Background, interests, the challenges would like to solve

My name is Thai-Anh Nguyen. I'm a lecturer at Ho Chi Minh City University of Technology and Education. I was born on December 16, 1983, in Ho Chi Minh City, Vietnam. My interests are material science, physico-chemical engineering and biological engineering. In Taiwan, I was a PhD candidate of Yuan Ze University, Chemical engineering and material science Department, and graduated on June 2016. I'm a researcher about the environmental protection field. My research is showed on the papers given in below. I would like to solve the problem about the environmental protection as well as the treatment of hazardous waste. I'm pleased to solve these problem with a cooperation of another experts.

PUBLICATION

(A) SCI journal papers

1. Thai Anh Nguyen, Ruey Shin Juang. "Treatment of waters and wastewaters containing sulfur dyes: A review". Chemical Engineering Journal 219 (2013): 109-117.

2. Thai Anh Nguyen, Chun-Chieh Fu, Ruey Shin Juang. "Effective removal of sulfur dyes from water by biosorption and subsequent immobilized laccase degradation on crosslinked chitosan beads". Chemical Engineering Journal 304 (2016): 313–324.

3. Thai Anh Nguyen, Chun-Chieh Fu, Ruey Shin Juang. "Biosorption and biodegradation of a sulfur dye in high-strength dyeing wastewater by *Acidithiobacillus thiooxidans*". Journal of Environmental Management 182 (2016): 265-271.

(B) Conference papers

1. Thai Anh Nguyen, Ruey Shin Juang. "Biosorption of a Sulfur Dye from Aqueous Solutions by Dried Acid-Pretreated Activated Sludge". International Conference on Biological, Environment and Food Engineering (BEFE-2014) August 4-5, 2014 Bali (Indonesia).

2. Thai Anh Nguyen. "Evaluation of the biosorption of a Sulfur Brown GD from aqueous solutions by the recycled acid-washing activated sludge". Journal of Technical Education Science No.38 (HCMC, 12/2016).

3. Thai Anh Nguyen, Thi My Linh Nguyen, Thi Cam Huong Nguyen. "Adsorption of reactive dye by Keramzite beads in a batch and fixed bed column mode". Journal of Technical Education Science (HCMC).

(C) Thesis

1. Thai Anh Nguyen, Dan Nguyen Phuoc (Advisor). "Evaluating the effectiveness of waste water treatment technologies through acute toxicity criteria for typical industry categories". B.A. of Environmental Engineering. Thesis (BKU, HCMC, 2006).

2. Thai Anh Nguyen, Dan Nguyen Phuoc (Advisor), Tran Le Thi Hong (Advisor). "Assessment of current conditions and suggestion of technological alternatives for waste water treatment in industrial parks – export processing zones in Ho Chi Minh City". Master of Environmental Management. Thesis (BKU, HCMC, 2009).

3. Thai Anh Nguyen, Ruey Shin Juang (Advisor). "Biological Treatment of Synthetic Dyeing Wastewater Containing Sulfur Dyes". Doctoral Dissertation (Yuan Ze University, Taiwan, June 2016).