李楠个人简介

作者： 时间：2018-05-23 点击数： 2597

李楠，男，博士，教授，化学学术硕士生/学科教学（化学）专业硕士生导师。

联系方式
E-mail：nanli @gzhu.edu.cn

教育经历
1、1995年毕业于河南大学化学化工学院，获化学专业学士学位。
2、1998年毕业于中国科学院兰州化学物理研究所，获有机化学硕士学位。
3、2008年毕业于香港城市大学生物及化学系，获博士学位。

讲授课程

本科生课程：“物理化学”、“化学史”、“物理化学实验”等。

科研方向

李楠老师长期从事纳米功能材料在环境和能源领域的基础和应用研究，特别是高效微生物燃料电池的构建与产电去污性能研究。先后主持/参与国家自然科学基金项目、广东省自然科学基金项目等10余项课题。在国际学术期刊上发表SCI收录论文65篇，被引用2100多次，H值22，并获得国家发明专利授权2项。

近年科研及教学项目

1、主持广东省自然科学基金：“过渡金属硒化物/碳纳米复合材料作为微生物燃料电池阴极催化剂的研究”。

2、主持广东省教育厅特色创新项目：“金属有机骨架衍生多孔碳基电催化剂的制备及应用研究”

3、主持广东省高校“本科教学质量工程”建设项目:“精品视频公开课-生活中的物理化学”。

4、主持广州市科技计划项目：“石墨烯基纳米复合材料的制备及其在微生物燃料电池中的应用”。

5、主持广州大学通识教育核心课程立项建设项目：“世界科学技术史”

近年代表性论文：

1. Liang Tan, Qiu-Ren Pan, Xiao-Tong Wu, **Nan Li*,** Jian-Hua Song, and Zhao-Qing Liu*. Core@shelled Co/CoO embedded nitrogen-doped carbon nanosheets coupled graphene as efficient cathode catalysts for enhanced oxygen reduction reaction in microbial fuel cells. ACS Sustainable Chemistry & Engineering, **2019**, 7, 6335−6344.

2. Qiu-Ren Pan, Si-Jie Li, Kaixin Tong, Chong Xie, Lijuan Peng, **Nan Li***, Dong-Yao Wang, Hong Su*. Engineering Ni^{3+} inside nickel selenide as efficient bifunctional oxygen electrocatalysts for Zn–air batteries. Journal of Materials Science, **2019**, 2019, 54, 9063–9074

3. Jie-Cheng Li, Xiao-Tong Wu, Li-Jun Chen, **Nan Li***, Zhao-Qing Liu*. Bifunctional MOF-derived Co-N-doped carbon electrocatalysts for high-performance zinc-air batteries and MFCs. Energy, **2018**,156, 95−102.

4. Liang Tan, Si-Jie Li, Xiao-Tong Wu, **Nan Li***, Zhao-Qing Liu*. Porous Co_3O_4decorated nitrogen-doped graphene electrocatalysts for efficient bioelectricity generation in MFCs. International Journal of Hydrogen Energy, **2018**, 43, 10311−10321.

5. Xiao-Tong Wu, Jie-Cheng Li, Qiu-Ren Pan, **Nan Li***, Zhao-Qing Liu*. Gallic acid-assisted synthesis of Pd uniformly anchored on porous N-rGO as efficient electrocatalyst for microbial fuel cells. Dalton Transactions, **2018**, 47, 1442−1450.

6. Shao-Hao Lai, Yi-Bo Chen, **Nan Li***, Hong Su*, Shi-Heng Guo. Novel g-C_3N_4 wrapped γ-Al_2O_3microspheres heterojunction for efficient photocatalytic application under visible light irradiation. Journal of Materials Science: Materials in Electronics, **2018**, 29, 4509−4516.

7. **Nan Li**, Wei-Yan Xia, Chang-Wei Xu, Shuang Chen. Pt/C and Pd/C catalysts promoted by Au for glycerol and CO electrooxidation in alkaline medium. Journal of the Energy Institute, **2017**, 90, 725–733.

8. Wei-Yan Xia, Liang Tan, **Nan Li***, Jie-Cheng Li, Shao-Hao Lai. Nickel cobaltite@nanocarbon hybrid materials as efficient cathode catalyst for oxygen reduction in microbial fuel cells. Journal of Materials Science, **2017**, 52, 7539–7545.

9. Liang Tan, Yi-Dong Yang, **Nan Li***, Shuang Chen, Zhao-Qing Liu*. Enhanced activity and stability of Co_3O_4-decorated nitrogen-doped carbon hollow sphere catalysts for microbial fuel cells. Catalysis Science & Technology,**2017**, 7, 1715–1323.

10. Ji-Hua Qin, Zhao-Qing Liu, **Nan Li***, Yi-Bo Chen, Dong-Yao Wang. A facile way to prepare CuS-oil nanofluids with enhanced thermal conductivity and appropriate viscosity. Journal of Nanoparticle Research, **2017**, 19(2), 1–8.

11. Liang Tan, **Nan Li***, Shuang Chen, Zhao-Qing Liu*. Self-assembly synthesis of CuSe@graphene–carbon nanotubes as efficient and robust oxygen reduction electrocatalysts for microbial fuel cells. Journal of Materials Chemistry A, **2016**, 4(31), 12273–12280.

12. Liang Tan, Zhao-Qing Liu, **Nan Li***, Jia-Yi Zhang, Lei Zhang,*, Shuang Chen. CuSe decorated carbon nanotubes as a high performance cathode catalyst for microbial fuel cells. Electrochimica Acta, **2016**, 213, 283–290.

13. Zuo-Bin Qin, Liang Tan, Zhao-Qing Liu, Shuang Chen, Ji-Hua Qin, Jie-Jian Tang, **Nan Li***. One-pot synthesis of ultrafine TiO_2nanoparticles with enhanced thermal conductivity for nanofluid applications. Advanced Powder Technology, **2016**, 27(2), 299–304.

14. **Nan Li**, Wei-Yan Xia, Jing Wang, Zi-Li Liu, Qing-Yu Li, Sheng-Zhou Chen, Chang-Wei Xu* and Xi-Hong Lu*. Manganese oxides supported on hydrogenated TiO_2nanowire array catalysts for the electrochemical oxygen evolution reaction in water electrolysis. Journal of Materials Chemistry A, **2015**, 3(42), 21308–21313.

15. **Nan Li**, Ji-Yu Wang, Zhao-Qing Liu*, Yun-Ping Guo, Dong-Yao Wang, Yu-Zhi Su and Shuang Chen. One-dimensional ZnO/Mn3O4 core/shell nanorod and nanotube arrays with high super capacitive performance for electrochemical energy storage. RSC Advances, **2014**, 4, 17274–17281.

授权专利：

1. 李楠，曾远娴，许家友，陈爽，钟秀文，李杰诚. 一种硬脂酸修饰二硫化钼纳米材料的制备方法及其应用. 授权号：ZL 201410407821.7。

2. 李楠，丁超海，夏慰妍. 一种多壁碳纳米管负载$Ni_{0.85}Se$复合材料的制备方法及其应用. 授权号：ZL 201410407823.6。

上一篇：何芝洲

下一篇：林奘勇个人简介