SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name	HOANG HIEP	Birth date	06.9.1977
Academic title	PhD	Sex	Male
Administrative position	Director of Academy for Green growth	ID Number	
Department	Chemical deparment, Faculty of Natural Resources and Environment (FONRE)		
Institution	Vietnam National University of Agriculture (VNUA)		
Address	Trau Quy, Gia Lam	City/prov	Hanoi
Cell phone	0904218775		
Email (office)	hoanghiep@vnua.edu.vn		
Second email			
Orcid number	https://orcid.org/xxxx-xxxx-xxxx-xxxx	H-index	

2. Qualifications

No.	Years	Academic Institution	Major/specialty	Academic degree
1	Sep. 1997 - Jan. 2001	Faculty of Chemistry, VNU - Hanoi University of Science	Analytical Chemistry	Bachelor
2	Oct. 2004 - Dec. 2006:	Faculty of Chemistry, VNU - Hanoi University of Science	Petrochemistry and Organic catalyst	Master
3	Jan. 2013 - March. 2016	Faculty of Chemistry, VNU - Hanoi University of Science	Environmental Chemistry	Doctor

3. Professional experience

No.	Years	Institution	Address	Position
1	2010 - now	Faculty of Natural Resources and Environment, Vietnam National University of Agriculture (VNUA)	Gia Lam- Ha Noi	Lecturer
2	2002-2010	Faculty of Analytical Chemistry, College of Chemistry	Viet Tri – Phu Tho	Lecturer

4. **Language** (Rating: A-Poor/deficient; B - Fair; C – Sufficient; D – Fluent)

Language	Reading	Writing	Speaking	Certificate/degree
English	C	C	C	degree
……				
……..				

5. Expertise and research interests

+ Main research orientation
+ Analysis environment, food and agriculture products analysis, toxic compounds
+ Environmental remediation,
+ Synthesis and characterization of new materials for environmental treatment,
+ Research and preparation inorganic fertilizer for plants, sustainable agriculture.

5.1 List of research projects

No.	Project name	Funding agency & amount	Project duration	Position in the project (manager, coordinator, secretary, researcher)
1	Fabration eupeptic silicate fertilizer from nation material	Funded by VNUA, 1,200.00USD	2012	Manager
2	Fourth generation photocatalysts: Nano-engineered composites for water decontamination in low-cost paintable photoreactors. 4-G PHOTOCAT,	Funded by Europene Comission, 139,200 USD	2013-2015	secretary
3	New application ways of solar photocatalysis for water detoxication in countryside contaminated by dioxin during the Vietnam War	Bilateral Mobility Project between Vietnam Academy of Science and Technology – Academy of Science of the Czech Republic	2016-2017	researcher
4	Assessment of water contamination and soil pollution. Its effect on the quality of agricultural products in Nhue river basin	Funded by VNUA. 3,000 USD	2017-2018	Manager

5	Development of the novel floating photocatalyst material with synergic adsorption function applicable for water pollution treatment in Vietnam	Funded by MOST, 149,000 USD	2019-2020	Manager
6	Research on treatment of some toxic and persistent organic compounds (POPs) on the basis of using heterogeneous membrane catalysts..	Funded by MOST. 320,000 USD	2019-2022	researcher

5.2 Publications and accomplishments

No.	Authors	Year	Title of papers/book	Name of publishers/No.Vol, page	ISSN/ISBN	IF	Notes
1	Article (s) in ISI-covered journal						
1.1	Hana Bíbová, Lenka Hykrdová, **Hiep Hoang,** Milan Eliáš, and Jaromír Jirkovský	2019	SiO2/TiO2-composite coating on light substrates for photocatalytic decontamination of water	Journal of Chemistry. DOI: 10.1155/2019/2634398.		1,93	
2	Article in other international Journal						
2.1							
3	National/International Conference(s)						
3.1	Le Thanh Sơn, Hoang Hiep, Hoa Huu Thu	2013	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), Praha, Czech Republic			
3.2							

4	Article(s) in national scientific journal						
4.1	Nguyen Xuan Viet, Pham Thi Hoa, Hoang Hiep	2019	Electrochemical method for determination of Salbutamol on activated graphite electrode	J. Analytical Chemistry, Physics and Biology, V.24 No. 3/2019, pp.91-95			
4.2	Nguyen Dinh Tuyen, 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 sondium silicate for efficient photocatalytic removal of 2,4 dichlorophenoxyacetic acid herbicide in aqueous solution	Journal of Chemistry V.56, No. 4E1, pp.56-61			
4.3	Hoang Hiep, Le Thanh Son	2016	The degradation parthway of 2,4-D on photocatalyst CuO/TiO2	Journal of catalytic - adsorption. V5. (No. 4), pp.105-109			
4.4	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			
4.5	Hoang Hiep, Le Thanh Son, Nguyen Truong Son		Degradation of 2,4-D in water by painted photocatalyst under UV and sunlight irradiation	Journal of chemistry, 53(4E1), p.117-212.			
4.6	Hoang Hiep, Le Thanh Son,		Investigate activity of TiO2-doping oxide metal composites	Journal of Science, Vietnam National			

	Nguyen Truong Son, Ngo Thi Thu Huong		with various ratio and ability of photodegardation of herbicides in wastewater	University, 30(5S) p.216-222			
4.7	Hoang Hiep, Le Thanh Son,		Efficient photodegardation of wastewater contaminant (2,4,5-T) using Cu/TiO2 and Fe/TiO_2 composites and reaction kinetics	J. Analytical Chemistry, Physics and Biology, 20(1), p.106-110			
4.8	Hoang Hiep, Le Thanh Son, Nguyen Truong Son, Nguyen Thi Thoa	2014	Synthesis and characterization of Cu/TiO_2 and Fe/TiO_2 composites for photodegardation of wastewater contaminant (2,4,5-T)	J. Chemistry and Application, 29(1), p.37-39			
4.9	Tran Van Nhan, Hoang Hiep, Hoa Huu Thu, Le Thanh Son	2008	Synthesis and study of Cu/SBA-15 catalyst in the complete oxidation of LPG".	Journal of Chemistry, V.46, No. 4, pp.411-415			
4.10	Tran Van Nhan, Hoang Hiep, Hoa Huu Thu, Le Thanh Son, Khuc Quang Đat	2007.	Study Cu/SBA-15 catalyst for oxidation reaction LPG completely.	The national conference on catalytic - adsorption. p. 518-523, HCM city,			
4.11	Tran Van Nhan, Hoang	2007.	Prove the existence of micro-capillary	The national conference on catalytic -			

	Hiep, Hoa Huu Thu, Le Thanh Son, Le Van Hieu		in average capillary structure of SBA-15.	adsorption. p. 276-278, HCM city,			
4.12	Le Thanh Son, Ngo Kim Thanh, Pham Thi Hong Duc and Hoang Hiep	2005.	Synthesis and characterization of catalysts for oxy-dehydrogenation reaction from LPG to light olefin (Part I: Synthesis and characterization of V_2O_5/MCM-48 and TiO_2/ZSM-5 catalysts).	The National Conference on Vietnam Oil and Gas Industry, 30 year establishment, Hanoi – August,			
5	Text book, lecture notes (published)						
5.1	Hoang Hiep, Vu Thi Huyen	2018	Instrumental Analysis	VNUA Publisher			
5.2	Vu Thi Huyen, Hoang Hiep,	2020	Analytic Chemistry	VNUA Publisher			
6	Others (Monographs, patents, scientific awards,..)						

Vietnam National University of Agriculture

Hanoi, June 27, 2021
(Full name and signature)

Hoang Hiep