

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 – NĂM HỌC 2024 - 2025

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	Năm xuất bản
1	Alginate Cross-Linking Based Edible Coatings Enriched Hexyl Acetate: Browning Inhibition, Microbial Control and Maintain Quality of FreshCut Rose Apple Cv. 'Tabtimchan'	Nhung Thi Cam Duong, Apiradee Uthairatanakij*, Natta Laohakunjit*, Pongphen Jitareerat	Journal of Food: Microbiology, Safety & Hygiene (1000319)	9, 6, tr.1-11,1/2025		2025
3	Introduction to industry 6.0 technologies: A Paradigm Shift Towards Smart, Sustainable, and Resilient Architectural Design	Nguyen Thi Hong	Lecture Notes in Networks and Systems (2367-3389)	, tr.13,5/2025	Q4	2025
4	On the southernmost record of fish genus Pseudohemiculter Nichols & Pope, 1927 and new record of P. dispar (Peters, 1881) (Cypriniformes, Xenocyprididae) from Phu Yen Province, Vietnam	Ty Minh Nguyen*, Xuan Bach Nguyen-Le, Thien Quang Huynh	Check List (1809-127X)	Vol. 21(4), tr.666-670,7/2025	ISI (ESCI), SCOPUS; Q3	2025
5	Tunability of Morphology and Conductivity of PPy Films Deposited Au/PI Flexible Electrode for High-Sensitivity EGFET-Based pH Sensor	Hoang Thi Hien, Dang Tuan Dat, Ho Truong Giang*, Giang Hong Thai, Ngo Thanh Hieu, Do Thi Anh Thu, Pham Quang Ngan, Pham Tuan Anh, Ngo Ngoc Ha*	Advanced Materials Technologies (2365-709X)	, tr.e00639,7/2025	ISI (SCIE), SCOPUS; Q1	2025

6	Leucaena-Silicone Biocomposite: Experimentation, Quantification and Prediction of Mechanical Properties for Potential Applications in Medicine and Healthcar	Muhammad Hamizan Hidzer, Nurul Haiza Sapiee, Wan Mohd Nazri Wan Abdul Rahman, Chi Hieu Le, Ho Quang Nguyen, Jamaluddin Mahmud*	International Journal of Automotive and Mechanical Engineering (2180-1606)	Vol. 22(2),6/2025	ISI (ESCI), SCOPUS; Q3	2025
7	Numerical Simulation and Analysis of the Post-buckling Response of the Stiffened Panels	M. S. Ismail*, M. F. S. Salleh, A. H. Samsudin, A. Jailani, C. H. Le, H. Q. Nguyen, J. Mahmud	Lecture Notes in Mechanical Engineering (2195-4364)	,5/2025	Q4	2025
8	A Feature Selection Approach Based on Hybrid Binary Particle Swarm and Whale Optimisation for Bearing Fault Diagnosis	Chun-Yao Lee*, Truong-An Le, Xu-Heng Hsueh, Chung-Hao Huang	IET Electric Power Applications (1751-8660)	Vol. 19(1), tr.1-18,7/2025	ISI (SCIE), SCOPUS; Q2	2025
9	A Hybrid P&O and PV Characteristics Simulation Method for GMPPT in PV Systems Under Partial Shading Conditions	Van Hien Bui*, Van Du Ha*, Viet Anh Truong, Thanh Long Duong	Sensors (1424-8220)	Vol. 25(6),3/2025	ISI (SCIE), SCOPUS; Q1	2025
10	Impact of Body Weight on Intervertebral Disc: A Finite Element Analysis of Lumbar Spine Total Disc Replacement	Siti Nurfaezah Zahari, Mohd Juzaila Abd Latif*, Mohamad Shukri Zakaria, Masni Azian Akiah, Nguyen Ho Quang, Mohammed Rafiq Abdul Kadir	Journal of Mechanical Engineering (1823-5514)	Vol. 22(2),5/2025	Q4	2025
11	Visible-light-driven photocatalytic nitric oxide degradation using A@g-C3N4/PAA/PES composite membranes (A = MgO, TiO2)	Minh-Thuan Pham, Yen-Yi Lee, Sakthivel Kogularasu, Truc-Mai T. Nguyen, Van Viet Pham*, Hieu Trung Nguyen, Minh-Ky Nguyen, Jein-Wen Chen, Guo-Ping Chang-Chien*, Tien-Chin Chang, Ya-Fen Wang, Sheng-Jie You*	Surfaces and Interfaces (2468-0230)	Vol. 67, tr.106635,5/2025	ISI (SCIE), SCOPUS; Q1	2025
12	Ultrasound-Induced Modification of Durian Starch (Durio zibethinus) for Gel-Based Applications: Physicochemical and Thermal Properties	Hien Vinh Nguyen, Phong Xuan Huynh, Tuyen Chan Kha*	Gels (2310-2861)	Vol. 11(4),4/2025	ISI (SCIE), SCOPUS; Q1	2025

13	Using Modified Castor Oil as Bio-Polyol in Preparation of Water-Blown Rigid Polyurethane Foam with Microcrystalline Cellulose Reinforcement	Ngoc-Anh Thi Quang, Bich-Thao Thi Nguyen, Khuong Quoc Vo*	ChemistrySelect (2365-6549)	Vol. 10(10),3/2025	ISI (SCIE), SCOPUS; Q3	2025
14	Effective integration of peroxymonosulfate activation and photocatalysis by MnO ₂ @CeO ₂ catalyst for enhanced membrane antifouling performance	Vu-Anh Le, Hieu Trung Nguyen, Ya-Fen Wang, Sheng-Jie You*	Separation and Purification Technology (1873-3794)	Vol. 376 (1), tr.133877,6/2025	ISI (SCIE), SCOPUS; Q1	2025
15	Impact of Interaction Potential on the Melting Temperature and Structural Characteristics of Nickel: A Molecular Dynamics Simulation Study	Mai Van Dung, Dung Nguyen Trong*, Ștefan Țălu*	Nano (1793-7094)	,6/2025	ISI (SCIE), SCOPUS; Q3	2025
16	Performance analysis for IRS-enabled full-duplex energy harvesting NOMA under practical imperfections	Toi Le-Thanh, Khuong Ho-Van*, Thiem Do-Dac	Wireless Networks (1572-8196)	Vol. 31,2/2025	ISI (SCIE), SCOPUS; Q2	2025
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18	2D/1D Heterojunction of g-C ₃ N ₄ /TiO ₂ as an Efficient Photocatalyst for NO _x Removal	Pho Thi Le, Khanh Quang Nguyen, Tin Chanh Duc Doan, Viet Van Pham*	Korean Journal of Chemical Engineering (1975-7220)	,6/2025	ISI (SCIE), SCOPUS; Q2	2025
19	Synergistic photocatalysis and peroxide activation of CuO-based composite and membrane for mineralizing aqueous dyes and real wastewater under ambient conditions	Hieu Trung Nguyen*, Yu-Ting Su, Ya-Fen Wang, Sheng-Jie You	Journal of Water Process Engineering (2214-7144)	Vol. 76, tr.108275,7/2025	ISI (SCIE), SCOPUS; Q1	2025

23	A motor fault diagnosis using hybrid binary differential evolution algorithm and whale optimization algorithm with storage space	Chun-Yao Lee*, Truong-An Le, Tzu-Hao Chu, Shih-Che Hsu	IET Control Theory and Applications (1751-8652)	Vol. 19(1), tr.12783,1/2025	ISI (SCIE), SCOPUS; Q1	2025
24	Development of strategies for persulfate activation with cerium-based catalysts for environmental applications: A review	Vu-Anh Le, Hieu Trung Nguyen, Thi-Dieu-Hien Vo, Ya-Fen Wang, Sheng-Jie You*	Journal of Environmental Chemical Engineering (2213-3437)	Vol. 13(2), tr.115699,2/2025	ISI (SCIE), SCOPUS; Q1	2025
27	Sustainable utilization of recycled polyethylene terephthalate as filtration, distillation, and separation membranes: a comprehensive review	Hieu Trung Nguyen*, Sheng-Jie You	Polymer Bulletin (1436-2449)	Vol. 82,6/2025	ISI (SCIE), SCOPUS; Q2	2025
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33	Secrecy analysis of orthogonal/nonorthogonal multiple access in energy scavenging-enabled short-packet transmission	Toi Le-Thanh, Khuong Ho-Van, Thiem Do-Dac*	Computer Communications (1873-703X)	Vol. 240,5/2025	ISI (SCIE), SCOPUS; Q1	2025
34	Enhancing Prediction Accuracy and Data Handling for Environmental Applications in Innovative Modeling of Groundwater Level Fluctuations Based on the Tree Ensembles Technique	Duong Thi Kim Chi, Do Dac Thiem, Trinh Thi Nhu Quynh, Thanh Q. Nguyen*	Journal of Hydrologic Engineering (1943-5584)	Vol. 30(4),5/2025	ISI (SCIE), SCOPUS; Q2	2025

35	Improved MPPT Algorithm for Green Bus Stations using Solar Energy Systems	Sy Ngo*, Thanh-Dong Ngo	IEEJ Journal of Industry Applications (2187-1108)	Vol. 14(3), tr.450–457,5/2025	ISI (ESCI), SCOPUS; Q2	2025
37	Synergistic adsorption performance from binary and ternary composites comprising ZnO, PVA, and crab shell chitosan for azo and non-azo dyes	Hieu Trung Nguyen*, Thi Bich Tram Nguyen, Ha Manh Bui	Separation Science and Technology (1520-5754)	Vol. 59(10-14), tr.1127-1146,6/2024	ISI (SCIE), SCOPUS; Q2	2024
39	Application of symmetric uncertainty and emperor penguin–grey wolf optimisation for feature selection in motor fault classification	Chun-Yao Lee*, Truong-An Le, Wei-Lun Chien, Shih-Che Hsu	IET Electric Power Applications (1751-8660)	Vol. 18(10), tr.1–15,8/2024	ISI (SCIE), SCOPUS; Q2	2024
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41	Correlation of Silage Feeds to Blood Biochemical Parameters in Saanen Goats	Nguyen Thi Thu Hien	European Journal of Theoretical and Applied Sciences (2786-7447)	Vol. 2(5), tr.585-592.,9/2024		2024
44	Corrosion mitigation of carbon steel in sulfuric and hydrochloric acid solutions by Syzygium polyanthum (Wight) Walp. leaf extract	Thanh Liem Huynh*, Tran Dinh Manh, Lien Thi Phuong Nguyen, Dao Thanh Vu, Khang Duy Huu Nguyen*, Kim Long Duong Ngo	Results in Surfaces and Interfaces (2666-8459)	17, tr.100318,10/2024	ISI (ESCI), SCOPUS; Q2	2024
45	Syzygium polyanthum (Wight) Walp. leaf extract as a sustainable corrosion inhibitor for carbon steel in hydrochloric acidic environment	Khang Duy Huu Nguyen, Tran Dinh Manh, Lien Thi Phuong Nguyen, Dao Thanh Vu, Kim Long Duong Ngo*	Journal of Industrial and Engineering Chemistry (1226-086X)	Vol. 143, tr.468-487,8/2024	ISI (SCIE), SCOPUS; Q1	2024
46	Using Chloroplast Regions accD, matK, rbcL, and ycf-1 for Phylogeny Construction in Polyspora huongiana Orel, Curry & Luu	Nguyen Trung Quan, Hoang Thanh Chi, Phung My Trung, Truong Quang Cuong, Tran Thi Cam Thi, Hoang Kim Son, Bui Thi Kim Ly*	European Journal of Biology (2618-6144)	Vol. 83(2),9/2024	Q4	2024

47	Anti-leukemic effects of Vernonia amygdalina extract	T. C. Hoang, T. Q. Nguyen, T. K. L. Bui*	Brazilian Journal of Biology (1678-4375)	Vol. 84,8/2024	Q2	2024
48	Cytotoxic effect of Eleutherococcus trifolius (L.) S.Y. Hu stem bark extracts on Gastric, Lung, and Hepatocellular cancer cells	Nguyen Quan, Bui Thi Kim Ly, Hoang Thanh Chi*	International Journal of Secondary Metabolite (2148-6905)	Vol. 11(3),8/2024	Q4	2024
49	Morphological, Nutritional and Some Behavioral Characteristics of Common Palm Civet (Paradoxurus hermaphroditus) in Captivity	Nguyen Thi Thu Hien	European Journal of Theoretical and Applied Sciences (2786-7447)	Vol. 2(6), tr.733-739.,11/2024		2024
50	The antioxidant and cytotoxicity capabilities of the total methanol leaf extract of Camellia yokdonensis	Thanh Chi Hoang, Trung Quan Nguyen, Thi Kim Ly Bui*	Biotech Studies (2757-5233)	Vol. 33(2),10/2024	Q3	2024
51	Evaluation of the antioxidant and anti-leukaemic effects of Andrographis paniculata methanol extract	Hoang Thanh Chi, Vo Ngoc Tram, Nguyen Trung Quan, Bui Thi Kim Ly*	ScienceAsia (1513-1874)	Vol. 50(3),7/2024	ISI (SCIE), SCOPUS; Q2	2024
52	Physiological and Biochemical Blood Indicators of Boer X Saanen Crossbred Goats Raised in Binh Duong Province, Vietnam	Nguyen Thi Thu Hien	International Journal of Multidisciplinary Research and Analysis (2643-9875)	Vol. 7(9), tr.4150-4156,9/2024		2024
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56	The Optoelectronic Properties of AS-Doped 1d Germanene for Potential Applications	Hoang Van Ngoc*, Huynh Thi Phuong Thuy, Dinh Hai Lam	Nano (1793-7094)	,9/2024	ISI (SCIE), SCOPUS; Q3	2024

57	Research on Geometry-Based Algorithm to Avoid Collisions with Pedestrians for Autonomous Vehicles	Tuan-Anh Le, Trung-Hieu Pham, Van-Ho Tran, Van-Binh Nguyen, My-Ha Le*	Lecture Notes in Networks and Systems (2367-3389)	Vol. 1195, tr.197-210,12/2024	Q4	2024
58	Effect of Storage Temperature of Articular Cartilage on Magnetic Resonance Imaging Greyscale and Biomechanical Properties	Hashemi Hashim, Mohd Juzaila Abd Latif*, Mohammad Shukri Zakaria, Ruzy Haryati Hambali, Hambali Arep, Muhammad Noor Harun, Nguyen Ho Quang, Munirah Sha'ban	Journal of Advanced Research in Applied Mechanics (2289-7895)	Vol. 128 (1),11/2024		2024
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