



李 群

学历：研究生 学位：理学博士
职务：教研室主任 职称：副教授
联系方式：lqun1@cdu.edu.cn 研究方向：电催化

■教育经历

- 博士（2014.09 – 2019.11）中国科学技术大学，分析化学专业
- 本科（2009.09 – 2013.06）：西华师范大学，化学专业

■工作经历

- 2023.04 – 至今：成都工业学院，材料与环境工程学院，副教授
- 2020.01 – 2023.02：成都理工大学，材料与化学化工学院，特聘研究员

■主持及参与科研项目

- 四川省科技厅，青年基金，手性共价有机框架与磁性Ru基氧化物的模块组装及其协同析氧机制研究，10 万，主持。
- 成都理工大学，校级科研项目，30 万，主持。
- 成都工业学院，校级科研项目，10 万，主持。
- 吉林省科技厅，自然科学基金，电解水用镍钒水滑石阵列负载单原子电催化剂的理论与实验研究，10 万，参加。
- 吉林省科技厅，优秀青年人才基金项目，单原子金属掺杂过渡金属氢氧化物阵列作为电解水催化剂的应用研究，10 万元，参加。
- 国家自然科学基金委员会，面上项目，超细石墨相氮化碳纳米线及试纸和芯片的制备及其在铜离子检测中的应用，65 万元，参加。

■发表学术论文

1. **Qun Li**, Chao. Zeng, Yong. Xian, Yong. You, Shasha. Lu, Yichao. Ding. Oxygen-atom-bridged RuSneCe heterojunction for enhanced oxygen evolution reaction in acidic media. **International Journal of Hydrogen Energy**, 2024, 49, 498-505 (IF=7.139, SCI 二区).

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2. **Qun Li**, Chao. Zeng, Xin Cheng, Mingming Zhang, Yichao Ding, Yong. Xian, Xiaona Huang, Pingping Liu, Ce Han. Coupling spin selectivity into ferrimagnet for enhanced electrocatalysis. **International Journal of Hydrogen Energy**, 2024, 80, 435-439 (IF=7.139, SCI = ☒).
 3. Chao Zeng, **Qun Li***, Yong You, Lemeng Sun, Weiyi Cheng, Xiaofeng Zheng, Shiyang Liu, Qiuyu Wang. Structural regulation of Fe-Co prussian blue analogues by incorporation of Pt for enhanced electrocatalytic overall water splitting. **International Journal of Hydrogen Energy**, 2022, 47, 35149-35155. (IF=7.139, SCI = ☒)
 4. **Qun Li***, Weiyi Cheng, Chao Zeng, Xiaofeng Zheng, Lemeng Sun, Qiong Jiang, Yong You*. Facile and rapid synthesis of Pt-NiOx/NiFcomposites as a highly efficient electrocatalyst for alkaline hydrogen evolution. **International Journal of Hydrogen Energy**, 2022, 47, 7504-7510 (IF=7.139, SCI = ☒).
 5. **Qun Li**, Dewen Wang, Qingqing Lu, Tian Meng, Mengxia Yan, Libing Fan, Zhicai Xing* and Xiurong Yang*. Identifying the activation mechanism and boosting electrocatalytic activity of layered perovskite ruthenate. **Small**, 2020, 16, 1906380 (IF=15.153, SCI = ☒).
 6. **Qun Li**, Dewen Wang, Ce Han, Xiao Ma, Qingqing Lu, Zhicai Xing and Xiurong Yang*. Construction of amorphous interface in an interwoven NiS/NiS₂ structure for enhanced overall water splitting. **Journal of Materials Chemistry A**, 2018, 6, 8233-8237 (IF= 14.511, SCI = ☒).
 7. **Qun Li**, Ce Han, Xiao Ma, Dewen Wang, Zhicai Xing* and Xiurong Yang*. Bromine and nitrogen co-doped tungsten nanoarrays to enable hydrogen evolution at all pH values. **Journal of Materials Chemistry A**, 2017, 5, 17856-17861 (IF= 14.511, SCI = ☒).
 8. **Qun Li**, Zhicai Xing, Dewen Wang, Xuping Sun* and Xiurong Yang*. In situ electrochemically activated CoMn-S@NiO/CC nanosheets array for enhanced hydrogen evolution. **ACS Catalysis**, 2016, 6, 2797-2801 (IF=13.7, SCI = ☒).
 9. **Qun Li**, Wei Cui, Jingqi Tian, Zhicai Xing, Qian Liu, Wei Xing, Abdullah M. Asiri and Xuping Sun*. N-doped carbon-coated tungsten oxynitride nanowire arrays for highly efficient electrochemical hydrogen evolution. **ChemSusChem**, 2015, 8, 2487-2491 (IF=9.1398, SCI = ☒).
 10. **Qun Li**, Zhicai Xing, Abdullah M. Asiri, Ping Jiang* and Xuping Sun*. Cobalt phosphide nanoparticles film growth on carbon cloth: A high-performance cathode for electrochemical hydrogen evolution. **International Journal of Hydrogen Energy**, 2014, 39, 16806-16811 (IF=7.139, SCI = ☒).

发明专利

一种 Pt-Ni 复合材料、其制备方法及其作为电解水制氢催化剂的应用, 202210063520.1
