

钟璨宇



学历： 研究生 学位： 工学博士
职务： 钒钛学院专职教师 职称： 助理研究员
联系方式： jiangzq@pzhu.edu.cn 研究方向： 纳米功能材料

■教育经历

- 博士 (2011.09 - 2016.06): 西南大学, 分析化学, 方向: 碳基清洁能源材料与技术;
- 硕士 (2009.09 - 2011.06): 西南大学, 材料物理与化学专业, 方向: 纳米材料;
- 本科 (2005.09 - 2009.06): 西南大学, 材料科学与工程专业

■工作经历

- 2016.11 - 至今: 攀枝花学院, 钒钛学院, 助理研究员

■主持及参与科研项目

项目情况

主持项目: 三维碳纳米材料制备及在金属-硫系电池中的应用、石墨烯—金属复合物技术与应用开发、高电导石墨烯-铜复合导线。参与项目: 攀枝花石墨烯工程技术研究中心建设项目、重庆市自然科学基金项目(No. cstc2015jcyjA50029)、石墨烯或石墨烯氧化物支撑弱聚电解质多层膜的构建及其性质研究、中央高校基本科研业务专项 (2015/1/1-2016/12/31).

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■发表学术论文

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- Jingao Wu^{‡*}; **Canyu Zhong[‡]**; Xiaofan Chen; Jing Huang. **Li₃V₂(PO₄)₃ particles embedded in a N and S co-doped porous carbon cathode for high performance lithium storage: an experimental and DFT study**. *Inorganic Chemistry Frontiers*, 2025,12(1): 217-230.
- Jinggao Wu*; Cuirong Deng; **Canyu Zhong**; Jing Huang. **Electrochemical sodium storage properties in monolayer VOPO₄: A density functional theory prediction**. *Chemical Physics*, 2024, 587: 112442.
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- Pingping Yang; Jiale Xie; **Canyu Zhong**; [Biomass-Derived Three-Dimensional Porous Network Carbon and Bioseparator for High-Performance Asymmetric Supercapacitor](#), *ACS Applied Energy Materials*, 2018, 1(2): 616-622.
- Xie Jiale; Yang Pingping; Guo Chunxian; **Zhong Canyu**; Wang Xiaodeng; Li Chang Ming; [Hydrothermally Treating High-Ti Cinder for a Near Full-Sunlight-Driven Photocatalyst toward Highly Efficient H₂ Evolution](#), *ACS Sustainable Chemistry & Engineering*, 2018, 6(4): 5076-5084.
- **Canyu Zhong**; Qi Lai; Yufeng Li; Jinggao Wu; [One-pot synthesized porous Ti-doped MoO₂ anode material for high energy density lithium ion batteries](#), *Journal of Materials Science: Materials in Electronics*, 2018, 29(20): 17571-17579.
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- Long Zou; Yan Qiao; Shuang Gu; Yunhong Huang; **Canyu Zhong**; Zhong-er Long*; [Nano-porous Mo₂C in-situ grafted on macroporous carbon electrode as an efficient 3D hydrogen evolution cathode](#), *Journal of Alloys and Compounds*, 2017, 712: 103-110.
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- Weiyong Yuan; Xiaoyan Wang; **Canyu ZHONG**; Changming LI*; [CoP Nanoparticles in Situ Grown in Three-Dimensional Hierarchical Nanoporous Carbons as Superior Electrocatalysts for Hydrogen Evolution](#), *ACS Applied Materials & Interfaces*, 2016, 8(32): 20720-20729.
- **Canyu Zhong**; Weiyong Yuan; Yuejun Kang; Jiale Xie; Fangxin Hu; Chang Ming Li*; [Biomass-Derived Hierarchical Nanoporous Carbon with Rich Functional Groups for Direct-Electron-Transfer-Based Glucose Sensing](#), *ChemElectroChem*, 2016, 3(1): 144-151.

■ 发明专利及软件著作权

- [1] **钟璨宇**. 一种物理吸附仪用杜瓦瓶上端面密封结构[P].申请号 CN2025119551343, 2025-12-23. 发明, 未公开; 实用新型, 在审
- [2] **钟璨宇**,谢佳乐,黄静等. 一种牛角状焦耳热反应器[P].申请号 CN202522446052.8, 2025-11-18. 实用新型, 在审
- [3] **钟璨宇**; 谢佳乐; 吴静高. 一种利用焦耳热加热含挥发份粉末的装置及加热方法[P]. CN202410404166.3, 2024-04-06. 发明, 在审
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- [5] **钟璨宇**,曾欣. 线缆中石墨烯-金属导电界面的改良方法[P]. CN116013603A, 2023-04-25. 发明, 在审
- [6] **钟璨宇**,颜靖,李玉峰等. 塔架式高压传输用的石墨烯-金属复合线缆[P]. CN215183252U, 2021-12-14. 实用新型, 已授权
- [7] 颜靖,**钟璨宇**,蒋志强等. 丝束填充导电粉末装置[P]. CN214253978U, 2021-09-21. 实用新型, 已授权
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- [9] 曾明,**钟璨宇**. 双层密封球磨罐[P], 实用新型, CN213408907U, 2021-06-11. 已授权
- [10] 张锦,**钟璨宇**,赖奇等. 镀膜线基板杂质气体清除设备[P]. CN213134317U, 2021-05-07. 实用新型,已授权

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[12] 李长明,钟璨宇. 一种超级电容器用富含微纳孔超结构多孔石墨烯的制备方法及产品[P]. CN105776195B, 2018-05-04. 发明, 已授权

