

Fangying Jin

Curriculum Vitae

PERSONAL INFORMATION

Full Name: Fangying Jin

Date of Birth: 02-11-1995

Cellphone: (+1) 5107086453

Email: fyjin@berkeley.edu

Address: Latimer 630, UC Berkeley, Berkeley, CA 94720

EDUCATION

University of California, Berkeley (08/2017 – present)

- Graduate Student in Chemistry, Advisor: Prof. Omar Yaghi

Zhiyuan College, Shanghai Jiao Tong University (09/2013 – 06/2017)

- Bachelor of Science in Honors Program, Chemistry of Zhiyuan College

RESEARCH EXPERIENCE

Department of Chemistry, Texas A&M University, College Station, Texas, U.S.

Advisor: Prof. Hong-Cai Zhou

Project A: Built-In Fluorescent Soluble $M_{24}L_8$ Octahedral Metal–Organic Molecular Cage for pH-Dependent Drug Delivery. *Mar. 2016 - Jan. 2017*

- Synthesized single crystals of $M_{24}L_8$ metal–organic cages with cavity size up to 3 nm.
- Investigated the drug encapsulating and releasing by $M_{24}L_8$ cages.

Department of Chemistry, Texas A&M University, College Station, Texas, U.S.

Advisor: Prof. Hong-Cai Zhou

Project B: In-situ Synthesis of Monodisperse Palladium Nanoclusters Using Negative $M_{24}L_8$ Octahedral Metal Organic Cage as Homogeneous Capsule. *Nov. 2016 - Jan. 2017*

- Developed new synthetic method for the preparation of Pd nanoclusters with size <

- 2.5 nm using the molecular cages as templates.
- Tested their size-selective catalytic properties.

School of Chemistry and Chemical Engineering, SJTU, Shanghai, China

Advisor: Prof. Yong Cui

Project C: Modification of Biphenol-based Homochiral Porous Metal Organic

Frameworks for Effective Asymmetric Catalysts.

Mar.2015- Jan. 2016

- Designed ligands with catalytic active moieties for the construction of MOF catalysts.
- Synthesized more than 10 MOFs based on zirconium, hafnium, indium, Gallium, erbium, zinc, manganese, etc.
- Studies their catalytic performance and the influence of functional groups.

SELECTED HONORS

- The Outstanding Undergraduate Scholarship of Shanghai Jiao Tong University
- The Kaiyuan Scholarship
- The Excellent Student of Shanghai Jiao Tong University
- The Advanced Individual of Social Work of Shanghai Jiao Tong University