

## CONTENTS

### Original Articles

1. **Pham Thi Oanh, Do Thi Xuyen, Nguyen Trung Thanh**, Study on Vegetation at Cham Chu Nature Reserve, Tuyen Quang Province 1
2. **Pham Thanh Luu, Tran Thi Hoang Yen, Hoang Thi Thanh Thuy, Tu Thi Cam Loan**, Mitigation of Cyanobacteria Isolated from Tri An Reservoir Using Local Soils 10
3. **Le Thi Thuy Ha, Hoang Thi Ngoc Tu, Cao Thi Tu Oanh, Nguyen Thuy Ngan, Nguyen Thi Thuy Quynh**, Species Composition Diversity of Chlorophyta and Charophyta Phyla in Bach Ma National Park, Thua Thien Hue Province 18
4. **Tran Thi Thu Huong, Nguyen Xuan Tong**, Evaluation of the Toxicity of Dichlorodiphenyl-trichloroethane (DDT) to the Expression Levels of Three Genes *p53*, *rara1*, *wnt* in the Embryos and Liver of Fish Medaka *Oryzias latipes* 26
5. **Nguyen Van Nghia, Pham Manh Thao, Nguyen Van Ky, Ngo Quy Quyen, Pham Duy Long, Dang Tran Chien, Nguyen Si Hieu**, Synthesis and Application of  $\text{NaNi}_{0.5}\text{Ti}_{0.5}\text{O}_2$  as Electrode Material for Sodium Ion Batteries 37
6. **Truong Thi Thao, Khieu Thi Tam, Nguyen Thi Huong Thom, Nguyen Thuong Tuan**, Green Synthesis of ZnO Nanoparticles using *Piper chaudiocanum* L. Leaf Extract: Characterization and its Application in Pb (II) Adsorption 45
7. **Nguyen Van Du, Nguyen Thi Van Anh, Tran Van Tien, Le Chi Toan**, Two New Records of Species and A New Synonym of Genus *Typhonium* (Araceae) For Flora of Indochina. 54
8. **Nguyen Manh Linh, Dam Duc Tien Duc, Pham Van Quang, Cao Van Luong, Vu Manh Hung**, Diversity of Green Macroalgae Genus *Ulva* (Chlorophyta) in Hai Phong 61
9. **Ngo Van Quang, Nguyen Ngoc Anh, Quach Thi Minh Thu, Tran Thi Thanh Van, Dang Xuan Cuong, Nguyen Quang Tam, Thanh Thi Thu Thuy**, Optimization of Ultrasound-assisted Extraction of Ulvan from Green Seaweed *Ulva lactuca* 70
10. **Tran Thi Yen, Tran Duc Manh, Adam Mechler, Nguyen Hong Son, Huynh Thi Diem Uyen, Huynh Ngoc Bich, Vo Van Quan**, The Mechanisms and Kinetics of Radical Scavenging Activity of Edaravone: A Computational Insight 77
11. **Truong Cong Doanh, Hac Thi Nhung, Nguyen Thi Hanh, Nguyen Thi Thu Hien, Doan Tien Dat, Vu Minh Tan, Hoang Mai Ha**, Synthesis of Nanoplatelet Zinc Borate and its Combination with Expandable Graphite and Red Phosphorus as Flame Retardants for Polypropylene 86
12. **Nguyen Thi Mai Anh, Nguyen Huu Duc Ton, Dinh Minh Quang**, Morphological Characteristics of Digestive Tract and Clark Index of *Ellochelon vaigiensis* (Quoy & Gaimard, 1825) in some Coastal Estuarine Areas in the Mekong Delta 97
13. **Le The Thai, Quach Hong Thai, Nguyen Thi Hong Loan**, Expression of some Serine Protease Encoding Genes and Trypsin-like Protease Activity in Black Tiger Shrimp (*Penaeus monodon*) Infected with White Spot Syndrome Virus 104
14. **Le Minh Thuy, Dang Thi Lieu, Vu Duc Nam, Nguyen Thuy Ngoc, Duong Hong Anh, Tran Manh Tri**, Determination of Bisphenol in Indoor Dust Samples by Liquid Chromatography in Combination with Quadrupole Mass Spectrometry (LC-MS/MS) 113