

Congcong Liang

Ph.D. candidate – Grade 2017

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Hometown: Linfen, ShanXi. China



■ EDUCATION

2015-Present Ph.D. in Materials Science and Engineering, ShanghaiTech University
Shanghai, China

Advisor: Prof. Yuebiao Zhang

2011-2015 B.S. in Materials Science and Engineering, Tianjin Polytechnic University
Tianjin China

Advisor: Prof. Qingsong Zhang

■ RESEARCH INTERESTS

Study on the Synthesis and Properties of Multi - component Metal – Organic Frameworks.

■ PUBLICATIONS

(1) Jing Tan[#], Beibei Zhou[#], **Congcong Liang**, Hannah Zinky, Hao-Long Zhou and Yue-Biao Zhang* Secondary- Amine-Functionalized Isoreticular Metal–Organic Frameworks for Controllable and Selective Dye Capture, *Mater. Chem. Front.* **2018**, 2(1): 129-135.

(2) **Cong-Cong Liang**[#], Zhao-Lin Shi[#], Chun-Ting He[#], Jing Tan, Hu-Die Zhou, Hao-Long Zhou, Yongjin Lee, and Yue-Biao Zhang*, Engineering of Pore Geometry for Ultrahigh Capacity Methane Storage in Mesoporous Metal–Organic Frameworks, *J. Am. Chem. Soc.* **2017**, 139(38): 13300-13303.

(3) Rui Xue, Yalong Liu, Qingsong Zhang, **Congcong Liang**, Huazhen Qin, Pengfei Liu, Ke Wang, Xiaoyong Zhang, Li Chena and Yen Wei, Shape Changes and Interaction Mechanism of Escherichia coli Cells Treated with Sericin and Use of a Sericin-Based Hydrogel for Wound Healing. *Appl. Environ. Microbio.* 2016, 82 (15): 4663-4672.

■ FELLOWSHIPS AND AWARDS:

The national postgraduate scholarship 2017

Student Merit Awards 2017

The second-class scholarship for outstanding students 2014

Outstanding class cadre and League cadre 2013

Outstanding scholarship 2013

Outstanding Volunteer 2012

■ **PROFESSIONAL SKILLS**

Language skills: CET-6.

Software: Apex3, Olex2, Material Studio, Word, PowerPoint, Excel, Origin, ChemDraw, SketchUp, blender, CorelDraw etc.

Research skills: Expert in MOFs design, MOFs synthesis, MOFs activated and Crystal-related skills.

Technician: Certification to operate NMR, TGA, PXRD, SXR, SEM, Autosorb iQ.