

CONTENTS

	Page
1 Nur Atirah Afifah Sezali, Hui Lin Ong, Al Rey Villagracia, Tuan-Dung Hoang - Bio-based nanomaterials and their biomedical applications: a short review.	615-634
2 Nguyen Trung Dung, Phan Ngoc Quang, Nguyen Van Anh, Ta Hong Duc, Xuan-Mi Meyer, Jean Francois Blanco, Patrick Cognet, Michel Meyer, Cao Hong Ha - Conceptual design for synthesis of benzaldehyde from natural cinnamomum cassia oil: experiments and simulation.	635-647
3 Man Thi Thuy Duong, Nguyen Ngoc Long, Pham Hai Son, Tran Thi Hoai Van, Long Giang Bach, Pham Quoc Long, Ha Viet Hai, Do Tien Lam, Pham Thi Hong Minh, Le Thi Thuy Huong - Potential inhibitory activities of phytoconstituents in <i>salvia miltiorrhiza</i> against coronary heart disease drug targets using docking and admet studies.	648-659
4 Tran Hoai Tu, Nguyen Trung Nhan, Dang Hoang Phu - Synthesis of benzamide derivatives and evaluation of their in vitro and in silico tyrosinase inhibitory activities.	660-669
5 Le Hong Luyen, Nguyen Thi Linh, Le Thi Hong - Chemical composition, antioxidant activity and extraction optimization of <i>Distichochlamys orlowii</i> Rhizomes.	670-685
6 Nguyen Thanh Tuyen, Pham Gia Dien, Nguyen The Hung, Nguyen Thi Hanh, Vu Minh Tin, Tran Hong Ngoc, Cao Duc Tuan, Pham Quang Duong, Tran Thi Thu Thuy - A new flavanone glycoside with antimicrobial and cytotoxic activities from <i>Camellia hakodae</i> Ninh leaves.	686-696
7 Pham Ngoc Khanh, Tran Thu Huong, Nguyen Xuan Ha, Hoang Thi Ngoc Anh, Vu Thanh Loc, Do Huu Nghi, Do Thi Thao, Trinh Thi Thu Ha, Nguyen Phi Hung, Vu Thi Ha, Ludger A. Wessjohann, Nguyen Manh Cuong - <i>In vitro</i> and <i>in silico</i> inhibitory activity of angiotensin-converting enzyme 2 (ACE-2) and anti-inflammatory effects of natural compounds from <i>Rheum officinale</i> roots.	697-712
8 Khanh Hoang Vuong, Tuong Van Vo Le, Doan Tran Buu Tai, Tan Phuoc Ton, Dang Le Hang, Nguyen Dinh Trung, Ngoc Quyen Tran - Fabrication of alpha-tocopheryl acetate-loaded nanoemulsion towards cosmetic application.	713-724
9 Nguyen Ngoc Linh, Dang Thi My Linh, Nguyen Tuan Anh, Vu Quoc Trung, Nguyen Thien Vuong - 2K/UV dual-curable acrylate epoxy/SiO ₂ nanocomposite coatings: crosslinking and mechanical properties.	725-736
10 Cong Thang Nguyen, Quoc Tri Phung, Van Tuan Nguyen - Synergistic influences of ground granulated blast - furnace slag and silica fume on the viscosity of extremely low W/B cement pastes.	748-759
11 Thuy Duong Nguyen, A. E. Salamianski, A. A. Rogachev, V. M. Akulova, G. B. Melnikova, Dai Lam Tran, Ke Oanh Vu, Gia Vu Pham, Anh Son Nguyen, Thi Xuan Hang To - Formation and characterization of organic silicon and fluoropolymers film on epoxy base for corrosion protection of carbon steel.	760-774

- 12 **Viet M. Trinh, Van Tuyen Trinh, Phuong Thao Nguyen, Huu Tung Pham, Tuan Minh Nguyen, Van Manh Do, Thanh Long Ngo** - Ammonia removal from digested swine wastewater using a high-performance rotating reactor. 775-786
- 13 **Vo Thanh Tu, Le Huu Binh, Phan Dinh Nguyen Vu** - Destination sequenced distance vector routing taking into account signal to noise for flying ad hoc network. 787-797
- 14 **Elena Lyamina** - An exact rigid/plastic solution for a thick-walled tube subject to internal pressure and axial load considering a general isotropic hardening law and its application. 798-809