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工作及教育经历：

2012/07–至今，天津工业大学化学与化工学院
2007/09–2012/06，吉林大学化学学院，物理化学专业博士研究生
2003/09–2007/06，吉林师范大学化学学院，理学学士

研究方向：

环境催化材料，环境能源材料，水中污染物的处理及检测。

主持及参加的科研项目：

1. 天津市科委青年基金项目，生物质基纳米炭黑的微观结构调控及性能研究。
2. 天津市教委科研计划项目，基于生物质模板法三维介孔碳的制备及CO₂电还原性能研究。
3. 国家自然科学基金面上项目，聚离子液体为前驱体制备多原子共掺碳材料作为氧还原和析氧反应的双功能非金属催化剂。
4. 天津市科委基金面上项目，碳基纳米复合材料的原位法制备、微结构调控和储能性能。

代表性学术论文：

1. Hao Qin, Xueli Miao, Dandan Song, Yanting Li, Yanni Shen, Jiajun Tang, Yuning Qu, Yuechao Cao, **Lili wang***, Bing Wang*, Simple synthesis of N-doped catalysts with controllable Pt–Ni nanoparticles for high-efficiency ethanol

oxidation, *Ionics*, 2019, doi: 10.1007/s11581-019-02899-5.

2. Xiaofen Wu, Hao Qin, Yanting Li, **Lili wang***, Yanni Shen, Jiajun Tang, Xiaofeng Wang, Jiahao Ren, Bing Wang*, Nitrogen-doped Hollow Carbon Hemisphere Supporting PtSn Nanoparticles with a Tunable Microstructure to Effectively Improve Electrocatalytic Performance for Ethanol Oxidation , *Int. J. Electrochem. Sci.*, 13, 3091-3106, 2018.
3. **Lili Wang**, Yanting Li, Kunlong Yang, Wenqi Lu, Jianguo Yu, Jian Gao, Gang Liao, Yuning Qu*, Xiaofeng Wang, Xifei Li, Zhen Yin*, Hierarchical Porous Carbon Microspheres Derived from Biomass-Corncob as Ultra-High Performance Supercapacitor Electrode, *Int. J. Electrochem. Sci.*, 12, 5604-5617, 2017.
4. **Lili Wang***, Miaomiao Jia, Wenqi Lu, Kunlong Yang, Junqin Fan, Gang Liao, Jianguo Yu, A Facile Route for Preparation of High-Performance Hierarchical Porous Carbons for Supercapacitor Electrodes, *Int. J. Electrochem. Sci.*, 11, 6052-6063, 2016.
5. **Lili wang***, Zhenbo Zhang, Yuning Qu, Yupeng Guo, Zichen Wang, Xiaofeng Wang, A novel route for preparation of high-performance porous carbons from hydrochars by KOH activation, *Colloids and Surfaces A: Physicochem. Eng. Aspects*, 447, 183-187, 2014.
6. Xiaoyu Ma, **Lili Wang**, Suping Cui, Yali Wang, A Recyclable Method for Preparation of Hydrochars and Silica from Rice Husk, *Materials Science Forum*, 787,164-170, 2014.
7. Yanqin Zhang, Miaomiao Jia, Haiyan Gao, Jianguo Yu, **Lili Wang**, Yisong Zou, Famei Qin, Yongnan Zhao, Porous hollow carbon spheres: facile fabrication and excellent supercapacitive properties. *Electrochim. Acta* 84, 32-39, 2015.
8. Yanqin Zhang, Miaomiao Jia, Jianguo Yu, Junqin Fan, **Lili Wang**, Yisong Zou, Yongnan Zhao, A tunable hierarchical porous carbon from starch pretreated by calcium acetate for high performance supercapacitors. *J. Solid. State Electrochem.* 20, 733-741, 2016.
9. **Lili Wang**, Xiaofeng Wang, Bo Zou, Xiaoyu Ma, Yuning Qu, Chunguang Rong,

- Ying Li, Ying Su, Zichen Wang, Preparation of carbon black from rice husk by hydrolysis, carbonization and pyrolysis, *Bioresour. Technol.*, 102, 8220-8224, 2011.
10. **Lili Wang**, Yupeng Guo, Bo Zou, Chunguang Rong, Xiaoyu Ma, Yuning Qu, Ying Li, Zichen Wang, High surface area porous carbons prepared from hydrochars by phosphoric acid activation, *Bioresour. Technol.*, 102, 1953-1956, 2011.
 11. **Lili Wang**, Yupeng Guo, Yanchao Zhu, Yuning Qu, Ying Li, Chunguang Rong, Zichen Wang, Yanhua Liu*, Investigation on catalyzed combustion of wheat straw by thermal analysis. *Thermochim. Acta.* **2011**, 512, 254-257.
 12. **Lili Wang**, Yupeng Guo, Yanchao Zhu, Ying Li, Yuning Qu, Chunguang Rong, Xiaoyu Ma, Zichen Wang, A new route for preparation of hydrochars from rice husk, *Bioresour. Technol.*, 101, 9807-9810, 2010.