

常州大学材料学院教师信息表

姓 名	刘文君	性 别	女	学 历/学 位	博士研究生
专 业	材料学&电化学		专业技术职务		讲师
所在学科	材料科学与工程		化 学		
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教育背景及工作经历	<p>2021.12~至今 常州大学 讲师 硕士生导师</p> <p>2015.09 ~ 2021.09 江苏大学 硕博连读</p> <p style="padding-left: 100px;">导师：雷玉成教授 包健副研究员</p> <p>2011.09 ~ 2015.06 盐城工学院 本科</p>				
研究领域及研究方向	<ol style="list-style-type: none"> 1. 金属空气电池 2. 电催化分解水（海水） 3. 水系电池 				
代表荣誉及奖励	2022 年江苏大学校优秀博士论文				

代表性论文

(1) **Wenjun Liu**; Dewei Rao*; Jian Bao*; Li Xu; Yucheng Lei*; Huaming Li ; Strong coupled spinel oxide with N-rGO for high-efficiency ORR/OER bifunctional electrocatalyst of Zn-air batteries, *Journal of Energy Chemistry*, 2021, 57: 428-435. (SCI 一区, Top, IF= 13.599)

(2) **Wenjun Liu**[#]; Kun Jiang[#]; Yiming Hu[#]; Qian Li; Yilin Deng; Jian Bao*; Yucheng Lei*; Zr-doped CoFe-layered double hydroxides for highly efficient seawater electrolysis, *Journal of colloid and interface science*, 2021, 604: 767-775. (SCI 一区, Top, IF= 9.965)

(3) **Wenjun Liu**; Jian Bao*; Li Xu; Meili Guan; Yucheng Lei*; Chromium-modulated multifunctional electrocatalytic activities of spinel oxide for Zn-air batteries and overall water splitting, *Journal of Power Sources*, 2020, 479: 229099. (SCI 二区, Top, IF= 9.794)

(4) **Wenjun Liu**[#]; Liming Dai[#]; Yiming Hu; Ku Jiang; Qian Li; Yilin Deng; Junjie Yuan; Jian Bao*; Yucheng Lei*; Construction of self-supporting bimetallic sulfide arrays as a highly efficient electrocatalyst for bifunctional electro-oxidation, *Inorganic Chemistry Frontiers*, 2021, 8: 4528-4535. (SCI 一区, Top, IF= 7.779)

(5) **Wenjun Liu**; Jian Bao*; Li Xu; Meili Guan; Zhaolong Wang; Jingxia Qiu; Yunpeng Huang; Jiexiang Xia; Yucheng Lei*; Huaming Li ; NiCo₂O₄ ultrathin nanosheets with oxygen vacancies as bifunctional electrocatalysts for Zn-air battery, *Applied Surface Science*, 2019, 478: 552-559. (SCI 一区, Top, IF= 7.392)

(6) **Wenjun Liu**; Jian Bao; Meili Guan, Yan Zhao, Jiabiao Lian, Jingxia Qiu, Li Xu, Yunpeng Huang, Jing Qian*; Huaming Li*, Nickel-cobalt-layered double hydroxide nanosheet arrays on Ni foam as a bifunctional electrocatalyst for overall water splitting, *Dalton Transactions*, 2017, 46, 8372-8376. (Inside cover) (SCI 二区, IF= 4.569)

(7) Yiming Hu[#]; **Wenjun Liu**[#]; Kun Jiang; Li Xu; Meili Guan; Jian Bao*; Hongbing Ji*; Huaming Li, Constructing CeO_{2-x}@CoFe-Layered Double Hydroxides heterostructure as an improved electrocatalyst for highly efficient water oxidation, *Inorganic Chemistry Frontiers*, 2020, 7, 4461-4468. (共同一作, SCI 一区, Top, IF= 7.779)

(8) Kun Jiang[#], **Wenjun Liu**[#], Wei Lai[#], Menglian Wang, Qian Li, Zhaolong Wang, Junjie Yuan, Yilin Deng*, Jian Bao*, Hongbing Ji*, NiFe layered double hydroxide/FeOOH heterostructure nanosheets as an efficient and durable bifunctional electrocatalyst for overall seawater splitting, *Inorganic Chemistry*, 2021, 60, 17371-17378. (共同一作, SCI 二区, Top, IF= 5.436)

近年主持的科研项目	1. 常州市应用基础研究计划项目，5万，2022.04-2024.05，在研，主持 2. 常州大学，引进人才项目，10万，2022.05-2024.05，在研，主持
其他成果	暂无
社会兼职	暂无