VIETNAM JOURNAL OF SCIENCE AND TECHNOLOGY

Volume 63, Number 5, 2025

CONTENTS

1	Le Thi Giang, Vu Mai Thao, Nguyen Thi Tu Oanh, Vu Phuong Nhung, Nguyen	Page 823-848
	Thi Minh Hang, Ninh Khac Ban, Nguyen Xuan Nhiem - Review: The traditional uses, secondary metabolites, and pharmacology of <i>Symplocos</i> species.	
2	Bui Thi Kim Anh, Nguyen Van Thanh, Dang Dinh Kim, Dao Quang Ngoc, Nguyen Thi Hoang Ha, Nguyen Minh Phuong, Pham Thi Thuy - Review: Potential and strategies for implementing constructed wetland technology to mitigate water pollution in Ha Noi's lakes and ponds, Viet Nam.	849-863
3	Nguyen Ngoc Thanh , Vũ Minh Tan - Synthesis of some <i>bis</i> (styryl) containing coumarin ring from substituted 3-acetyl-4-methylcoumarin.	864-874
4	Tran Thi Tuyet, Vu Trung Nam, Nguyen Quynh Vi, Nguyen Thu Ha, Tran Thi Thuy, Nguyen Ngoc Mai - Synthesis and characterization of the blends of deproteinized natural rubber-graft-polystyrene and regenerated cellulose.	875-885
5	Luong Viet Chat, Huynh Khanh Tuong, Du Ngoc Uy Lan, Cao Xuan Viet - Synthesis of polybenzoxazine as an environmentally friendly adhesive material from cardanol and post-consumer PET source.	886-896
6	Le Thi Bang, Nguyen Van Ha, Bui Duc Long, Nguyen Thi Hong Nhung - Synthesis of hydroxyapatite and strontium-substituted hydroxyapatite for bone replacement and osteoporosis treatment.	897-905
7	Huynh Cong Khanh, Ly Thai Phap, Do Thanh Toan - Manufacturing of Al-Zr-Si master alloy from zircon concentrate.	906-915
8	Kieu Do Trung Kien, Ong Dieu Hanh, Nguyen Hoang Thien Khoi, Huynh Ngoc Minh - Effect of rice husk morphology on the ability to synthesize silicon carbide by pyrolysis method.	916-923
9	Umar Farooque, Tarique Rashid, Ajay Kumar, Shadab Rabbani, Faiz Ahmad - Model for calculating refractive index from energy gap for binary and ternary chalcopyrite semiconductors.	924-933
10	Thai Tien Dat, Huynh Ngoc Minh, Luu Tuyen, Kieu Do Trung Kien, Nguyen Vu Uyen Nhi, Do Quang Minh - Study on solidified material from dredged sediment, fly ash, and blended portland cement using the response surface method.	934-946
11	Nguyen Khanh Son, Nguyen Hoang Thien Khoi, Nguyen Ngoc Tri Huynh, Nguyen Vinh Phuoc - A comprehensive review of rock dust for soil remineralization in sustainable agriculture and preliminary assessment of nutrient values in micronized porous basalt rock from Nghe An province, Viet Nam.	947-959
12	Nguyen Hong Hai, Le Minh Duc, Hoang Thi Ngoc Quyen, Pham Quang - Numerical simulation and experimental study on effect of cooling rate on microstructure and strength of nanostructured materials.	960-971
13	Nguyen Thi Minh Nguyet, Vuong Vinh Dat, Nguyen Huu Huy Phuc, Le Van Thang - Green synthesis of nanostructured $1T/2H-MoS_2$ hybrid phase with polyol solvents and microwave heating.	972-984
14	Ramabadran C. D., Dhanya N. P., Sudheer K. S - Improved efficiency of bulk heterojunction polymer solar cells by omitting electron transport layer: a SCAPS 1D simulation study.	985-1002
15	Chu Thanh Binh, Tran Van Lien - Vibrations of cracked FGM microbeams based on Modified Coupled Stress Theory.	1003-1020