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教育经历：

- 2013.9~2018.7：兰州大学　　专业学习，获得理学博士学位；
- 2009.9~2013.7：兰州大学　　专业学习，获得理学学士学位；

工作经历：

- 2018.8~至今：　鲁东大学物理与光电工程学院从事教学科研工作；

目前研究领域：

- 能量存储与转化，包括：超级电容器、Li-S 电池、固态电解质。

代表性成果

在《ACS Applied Materials & Interfaces》、《Carbon》等国内外学术期刊上发表论文 24 篇，其中被 SCI 收录 24 篇。代表性成果如下：

- 论文

[1] **Ying Liu**, Jinyuan Zhou, Lulu Chen, Peng Zhang, Wenbin Fu, Hao Zhao, Yufang Ma, Xiaojun Pan, Zhenxing Zhang, Weihua Han. Erqing Xie. Highly Flexible Freestanding Porous Carbon Nanofibers for Electrodes Materials of High-Performance All-Carbon Supercapacitors. ACS Applied Materials & Interfaces 2015, 7, 23515-23520.

[2] **Ying Liu**, Jinyuan Zhou, Wenbin Fu, Peng Zhang, Xiaojun Pan, Erqing Xie. In situ synthesis of CoSx@carbon core-shell nanospheres decorated in carbon nanofibers for capacitor electrodes with superior rate and cycling performances. Carbon 2017, 114, 187-197.

[3] **Ying Liu***, Haonan Zhang, Yongjiang Yu, Chen Zhu, Xiaoguang Ma. Effect of gradient controlled pyrolysis process on electrochemical performance of cobalt oxide nanobelts. Journal of Alloys and Compounds 2020, 818, 153357.

[4] **Ying Liu***; Xiaojun Pan; Yirong Zhao; Jinyuan Zhou; Xiaoguang Ma; Erqing Xie; Organic molecules assisted synthesis of carbon nanofibers with controlled surface area

for highperformance supercapacitors, Journal of Energy Storage, 2020, 31.

[5] **Ying Liu***, Haonan Zhang, Xiao Sun, Zheng Xu, Hao Yang, Xiaochun Gao, Xitao Yin, Xiaoguang Ma. Role of Mo doping and the interfacial interaction mechanism of Ni–Mo–S electrodes: experimental and computational study. Physical Chemistry Chemical Physics 2022, 24, 21688-21696.

[6] Haonan Zhang, **Ying Liu***, Chen Zhu, Xiaoguang Ma. Influence of annealing process on the electrochemical properties of Ni3S2 electrode for stable supercapacitors. Journal of Energy Storage 2020, 32, 101946.

[7] Hao Yang, **Ying Liu***, Xiao Sun, Haonan Zhang, Chen Zhu, Xitao Yin, Zhigang Li, Xiaoguang Ma. MOFs assisted construction of Ni@NiOx/C nanosheets with tunable porous structure for high performance supercapacitors. Journal of Alloys and Compounds 2022, 903, 163993.

[8] Xiao Sun, **Ying Liu***, Zheng Xu, Xiaochun Gao, Xitao Yin, Xiaoguang Ma. Tailoring activation of CoNiO nanoparticles/porous carbon nanofibers by atomic doping for high performance supercapacitors. Physical Chemistry Chemical Physics 2022, 24, 29817-29826.