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Nationality: Viet Nam

Current position: PhD student at Umeå University

Education:

2012 – 2014 Master of Science (M.Sc.), Department of Analytical Chemistry, Faculty of Chemistry, Vietnam National University, Ho Chi Minh City, Viet Nam

2008 – 2012 Bachelor of Science (B.Sc.), Department of Analytical Chemistry, Faculty of Chemistry, Vietnam National University, Ho Chi Minh City, Viet Nam

Work experience:

July 2015 – May 2017, Researcher about "Artificial molecular rotor based on Metal Organic Frameworks (MOFs)" at Department of Chemistry and Biochemistry, Faculty of Physical Sciences, University of California, Los Angeles, USA.

October 2014 – April 2015, Visiting lecturer at Faculty of Chemistry, Ton Duc Thang University, Ho Chi Minh City, Viet Nam

November 2012 – June 2015, Lecturer assistant at Department of Analytical Chemistry, Faculty of Chemistry, Vietnam National University, Ho Chi Minh City, Viet Nam

September 2012 – June 2015, Researcher about "Modified crosslinked polystyrene used as mixed-mode sorbents for sample preparation" and "Application of chemometrics (PCA, PLS) in simultaneous determination of vitamin in pharmaceutical products" at Department of Analytical Chemistry, Faculty of Chemistry, Vietnam National University, Ho Chi Minh City, Viet Nam

September 2010 – September 2012, Research about "Sulfonated hypercrosslinked monolithic polystyrene – Synthesis, Characterization and Application for Solid Phase Extraction" and "Design of Experiment in optimization of material synthesis" at Department of Analytical Chemistry, Faculty of Chemistry, Vietnam National University, Ho Chi Minh City, Viet Nam

April 2010 – September 2010, Researcher about "Green chemistry for natural product synthesis" at Department of Organic Chemistry, Faculty of Chemistry, Vietnam National University, Ho Chi Minh City, Viet Nam

Research interest: Analytical Chemistry, Polymer Chemistry, Chemometrics

Publications:

- [1] Chau H., Dung P., Khoa D., Mai N., Sulfonated hypercrosslinked adsorbent - Synthesis and application in Analytical Chemistry, Science & Technology Development Journal, 18 (T2), 31-36, 2013.
- [2] Chau H., Tram T., Mai N., Effect of sulfonated degree of cross-linked polystyrene resin on pre-concentration of polar organic compounds in solid phase extraction, Journal of Chemistry, T51 (6ABC), 632-636, 2013.
- [3] Chau H., Mai N., Synthesis of hypercrosslinked polystyrene used as sorbent for determination of volatile organic compounds in gaseous samples, Journal of Chemistry, T51 (4AB), 91-94, 2013.
- [4] Chau H., Phu N., Nhu H., Mai N., Application of experimental design in synthesis of strong cation exchange sorbent based on cross-linked polystyrene, Journal of Analytical Sciences, T18 (4), 276-281, 2013.
- [5] Chau H., Phu N., Nhu H., Mai N., Sulfonated cross-linked polystyrene used as mixed-mode sorbents for solid phase extraction, Journal of Science and Technology, T51 (5B), 6-10, 2013.
- [6] Chau H., Thu L., Thach P., Tran P., Minh D., Mai N., Development of multivariate calibration method for simultaneous determination of Nickel, Lead and Zinc in aqueous sample, Science & Technology Development Journal, 18, 148-154, 2015.
- [7] Chau H., Nguyen N., Vu V., Mai N., Development and validation of a simple spectrophotometric method for quantification of chloride in polymeric materials, Science & Technology Development Journal, 18, 155-164, 2015.
- [8] Chau H., Thu L., My H., Trinh N., Mai N., Simultaneous spectrophotometric determination of thiamine, riboflavin and pyridoxine by partial least squares, Y Hoc Thanh Pho Ho Chi Minh, T19 (3), 10-14, 2015.
- [9] Chau H., Perez-Estrada S., Garcia-Garibay M., Rotational dynamics of the dipolar 2,3-difluorophenylene-1,4-dicarboxylate linker in the pillared metal-organic framework $Zn_2(F_2BDC)_2(dabco)$, submitted to The Journal of Physical Chemistry C.

Hobby: Football, Photography, Hiking