



Hoang Thi Tuyet Nhung

Education

M.Sc. in Environmental Technology (2008)
B.Eng. in Environmental Engineering (2005)

Lecture

Waste treatment

Field of interest

Materials and treatment technology in water and waste

Contact

Office: Faculty of Chemical and Food Technology, Room A1-801
Email: nhunghtt@hcmute.edu.vn

PUBLICATIONS

1. **NhungThi-Tuyet Hoang**, Tran Tien Khoi, QuyenThi-Kim Tran, and Nguyen The Vinh (2016). Solar Disinfection Pilot for Drinking Water Using Gel-Derived Ag-TiO₂-SiO₂, 3rd International Conference on Green Technology and Sustainable Development, 263 – 266.
2. **NhungThi-Tuyet Hoang**, AnhThi-Kim Tran, Nguyen Van Suc, The-Vinh Nguyen (2016). Antibacterial activities of gel-derived Ag-TiO₂-SiO₂ nanomaterials under different light irradiation, AIMS Materials Science, 3(2): 339-348.
3. **HoàngThịTuyếtNhung**, Khoi Tran Nguyen, The Vinh Nguyen, Hoang Anh Hua (2015). 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 2015, pp 118-123, ISBN 978-1-63248-055-2, 11-12/4/2015, Malaysia
4. **NhungThi-Tuyet Hoang**, Nguyen Van Suc and The-Vinh Nguyen (2015). 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.
5. **Hoang Thi Tuyet Nhung**, Doan Thi Kim Quyen, Tran Tien Khoi, Nguyen The Vinh (2014). 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.
6. **Hoang Thi Tuyet Nhung**, DoanThi Kim Quyen, Le ThiThanhQuynh, Nguyen Van Suc, Phan Tri Thanh and Nguyen The Vinh (2014). 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.

7. **NhungThi-Tuyet Hoang**, Thi – Thanh Hoang, Duc – Huy Tien and The-Vinh Nguyen (2014). Synthesis of Arsenic absorbent from ferric sludge of water treatment plant, Journal of Science and Technology No.52 (3A), 1-6, 2014
8. **NhungThi-Tuyet Hoang**, Tan-Phat Truong, Dang Hoa Nguyễn, Nguyen Van Suc and The-Vinh Nguyen (2013). Synergistic effects of Ag-TiO₂ and Ag-TiO₂-SiO₂ nanomaterials for disinfection of bacteria under UV-C and dark conditions, Proceeding of IWNA 2013, 14-16 Nov, Vung Tau province, 700-703.
9. **NhungThi-Tuyet Hoang**, Phi-Phung Pham, Tien-Khoi Tran ,The-Vinh Nguyen (2013). Disinfection of swimming pool water over N-doped TiO₂-SiO₂ catalyst under natural sunlight, The 2013 International Symposium on Advanced Enggineering, pp161-164
10. **Hoang ThiTuyetNhung** and Nguyen The Vinh (2013). 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.
11. **Hoang ThiTuyetNhung** and Nguyen The Vinh (2012). Synthesis of iron-based adsorbent for low-cost treatment of drinking water, Journal of Science and Technology Vol. 50(1C), 100-108.