

CONTENTS

	Page
1 Abhishek Chanda, Sonal Thakkar - Promoting use of waste materials for sustainable geopolymer concrete: a scientometric review.	201-225
2 Pham Van Dinh, Leu Tho Bach, Pham Van Toi, Do Van Manh, Tran Thanh Liem - A critical review on factors affecting the two-stage anaerobic digestion of biodegradable solid waste.	226-248
3 Thi Huyen Trang Trinh, Van Bon Nguyen, Manh Dung Doan, Dinh Minh Tran, Mai Huong Le, Anh Dzung Nguyen - Fungal antagonistic activity of rhizobacteria isolated from black pepper.	249-261
4 Le Nguyen Thanh, Diep Thi Lan Phuong, Vu Thi Hue, Nguyen Thi Hue, Nguyen Hoang Nam, Nguyen Thanh Cong, Nguyen Thi Phuong Lien, Dinh Ngoc Thuc, Nguyen Quoc Vuong - Anthraquinone and xathone derivatives from propolis of <i>Tetragonula laeviceps</i> stingless bee.	262-272
5 Bui Duy Du, Nguyen Trong Hoanh Phong, Le Nghiem Anh Tuan, Tran Phuoc Tho, Nguyen Quoc Hien - Preparation and <i>in vitro</i> antibacterial activity against <i>Pantoea stewartii</i> causing jacfruit bronzing disease of nano ZnO/oligochitosan-iodine complex.	273-284
6 Quang-Duy Dao, Tri-Nghia Nguyen, Duy Thien Nguyen, Tung Nguyen Dinh Hai, Thi Huong Vu, Tuan Tu Le, Thanh Mai Vu, Van Vu Le - Fabrication and characterization of pulsed electron beam deposited TiO ₂ thin films with glancing angle deposition techniques for biosensing application.	285-296
7 Nguyen Hoang Thien Khoi, Nguyen Ngoc Tri Huynh, Huynh Ngoc Minh, Nguyen Khanh Son - Preparation and characterization of lithium-stabilized colloidal silica as a silicate densifier for concrete surface treatment.	297-310
8 Mst. Sohana Pervin, S. M. Abdur Razzaque, G. M. Arifuzzaman Khan, Md. Shamsul Alam, Moshir Rahman - Synthesis and characterization of microcrystalline and nanocrystalline cellulose from cotton linter for composite applications.	311-326
9 Bui Khac Thach, Truong Vu, Do Quang Minh, Ly Cam Hung, Phan Dinh Tuan - Production of porous material from solar panels waste glass.	327-337
10 Nguyen Quoc Tuan, Duong Van Thiet, Nguyen Tien Tung, Pham Van Dong - Effect of nitrogen injection time on structural and mechanical properties of AlN particles in aluminum matrix composite by <i>in-situ</i> gas bubbling method.	338-346
11 Nguyen Ngoc Huyen, Ngo Xuan Dinh, Vu Ngoc Phan, Le Minh Tung, Pham Duc Thang, Anh-Tuan Le - ZnCo ₂ O ₄ nanosheets as an efficient electrochemical sensing platform for determination of paracetamol.	347-363
12 A. V. Zhyman, Minh Vu Xuan, D. D. Hrynshpan, T. A. Savitskaya, T. A. Savitskaya, D. Lam Tran, T. Lan Pham - Composite reagents for water treatment based on natural alginates.	364-377

- 13 **Le Tran Bao Tran, Chu Van Lanh** - A comparison of benzene-core PCF optical characteristics with hexagonal and circular lattices. 378-387
- 14 **Pham Vu Nam, Vu Thi An Ninh, Nguyen Dinh Kien** - Vibration analysis of continuous microbeams carrying a moving load. 388-401
- 15 **Rupesh Tatte, Hemant Jawale, Hemant Thorat** - Optimization of third-order trajectory to reduce the vibration in a point-to-point motion system. 402-415