

CONTENTS

Nguyen Van Dung, Hoang Thi Kim Hoa, Nguyen Thi Hue and Ha Thi Thao, A new splitting method for monotone inclusions	3
Dang Thi Thu Hien, Robust stability of uncertain Hopfield neural networks with proportional delays	14
Pham Van Vinh, The preparation of Al-doped ZnO thin films by spray pyrolysis technique for alcohol vapor sensor	26
Nguyen Truong Giang and Mai Xuan Quang, Characterizing kaolin-based additive for combustion of sugarcane bagasse-derived fuel by thermal analysis	35
Tran Thi Dung, Le Nhat Tung, Bui Ngoc Dung and Vu Huan, Emotion recognition in learners with emoji sentiment accompaniment using the Phobert model	46
Do Ba Chin, Tran Truc Mai, Dang Quoc Huu and Nguyen The Loc, The solution to the project scheduling problem by using an improved genetic algorithm	57
Luong Thai Le, Nguyen Quang Duy and Lo Nguyen Thanh Vinh, Identify student questions about training institutions from online media posts	67
Hoang Thi Thanh, Nguyen Trung Hieu, Tran Phuong Thao, Phan Duy Tang and Duong Quoc Hoan, Design, synthesis, structure, and anticancer of some hydrazide - hydrazones containing benzothiazole	78
Nguyen Thi Thuy Duong and Ngo Tuan Cuong, Study on geometrical structures and absorption spectra of M_4^{2+} clusters ($M = Cu, Ag, Au$) encapsulated in SAPO-42 zeolite β -cage using density functional theory	87
Vu Thi Tinh and Nguyen Thi Bich Viet, Evaluation of the role of reactive oxygen species in PMC-based oxidation systems for RB21 dye degradation	96
Nguyen Bich Ngan, Nguyen Thi Kim Lien, Ta Van Thao and Bui Thi Bao, Development and validation of the magnetic immobilization to determine PAPP-A in human serum	105
Tran Duc Dong, Dao Duc Tung, Bui Hoang Van, Nguyen Dinh Quang, Bui Dinh Tu, Vu Thi Thao and Nguyen Duc Cuong, Preparation of conductive membranes by chemical in situ polymerization of polypyrrole on cellulose fibers	114
Bui Minh Hong and Ta Thi Ngan, Effect of various food on the growth of <i>Gryllus bimaculatus</i> De Geer, 1773 and proposal of a breeding process	128

- Tong Van Hai, Luu Thi Bao Ngoc, Nguyen Quoc Trung, Dong Huy Gioi, Chu Duc Ha, Tran Van Tien, La Viet Hong, Le Thi Ngoc Quynh and Tran Thi Thanh Huyen**, Investigation of the evolution of SABATH gene family in cassava (*Manihot esculenta*) reveals its potential role in growth and development 138
- Ha Thi Dung, Tran The Bach, Ha Minh Tam, Nguyen Mau Hoang Quan and Bui Thu Ha**, *Microchirita bimaculata* (Gesneriaceae), a newly recorded species for the flora of Vietnam 148
- Nguyen Quynh Hoa, Bui Thu Thuy and To Thi Mai Huong**, Application of spectroscopic methods for the authentication of agricultural products of Vietnam: A study of ST25 rice 154
- Nguyen Thi Hong Hanh and Nguyen Kim Anh**, Evaluation of trends in the nutritional status of students at Thanh Thuy Secondary School, Hanoi: A three-year consecutive cross-sectional study 163
- Nguyen Thi Phuong Hang, Nguyen Hoang Long and Dao Ngoc Hung**, Climate change trends in the Red River Delta 174
- Nguyen Thi Thu Hien and Vu Thi Hang**, Meteorological drought developments in Thai Binh province in the context of climate change 185
- Cao Thi Thanh Nga, Le Thi Phuong Quynh, Nguyen Thi My and Duong Thi Thuy**, Evidence of microplastics in agricultural water systems of Ninh Binh province, northern Vietnam 196