无机化学-刘波

<https://www.hfnl.ustc.edu.cn/detail?id=11484>

姓　　名: 刘波

地　　址: 中科大东区材料楼南318

邮　　编: 230026

电　　话: +86-551-63601123

电　　邮: liuchem@ustc.edu.cn

教育与科研经历

2015/01------- 中国科学技术大学，教授，博导

2012/04-2014/12英国利物浦大学，玛丽居里学者

2009/12-2012/03德国鲁尔大学，洪堡学者

2006/09–2009/09神户大学，分子物质专业博士

目前研究方向

1.功能性多孔材料及其吸附，（手性）分离应用

2.能源材料对太阳能利用的研究：包括光电，光热，热电，光热电等

3.新型功能材料

代表性论文

1.Mohamed K. Albolkany, Yang Wang, Weijin Li, Syeda Arooj, Chun-Hui Chen, Niannian Wu, Yan Wang, Radek Zboril, Roland A. Fischer\* and Bo Liu\*, Angew. Chem. Int. Ed. 2020, DOI:10.1002/anie.202009710.

2.Yang Wang, Xudong Hou, Congyan Liu, Mohamed K. Albolkany, Yan Wang, Niannian Wu, Chunhui Chen and Bo Liu\*, Nat. Communs. 2020，11, 3124.

3.Yun-Nan Gong, Long Jiao, Yunyang Qian, Chun-Yang Pan,\* Lirong Zheng, Xuechao Cai, Bo Liu,\* Shu-Hong Yu and Hai-Long Jiang\* Angew. Chem. Int. Ed. 2020, 59, 1.

4.Yang Wang, Niannian Wu, Congyan Liu, Mohamed K. Albolkany and Bo Liu,\* Mater. Horizons. 2020, 7, 149.

5.Shengjun Liu, Cheng Zhang, Yudie Sun, Qian Chen, Lifang He, Kui Zhang,\* Jian Zhang, Bo Liu,\* and Li-Feng Chen,\* Coord. Chem. Rev. 2020, DOI: 10.1016/j.ccr.2020.213266.

6.Yang Wang, Niannian Wu, Yan Wang, Huan Ma, Junxiang Zhang, Lili Xu, Mohamed K. Albolkany and Bo Liu,\* Nat. Communs. 2019, 10, 2500.

7.Bo Liu, Min Tu, and Roland A. Fischer,\* Angew. Chem. Int. Ed. 2013, 52,3402.

8.Bo Liu, Min Tu, Denise Zacher, and Roland A. Fischer,\* Adv. Funct. Mater. 2013,23, 3790.

9.Bo Liu, Osama Shekhah, Hasan K. Arslan, Jinxuan Liu, Christof Wöll\* and Roland A Fischer,\* Angew. Chem. Int. Ed. 2012, 51, 807.

10.Bo Liu, Mingyan Ma, Denise Zacher, Angelique Bětard, Kirill Yusenko, Nils Metzler-Nolte, Christof Wöll, and Roland A. Fischer,\* J. Am. Chem. Soc. 2011,133,1734.

11.Bo Liu, Hiroshi Shioyama, Tomoki Akita, and Qiang Xu,\* J. Am. Chem. Soc. 2008,130, 5390.

12.Bo Liu,\* J. Mater. Chem. 2012, 22, 10094. (invited review)

13.Bo Liu, and Roland A. Fischer\* Science Chemistry China 2011, 54, 1851. (invited review)

Inorganic Chemistry - Liu Bo

<https://www.hfnl.ustc.edu.cn/detail?id=11484>

Name: Liu Bo

Address: Room 318, South of Material Building, East Campus of the University of Science and Technology of China

Postal Code: 230026

Phone: +86-551-63601123

E-mail: liuchem@ustc.edu.cn

Educational Background and Scientific Research Experience:

2015/01 - Present: Professor and Doctoral Supervisor of the University of Science and Technology of China

2012/04 - 2014/12: Marie Curie Scholar of University of Liverpool

2009/12 - 2012/03: Humboldt Scholar of Ruhr University Bochum

2006/09 - 2009/09: Ph.D. in Molecular Materials from Kobe University

Current Research Directions:

1. Functional porous materials and their adsorption and (chiral) separation applications

2. Research on energy materials for solar energy utilization: including photoelectric, photothermal, thermoelectric, and photothermoelectric applications

3. Novel functional materials

Representative works:

1. Mohamed K. Albolkany, Yang Wang, Weijin Li, Syeda Arooj, Chun-Hui Chen, Niannian Wu, Yan Wang, Radek Zboril, Roland A. Fischer\* and Bo Liu\*, Angew. Chem. Int. Ed. 2020, DOI:10.1002/anie.202009710.

2. Yang Wang, Xudong Hou, Congyan Liu, Mohamed K. Albolkany, Yan Wang, Niannian Wu, Chunhui Chen and Bo Liu\*, Nat. Communs. 2020，11, 3124.

3. Yun-Nan Gong, Long Jiao, Yunyang Qian, Chun-Yang Pan,\* Lirong Zheng, Xuechao Cai, Bo Liu,\* Shu-Hong Yu and Hai-Long Jiang\* Angew. Chem. Int. Ed. 2020, 59, 1.

4. Yang Wang, Niannian Wu, Congyan Liu, Mohamed K. Albolkany and Bo Liu,\* Mater. Horizons. 2020, 7, 149.

5. Shengjun Liu, Cheng Zhang, Yudie Sun, Qian Chen, Lifang He, Kui Zhang,\* Jian Zhang, Bo Liu,\* and Li-Feng Chen,\* Coord. Chem. Rev. 2020, DOI: 10.1016/j.ccr.2020.213266.

6. Yang Wang, Niannian Wu, Yan Wang, Huan Ma, Junxiang Zhang, Lili Xu, Mohamed K. Albolkany and Bo Liu,\* Nat. Communs. 2019, 10, 2500.

7. Bo Liu, Min Tu, and Roland A. Fischer,\* Angew. Chem. Int. Ed. 2013, 52,3402.

8. Bo Liu, Min Tu, Denise Zacher, and Roland A. Fischer,\* Adv. Funct. Mater. 2013,23, 3790.

9. Bo Liu, Osama Shekhah, Hasan K. Arslan, Jinxuan Liu, Christof Wöll\* and Roland A Fischer,\* Angew. Chem. Int. Ed. 2012, 51, 807.

10. Bo Liu, Mingyan Ma, Denise Zacher, Angelique Bětard, Kirill Yusenko, Nils Metzler-Nolte, Christof Wöll, and Roland A. Fischer,\* J. Am. Chem. Soc. 2011,133,1734.

11. Bo Liu, Hiroshi Shioyama, Tomoki Akita, and Qiang Xu,\* J. Am. Chem. Soc. 2008,130, 5390.

12. Bo Liu,\* J. Mater. Chem. 2012, 22, 10094. (invited review)

13. Bo Liu, and Roland A. Fischer\* Science Chemistry China 2011, 54, 1851. (invited review)