

CATEGORY	Page
1- Adsorption of methylene blue from aqueous solution by biochar prepared from jackfruit peel: isotherm model studies - <i>Loc Ton-That, Hoang-Dung Pham, Thi-Ngoc-Linh Huynh, Bich-Ngoc Duong, Thi-Thuy Luu, Duy-Khoi Nguyen, Ngoc-An Nguyen, Thien-Hoang Ho, Van-Hien Pham, Van-Phuc Dinh</i>	1
2- Study on the synthesis of g-C ₃ N ₄ /TCPP porphyrin composite and its application as photocatalyst for treatment of MB organic dye in water - <i>Lai Thi Hoan, Nguyen Thi Giang, Nguyen Hoang Yen, Ho Phuong Hien, Nguyen Thi Hong Phuong</i>	8
3- Synthesis of Z-scheme heterostructure FeWO ₄ /rGO/g-C ₃ N ₄ as a visible-light photocatalyst for removal of organic pollutant - <i>Tran Dang Do, Dang Nhat Minh, Chu Ngoc Chau, Nguyen Van Noi, Do Huy Hoang, Pham Thanh Dong, Nguyen Minh Viet, Nguyen Minh Phuong</i>	13
4- Resorcinol Formaldehyde Resin-Modified Carbon Nitride as Metal-free Photocatalyst for Water Treatment - <i>Tran Hong Minh, Nguyen Xuan Truong, Nguyen Ngoc Tue, Nguyen Duc Trung, Giang Thi Phuong Ly, Tran Thuong Quang</i>	19
5- Preparation, characterization, and photocatalytic activity of g-C ₃ N ₄ /SrTiO ₃ composite - <i>Nguyen Van Kim, Dong Thanh Hoa, Ho Thi Thanh, Le Thi Thanh Lieu, Huynh Thi Minh Thanh, Nguyen Thi Viet Nga</i>	29
6- Photocatalytic degradation of methylene blue from an aqueous solution using SnO ₂ /BaTiO ₃ heterostructure - <i>Ho Thi Thanh, Nguyen Thi Viet Nga, Hoang Nu Thuy Lien, Nguyen Van Kim</i>	35
7- Synthesis and characteristics of Ag/CuO nanomaterial - <i>Nguyen Le My Linh, Mai Hong Ngoc, Tran Thai Binh Nguyen</i>	42
8- Density Functional Theory Investigation of EPR Parameters for of Mn(II), Fe(II), Co(II) and Cd(II) complexes based on a tetradentate ONNO donor Schiff base ligand - <i>Duc-Trung Nguyen, Ngoc-Tue Nguyen, Pham Van Tien</i>	49
9- On the role of applied potential in adsorption of dibenzyl viologen molecules on HOPG surface - <i>Huynh Thi Mien Trung and Phan Thanh Hai</i>	54
10- Fabrication of composited electrode based on coconut activated carbon and MCNTs for ionic electrosorption - <i>Huynh Lê Thanh Nguyen, Tran Thanh Nhut, Ho Thi Thanh Nguyen, Le Viet Hai, Nguyen Thai Hoang</i>	60
11- Electrochemical synthesis of reduced graphene oxide and their anti-corrosion properties - <i>Nguyen Thi Le, Nguyen Xuan Truong, La Duc Duong, Dang Trung Dung</i>	68
12- Investigation on synthesis of two ammonium based ionic liquids from fatty acids and triethylamine - <i>Thuy Thi Le Bui, Tien Anh Dang, Khun Borin, Thanh Nam Ly, Trung Tuan Pham, Thanh Xuan Thi Phan, Ngoc Pham-Cong</i>	74
13- Research and fabrication of high purity α-Al ₂ O ₃ from Tan Rai aluminum hydroxide - <i>Huynh Thu Suong, Mai Van Vo, Bui Thi Van Anh, Ta Thi Toan, Nguyen Thi Hong Phuong</i>	81
14- Investigation of the Cam leaf extraction process oriented to synthesize silver nanoparticles (Ag NPs) - <i>Le Manh Cuong, La Cong Chung, Tran Thanh Thai, Luu Thi Lan Anh</i>	85
15- Effect of pH and active radical on the photodegradation of Ciprofloxacin antibiotic in wastewater using novel catalyst based on rGO/halloysite composite decorating with copper iron oxide - <i>Ngo Ha Son, Nguyen Thi Linh</i>	91
16- Fabrication of MnO ₂ - based electrochemical electrodes for the determination of copper (II) ion in water - <i>Nguyen Thi Thu Huyen, Dang Viet Anh Dung, Pham Tran Hong Trang, Pham Khanh Huy, Pham Van Cuong</i>	101
17- Studying optical properties of Gd ₂ O ₃ :Eu nanophosphor by Judd-Ofelt theory - <i>Ngo Khac Khong Minh, Ngo Quoc Luan, Phan Thanh Phuong, Pham Thanh Tung, Lam Thi Kieu Giang, Nguyen Vu</i>	106
18- Synthesis and photocatalytic application of g-C ₃ N ₄ /rGO based metal oxide semiconductors - <i>Tran Phuong Thi, Vo Ngoc Tu, Pham Thi Le Tram, Ngo Minh Hung, Nguyen Ngoc Minh, Le Thu Huong, Nguyen Thi Vuong Hoan</i>	111
19- Simulation of working process of oxygen concentrator equipment by pressure swing adsorption - <i>Vu Dinh Tien, Le Van Duong, Mai Duc Minh, Vu Duy Hung</i>	119
20- Study on fabrication ion-selective membrane electrodes to improve electrochemical characteristics of electrodes for applied in water analysis - <i>Nguyen Minh Huy, Tran Thi Minh Kien, Doan Duc Chanh Tin, Nguyen Duc Thien, Nguyen Ngoc Minh, Nguyen Thi Lieu, Ngô Thanh Hien, Huynh Thi Lan Phuong, Phan Phuoc Minh Hiep, Nguyen Thi Vuong Hoan</i>	125