

<u>基本信息</u>	
姓名	李翠玲
职称	高级职称
联系电话	15010281316
电子邮件	licuiling@bit.edu.cn
系/研究所	纳米化学研究所
	
<u>教育背景</u>	
2003.08-2007.07	济南大学，高分子材料与工程专业，工学学士
2007.08-2012.06	中科院长春应用化学研究所大学，物理化学专业，理学博士
<u>工作履历</u>	
2019-至今	北京理工大学化学与化工学院，教授
2016-2018	新加坡南洋理工大学，博士后
2012-2016	日本国立材料研究所(NIMS)，博士后
<u>研究方向</u>	
1.	燃料电池催化剂材料
2.	多孔材料的设计制备
3.	电催化二氧化碳资源化转化
4.	电催化产氢及储存
5.	电化学固氮
<u>团队招聘</u>	
<p>每年招收硕士研究生、博士研究生若干名；欢迎优秀博士毕业生加盟本团队从事博士后研究；欢迎预聘助理教授、预聘副教授等高层次人才加盟本团队！</p>	
<u>荣誉奖励</u>	
1.	国家级高层次人才项目
2.	北京理工大学特立青年学者

## 研究成果

主要从事纳米电化学研究，致力于电化学能源转换领域的基础和应用研究。立足新型多孔催化剂材料，面向国家重大清洁能源需求，在燃料电池电极催化剂材料设计制备及电催化性能强化、电催化二氧化碳的资源化转化、氢能生产与储存、环境监测等领域取得了系列科研成果。

已在 *Nat. Commun.*, *JACS*, *Angew. Chem. Int. Ed.* 等学术期刊上发表论文 60 余篇，论文 SCI 的他引超 3000 次，其中，ESI 高被引用论文 10 篇。已经获批日本专利 2 项，获批中国发明专利 2 项。研究成果受到国内外学者的认可和关注，被国际专业期刊多次评述报道。

## 代表性论文

1.	Cuiling Li, Muhammad Iqbal, Bo Jiang, Zhongli Wang, Jeonghun Kim, Ashok Kumar Nanjundan, Andrew E. Whitten, Kathleen Wood, Yusuke Yamauchi* "Pore-tuning to boost the electrocatalytic activity of polymeric micelle-templated mesoporous Pd nanoparticles" <i>Chem. Sci.</i> 2019, 10, 4054-4061. ( <i>Highly cited paper</i> )
2.	Cuiling Li, Muhammad Iqbal, Jianjian Lin, Xiliang Luo, Bo Jiang, Victor Malgras, Kevin C.-W. Wu, Jeonghun Kim*, Yusuke Yamauchi* "Electrochemical Deposition: An Advanced Approach for Templated Synthesis of Nanoporous Metal Architectures" <i>Acc. Chem. Res.</i> 2018, 51, 1764-1773. ( <i>Invited Progress Report; Highly cited paper</i> )
3.	Cuiling Li, Haibo Tan, Jianjian Lin, Xiliang Luo, Shengping Wang, Jungmok You, Yong-Mook Kang, Yoshio Bando, Yusuke Yamauchi*, Jeonghun Kim* "Emerging Pt-based electrocatalysts with highly open nanoarchitectures for boosting oxygen reduction reaction" <i>Nano Today</i> 2018, 21, 91-105. ( <i>Highly cited paper</i> )
4.	Cuiling Li, Bo Jiang, Zhongli Wang, Yunqi Li, Toshiaki Takei, Joel Henzie, Ömer Dag, Yoshio Bando, Yusuke Yamauchi* "First synthesis of continuous mesoporous copper films with uniformly sized pores by electrochemical softtemplating" <i>Angew. Chem. Int. Ed.</i> 2016, 55, 12746-12750. ( <i>Highlighted as VIP Paper</i> )
5.	Cuiling Li, Ömer Dag, Thang Duy Dao, Tadaaki Nagao, Yasuhiro Sakamoto, Tatsuo Kimura, Osamu Terasaki, Yusuke Yamauchi* "Electrochemical synthesis of mesoporous Au films toward mesospace-stimulated optical properties" <i>Nat. Comm.</i> 2015, 6, 6608.

6.	Cuiling Li, Bo Jiang, Nobuyoshi Miyamoto, Jung Ho Kim, Victor Malgras, Yusuke Yamauchi* “Surfactant-Directed Synthesis of Mesoporous Pd Films with Perpendicular Mesochannels as Efficient Electrocatalysts” J. Am. Chem. Soc. 2015, 137, 11558-11561.
7.	Cuiling Li, Takaaki Sato, Yusuke Yamauchi* “Electrochemical Synthesis of OneDimensional Mesoporous Pt Nanorods Using the Assembly of Surfactant Micelles in Confined Space” Angew. Chem. Int. Ed. 2013, 52, 8050-8053. ( <i>Highlighted as VIP Paper &amp; Cover Paper; Highly cited paper</i> )
8.	Bo Jiang, Cuiling Li*, Jing Tang, Toshiaki Takei, Yusuke Ide, Joel Henzie, Satoshi Tominaka, Yusuke Yamauchi* “Tunable-Sized Polymeric Micelles and Their Assembly for Preparation of Large-Sized Mesoporous Pt Nanoparticles” Angew. Chem. Int. Ed. 2016, 55, 10037-10041.
9.	Bo Jiang, Cuiling Li*, Victor Malgras, Masataka Imura, Satoshi Tominaka, Yusuke Yamauchi* “Mesoporous Pt Nanospheres with Designed Pore Surface as Highly Active Electrocatalyst” Chem. Sci. 2016, 7, 1575-1581. ( <i>Highly cited paper</i> )
10.	Qinbai Yun# , Qipeng Lu# , Cuiling Li# , Bo Chen, Qinghua Zhang, Qiyuan He, Zhaoning Hu, Zhicheng Zhang, Yiyao Ge, Nailiang Yang, Jingjie Ge, Yan-Bing He, Lin Gu, Hua Zhang, ACS Nano 2019, 13, 14329-14336.