

THANH VU TRONG

Date of birth: December 28th 1992

Address: 56 Huynh Van Nghe Street, Phu Loi Ward, Thu Dau Mot City, Binh Duong Province

Phone: 01668409923, email: thanh281292@gmail.com

EDUCATION::

Bachelor of Chemical, September 2014.

University of Sciences-HCM.

Adviser: Dr. Nguyen Tan Tai

- Language Proficiency:

- Native Vietnamese Speaker

- Basic English

EMPLOYMENT:

Research assistant, 11/2014 – 2/2016

MANAR lab, Center for Molecular and Nanoarchitectures.

RESEARCH:

Undergraduate student

3/2014 - 7/2014

MANAR lab, Center for Molecular and Nanoarchitectures – Ho Chi Minh city, Vietnam.

Duties: Undergraduate Thesis, synthesis of linker containing amino groups for synthesis of MOFs, study MOF synthesis from linker containing amide groups

Research assistant

11/2014 – Present

MANAR lab, Center for Molecular and Nanoarchitectures – Ho Chi Minh city, Vietnam.

Duties:

- Synthesis of MOF – Metal-Organic Framework, with linker containing azo groups.
- Synthesis of MOF with Iron.
- Investigation of synthetic material ZIF – Zeolitic Imidazolate Framework with histamine.
- Investigation of synthetic material COF – Covalent Organic Framework.

OTHER RELEVANT INFORMATION:

- Proficient in the use of Word, Excel, Power point
- Always aim to complete the work on time
- Ability to work in teams and independently
- Ability to adapt to professional working environment
- Ability of searching and comprehensive reading in science material
- Experience in lab work
- Enthusiastic, responsibility

CHEMISTRY INSTRUMENTATION EXPERTISE:

- Powder X-Ray diffraction.
- FT-IR.
- Thermogravimetric Analysis- TGA.
- GC-MS.
- Volumetric Gas Adsorption.
- Microwave.

SOCIAL ACTIVITY::

- Co-worker in celebrating the moon party for poor children.
- Celebrating Tet with the poor.
- Operation "Thuy's Dream" - Sunflower festival.
- Join the "Chemical And I"
- 150 Years of Beautiful Structure And Defects.
- American Center Science Fair.

RESEARCH PUBLICATIONS:

Thach N. Tu, Nghi Q. Phan, **Thanh T. Vu**, Ha L. Nguyen, Kyle E.Cordova, Hiroyasu Furukawa, *J. Mater. Chem. A*, **2016**, 4, 3638-3641