

Hao Lyu

Ph. D. Student in Chemistry

Dept. of Chemistry, University of California, Berkeley

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EDUCATION

Fudan University , Shanghai, China - B. S. in Chemistry	Sep. 2012 - Jul. 2016
University of California, Berkeley , California, US - Visiting Undergraduate Student	Jun. 2015 - Sept. 2015
University of California, Berkeley , California, US - Ph. D. Student in Chemistry	Aug. 2016 - Present

RESEARCH EXPERIENCE

Prof. Zhan-Ting Li's Group, Fudan University - Undergraduate Student Researcher, Mentored by Prof. Zhan-Ting Li - Topic: <i>A polycationic covalent organic framework: a robust adsorbent for anionic dye pollutants</i> - Worked on designing and synthesizing 2-dimensional covalent organic framework to efficiently remove dye pollutants from water.	Jan. 2014 - Jul. 2016
Wangdao Program, Fudan Undergraduate Research Opportunities Program (FDUROP), Fudan University - Student Researcher, Mentored by Prof. Zhan-Ting Li - Topic: <i>Novel Polycationic Imine-Linked Porous Organic Polymers: Design, Synthesis and Dye Adsorption</i> - Worked on synthesizing 3-dimensional porous organic polymers to remove dye pollutants from water.	Jan. 2015 - Jun. 2016
Prof. Yaghi's Group, University of California, Berkeley - Visiting Student Researcher, Mentored by Prof. Omar M. Yaghi - Topic: <i>New Linkage Design and Synthesis of Covalent Organic Frameworks with N-Heterocyclic Modules</i> - Researched on new methods in building covalent organic frameworks through organic synthesis.	Jun. 2015 - Sept. 2015
Prof. Yaghi's Group, University of California, Berkeley - Ph. D. Student, Mentored by Prof. Omar M. Yaghi - Topic: <i>Novel Structural Design and Synthesis of Covalent Organic Frameworks and Related Materials</i>	Oct. 2016 - Present

PUBLICATION

"A polycationic covalent organic framework: a robust adsorbent for anionic dye pollutants", S.-B. Yu, H. Lyu, J. Tian, H. Wang,* D.-W. Zhang, Y. Liu,* Z.-T. Li,* *Polym. Chem.*, **2016**, 7, 3392.

EXTRACURRICULAR ACTIVITIES

Chair of Class Committee , Grade 2012, Dept. of Chem., Fudan University - Working with the class committee on organizing activities and providing academic and routine service to the Grade 2012, Dept. of Chemistry (125 students).	Sept. 2012 – Jul. 2016
Vice Director of Dept. of Human Resources , Student Union, Fudan University - Responsible for recruitment and team-building activities of the Student Union, Fudan University.	Jan. 2014 - Jun. 2014