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简介

任《*Chineses Chemical Letters*》编委，担任 *ACS Applied Energy Materials* 等多种国际学术期刊的论文评审人，英国皇家化学学会会士 (FRSC)、ACS 会员、中国化学学会会员、中国化工学会会员、中国复合材料学会会员。目前已在 *Chemical Engineering Journal*, *ACS Applied Materials & Interfaces*, *Journal of Energy Chemistry*, *Journal of Power Sources*, *Electrochimica Acta*, *Material Letter*, *Journal of Solid State Electrochemistry*, *Science in China Series B: Chemistry* 等国际期刊上发表 SCI 论文 120 余篇，授权发明专利 13 件，公开发明专利 10 件，出版专著 1 部，出版省重点教材 1 部。主持和参与国家级重点和面上项目 7 项，其中重大研究计划 1 项，主持省部级以上项目 8 项，主持完成企业委托项目 5 项。

主持/参加的主要科研项目

- [1] 国家面上项目，压电效应调控 SiO_x/C 复合材料锂离子输运行为研究
- [2] 国家重大研究计划， $\text{Na}_3\text{V}_2(\text{PO}_4)_2\text{F}_3/\text{C}$ 团簇材料自组装合成及结构调控研究
- [3] 国家联合基金项目，N-双相掺杂 $\text{Li}_4\text{Ti}_5\text{O}_{12}/\text{C}$ 介孔纳米片状材料可控制备及储钠机理
- [4] 国家自然科学基金面上项目，导电水凝胶原位修饰石墨烯/ SiO_x/Si 及储锂研究
- [5] 国家应急项目，插层式硅/石墨烯复合负极材料的构建和储锂性能研究
- [6] 国家重点项目，富镍三元正极材料的结构设计与界面改性研究
- [7] 国家面上项目，锂离子电池负极用硅/石墨烯纳米复合材料的原位合成和性质模拟

社会兼职

- [1] 江苏省科学技术协会首席专家
- [2] 江苏省动力及储能电池产业创新联盟常务理事

- [3] 江苏省储能材料与器件产业技术创新战略联盟技术委员会专家
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- [7] 能源材料与器件专家委员会副主任

获奖经历

- [1] 动力电池用单晶高镍三元正极材料关键技术和智能化生产，中国石油和化学工业联合会科技进步二等奖
- [2] HEV 用镍氢动力电池正极材料核心技术工程化研发，省科学技术进步二等奖
- [3] 聚乙烯基三维多孔陶瓷涂层复合隔膜的关键技术，省科学技术进步三等奖
- [4] 动力电池用高性能陶瓷涂覆 PE 隔膜材料产业化研发，市科学技术进步一等奖
- [5] 钛酸锂负极材料的生产与推广，第二届中国“互联网+”大学生创新创业大赛，指导教师

出版专著&教材

- [1] Ren Yurong, Ma Jianmin. Metal Electrodes for Battery Technologies [M].
- [2] 任玉荣，新型储能材料[M], 2022.

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