

# 个人简历

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## 教育背景

- 理学学士 (2008.9–2012.7)
  - 专业: 内蒙古大学, 化学化工学院, 应用化学专业 (211 重点大学)
  - 专业排名: 1/68; 学分绩点: 90/100; (3.78/4) **免试推荐**进入南京大学
- 理学博士 (2012.9–2017.6)
  - 专业: 南京大学, 化学化工学院, 化学专业 (985 重点大学)
  - 南京大学化学化工学院, 配位化学国家重点实验室
  - 导师: 燕红教授 (<http://hysz.nju.edu.cn/yanhong/>).
- 博士后经历 (2017.11.1—2019.1.6)
  - 新加坡国立大学理学院化学系
  - 合作导师 吴继善教授 (<http://jishanwu.webs.com/>)

## 获奖经历

- 🏆 2008/09 国家一等助学金
- 🏆 2009/03 香港求是基金会一等奖学金 (2 of 68)
- 🏆 2009/03 内蒙古大学优秀三好学生
- 🏆 2009/10 内蒙古大学优秀学生一等奖学金 (2 of 68)
- 🏆 2010/05 全国大学生英语竞赛三等奖
- 🏆 2010/10 **国家励志奖学金** (2 of 68)
- 🏆 2010/11 全国大学生优秀英语口语六级证书
- 🏆 2011/03 内蒙古大学优秀三好学生
- 🏆 2011/10 优秀学生一等奖学金 (2 of 68)
- 🏆 2011/11 **乌兰夫奖学金一等** (1 of 68)
- 🏆 2012/01 内蒙古大学优秀学生二等奖学金 (5 of 68)
- 🏆 2013/05 南京大学优秀团干部
- 🏆 2015/06 南京大学博士生中期考核一等奖学金 (10%)
- 🏆 2015/10 南京古田化工奖学金一等
- 🏆 2016/10 **国家奖学金**
- 🏆 2016/10 **南京大学优秀研究生**
- 🏆 2016/12 南京大学国际学术交流奖励计划二等奖

## 国际学术交流:

(1):2015.9–2015.11, 日本名古屋大学(Prof. Shigehiro Yamaguchi, Org. Lett. 副主编)  
(<http://orgreact.chem.nagoya-u.ac.jp/Home.html>). (获得优秀成绩单)。

(2): 2017.4–2017.5, 日本东京大学 (Prof. Hiroshi Nishihara 课题组) 访问交流学习。

## 研究方向:

- ◆ 新型磷光功能铱配合物的设计合成与生物成像应用;
- ◆ 有机共轭分子材料的设计合成与应用;
- ◆ 含主族元素 (Boron Element) 化合物的设计合成与应用;

## 发表文章:

1. **Xiang Li**, Hong Yan\*, and Qiang Zhao, Carboranes as a Tool to Tune Phosphorescence, *Chem. Eur. J.* 2016, 22, 1888–1898.
2. **Xiang Li**, Xiao Tong, Hong Yan\*, Changsheng Lu, Qiang Zhao, and Wei Huang, A Convenient Approach to Synthesize *o*-Carborane Functionalized Phosphorescent Iridium(III) Complexes for Endocellular Hypoxia Imaging, *Chem. Eur. J.* 2016, 22, 17282–17290. (*Hot Paper*)
3. **Xiang Li**, Xiao Tong, Yongheng Yin, Hong Yan\*, Changsheng Lu, Wei Huang, and Qiang Zhao, Using Highly Emissive and Environmentally Sensitive *o*-Carborane-Functionalized Metallophosphors to Monitor Mitochondrial Polarity, *Chem. Sci.* 2017, 8, 5930–5940.
4. **Xiang Li**, Yongheng Yin, Hong Yan\*, Changsheng Lu, and Qiang Zhao, AIE Characteristics of *o*-Carborane-Functionalized Tetraphenylethylene Luminogens: Influence of the Carborane Clusters on Photoluminescence. *Chem. Asian. J.*, 2017, 12, 2207–2210.
5. **Xiang Li**, Yongheng Yin, Pengli Gao, Weijie Li, Hong Yan\*, Changsheng Lu, and Qiang Zhao, A Novel Phosphorescent Iridium(III) Complex Bearing Donor-acceptor-type *o*-Carboranylated Ligand for Endocellular Hypoxia Imaging, *Dalton. Trans.*, 2017, 46, 13802–13810.
6. **Xiang Li**, Yongheng Yin, Hong Yan\*, Changsheng Lu, and Qiang Zhao, Novel phosphorescent cationic iridium(III) complexes with *o*-carboranylation on the ancillary N<sup>^</sup>N ligand, *Dalton. Trans.*, 2017, 46, 10082–10089.
7. Yongheng Yin, **Xiang Li**, Senbo Yan, Hong Yan\*, and Changsheng Lu, Tetraphenylethylene-Carborane-Tetraphenylethylene Triad: Influence of Steric Bridge on Aggregation-Induced Emission Properties. *Chem. Asian. J.*, 2018, 13, 3155–3159 (Co-first

author).

8. Hongde Ye, **Xiang Li**, and Hong Yan\*, Synthesis of a Paramagnetic Carborane Derivative Containing A Furyl Ring and Its Formation Mechanism, *Chinese. J. Inorg. Chem.* 2014, 30, 1469–1473.
9. **Xiang Li**, Hong Yan\*, Changsheng Lu, and Qiang Zhao, Synthesis and Structure–Property Relationship Studies on Novel Zwitterionic Iridium(III) Complexes aided by *nido*–Carboranyl Bipyridine. (*Chem.Chem.* In Preparation).
10. Yanhong Zhao\*, **Xiang Li**, Qiangqiang Du and Xiaojing Wang, Reduction Kinetics and Electrochemistry Property of Ascorbic Acid, *Advanced Materials Research* (Volumes 233–235), 1752–1755.
11. Yanhong Zhao\*, Lichun Hou, **Xiang Li**, and Xiaojing Wang, Photocatalytic Activity of W Doped Ta<sub>2</sub>O<sub>5</sub> Particles for Methylene Blue Degradation under UV–light, *Advanced Materials Research* (Volumes 197–198), 281–284.

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## 科研项目:

- (1).南京农业大学人才引进启动经费 100 万