

Xing Han

628 Latimer Hall, University of California, Berkeley, CA 94720

Education

- 2013.9 – 2019.9 **Ph. D.** in *Chemistry*,
Shanghai Jiao Tong University, Shanghai, China
Advisor: Prof. Yong Cui
- 2009.9 – 2013.7 **B. S.** in *Chemistry*,
Anhui Normal University, Wuhu, China
Advisor: Prof. Baoyou Geng

Research Interests

Design and Synthesis of Covalent Organic Frameworks

Research Experience

- 2013.9 – 2019.9 Design and Synthesis of Chiral Covalent Organic Frameworks
Advisor: Prof. Yong Cui, Shanghai Jiao Tong University
- 2011.9 – 2013.6 Fabrication of Au Nanostructures
Advisor: Prof. Baoyou Geng, Anhui Normal University

Publications

1. **Xing Han**, Jie Zhang, Jinjing Huang, Xiaowei Wu, Daqiang Yuan, Yan Liu* and Yong Cui*. Chiral Induction in Covalent Organic Frameworks. *Nat. Commun.* **2018**, *9*, 1294.
2. **Xing Han**, Jinjing Huang, Chen Yuan, Yan Liu,* and Yong Cui*. Chiral 3D Covalent Organic Frameworks for High Performance Liquid Chromatographic Enantioseparation. *J. Am. Chem. Soc.* **2018**, *140*, 892–895.
3. **Xing Han**, Qingchun Xia, Jinjing Huang, Yan Liu,* , Chunxia Tan, and Yong Cui*. Chiral Covalent Organic Frameworks with High Chemical Stability for Heterogeneous Asymmetric Catalysis. *J. Am. Chem. Soc.* **2017**, *139*, 8693–8697.
4. Xiuren Wang,† **Xing Han**,† Jie Zhang, Xiaowei Wu, Yan Liu,* and Yong Cui*. Homochiral 2D Porous Covalent Organic Frameworks for Heterogeneous Asymmetric Catalysis. *J. Am. Chem. Soc.* **2016**, *138*, 12332–12335. (†contributed equally)
5. Jinjing Huang,† **Xing Han**,† Shi Yang, Chen Yuan, Yan Liu, and Yong Cui*. Microporous 3D Covalent Organic Frameworks for Liquid Chromatographic Separation of Xylene Isomers and Ethylbenzene. *J. Am. Chem. Soc.* **2019**, *141*, 8996–9003. (†contributed equally)

Conferences

- 2016: The 2rd National Symposium on Porous Organic Polymers; Beijing, China.
2018: The 31st Academic Conference of the Chinese Chemical Society; Hangzhou, China.
2018: The 3rd National Symposium on Porous Organic Polymers; Shanghai, China
2019: Global Young Scientist Summit, Singapore

Selected Honors

1. The Outstanding graduate of Shanghai Jiao Tong University. (2019)
2. National scholarship for graduate student. (2017)
3. National scholarship for graduate student. (2018)