

淮北师范大学研究生导师简介表

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导师类别：学术型		技术职称：副教授	
联系方式	13060809227, shaocf@chnu.edu.cn		
招生专业名称	材料科学与工程		
主要研究方向	新型电催化材料		
	电催化二氧化碳还原和氧还原； 新能源材料与器件等		
个人简历	<p>邵春风，女，博士，淮北师范大学于2022年引进“学术骨干”，博士毕业于华南理工大学，近年来主要从事新型电催化材料以及催化反应机理的研究工作。在单原子催化剂制备、催化反应的动力学与热力学分析以及燃料电池应用等方面取得了一些进展，目前参与发表SCI论文17篇，其中以第一作者或通讯作者9篇（总影响因子IF超100），包括Advanced Functional Materials、Applied Catalysis B: Environmental、Small、Chemical Engineering Journal、Carbon energy、Environmental Research、Catalysis Today、New Journal of Chemistry等。参与3项国家自然科学基金。</p>		
主要学术成就	<p>五篇代表性论文：</p> <ol style="list-style-type: none"> Chunfeng Shao, Lingmin Wu, Haocheng Zhang, Qike Jiang, Xiaoyan Xu, Yinghua Wang, Shiguang Zhuang, Hailiang Chu, Lixian Sun, Jianshan Ye, Baitao Li*, and Xiujun Wang*, A versatile approach to boost oxygen reduction of Fe-N₄ sites by controllably incorporating sulfur functionality, <u>Advanced Functional Materials</u> 2021, 31(25), 2100833. (IF 16.8 一区 Top) Chunfeng Shao, Lingmin Wu, Yinghua Wang, Konggang Qu, Hailiang Chu, Lixian Sun, Jianshan Ye, Baitao Li*, and Xiujun Wang*, Engineering Asymmetric Fe Coordination Centers with Hydroxyl Adsorption for Efficient and Durable Oxygen Reduction Catalysis, 		

	<p><u>Applied Catalysis B: Environmental</u>, 2022, 316, 121607. (IF 24.3 一区 Top)</p> <p>3. Chunfeng Shao, Shiguang Zhuang, Haocheng Zhang, Qike Jiang, Xiaoyan Xu, Jianshan Ye, Baitao Li*, and Xiujun Wang*, Enhancement of mass transport for oxygen reduction reaction using petal-like porous Fe-NC nanosheet, <u>Small</u> 2021, 17, 2006178. (IF 13.3 一区 Top 底封)</p> <p>4. Chunfeng Shao, Liming Wu, Yinghua Wang, Konggang Qu, Hailiang Chu, Lixian Sun, Jianshan Ye, Baitao Li*, and Xiujun Wang*, An open superstructure of hydrangea-like carbon with highly accessible Fe-N₄ active sites for enhanced oxygen reduction reaction, <u>Chemical Engineering Journal</u>, 2022, 429, 132307. (IF 16.7 一区 Top)</p> <p>5. Chunfeng Shao, Shujun Qiu, Guiming Wu, Boyang Cui, Hailiang Chu*, Yongjin Zou, Cuili Xiang, Fen Xu, Lixian Sun*, Rambutan-like hierarchically porous carbon microsphere as electrode material for high-performance supercapacitors, <u>Carbon energy</u>, 2021, 3, 361-374. (新刊物 ESCI IF 21.5)</p>
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