

## MỤC LỤC

## CONTENTS

	trang
1 <b>Le Thi Vien, Tran Thi Hong Hanh, Phan Thi Thanh Huong, Do Thi Thao, Nguyen Van Thanh, Nguyen Xuan Cuong, Nguyen Hoai Nam</b> - Structure elucidation and cytotoxic activity of attenuatoside B-1, planciside A, and culcitoside C <sub>2</sub> from the starfish <i>Acanthaster planci</i> .	1
2 <b>Nguyen Thi Da, Nguyen Kim Thoa, Tran Dinh Man</b> - Constitution of different signal peptides for enhanced thermostable alpha amylase secretion in <i>Bacillus subtilis</i> .	7
3 <b>Nguyen Thi Trung, Truong Nam Hai</b> - Study on mixing anti-A monoclonal antibody with anti-B monoclonal antibody to make anti-AB using for ABO blood isotyping.	17
4 <b>Trinh Tuan Anh, Doan Ha Thang, Bui Thi Hang</b> - The influence of carbon additive on the electrochemical behaviors of Fe <sub>2</sub> O <sub>3</sub> /C electrodes in alkaline solution.	24
5 <b>Luong Thi Quynh Anh, Nguyen Van Dan, Do Minh Nghiep</b> - Low-temperature synthesis of superparamagnetic Zn <sub>0.8</sub> Ni <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite nanoparticles.	31
6 <b>Tran Hung Tra</b> - Fatigue crack growth at the representative zones in friction stir welding of a heat-treatable aluminium alloy at 200 °C.	39
7 <b>Dinh Thi Phong, Vu Thi Thu Hien, Tran Thi Lieu</b> - Nucleotide diversity of 15 conifer species in Viet Nam' s central highland based on the analysis of <i>ITS</i> , <i>trnH-psbA</i> , <i>matK</i> , <i>trnL</i> AND <i>rpoC1</i> gene regions.	47
8 <b>Nguyen Thi Mai, Nguyen Thanh Tung, Ngo Tuan Cuong</b> - Stability and electronic properties of isomorphous substituted Si <sub>7-x</sub> Mn <sub>x</sub> <sup>+</sup> .	64
9 <b>Ngoc Tuan Le, Xuan Hoang Tran</b> - Assessing climate change exposure of rural fresh water and sanitation – a case study in Can Gio district.	71
10 <b>Nguyen Huu Duc</b> - An approach to balance state of charges of distributed batteries in virtual power plants of dc distribution network.	81
11 <b>Vo Thi Hanh, Pham Thi Nam, Nguyen Thu Phuong, Dinh Thi Mai Thanh</b> - Electrodeposition of CO-doped hydroxyapatite coating on 316L stainless steel.	94
12 <b>Nguyen Huu Trung, Doan Thanh Binh</b> - Large-scale mimo MC-CDMA system using combined multiple beamforming and spatial multiplexing.	102
13 <b>Tran Huu Quoc, Vu Van Tham, Tran Minh Tu</b> - Optimal placement and active vibration control of composite plates integrated piezoelectric sensor/actuator pairs.	113