in the Synthesis of Nanoparticles by Modified Polyol Methods	Nguyen Thi Nhat Hang, Yong Yang, Nguyen Quang Thanh Nam, Masayuki Nogami, Le Hong Phuc, Nguyen Viet Long*	Crystals (ISSN: 2073-4352)	First published: 10 March 2022; https://www.mdpi.com/2073-4352/12/3/375	ISI (SCIE), Scopus; Q2	Chương trình Nghiên cứu Công nghệ Nano
17.	Controlled Synthesis of Au Nanoparticles by Modified Polyol Methods: Determination of Their Size, Shape, and Crystal Structure	Nguyen Thi Nhat Hang, Yong Yang, Nguyen Quang Thanh Nam, Masayuki Nogami, Le Hong Phuc, Nguyen Huu Tri, Ho Van Cuu, Nguyen Viet Long*	Crystals (ISSN: 2073-4352)	First published: 26 October 2021; https://www.mdpi.com/2073-4352/11/11/1297	ISI (SCIE), Scopus; Q2	Chương trình Nghiên cứu Công nghệ Nano
18.	Induction Motor Fault Classification Based on Combined Genetic Algorithm with Symmetrical Uncertainty Method for Feature Selection Task	Chun-Yao Lee*, Yun-Jhan Hsieh, Truong-An Le	Mathematics (ISSN: 2227-7390)	First published: 12 January 2022; https://www.mdpi.com/2227-7390/10/2/230	ISI (SCIE), Scopus; Q2	Viện Kỹ thuật – Công nghệ

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
19.	Evaluating the variability in long-term rainfall over India with advanced statistical techniques	Ishita Afreen Ahmed, Roquia Salam, Mohd Waseem Naikoo, Atiqur Rahman, Bushra Praveen, Pham Ngoc Hoai, Quoc Bao Pham, Duong Tran Anh*, Doan Quang Tri, Ismail Elkharchy	Acta Geophysica (ISSN: 1895-7455)	First published: 16 February 2022; https://link.springer.com/article/10.1007/s11600-022-00735-5	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
20.	First-principles study on N ₂ , H ₂ , O ₂ , NO, NO ₂ , CO, CO ₂ , and SO ₂ gas adsorption properties of the Sc ₂ CF ₂ monolayer	Hoang Van Ngoc, Khang D. Pham*	Physica E: Low-Dimensional Systems and Nanostructures (ISSN: 1386-9477)	First published: 12 March 2022; https://www.sciencedirect.com/science/article/abs/pii/S1386947722000285?via%3Dihub	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
21.	<i>Peliosanthes luteoviridis</i> (Asparagaceae), a new species with yellowish green flowers from southern Vietnam	Nikolay A. Vislobokov*, Mikhail S. Romanov, Khang Sinh Nguyen, Van The Pham, Thi Thanh Dat Pham, Van Canh Nguyen, Noriyuki Tanaka, Sergey S. Kalyuzhny, Svetlana P. Kuznetsova, Andrey N. Kuznetsov, Maxim S. Nuraliev	Phytotaxa (ISSN: 1179-3163)	First published: 2022-03-08; https://www.biotaxa.org/Phytotaxa/article/view/phytotaxa.538.3.6	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
22.	A Taguchi approach with electron-beam irradiation to optimize the efficiency of removing enrofloxacin from aqueous media	Hong Thi Bich Truong, Hiep Nghia Bui, Hieu Trung Nguyen, Thanh-Luu Pham, Duy Ngoc Nguyen, Yuan-Shing Perng,	Korean Journal of Chemical Engineering (ISSN: 1975-7220)	First published: 26 January 2022; https://link.springer.com/article/10.1007/s11814-021-0995-x	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
		Linh Thi My Lam, Thi-Dieu-Hien Vo, Van-Truc Nguyen, Ha Manh Bui*				
23.	Drying kinetics and effective moisture diffusivity of pomelo albedo under vacuum-assisted microwave drying and its semi-product	Ha Le Nguyen, Tuan Quoc Le*	Journal of Food Process Engineering (ISSN: 1745-4530)	First published: 11 January 2022; https://onlinelibrary.wiley.com/doi/epdf/10.1111/jfpe.13968	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
24.	Cd-doped NdFeO ₃ nanoparticles: synthesis and optical properties study	Pham Thi Hong Duyen, Chau Hong Diem, Nguyen Anh Tien*	Journal of Materials Science: Materials in Electronics (ISSN: 1573-482X)	First published: 16 January 2022; https://link.springer.com/article/10.1007/s10854-021-07546-2	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
25.	Examination of the cross sections of the light-particle induced reactions for the ⁹⁹ Tc transmutation	N.N. Duy, T.M. Tien*, N.N. Le, Thu D.H. Truong	Results in Physics (ISSN: 2211-3797)	First published: 24 March 2022; https://www.sciencedirect.com/science/article/pii/S2211379722001802?via%3Dihub	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
26.	Intersubband absorption linewidth in a semi-parabolic quantum well: Comparison among three different phonon models	Nguyen Dinh Hien	Physica B: Condensed Matter (ISSN: 0921-4526)	First published: 9 April 2022; https://www.sciencedirect.com/science/article/abs/pii/S0921452622002290	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
27.	A Review on Determination of The Veterinary Drug Residues in Food Products	Anh Quang Dao, Le Thi Thanh Nhi, Do Mai Nguyen, Tran Thanh Tam Toan*	Biomedical Chromatography (ISSN: 1099-0801)	First published: 10 March 2022; https://analyticalsciencejournal.s.onlinelibrary.wiley.com/doi/epdf/10.1002/bmc.5364	ISI (SCIE), Scopus; Q3	Viện Kỹ thuật Công nghệ

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
28.	Hybrid SFLA MPPT design for multi-module partial shading photovoltaic energy systems	Chian-Song Chiu*, Sy Ngo	International Journal of Electronics (ISSN: 0020-7217)	First published: 23 Feb 2022; https://www.tandfonline.com/doi/full/10.1080/00207217.2021.2025443	ISI (SCIE), Scopus; Q3	Viện Kỹ thuật Công nghệ
29.	A Novel Algorithm-based MPPT Strategy for PV Power Systems under Partial Shading Conditions	Chian-Song Chiu, Sy Ngo*	Elektronika ir Elektrotechnika (ISSN: 1392-1215)	First published: 2022-02-24; https://eejournal.ktu.lt/index.php/elt/article/view/30183	ISI (SCIE), Scopus; Q3	Viện Kỹ thuật Công nghệ
30.	A new species, <i>Bulbophyllum mamillatum</i> and a new national record, <i>B. retusum</i> (Orchidaceae) in the flora of Vietnam	Van Tu NGUYEN*, Leonid V. AVERYANOV, Van Song DANG, Tatiana V. MAISAK, Van Huong BUI, Van Canh NGUYEN , Ba Vuong TRUONG*	Taiwania (ISSN: 0372-333X)	First published: 25 February 2022; https://taiwania.ntu.edu.tw/abstract.php?type=abstract&id=1824	ISI (SCIE), Scopus; Q3	Viện Phát triển Ứng dụng
31.	<i>Gastrochilus pankajkumarii</i> , (Aeridinae, Epidendroideae, Orchidaceae) a new lithophytic orchid from southern Vietnam	Van Canh NGUYEN* , Leonid V. AVERYANOV, Tatiana V. MAISAK, Thi Lien Thuong NGUYEN , Van Khuong NGUYEN, Ba Vuong TRUONG*	Taiwania (ISSN: 0372-333X)	First published: 06 January 2022; https://taiwania.ntu.edu.tw/abstract.php?type=abstract&id=1806	ISI (SCIE), Scopus; Q3	Viện Phát triển Ứng dụng
32.	May the Vietnam Response Have Reduced Daily New Cases of COVID-19 in the Country?	Danh C. Vu , Trang H.D. Nguyen*, Thi L. Ho	Disaster Medicine and Public Health Preparedness (ISSN: 1938-744X)	First published: 14 February 2022; https://www.cambridge.org/core/journals/disaster-medicine-and-public-health-	ISI (SCIE, SSCI), Scopus; Q3	Viện Phát triển Ứng dụng

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
				preparedness/article/abs/may-the-vietnam-response-have-reduced-daily-new-cases-of-covid19-in-the-country/C7CBFAEA8D608143373D95EC51134D8D		
33.	Acanthophippium sylhetense (Orchidaceae), a New Record for Vietnam	Nguyen Minh Ty, Bui Van Huong, Dang Van Son, Truong Ba Vuong*	Acta Phytotaxonomica et Geobotanica (ISSN: 2189-7042)	First published: February 28, 2022; https://www.jstage.jst.go.jp/article/apg/73/1/73_202110/_article	ISI (SCIE), Scopus; Q3	Viện Phát triển Ứng dụng
34.	Structural and optical properties of Sr-doped NdFeO3 nanoparticles prepared by a simple co-precipitation method	Nguyen Thi Kim Chung, Nguyen Anh Tien, Chau Hong Diem, Bui Xuan Vuong*	Journal of Chemical Sciences (ISSN: 0973-7103)	First published: 03 March 2022; https://link.springer.com/article/10.1007/s12039-022-02031-7	ISI (SCIE), Scopus; Q3	Viện Phát triển Ứng dụng
35.	Position control for haptic device based on discrete-time proportional integral derivative controller	Nguyen Van Tan, Khoa Nguyen Dang*, Pham Duc Dai, Long Vu Van	International Journal of Electrical and Computer Engineering (ISSN: 2088-8708)	First published: February 2022; http://ijece.iaescore.com/index.php/IJECE/article/view/24822	Scopus; Q2	Viện Kỹ thuật Công nghệ
36.	Implementation of FaceNet and support vector machine in a real-time web-based timekeeping application	Ly Quang Vu, Phan Thanh Trieu, Hoang-Sy Nguyen*	IAES International Journal of Artificial Intelligence (ISSN: 2252-8938)	First published: March 2022; http://ijai.iaescore.com/index.php/IJAI/article/view/21035/13301	Scopus; Q2	Viện Kỹ thuật Công nghệ
37.	Enhancing light scattering effect of white LEDs with ZnO nanostructures	My Hanh Nguyen Thi, Nguyen Thi Phuong Loan, Hoang Van Ngoc*	International Journal of Electrical and Computer Engineering (ISSN: 2088-8708)	First published: October 2021; http://ijece.iaescore.com/index.php/IJECE/article/view/23244	Scopus; Q2	Viện Phát triển Ứng dụng

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
38.	Wine production from ripen pond apple (<i>Annona glabra</i> L.) fruit	Nguyen Phuoc Minh	Plant Science Today (ISSN: 2348-1900)	First published: 21-03-2022; https://horizonepublishing.com/journals/index.php/PST/article/view/1617	ISI (ESCI), Scopus; Q3	Viện Phát triển Ứng dụng
39.	Cider home-scale production from the local green apple (<i>Ziziphus mauritiana</i>): The effects of pasteurization conditions, soda and syrup addition on quality aspects	Tuan Quoc Le* , Tuong Vy Nguyen Le, Ngoc Tram Nguyen Thi	Journal of Culinary Science and Technology (ISSN: 1542-8052)	First published: 25 Jan 2022; https://www.tandfonline.com/doi/full/10.1080/15428052.2022.2027310	ISI (ESCI), Scopus; Q3	Viện Phát triển Ứng dụng
40.	Maturity Index of Nematode Communities and its Potential use for Measuring Environmental Disturbances with Special Emphasis on Effects of Organic Enrichment in Mangrove Ecosystems	Thai Thanh Tran, Nguyen Thi My Yen, Ngo Xuan Quang*, Bijeesh Kozhikkodan Veetil, Tho Nguyen, Pham Ngoc Hoai , Tran Tinh	Thalassas (ISSN: 0212-5919)	First published: 22 January 2022; https://link.springer.com/article/10.1007/s41208-021-00387-0	ISI (SCIE), Scopus; Q4	Viện Phát triển Ứng dụng
41.	Enhancing optical properties of WLEDs with LaOF:Eu3+&SiO2 application	Phuc Dang Huu , My Hanh Nguyen Thi*	Bulletin of Electrical Engineering and Informatics (ISSN: 2302-9285)	First published: February 2022; https://beei.org/index.php/EEI/article/view/2910	Scopus; Q3	Viện Phát triển Ứng dụng
42.	Effects of different extraction methods on the extraction yield, degradation of bixin and formation of harmful volatile compounds in the extracts from annatto seeds	Chuyen, H.V.* , Eun, J.B.	Food Research (ISSN: 2550-2166)	First published: 7 November 2021; https://www.myfoodresearch.com/vol-59474issue-6.html https://www.myfoodresearch.com/uploads/8/4/8/5/84855864/_5_fr-2021-017_chuyen_1.pdf	Scopus; Q3	Viện Phát triển Ứng dụng

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
43.	Application of green-emitting Sr ₃ WO ₆ :U phosphor to enhance lumen efficiency of WLEDs	Phuc Dang Huu, Ton That Phung*	Bulletin of Electrical Engineering and Informatics (ISSN: 2302-9285)	First published: April 2022; https://beei.org/index.php/EEI/article/view/3301/2535	Scopus; Q3	Viện Phát triển Ứng dụng
44.	CaS: Sb ³⁺ , Na and ZnS:Sn ²⁺ : phosphor materials for the improvement of WLEDs	Phuc Dang Huu, Ton That Phung*	Bulletin of Electrical Engineering and Informatics (ISSN: 2302-9285)	First published: April 2022; https://beei.org/index.php/EEI/issue/view/116 https://beei.org/index.php/EEI/article/view/3300/2539	Scopus; Q3	Viện Phát triển Ứng dụng
45.	Search-Based Planning and Reinforcement Learning for Autonomous Systems and Robotics	Than Le, Bui Thanh Hung*, Pham Van Huy	Studies in Computational Intelligence (ISSN: 1860-9503) Deep Learning for Unmanned Systems (ISBN: 978-3-030-77939-9)	First published: 02 October 2021; https://link.springer.com/chapter/10.1007/978-3-030-77939-9_14	Scopus; Q4	Viện Kỹ thuật Công nghệ
46.	Multiobjective Optimization of Solar Flat Plate Collector Using Water Cycle Algorithm	Bao-Huy Truong, Thanh Tran Van, Thien Vo Minh, Tuan Duong Van, Dieu Vo Ngoc*	GMSARN International Journal (ISSN: 1905-9094)	First published: March 2022; http://gmsarnjournal.com/home/journal-vol-16-no-1/ http://gmsarnjournal.com/home/wp-content/uploads/2021/05/vol16no1-12.pdf	Scopus; Q4	Viện Kỹ thuật Công nghệ
47.	Bio-inspired Motor Control Strategies for Redundant Manipulators	Gia Hoang Phan, Vijender Kumar Solanki, Nguyen Ho Quang	SpringerBriefs in Applied Sciences and Technology (ISSN: 2191-5318)	First published: 01 January 2022; https://link.springer.com/chapter/10.1007/978-981-16-9551-3_1	Scopus; Q4	Viện Kỹ thuật Công nghệ

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
			Bio-inspired Motor Control Strategies for Redundant and Flexible Manipulator with Application to Tooling Tasks (ISBN: 978-981-16-9551-3)			
48.	Bio-inspired Motor Control Strategies: Cable-Driven Manipulator Using Agonist–Antagonist Actuation	Gia Hoang Phan, Vijender Kumar Solanki, Nguyen Ho Quang	SpringerBriefs in Applied Sciences and Technology (ISSN: 2191-5318) Bio-inspired Motor Control Strategies for Redundant and Flexible Manipulator with Application to Tooling Tasks (ISBN: 978-981-16-9551-3)	First published: 01 January 2022; https://link.springer.com/chapter/10.1007/978-981-16-9551-3_2	Scopus; Q4	Viện Kỹ thuật Công nghệ
49.	Design and Control of 2D-Plotter Planar Parallel Robot	Gia Hoang Phan, Vijender Kumar Solanki, Nguyen Ho Quang	SpringerBriefs in Applied Sciences and Technology (ISSN: 2191-5318) Bio-inspired Motor Control Strategies for Redundant and Flexible Manipulator	First published: 01 January 2022; https://link.springer.com/chapter/10.1007/978-981-16-9551-3_3	Scopus; Q4	Viện Kỹ thuật Công nghệ

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
			with Application to Tooling Tasks (ISBN: 978-981-16- 9551-3)			
50.	Combining 3D Motion Tracker with IMU Sensor Signals of Muscles to Discover Macro- and Microvibration for Stroke Rehabilitation	Gia Hoang Phan, Vijender Kumar Solanki, Nguyen Ho Quang	SpringerBriefs in Applied Sciences and Technology (ISSN: 2191-5318) Bio-inspired Motor Control Strategies for Redundant and Flexible Manipulator with Application to Tooling Tasks (ISBN: 978-981-16- 9551-3)	First published: 01 January 2022; https://link.springer.com/chapter/10.1007/978-981-16-9551-3_4	Scopus; Q4	Viện Kỹ thuật Công nghệ
51.	A Pneumatic Actuator-Powered Robotic Glove for Hand Rehabilitation	Gia Hoang Phan, Vijender Kumar Solanki, Nguyen Ho Quang	SpringerBriefs in Applied Sciences and Technology (ISSN: 2191-5318) Bio-inspired Motor Control Strategies for Redundant and Flexible Manipulator with Application to Tooling Tasks (ISBN: 978-981-16- 9551-3)	First published: 01 January 2022; https://link.springer.com/chapter/10.1007/978-981-16-9551-3_5	Scopus; Q4	Viện Kỹ thuật Công nghệ

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
52.	Artificial Intelligence in Rehabilitation Evaluation-Based Robotic Exoskeletons: A Review	Gia Hoang Phan, Vijender Kumar Solanki, Nguyen Ho Quang	SpringerBriefs in Applied Sciences and Technology (ISSN: 2191-5318) Bio-inspired Motor Control Strategies for Redundant and Flexible Manipulator with Application to Tooling Tasks (ISBN: 978-981-16-9551-3)	First published: 01 January 2022; https://link.springer.com/chapter/10.1007/978-981-16-9551-3_6	Scopus; Q4	Viện Kỹ thuật Công nghệ
53.	Research, Design and Manufacturing of a Prototype Tidal Generator	Huynh Minh Phu, Thanh Tung Nguyen*	Journal of Physics: Conference Series (ISSN: 1742-6596) ICoRTAR 2021 (October 08-09, 2021)	First published: 24 February 2022; https://iopscience.iop.org/article/10.1088/1742-6596/2199/1/012014	Scopus; Q4	Viện Phát triển Ứng dụng
54.	Solar energy research for the design and manufacturing of oxygen aerator model for shrimp farming	Huynh Minh Phu, Thanh Tung Nguyen*	Journal of Physics: Conference Series (ISSN: 1742-6596) ICoRTAR 2021 (October 08-09, 2021)	First published: 24 February 2022; https://iopscience.iop.org/article/10.1088/1742-6596/2199/1/012028	Scopus; Q4	Viện Phát triển Ứng dụng

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
55.	Structural and electronic properties of silver-adsorbed silicene nanoribbons: A first-principles study	Thanh Tung Nguyen	Journal of Physics: Conference Series (ISSN: 1742-6596) ICoRTAR 2021; October 08-09, 2021	First published: 24 February 2022; https://iopscience.iop.org/article/10.1088/1742-6596/2199/1/012011	Scopus; Q4	Viện Phát triển Ứng dụng
56.	Application of solar energy to fruit and vegetable refrigerator in aiding the impoverished during the Covid-19 pandemic	Thanh Tung Nguyen*, Dinh Thi Hoa, Ho Ngoc Thanh Truc, Huynh Minh Phu	Journal of Physics: Conference Series (ISSN: 1742-6596) ICoRTAR 2021; October 08-09, 2021	First published: 24 February 2022; https://iopscience.iop.org/article/10.1088/1742-6596/2199/1/012012	Scopus; Q4	Viện Phát triển Ứng dụng
57.	Application of microcontroller and Blynk for cultured cordyceps	Thanh Tung Nguyen	Journal of Physics: Conference Series (ISSN: 1742-6596) ICoRTAR 2021; October 08-09, 2021	First published: 24 February 2022; https://iopscience.iop.org/article/10.1088/1742-6596/2199/1/012013	Scopus; Q4	Viện Phát triển Ứng dụng
58.	Application of solar energy and microcontroller for automanagement of road train tracks crossing barriers	Thanh Tung Nguyen*, Azizah	Journal of Physics: Conference Series (ISSN: 1742-6596) ICoRTAR 2021; October 08-09, 2021	First published: 24 February 2022; https://iopscience.iop.org/article/10.1088/1742-6596/2199/1/012026	Scopus; Q4	Viện Phát triển Ứng dụng
59.	Study of doping a thallium atom in silicene nanoribbons in an electrical field	Hoang Van Ngoc	Journal of Physics: Conference Series (ISSN: 1742-6596) ICEAM 2021, Malaysia, 02/11/2021	First published: 24 February 2022; https://iopscience.iop.org/article/10.1088/1742-6596/2169/1/012017	Scopus; Q4	Viện Phát triển Ứng dụng

STT	Tên bài báo khoa học	Tên tác giả/ nhóm tác giả	Tên tạp chí	Số, kỳ tạp chí phát hành	Tạp chí thuộc danh mục	Ghi chú
60.	Structural and magnetic properties of Ho-doped CuFe_2O_4 nanoparticles prepared by a simple co-precipitation method	Hoang Bao Khanh, V. O. Mittova, Nguyen Anh Tien, Pham Thi Hong Duyen*	Kondensirovannye Sredy Mezhfaznye Granitsy (ISSN: 2687-0711)	First published: 2022-03-15; https://journals.vsu.ru/kcmf/article/view/9061	Scopus; Q4	Viện Phát triển Ứng dụng
61.	Ag-doped silicene nanoribbons in the electric field	HoangVan Ngoc	Materials Today: Proceedings (ISSN: 2214-7853)	First published: 9 February 2022; https://www.sciencedirect.com/science/article/pii/S221478532200445X?via%3Dihub	Scopus	Viện Phát triển Ứng dụng
62.	Study on doping of two zinc atoms in silicene nanoribbons in the presence of an external electric field	Hoang Van Ngoc	Materials Today: Proceedings (ISSN: 2214-7853)	First published: 21 March 2022; https://www.sciencedirect.com/science/article/pii/S2214785322016315?via%3Dihub	Scopus	Viện Phát triển Ứng dụng