



**边永忠**，1975年11月出生，北京科技大学化学与生物工程学院教授，博士生导师。1998年在山东大学化学系获学士学位，2005年在山东大学化学系获博士学位。目前主要从事稀土配位化学、卟啉超分子化学及分子光电功能材料方面的研究。发表SCI论文80余篇，被引用1600多次；目前主持国家和北京市自然科学基金各1项；已结题国家自然科学基金2项，教育部基金2项。任中国化学会会员，国际卟啉酞菁学会会员，2010年入选教育部新世纪优秀人才支持计划。

### 【在研科研项目】

1. 国家自然科学基金面上项目，卟啉酞菁类分子光伏材料的设计合成和性能研究（21471015），2015年-2018年
2. 北京市自然科学基金面上项目，新型手性卟啉衍生物的立体化学与分子识别性能研究（2142021），2014年-2016年

### 【代表性学术论文】

1. Mengliang Zhu, Yabin Zhou, Liguang Yang, Lin Li, Dongdong Qi, Ming Bai, Yuting Chen, Hongwu Du\* and Yongzhong Bian.\* “Synergistic Coupling of Fluorescent “Turn-Off” with Spectral Overlap Modulated FRET for Ratiometric Ag<sup>+</sup> Sensor.” *Inorg. Chem.*, 2014, 53, 12186-12190.
2. Liguang Yang, Yang Zhou, Mengliang Zhu, Luyang Zhao, Liye Wei, and Yongzhong Bian\* “Stereochemistry and Solid State Structure of an Intrinsically Chiral meso-Patterned Porphyrin: a Case Study by NMR and Single-Crystal X-ray Diffraction Analysis.” *J. Org. Chem.*, 2013, 78, 9949-9955.
3. Yongzhong Bian, Yuexing Zhang, Zhongping Ou, Jianzhuang Jiang “Chemistry of Sandwich Tetrapyrrole Rare Earth Complexes” In *Handbook of Porphyrin Science*; Kadish, K. M.; Smith, K. M.; Guillard, R., Eds.; World Scientific Publishing Co. Pte. Ltd.: Singapore; 2011, Vol. 14, chapter 64, pp. 249-460.



**Yongzhong Bian**, Professor of chemistry at the School of Chemistry and Biological Engineering, the University of Science and Technology Beijing. He received his B.Sc. (1998) and Ph.D. (2005) from Shandong University. He became a JSPS Postdoctoral Fellow (2005-2007) in the University of Tokyo. His current research interests include the coordination chemistry of rare earth metals and supramolecular chemistry of porphyrins with emphases on the photoelectrical and biomedical applications.

### 【Publications】

1. Mengliang Zhu, Yabin Zhou, Liguang Yang, Lin Li, Dongdong Qi, Ming Bai, Yuting Chen, Hongwu Du\* and Yongzhong Bian.\* “Synergistic Coupling of Fluorescent “Turn-Off” with Spectral Overlap Modulated FRET for Ratiometric Ag<sup>+</sup> Sensor.” *Inorg. Chem.*, 2014, 53, 12186-12190.
2. Liguang Yang, Yang Zhou, Mengliang Zhu, Luyang Zhao, Liye Wei, and Yongzhong Bian\* “Stereochemistry and Solid State Structure of an Intrinsically Chiral meso-Patterned Porphyrin: a Case Study by NMR and Single-Crystal X-ray Diffraction Analysis.” *J. Org. Chem.*, 2013, 78, 9949-9955.
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