

CATEGORY	Page
1- Metal-organic framework-118 (MOF-118): A heterogeneous catalyst for effective synthesis of pyrroles from aryl amines and 2,5-hexanedione - Nguyen Van Chi, Nguyen Thanh Tung, Nguyen Thi Hong Huong, Ca Thi Thuy, Phan Thanh Son Nam	1
2- Synthesis of Fe ₂ O ₃ nanoparticles and their applications in methylene blue treatment - Nguyen Vu Ngoc Mai, Dao Ngoc Nghiem, Pham Ngoc Chuc, Doan Trung Dung, Nguyen Thi Ha Chi, Duong Thi Lim	8
3- Preparation of CoOx/magnesium silicate for the liquid oxidation of benzyl alcohol - Nguyen Thi Nhu, Tran Thi Ngoc Mai, Pham Quoc Khanh, Vu Anh Tuan, Nguyen Tien Thao	13
4- Highly efficient transfer hydrogenation of 4-Methoxybenzaldehyde over supported silver nanoparticles - Co Thanh Thien, Dinh Duc Giang, Le Viet Hai, Tran Van Man	17
5- Effects of reaction conditions on the degree of substitution in acetylated nanocellulose - Doan Van Hong Thien, Tran Thao Nhu, Do Thi Kieu Trang, Chanh Nghiem Nguyen, Pham Van Toan, DanThuy Van Pham	22
6- Study on synthesis and characterization of nano scale spinel Mn _{0.5} Fe _{2.5} O ₄ by micro-emulsion method - Vu The Ninh, Dinh Xuan Loc, Tran Anh Tai	29
7- Study effect of initiators on performance of copolymer used as pour point depressant for Diamond crude oil, Blocks 01&02, offshore Vietnam - Dao Viet Than, Thai Hong Chuong, Dao Quoc Tuy, Bui Dac Trung	36
8- Synthesis of Ag-TiO ₂ /perlite composite for the photodegradation of methylene blue under solar light irradiation - Pham Xuan Nui, Nguyen Thi Hoa, Nguyen Trung Tien, Le Huu Tai, Tran Thi Van Thi	42
9- Enhanced photocatalytic degradation performance of Bisphenol A over TiO ₂ -SiO ₂ photocatalyst by improving specific surface area under simulated natural light irradiation - Minh Vien Le, Huynh Huu Tai, Nguyen Thi Kieu Oanh, Ngo Manh Thang, Ho Thi Ngoc Suong	49
10- Study on the adsorption of Rhodamine B on MoS ₂ /RGO composite - Phan Thi Thuy Trang, Truong Thanh Tam, Vo Vien, Nguyen Hong Lien	58
11- Preparation and characterization of mesoporous zeolite from solid waste - Nguyen Truong Gia Hao, Tran Huynh Gia Huy, Nguyen Thi Truc Phuong, Le Nguyen Quang Tu, Nguyen Van Dung, Ngo Thanh An, Nguyen Quang Long	64
12- Synthesis of diphenyl sulfide from iodobenzene and thiophenol using Metal-Organic Framework Cu ₂ (NDC) ₂ (DABCO) as an efficient heterogeneous catalyst - Nguyen Van Chi, Dang Huynh Giao, Nguyen Thanh Tung, Phan Nguyen Quynh Anh, Phan Thanh Son Nam	70
13- Study effect of temperature on copolymerization reactions and performance of copolymer used as pour point depressant for Diamond crude oil, Blocks 01&02, offshore Vietnam - Dao Viet Than, Thai Hong Chuong, Dao Quoc Tuy, Bui Dac Trung	77
14- Synthesis of some Bismuth Sulfide nano/micro-structures and reduction catalytic of Cr(VI) under visible light irradiation - Do Thi Anh Thu, Vu Thi Thai Ha, Pham Quang Ngan, Giang Hong Thai, Nguyen Trung Hieu, Man Minh Tan, Ho Truong Giang, Tran Dai Lam	83
15- Effect of metal precursors on polyol synthesis of palladium nanoparticles towards C-N bond formation - Dang Bao Trung, Phan Hong Phuong, Tran Thuy Tuyet Mai	88
16- Preparation of MoS ₂ nano-corals by hydrothermal method for adsorption of tartrazine in the aqueous medium - Mac Van Hung, Vu Anh Tuan	93
17- Combination of adsorption – desorption with complete oxidation on the MnCoCe oxide based catalyst for toluene treatment - Hung Khong Manh, Nhung Hong Nguyen, Khanh Quoc Ngo, Nam Chu Thi Hai, Thang Minh Le	100
18- Study on printing wastewater treatment by decomposition reaction H ₂ O ₂ catalyzed of complex between ion Ni ²⁺ and citric acid - Nguyen Ngoc Tue, Nguyen Trong Nghia, Nghiem Thi Thuong, Tran Thuong Quang, Nguyen Duc Trung	106
19- Adsorption characteristics of amoxicillin antibiotic on CeO ₂ -coated SiO ₂ nanomaterials - Thi Mai Anh Le, Thi My Quynh Pham, The Dung Nguyen, Tien Duc Pham	111
20- A comparative study on the VOCs sensing behaviors of various ZnO nanostructures - Nguyen Minh Vuong, Dinh Tien Dung, Hoang Nhat Hieu, Nguyen Van Nghia, Nguyen Ngoc Khoa Truong, Le Thi Ngoc Loan, Phan Thanh Hai	117