

Phụ lục
DANH SÁCH CÔNG NHẬN BÀI BÁO ĐÃ CÔNG BỐ
TRÊN CÁC TẠP CHÍ KHOA HỌC QUỐC TẾ UY TÍN, SCOPUS, ISI CỦA VIỆN CHỨC VÀ
CÁN BỘ HỢP TÁC NGHIÊN CỨU KHOA HỌC TRƯỜNG ĐẠI HỌC THỦ DẦU MỘT – QUÝ 4/2021

(Ban hành kèm theo Quyết định số /QĐ-DHTDM 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.	Developing feature-rich electronic and magnetic properties in the β -As monolayer for spintronic and optoelectronic applications by C and Si doping: A first-principles study	D.M. Hoat, Duy Khanh Nguyen* , Asadollah Bafekry, Vo Van On* , Bakhtiar Ul Haq, Duc-Quang Hoang, Gregorio H. Cocoletzi, J.F. Rivas-Silva	Surfaces and Interfaces (ISSN: 2468-0230)	First published: 16 October 2021; https://www.sciencedirect.com/science/article/abs/pii/S2468023021006118	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
2.	Assessing the potential and hydrological usefulness of the CHIRPS precipitation dataset over a complex topography in Pakistan	Muhammad Shahid, Khalil Ur Rahman, Sajjad Haider, Hamza Farooq Gabriel, Abdul Jabbar Khan, Quoc Bao Pham , Babak Mohammadi, Nguyen Thi Thuy Linh, Duong Tran Anh*	Hydrological Sciences Journal (ISSN: 0262-6667)	First published: 03 Sep 2021; https://www.tandfonline.com/doi/full/10.1080/02626667.2021.1957476?scroll=top&needAccess=true	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
3.	Improving the Resolution of GRACE Data for Spatio-Temporal Groundwater Storage Assessment	Shoaib Ali, Dong Liu*, Qiang Fu, Muhammad Jehanzeb Masud Cheema, Quoc Bao Pham , Md. Mafuzur Rahaman, Thanh Duc Dang, Duong Tran Anh	Remote Sensing (ISSN: 2072-4292)	First published: 4 September 2021; https://www.mdpi.com/2072-4292/13/17/3513	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
4.	Detection of areas prone to flood-induced landslides risk using certainty factor and its hybridization with FAHP, XGBoost and deep learning neural network	Romulus Costache, Sk Ajim Ali, Farhana Parvin, Quoc Bao Pham , Alireza Arabameri, Hoang Nguyen, Anca Crăciun, Duong Tran Anh*	Geocarto International (ISSN: 1752-0762)	First published: 08 Sep 2021; https://www.tandfonline.com/doi/full/10.1080/10106049.2021.1973115	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
5.	Developing a new approach for design support of subsurface constructed wetland using machine learning algorithms	Xuan Cuong Nguyen, Thi Thanh Huyen Nguyen, Quyet V. Le, Phuoc Cuong Le, Arun Lal Srivastav, Quoc Bao Pham , Phuong Minh Nguyen, D. Duong La, Eldon R. Rene, H. Hao Ngo, S. Woong Chang, D. Duc Nguyen *	Journal of Environmental Management (ISSN: 0301-4797)	First published: 7 October 2021; https://www.sciencedirect.com/science/article/pii/S0301479721019307?via%3Dihub	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
6.	Using machine learning methods for supporting GR2M model in runoff estimation in an ungauged basin	Pakorn Ditthakit*, Sirimon Pinthong, Nureehan Salaeh, Fadilah Binnui, Laksanara Khwanchum, Quoc Bao Pham*	Scientific Reports (ISSN: 2045-2322)	First published: 07 October 2021; https://www.nature.com/articles/s41598-021-99164-5	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
7.	Predicting landslide susceptibility based on decision tree machine learning models under climate and land use changes	Quoc Bao Pham , Subodh Chandra Pal, Rabin Chakraborty, Asish Saha,	Geocarto International (ISSN: 1752-0762)	First published: 18 Oct 2021; https://www.tandfonline.com/doi/full/10.1080/10106049.2021.1986579	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng

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		Saeid Janizadeh, Kourosh Ahmadi, Khaled Mohamed Khedher, Duong Tran Anh*, John P. Tiefenbacher, Abderrazak Bannari				
8.	Exploring the electronic band gap of Janus MoSeO and WSeO monolayers and their heterostructures	Vo Van On, Duy Khanh Nguyen, J. Guerrero-Sanchez, D. M. Hoat*	New Journal of Chemistry (ISSN: 1369-9261)	First published: 12 Oct 2021; https://pubs.rsc.org/en/content/articlelanding/2021/nj/d1nj04427c	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
9.	Tuning MoSO monolayer properties for optoelectronic and spintronic applications: effect of external strain, vacancies and doping	Duy Khanh Nguyen, J. Guerrero-Sanchez, Vo Van On, J. F. Rivas-Silva, R. PoncePerez, Gregorio H. Cocolitzic, D. M. Hoat*	RSC Advances (ISSN: 2046-2069)	First published: 03 Nov 2021; https://pubs.rsc.org/en/Content/ArticleLanding/2021/RA/D1RA05639E	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
10.	Phenolic, Carotenoid and Saccharide Compositions of Vietnamese Camellia sinensis Teas and Herbal Teas	Danh C. Vu*, Sophie Alvarez	Molecules (ISSN: 1420-3049)	First published: 27 October 2021; https://www.mdpi.com/1420-3049/26/21/6496	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
11.	Topology-based geometry optimization for a new compliant mechanism using improved adaptive neuro-fuzzy inference system and neural network algorithm	Van Bang Dinh, Ngoc Le Chau, Nam T. P. Le, Thanh-Phong Dao*	Engineering with Computers (ISSN: 1435-5663)	First published: 02 December 2021; https://link.springer.com/article/10.1007/s00366-021-01552-y	ISI (SCIE), Scopus; Q1	Viện Kỹ thuật Công nghệ

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12.	Oblique collision and reconnection of a vortex ring with a vortex tube	Van Luc Nguyen*, Long H. Duong, Nam T. P. Le,	Physics of Fluids (ISSN: 1089-7666)	First published: 03 December 2021; https://aip.scitation.org/doi/10.1063/5.0073126	ISI (SCIE), Scopus; Q1	Viện Kỹ thuật Công nghệ
13.	Strain engineering and electric field tunability of the electronic properties of a two-dimensional ZnGeN2 monolayer	Thi-Nga Do, Son-Tung Nguyen, D. K. Pham*	New Journal of Chemistry (ISSN: 1369-9261)	First published: 19 Oct 2021; https://pubs.rsc.org/en/content/articlelanding/2021/nj/d1nj04760d	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
14.	Theoretical prediction of structural, mechanical, and electronic properties of Janus GeSnX2 (X = S, Se, Te) single-layers	Khang D. Pham	RSC Advances (ISSN: 2046-2069)	First published: 15 Nov 2021; https://pubs.rsc.org/en/content/articlelanding/2021/ra/d1ra07813e	ISI (SCIE), Scopus; Q1	Viện Phát triển Ứng dụng
15.	Underlay Cognitive NOMA-Based Coordinated Direct and Relay Transmission	Tien-Tung Nguyen, Thai-Hoc Vu, Toan-Van Nguyen, Daniel Benevides da Costa, Chung Duc Ho*	IEEE Wireless Communications Letters (ISSN: 2162-2345)	First published: April 2021; https://ieeexplore.ieee.org/document/9305736	ISI (SCIE), Scopus; Q1	Viện Kỹ thuật Công nghệ
16.	Validation of double averaged velocity method in a variable width river	Ehsan Shahiri Tabarestani, Hossein Afzalimehr, Quoc Bao Pham*	Earth Science Informatics (ISSN: 1865-0481)	First published: 10 September 2021; https://link.springer.com/article/10.1007/s12145-021-00692-5?wt_mc=Internal.Event.1.SE.M.ArticleAuthorOnlineFirst&utm_source=ArticleAuthorOnlineFirst&utm_medium=email&utm_content=AA_en_06082018&ArticleAuthorOnlineFirst_20210911	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
17.	Effects of electric field and biaxial strain on the (NO ₂ , NO, O ₂ , and SO ₂) gas adsorption properties of Sc ₂ CO ₂ monolayer	Khang D. Pham, Pham Cong Dinh, Do Van Diep, Tuan V. Vu, Hai L. Luong, Duc-Quang Hoang, O.Y. Khyzhun, Hoang Van Ngoc*	Superlattices and Microstructures (ISSN: 0749-6036)	First published: 31 December 2021; https://www.sciencedirect.com/science/article/abs/pii/S0749603621003360?via%3Dihub#!	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
18.	Assessing the potential of soil erosion in Kyrgyzstan based on RUSLE, integrated with remote sensing	Eldiir Duulatov, Quoc Bao Pham* , Salamat Alamanov, Rustam Orozbaev, Gulnura Issanova, Talan Asankulov	Environmental Earth Sciences (ISSN: 1866-6299)	First published: 21 September 2021; https://link.springer.com/article/10.1007/s12665-021-09943-6?wt_mc=Internal.Event.1.SE.M.ArticleAuthorIncrementalIssue&utm_source=ArticleAuthorIncrementalIssue&utm_medium=email&utm_content=AA_en_06082018&ArticleAuthorIncrementalIssue_20210923	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
19.	An integrated approach for evaluating the flash flood risk and potential erosion using the hydrologic indices and morpho-tectonic parameters	Sherif Ahmed Abu El-Magd, H. Orabi Orabi, Sk Ajim Ali, Farhana Parvin, Quoc Bao Pham*	Environmental Earth Sciences (ISSN: 1866-6299)	First published: 09 October 2021; https://link.springer.com/article/10.1007/s12665-021-10013-0	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
20.	Influence of the confining potential on the linewidth of a quantum well	Nguyen Dinh Hien	Superlattices and Microstructures (ISSN: 1096-3677)	First published: 2 November 2021; https://www.sciencedirect.com/science/article/abs/pii/S0749603621002664?via%3Dihub	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng

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21.	Comparison of the magneto-optical properties of the semi-parabolic well with those of the parabolic and rectangular wells under the combined influences of aluminum concentration and hydrostatic pressure	Nguyen Dinh Hien	Journal of Physics and Chemistry of Solids (ISSN: 0022-3697)	First published: 7 December 2021; https://www.sciencedirect.com/science/article/abs/pii/S0022369721005229?via%3Dihub	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
22.	Investigating feasible sites for multi-purpose small dams in Swat District of Khyber Pakhtunkhwa Province, Pakistan: socioeconomic and environmental considerations	Anwar Hussain, Khalil Ur Rahman, Muhammad Shahid, Sajjad Haider, Quoc Bao Pham* , Nguyen Thi Thuy Linh, Saad Shauket Sammen	Environment, Development and Sustainability (ISSN: 1573-2975)	First published: 11 October 2021; https://link.springer.com/article/10.1007/s10668-021-01886-z?wt_mc=Internal.Event.1.SE.M.ArticleAuthorOnlineFirst&utm_source=ArticleAuthorOnlineFirst&utm_medium=email&utm_content=AA_en_06082018&ArticleAuthorOnlineFirst_20211012	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
23.	Daily precipitation concentration in Central Coast Vietnam	Aziz Benhamrouche*, Javier Martin-Vide, Quoc Bao Pham* , Mostefa E. Kouachi, M. Carmen Moreno-Garcia	Theoretical and Applied Climatology (ISSN: 1434-4483)	First published: 13 October 2021; https://link.springer.com/article/10.1007%2Fs00704-021-03804-9	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
24.	Volatile Organic Compounds in Primary Schools in Ho Chi Minh City, Vietnam: Characterization and Health Risk Assessment	Khang H. Lu, Danh C. Vu* , Quang T. Nguyen, Xuyen T. Vo	Atmosphere (ISSN: 2073-4433)	First published: 28 October 2021; https://www.mdpi.com/2073-4433/12/11/1421	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng

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25.	Broadband laser-driven creation of entangled state for a nonlinear coupling coupler pumped in one mode	A. Nguyen Tuan, O. Luong Thi Tu, L. Chu Van, D. Nguyen Thi, D. Hoang Minh, K. Doan Quoc*	Optical and Quantum Electronics (ISSN: 1572-817X)	First published: 07 December 2021; https://link.springer.com/article/10.1007/s11082-021-03416-7	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
26.	Robust Control Optimization Based on Actuator Fault and Sensor Fault Compensation for Mini Motion Package Electro-Hydraulic Actuator	Tan Van Nguyen, Huy Q. Tran*, Khoa Dang Nguyen	Electronics (Switzerland) (ISSN: 2079-9292)	First published: 12 November 2021; https://www.mdpi.com/2079-9292/10/22/2774	ISI (SCIE), Scopus; Q2	Viện Kỹ thuật Công nghệ
27.	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 and Biological Engineering and Computing (ISSN: 1741-0444)	First published: 13 January 2022; https://link.springer.com/article/10.1007%2Fs11517-021-02483-y	ISI (SCIE), Scopus; Q2	Viện Kỹ thuật Công nghệ
28.	Performance Evaluation of UAV-Based NOMA Networks with Hardware Impairment	Chung Ho Duc, Sang Quang Nguyen, Chi-Bao Le, Ngo Tan Vu Khanh*,	Electronics (Switzerland) (ISSN: 2079-9292)	First published: 28 December 2021; https://www.mdpi.com/2079-9292/11/1/94	ISI (SCIE), Scopus; Q2	Viện Kỹ thuật Công nghệ
29.	Recycled pangasius pond sediments as organic fertilizer for vegetables cultivation: strategies for sustainable food production	Chau Thi Da, Trinh Hoai Vu, Duong The Duy, Nguyen Minh Ty, Dang Trung Thanh, Minh-Tri Nguyen-Le, Hakan Berg, Quy-Hao Nguyen, Xuan-Thanh Bui*	Clean Technologies and Environmental Policy (ISSN: 1618-954X)	First published: 19 May 2021; https://link.springer.com/article/10.1007/s10098-021-02109-9	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng

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30.	The genus <i>Ophiogomphus</i> Lieftinck, 1964 in Vietnam, with descriptions of the female of <i>O. minimus</i> Karube, 2014 and <i>O. phantoani</i> sp. nov. (Odonata: Gomphidae)	Quoc Phu Ngo*, Minh Ty Nguyen	Zootaxa (ISSN: 1175-5334)	First published: 2021-11-03; https://mapress.com/zt/article/view/zootaxa.5061.1.6	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
31.	First principles prediction of the stable MgFCl Janus monolayer with tunable properties	D.M. Hoat, Duy Khanh Nguyen* , Dolores García-Toral, Vo Van On* , J.F. Rivas-Silva, Gregorio H. Coccoletzi	Physica E: Low-Dimensional Systems and Nanostructures (ISSN: 1386-9477)	First published: 4 January 2022; https://www.sciencedirect.com/science/article/abs/pii/S1386947721003842#!	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
32.	First-principles investigation of the (HfSe ₂) _{4-n} -(HfSSe) _n (n = 0, 1, 2, 3, 4) lateral heterostructures	Vo Van On , J. Guerrero-Sanchez, R. Ponce-Pérez, J. F. Rivas-Silva, Gregorio H. Coccoletzi, D. M. Hoat*	International Journal of Quantum Chemistry (ISSN: 1097-461X)	First published: 25 December 2021; https://onlinelibrary.wiley.com/doi/full/10.1002/qua.26857	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
33.	Calculation of the Neutron Parameters for Accelerator-Driven Subcritical Reactors	Tien Tran Minh* , Dung Tran Quoc	Science and Technology of Nuclear Installations (ISSN: 1687-6083)	First published: 20 Dec 2021; https://www.hindawi.com/journals/stni/2021/5284580/	ISI (SCIE), Scopus; Q2	Viện Phát triển Ứng dụng
34.	A Data-Driven Assessment Based on Viscosity Resistance Coefficient Indicator of Bridge Spans Using Deep Learning and Balancing Composite Motion Optimization	Thanh Q. Nguyen	Journal of Vibration Engineering and Technologies (ISSN: 2523-3939)	First published: 19 October 2021; https://link.springer.com/article/10.1007/s42417-021-00394-8	ISI (SCIE), Scopus; Q3	Viện Kỹ thuật Công nghệ

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35.	A Quasioppositional-Chaotic Symbiotic Organisms Search Algorithm for Distribution Network Reconfiguration with Distributed Generations	Minh-Tuan Nguyen Hoang, Bao-Huy Truong , Khoa Truong Hoang, Khanh Dang Tuan, Dieu Vo Ngoc*	Mathematical Problems in Engineering (ISSN: 1563-5147)	First published: 24 Dec 2021; https://www.hindawi.com/journals/mpe/2021/2065043/	ISI (SCIE), Scopus; Q3	Viện Kỹ thuật Công nghệ
36.	Power Spectral Density of Defect Beams Under a Moving Load	Thanh Q. Nguyen	Iranian Journal of Science and Technology - Transactions of Civil Engineering (ISSN: 2228-6160)	First published: 15 October 2021; https://link.springer.com/article/10.1007/s40996-021-00762-0	ISI (SCIE), Scopus; Q3	Viện Kỹ thuật Công nghệ
37.	Elimination of Amoxicillin from Hospital Wastewater Using the Cold Plasma Technique	Phuong Thi Thanh Nguyen, Hiep Nghia Bui, Hieu Trung Nguyen , Thien Huu Pham, Tri Huu Nguyen, Ha Manh Bui*	Polish Journal of Environmental Studies (ISSN: 1230-1485)	First published: 2021-12-30; http://www.pjoes.com/Elimination-of-Amoxicillin-from-Hospital-Wastewater-Using-the-Cold-Plasma-Technique,141327,0,2.html	ISI (SCIE), Scopus; Q3	Viện Phát triển Ứng dụng
38.	Dendrobium parahendersonii, a new Orchid Species (Orchidaceae) 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: 20 August 2021; https://taiwania.ntu.edu.tw/abstract.php?type=abstract&id=1770	ISI (SCIE), Scopus; Q3	Viện Phát triển Ứng dụng
39.	Analyzing the Neutron Parameters in the Accelerator Driven Subcritical Reactor Using the Mixture of Molten Pb-Bi as Both Target and Coolant	Tien Tran Minh	Atoms (ISSN: 2218-2004)	First published: 21 November 2021; https://www.mdpi.com/2218-2004/9/4/95	ISI (ESCI), Scopus; Q2	Viện Phát triển Ứng dụng

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40.	An effective method for clustering-based web service recommendation	Ha Huy Cuong Nguyen, Bui Thanh Khiet* , Van Loi Nguyen, Thanh Thuy Nguyen	International Journal of Electrical and Computer Engineering (ISSN: 2088-8708)	First published: Vol 12(2), 2022; http://ijece.iaescore.com/index.php/IJECE/article/view/23234	Scopus; Q2	Viện Kỹ thuật Công nghệ
41.	Using CaCO ₃ -doped package to improve correlated color temperature uniformity of white light-emitting diodes	My Hanh Nguyen Thi, Nguyen Thi Phuong Loan, Thuc Minh Bui, Hoang Van Ngoc*	International Journal of Electrical and Computer Engineering (ISSN: 2088-8708)	First published: Vol 12(2), 2022; http://ijece.iaescore.com/index.php/IJECE/article/view/23234	Scopus; Q2	Viện Phát triển Ứng dụng
42.	Effects of Total Disc Replacement on Range of Motion and Facet Stress in Lumbar Spine Using a Finite Element Analysis	M.A. Suarin, M.J.A. Latif*, M.S. Zakaria, M.N. Harun, H.Q. Nguyen	International Journal of Nanoelectronics and Materials (ISSN: 1985-5761)	First published: August 2021; https://ijneam.unimap.edu.my/index.php/vol-14-august-2021-special-issue-isste-2020 https://ijneam.unimap.edu.my/images/PDF/IJNeaM%20Special%20Issue%202021%20(1)/Vol%2014%20SI%20Aug2021%20263-274.pdf	ISI (ESCI), Scopus; Q3	Viện Kỹ thuật Công nghệ
43.	Effectiveness of CaCl ₂ treatment on quality attributes of banana fruit during storage	Nguyen Phuoc Minh	Plant Science Today (ISSN: 2348-1900)	First published: 21-11-2021; https://horizonpublishing.com/journals/index.php/PST/article/view/1458	ISI (ESCI), Scopus; Q3	Viện Phát triển Ứng dụng
44.	Quality attributes of cantaloupe (Cucumis melo L.) fruit under pre-harvest and post-harvest treatment with methyl jasmonate and salicylic acid	Nguyen Phuoc Minh	Plant Science Today (ISSN: 2348-1900)	First published: 01-01-2022; https://horizonpublishing.com/journals/index.php/PST/article/view/1456	ISI (ESCI), Scopus; Q3	Viện Phát triển Ứng dụng

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45.	Rosmarinic acid production in cell suspension cultures of <i>Ehretia asperula</i> Zollinger & Moritz	Pham Thi My Tram* , Ngo Ke Suong, Le Thi Thuy Tien	Plant Science Today (ISSN: 2348-1900)	First published: 01 January 2022; https://horizonepublishing.com/journals/index.php/PST/article/view/1490/967	ISI (ESCI), Scopus; Q3	Viện Phát triển Ứng dụng
46.	Throughput performance for full-duplex DF relaying protocol in hybrid wireless power transfer systems	Hoang-Phuong Van, Hoang-Sy Nguyen*	Indonesian Journal of Electrical Engineering and Computer Science (ISSN: 2502-4760)	First published: December 2021; http://ijeecs.iaescore.com/index.php/IJEECS/article/view/25115/15791	Scopus; Q3	Viện Kỹ thuật Công nghệ
47.	Effectiveness of pickling on the phytochemical composition and antioxidant ability in kelakai (<i>Stenochlaena palustris</i>) creeping fern	Minh Nguyen Phuoc	Research on Crops (ISSN: 0972-3226)	First published: 15 January, 2022; https://www.indianjournals.com/ijor.aspx?target=ijor:rcr&volume=22&issue=4&article=030	Scopus; Q3	Viện Phát triển Ứng dụng
48.	Effect of thermal treatments on the phenolic composition and antioxidant retention in <i>Celastrus hindsii</i> leaf	Minh Nguyen Phuoc	Research on Crops (ISSN: 0972-3226)	First published: 15 January, 2022; https://www.indianjournals.com/ijor.aspx?target=ijor:rcr&volume=22&issue=4&article=031	Scopus; Q3	Viện Phát triển Ứng dụng
49.	Fertility, Growth Rate, Polymorphism of GH and FUT1 Genes of Hybrid between Wild Boars and Indigenous Breeds	Thi Thu Hue Le, Van Hanh Nguyen*, Thi Huong Giang Tran, Son Hoang Nghia	Chemical Engineering Transactions (ISSN: 2283-9216)	First published: 15 December 2021; https://www.cetjournal.it/index.php/cet/article/view/CET2189019	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
50.	Effect of Lactic Acid produced by Lactic acid bacteria on Prodigiosin production from Streptomyces coelicolor	Tran Thi Minh Thu, Doan Thi Thanh Vinh, Nguyen Anh Dung , Nguyen Hoang Khue Tu*	Research Journal of Pharmacy and Technology (ISSN: 0974-360X)	First published: Apr 29, 2021; https://rjptonline.org/AbstractView.aspx?PID=2021-14-4-21	Scopus; Q3	Viện Phát triển Ứng dụng
51.	Study on the ability of producing of conjugated Linoleic acid of Lactobacillus fermentum A01 isolated from human digestive tract	Nguyen Pham Quynh Anh, Tran Thi Hai Yen, Doan Thi Thanh Vinh, Tran Phu Tien, Nguyen Anh Dung , Nguyen Hoang Khue Tu*	Research Journal of Pharmacy and Technology (ISSN: 0974-360X)	First published: Mar 18, 2021; https://rjptonline.org/AbstractView.aspx?PID=2021-14-3-22	Scopus; Q3	Viện Phát triển Ứng dụng
52.	Study on conditions for Gama buryric acid (GABA) production in Lactobacillus fermentum A01 isolated from human	Cat Thien Phuc, Doan Thi Thanh Vinh, Truong Khoa My, Tran Thi Thu Hien, Nguyen Anh Dung , Tran Thi Minh Thu, Tu Hoang Khue Nguyen*	Research Journal of Pharmacy and Technology (ISSN: 0974-360X)	First published: Apr 29, 2021; https://rjptonline.org/AbstractView.aspx?PID=2021-14-4-63	Scopus; Q3	Viện Phát triển Ứng dụng
53.	Postharvest Treatment of Chinese Kale (Brassica oleracea var. alboglabra) by Pulse Light to Removal of Microbial Load, Pesticide Residue and Integrity of Physicochemical Quality and Phytochemical Constituent	Nguyen Phuoc Minh	Journal of Pure and Applied Microbiology (ISSN: 2581-690X)	First published: 15/11/2021; https://microbiologyjournal.org/postharvest-treatment-of-chinese-kale-brassica-oleracea-var-alboglabra-by-pulse-light-to-removal-of-microbial-load-pesticide-residue-and-integrity-of-physicochemical-quality-and-phytochemical-cons/	ISI (ESCI), Scopus; Q4	Viện Phát triển Ứng dụng

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54.	Possibility of Pulsed Electric Field and Essential Oil Pre-treatment, Microwave-air Dehydration to the Quality of the Dehydrated Sesban (Sesbania sesban) Flower	Nguyen Phuoc Minh	Journal of Pure and Applied Microbiology (ISSN: 2581-690X)	First published: 18/11/2021; https://microbiologyjournal.org/possibility-of-pulsed-electric-field-and-essential-oil-pre-treatment-microwave-air-dehydration-to-the-quality-of-the-dehydrated-sesban-sesbania-sesban-flower/	ISI (ESCI), Scopus; Q4	Viện Phát triển Ứng dụng
55.	CRISPR/Cas9 application in tomato breeding improvement: a review	Anh Phu Nam Bui	Advancements in Life Sciences (ISSN: 2310-5380)	First published: December 2021; http://www.als-journal.com/842-21/	ISI (ESCI), Scopus; Q4	Viện Phát triển Ứng dụng
56.	Corona Discharge Power of Plasma Treatment Influence on the Physicochemical and Microbial Quality of Enoki Mushroom (Flammulina velutipes)	Nguyen Phuoc Minh	Journal of Pure and Applied Microbiology (ISSN: 2581-690X)	First published: 07/01/2022; https://microbiologyjournal.org/corona-discharge-power-of-plasma-treatment-influence-on-the-physicochemical-and-microbial-quality-of-enoki-mushroom-flammulina-velutipes/	ISI (ESCI), Scopus; Q4	Viện Phát triển Ứng dụng
57.	Effect of Brine fermented Pickling to Physicochemical, Anti-nutritional, and Microbiological Attributes of Pickled gboma Eggplant (Solanum macrocarpon)	Nguyen Phuoc Minh	Journal of Pure and Applied Microbiology (ISSN: 2581-690X)	First published: 10/01/2022; https://microbiologyjournal.org/effect-of-brine-fermented-pickling-to-physicochemical-anti-nutritional-and-microbiological-attributes-of-pickled-gboma-eggplant-solanum-macrocarpon/	ISI (ESCI), Scopus; Q4	Viện Phát triển Ứng dụng

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58.	Some properties of germanene when adsorption of NH ₃ in the external field	Hoang Van Ngoc	Journal of Physics: Conference Series (ISSN: 1742-6596) ICAPSM 2021) 12- 13 August 2021, India (Virtual)	First published: 17 November 2021; https://iopscience.iop.org/article/10.1088/1742-6596/2070/1/012005	Scopus; Q4	Viện Phát triển Ứng dụng
59.	Doping two boron atoms in germanene nanoribbons in an external electric field	Hoang Van Ngoc*, Trieu Quynh Trang, Air Xayyadeth, Chu Viet Ha	Journal of Physics: Conference Series (ISSN: 1742-6596) ICAPSM 2021) 12- 13 August 2021, India (Virtual)	First published: 17 November 2021; https://iopscience.iop.org/article/10.1088/1742-6596/2070/1/012130	Scopus; Q4	Viện Phát triển Ứng dụng
60.	Cosmic inflation in some viable modified models of f(R) gravity of polynomial-exponential form	Vo Van On*, Nguyen Hai Dang	Journal of Physics: Conference Series (ISSN: 1742-6596) ICAPSM 2021) 12- 13 August 2021, India (Virtual)	First published: 17 November 2021; https://iopscience.iop.org/article/10.1088/1742-6596/2070/1/012049	Scopus; Q4	Viện Phát triển Ứng dụng
61.	Vibration Analysis of Laminated Composite Beams Using a Novel Two-Variable Model with Various Boundary Conditions	Quoc-Cuong Le*, Trung-Kien Nguyen, Ba-Duy Nguyen	Mechanisms and Machine Science (ISSN: 2211-0992) IFTToMM Asian MMS 2021 (ISBN: 978-3-030-91892-7)	First published: 15 December 2021; https://link.springer.com/chapter/10.1007/978-3-030-91892-7_76	Scopus; Q4	Viện Kỹ thuật Công nghệ

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62.	Conductivity Tensor in Cylindrical Quantum Wire with Parabolic Potential for the Case of Electron-Acoustic Phonon Scattering	Hoang Van Ngoc	Materials Science Forum (ISSN: 1662-9752)	First published: 2022-01-04; https://www.scientific.net/MSF.1048.205	Scopus; Q4	Viện Phát triển Ứng dụng
63.	Application of Combined SWOT and AHP Analysis to Assess the Reality and Select the Priority Factors for Social and Economic Development (a Case Study for Soc Trang City)	Dang Trung Thanh*, Nguyen Huynh Anh Tuyen	Lecture Notes in Networks and Systems (ISSN: 2367-3389) Proceedings of the 4th International Conference on ICO2021 (ISBN: 978-3-030-93247-3)	First published: 01 January 2022; https://link.springer.com/chapter/10.1007/978-3-030-93247-3_64	Scopus; Q4	Viện Phát triển Ứng dụng
64.	Weight of Factors Affecting Sustainable Urban Agriculture Development (Case Study in Thu Dau Mot Smart City)	Trung Thanh Dang*, Quang Minh Vo, Thanh Vu Pham	Lecture Notes in Networks and Systems (ISSN: 2367-3389) Proceedings of the 4th International Conference on ICO2021 (ISBN: 978-3-030-93247-3)	First published: 01 January 2022; https://link.springer.com/chapter/10.1007/978-3-030-93247-3_64	Scopus; Q4	Viện Phát triển Ứng dụng

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65.	Optical and magnetic properties of orthoferrite NdFeO ₃ nanomaterials synthesized by simple co-precipitation method	Pham Thi Hong Duyen, Nguyen Anh Tien*	Kondensirovannye Sredy Mezhfaznye Granitsy (ISSN: 2687-0711)	First published: 2021-11-24; https://journals.vsu.ru/kcmf/article/view/3680	Scopus; Q4	Viện Phát triển Ứng dụng
66.	Study of doping two tin atoms per unit cell of silicene nanoribbons in the presence of an external electric field	Hoang Van Ngoc	Materials Today: Proceedings (ISSN: 2214-7853)	First published: 12 October 2021; https://www.sciencedirect.com/science/article/pii/S2214785321063239?via%3Dihub	Scopus	Viện Phát triển Ứng dụng
67.	Configuration of phosphorus doping in silicene nanoribbons in the presence of an external electric field	Hoang Van Ngoc	Materials Today: Proceedings (ISSN: 2214-7853)	First published: 3 August 2021; https://www.sciencedirect.com/science/article/pii/S2214785321053177	Scopus	Viện Phát triển Ứng dụng
68.	Investigation of DFT on the structural and electronic properties of silicene nanoribbons when adsorption of Li, H, Fe	Vo Van On*, Nguyen Thanh Hung, Dang Thi Khanh Huyen, Le Thi Phuong Trinh, Le Vo Phuong Thuan	Materials Today: Proceedings (ISSN: 2214-7853)	First published: 18 October 2021; https://www.sciencedirect.com/science/article/pii/S2214785321063951#!	Scopus	Viện Phát triển Ứng dụng
69.	The structure and thermodynamic properties of silicene materials in the cooling process: A new sight from molecular dynamics simulation	Vo Van On*, Tran Thanh Binh	Materials Today: Proceedings (ISSN: 2214-7853)	First published: 30 December 2021; https://www.sciencedirect.com/science/article/pii/S2214785321077658#!	Scopus	Viện Phát triển Ứng dụng
70.	Physicochemical properties of sugar-free cookies using foxtail millet composite flour	Danh Vu	Bioscience Research (ISSN: 2218-3973)	First published: 16-11-2021; https://www.isisn.org/BR18(4)2021/2936-2945-18(4)2021BR21-409.pdf	ISI (ESCI)	Viện Phát triển Ứng dụng

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71.	Screening the ability to control mesomorphus villiger (black bean beetle) of six metarhizium anisopliae strains isolated in Binh Duong, Viet Nam	Manh Tran, Dung Nguyen*	International Journal of Advanced Research (ISSN: 2320-5407)	First published: December 2021; https://www.journalijar.com/article/39310/screening-the-ability-to-control-mesomorphus-villiger-(black-bean-beetle)-of-six-metarhizium-anisopliae-strains-isolated-in-binh-duong,-viet-nam/	Tạp chí quốc tế chưa xếp ISI, Scopus	Viện Phát triển Ứng dụng