

Curriculum Vitae

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PERSONAL DATA:

Sex:	Female
Date of birth:	April 14 th , 1982
Place of birth:	Ho Chi Minh City, Vietnam
Nationality:	Vietnamese
Permanent resident:	TDH Phuong Long Apartment , Phuoc Long B Ward, Dist.9, Ho Chi Minh city, Vietnam

EMPLOYMENT HISTORY AND JOB INFORMATION

From graduated to present (2005 – present)	Ho Chi Minh city University of Technology and Education Department of Environmental Technology,
Current position	Lecturer and researcher
Tasks and responsibilities	<ul style="list-style-type: none">- Participating in projects of water and wastewater treatment.- Supervisor for undergraduate students in researching and designing water and wastewater treatment system.- Lecturer of Supply water treatment, Environmental Technology; Environmental Analysis Experiment and Water and wastewater Treatment Experiments for undergraduate students of University of Technical Education- Researcher in water and wastewater field
Type of organization	Educational and/ or research institution (university)

ACADEMIC

PhD	Environmental Technology, Ho Chi Minh city Institute for Environment and Resources, Vietnam National University - Ho Chi Minh City, Vietnam, 2018.
Ms.E	Environmental Technology at the Ho Chi Minh university of Technology, Vietnam National University - Ho Chi Minh City, Vietnam, 2008.
Bachelor	Environmental Engineering at the Ho Chi Minh university of Technology, Vietnam National University - Ho Chi Minh City, Vietnam, 2005.

Proposed Topic of Research for Ph.D Thesis

‘Research on drinking water disinfection by Ag-TiO₂-SiO₂ photocatalyst’

RESEARCH ACTIVITIES

Fields of Research Interest:

Water and wastewater treatment,
Water sanitation for rural areas,
Synthesis materials for water treatment

PUBLICATION

1. Hoang T.T. Nhung, Nguyen Khanh Lam, Tran Thi Kim Anh (2018). Hardness removal by crystallization in pellet reactor: a new approach for softening. Vietnam Journal of Chemistry, 56, 4e, 51-55
2. Hoang Thi Tuyet Nhung, Doan Thi Kim Quyen, Le Thanh An, Antibacterial efficiencies of Ag-TiO₂(P25) catalyst under different light condition, Journal of Technical Education Science, No.48, 78-83 (2018)
3. Quyen Thi-Kim Doan , Nhung Thi-Tuyet Hoang, Nhat Huy Nguyen, Performance of Ag-TiO₂ photocatalysts in photocatalytic disinfection of water under solar irradiation, Proceeding of the 11th SEATUC Symposium, pp17, 13th -14th March, 2017, Ho Chi Minh city, 2017
4. Nhung Thi-Tuyet Hoang, Tran Tien Khoi, Quyen Thi-Kim Tran, and Nguyen The Vinh, Solar Disinfection Pilot for Drinking Water Using Gel-Derived Ag-TiO₂-SiO₂, 3rd International Conference on Green Technology and Sustainable Development, 263 – 266, 2016.
5. Hoang Thi Tuyet Nhung, Doan Thi Kim Quyen, Tran Tien Khoi, Nguyen The Vinh và Nguyen Nhat Huy, Study on the disinfection pilot using gel-derived Ag-TiO₂-SiO₂ catalyst under natural solar light, Science and Technology development ,Vol 2, 35-37, 2016

6. Nhung Thi-Tuyet Hoang, Anh Thi-Kim Tran, Nguyen Van Suc, The-Vinh Nguyen, Antibacterial activities of gel-derived Ag-TiO₂-SiO₂ nanomaterials under different light irradiation, AIMS Materials Science, 2016, 3(2): 339-348, 2016.
7. Hoàng Thị Tuyết Nhung, Khoi Tran Nguyen, The Vinh Nguyen, Hoang Anh Hua, Continuous-flow disinfection reactor for drinking water using gel-derived Ag-TiO₂- SiO₂ catalyst under UV-C light, Third International Conference On Advances in Applied Science and Environmental Engineering - ASEE, pp 118-123, 2015
8. Nhung Thi-Tuyet Hoang, Nguyen Van Suc and The-Vinh Nguyen, Bactericidal activities and synergistic effects of Ag-TiO₂ and Ag-TiO₂-SiO₂ nanomaterials under UV-C and dark conditions, Int. J. Nanotechnol., Vol. 12, 367-379, 2015.
9. Hoang Thi Tuyet Nhung, Doan Thi Kim Quyen, Tran Tien Khoi, Nguyen The Vinh, Study on the disinfection of E.coli bacteria using gel-derived Ag-TiO₂-SiO₂ catalyst under UV-C light, Science & Technology Development, Vol 17, No.M2-2014, 72-78, 2014.
10. Hoang Thi Tuyet Nhung, Doan Thi Kim Quyen, Le Thi Thanh Quynh, Nguyen Van Suc, Phan Tri Thanh and Nguyen The Vinh, Bactericidal activity of impregnation-derived Ag-TiO₂-P25 and gel-derived Ag-TiO₂-SiO₂ thin film in dark Proceeding of ICENR 2014, 17-18 June, Ho Chi Minh city, 145.
11. Nhung Thi-Tuyet Hoang, Thi – Thanh Hoang, Duc – Huy Tien and The-Vinh Nguyen, Synthesis of Arsenic absorbent from ferric sludge of water treatment plant, Journal of Science and Technology Số 52 (3A), 1-6, 2014
12. Nhung Thi-Tuyet Hoang, Phi-Phung Pham, Tien-Khoi Tran ,The-Vinh Nguyen, disinfection of swimming pool water over N-doped TiO₂-SiO₂ catalyst under natural sunlight, The 2013 International Symposium on Advanced Engineering, pp161-164
13. Hoang Thi Tuyet Nhung and Nguyen The Vinh, Effect of influent concentrations of heavy metal ions in a drinking water treatment unit using iron-based adsorbent on their removal efficiencies, Journal of Science and Technology, Vol.51(3B), 61-67, 2013.
14. Hoang Thi Tuyet Nhung and Nguyen The Vinh, Synthesis of iron-based adsorbent for low-cost treatment of drinking water, Journal of Science and Technology Vol. 50(1C), 100-108, 2012.