


Curriculum Vitae

Hoang Hiep, PhD Tel: +84 904218775 E-mail: hoanghiep@vnua.edu.vn			
Qualifications			
<i>Degree</i>	<i>University</i>	<i>Specialization</i>	<i>Graduation year</i>
Ph.D	Hanoi University of Science, Vietnam National University	Environmental Chemistry	2016
Master	Hanoi University of Science, Vietnam National University	Catalyst Chemistry	2006
Bachelor	Hanoi University of Science, Vietnam National University	Analytical chemistry	2001
Professional experience			
<i>Duration</i>	<i>Place</i>	<i>Responsibility</i>	<i>Address</i>
9/2010 to date	Department of Chemistry, Faculty of Environment, Vietnam National University of Agriculture	Lecturer	Hanoi
6/2008	Training course on service of UV-VIS, FT-IR instruments, Varian Corporation.	Trainee	Shanghai, China
4/2007-5/2007	Training course on using science equipment in chemical lab, Institute of Chemistry – Vietnam academic of science and technology	Trainee	Hanoi
1/2007- 8/2010	Faculty of Analytical Chemistry, Vietri University of Industry	Lecturer	Phutho
Teaching responsibilities			
<ul style="list-style-type: none"> - Physical Chemistry - Analytical chemistry 			

<ul style="list-style-type: none"> - Food - Analytical Chemistry - Environmental Chemistry 		
Research areas		
<ul style="list-style-type: none"> - Analysis environment - Remediation environment. - Synthesis and characterization of catalysts composite for environmental treatment - Research and preparation inorganic fertilizer for plants - Food chemical analysis 		
Projects		
<i>Project titles</i>	<i>Duration</i>	<i>Sponsor</i>
Leader of projects		
1) T2012-04-14: “Fabrication eupeptic silicate fertilizer from nation material”	2012	Hanoi University of Agriculture
2) Assessment of source of water and land pollution in Nhue’s river basin and its effect on the quality of agricultural products	2017-2018	Vietnam National University of Agriculture
3) Development of the novel floating photocatalyst material with synergic adsorption function applicable for water pollution treatment in Vietnam	2018-2019	World Bank
Member of projects		
4) 4-G PHOTOCAT: “Fourth generation photocatalysts: nano-engineered composites for water decontamination in low-cost paintable photoreactors”	1/2013 to 12/2015	European Commission (FP7)
5) Bilateral Mobility Project “New application ways of solar photocatalysis for water detoxication in countryside contaminated by dioxin during the Vietnam War” between Vietnam Academy of Science and Technology – Academy of Science of the Czech Republic	2016-2017	Bilateral Mobility Project between Vietnam and Czech Republic
Publications		

Journal articles

- 1) Le Thanh Son, Ngo Kim Thanh, Pham Thi Hong Duc and **Hoang Hiep**, Synthesis and characterization of catalysts for oxy-dehydrogenation reaction from LPG to light olefin (Part I: Synthesis and characterization of V₂O₅/MCM-48 and TiO₂/ZSM-5 catalysts). The National Conference on Vietnam Oil and Gas Industry, 30 years establishment, Hanoi – August, 2005.
- 2) Tran Van Nhan, **Hoang Hiep**, Hoa Huu Thu, Le Thanh Son, Le Van Hieu. Prove the existence of micro-capillary in average capillary structure of SBA-15. The national conference on catalytic - adsorption. p. 276-278, HCM city, 2007.
- 3) Tran Van Nhan, **Hoang Hiep**, Hoa Huu Thu, Le Thanh Son, Khuc Quang Dat. Study Cu/SBA-15 catalyst for oxidation reaction LPG completely. The national conference on catalytic - adsorption. p. 518-523, HCM city, 2007.
- 4) **Hoang Hiep**, Le Thanh Son, Nguyen Truong Son, Nguyen Thi Thoa, (2014) “synthesis and characterization of Cu/TiO₂ and Fe/TiO₂ composites for photodegradation of wastewater contaminant (2,4,5-T)”, J. Chemistry and Application, 29(1), p.37-39
- 5) **Hoang Hiep**, Le Thanh Son, (2015) “Efficient photodegradation of wastewater contaminant (2,4,5-T) using Cu/TiO₂ and Fe/TiO₂ composites and reaction kinetics” J. Analytical Chemistry, Physics and Biology, 20(1), p.106-110
- 6) **Hoang Hiep**, Le Thanh Son, Nguyen Truong Son, Ngo Thi Thu Huong, (2015) “Investigate activity of TiO₂-doping oxide metal composites with various ratio and ability of photodegradation of herbicides in wastewater”. Journal of Science, Vietnam National University, 30(5S) p.216-222
- 7) **Hoang Hiep**, Le Thanh Son, Nguyen Truong Son, Savio Moniz, (2015), “Degradation of 2,4-D in water by painted photocatalyst under UV and sunlight irradiation”, *Journal of chemistry*, 53(4E1), p.117-212.
- 8) **Hoang Hiep**, Le Thanh Son, Nguyen Truong Son, (2015), “Preparation of the paintable photocatalyst and investigation into real conditions in 2,4-d degradation in water” J. Analytical Chemistry, Physics and Biology, (3), p.286-292
- 9) Le Thanh Son, Lenka Hykrdová, **Hoang Hiep** (2016), “Degradation pathway of 2,4-D in water by photocatalyst CuO/TiO₂” *Journal of Catalysis and Adsorption*, T5. (No4), pp.105-109,
- 10) Nguyen Dinh Tuyen, Nguyen Thi Thu An, Dang Huu Canh, Nguyen Dinh Chung, Phạm Thai Hung, Nguyen Quyet Tien, Ngo Văn Quang, Truong Thanh Nga, **Hoang Hiep**, Jaromir Jivkovsky, Hana Bibova, Lenka Hykrodova, Martin Kormunda, (2018) Preparation of mesoporous SBA-15 and SBA-15/TiO₂ nanotubes composite using Vietnam commercial sodium silicate for efficient photocatalytic removal of 2,4 dichlorophenoxyacetic acid herbicide in aqueous solution. *Journal of Chemistry* V.56, No. 4E1, pp.56-61

Conferences :

1) Vo Thi My NGA, Nguyen Thanh BINH, Le Thanh SON, Dang Thanh TUNG, Do Trung HIEU, Hoang HIEP “Study on factors affecting the structure formation and catalytic activity of the mesoporous silica-pillared montmorillorite materials in cumen and wax cracking reaction”. Semiconductor and Photocatalyst conference 4th (SP4), 23-27/6/2013, Praha, Czech Republic.
