

## 个人简介:

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出生年月: 1986.09

技术职务: 研究员 (正高级职称)

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## 工作及教育经历:

1. 2019/09至今, 天津工业大学, 化学与化工学院, 研究员 (正高级职称)
2. 2017/07-2017/07, 北京化工大学, 化学工程学院, 博士后
3. 2013/09-2017/06, 北京工业大学, 环境与能源工程学院, 博士
4. 2010/09-2013/06, 北京工业大学, 环境与能源工程学院, 硕士

## 研究方向:

金属有机骨架设计与合成及其在燃料电池和二次离子电池中的应用

## 主持课题及人才计划项目情况:

1. 2019/09至今, 天津工业大学杰出青年人才支持计划, 30万, 主持, 在研
2. 2018/05-2019/07, 超重力在MOFs可控合成和高效活化应用中的研究, 中国博士后科学基金, 主持, 完成

## 代表性学术论文:

(1) **Fan Yang**, Gang Xu, Heng Zhang, Bin Wang, Yi-Bo Dou, Jian-Rong Li\*, Banglin Chen\*, A flexible metal-organic framework with a high density of sulfonic acid sites for proton conduction, *Nature Energy* (影响因子 54.0, 封面文章, ESI 高被引和热点文章), 2017, 2: 877

(2) Qiuxia Xu#, **Fan Yang**# (共同一作), Xiangping Zhang, Jian-Rong Li\*, Jian-Feng Chen, Suojiang Zhang\*, Combining ionic liquids and sodium salts into metal-organic framework for high-performance ionic conduction, *ChemElectroChem*, 2020, 7, 183 (被期刊选为 Very Important Paper)

(3) **Fan Yang**, Di-Song Wang, Ya-Zhao Liu, Guang-Wen Chu, Yong Luo\*, Jian-Feng Chen\*, Porous PdO-flower induced by nanomicrostructure on monolith with traditional immersion-pyrolysis technique for hydrogenation, *Industrial &*

*Engineering Chemistry Research*, 2019, 58(32): 14646

(4) **Fan Yang**, Hongliang Huang, Xiayan Wang, Fan Li, Yuhan Gong, Chongli Zhong, Jian-Rong Li\*, Proton conductivities in functionalized UiO-66: tuned properties, thermogravimetry mass, and molecular simulation analyses, *Crystal Growth & Design*, 2015, 15(12): 5827

(5) **Fan Yang**, Fan Li\*, Yan Wang, Xin Chen, Dingguo Xia\*, Jingbo Liu\*, Enhanced electrocatalytic performance for methanol oxidation with a Magneti phase molybdenum oxide/Pt-black composite, *Journal of Molecular Catalysis A: Chemical*, 2015, 400: 7

(6) Yuxiu Sun, **Fan Yang**, Qi Wei, Naixin Wang, Xi Qin, Shaokang Zhang, Bin Wang, Zuoren Nie, Shulan Ji, Hui Yan, Jian-Rong Li\*, Oriented nano-microstructure-assisted controllable fabrication of metal-organic framework membranes on nickel foam, *Advanced Materials*, 2016, 28: 2374

(7) Wu. Hao, **Fan Yang**, Xiu-Liang. Lv, Bin. Wang, Yong-Zheng Zhang, Minjian Zhao, Jian-Rong Li\*, A stable porphyrinic metal-organic framework pore functionalized by high-density carboxylic groups for proton conduction, *Journal of Materials Chemistry A*, 2017, 5: 14525

(8) Wei. Yang, **Fan Yang**, Tong-Liang Hu, Stephen Charles King, Hailong Wang\*, Hui Wu, Wei Zhou, Jian-Rong Li, Hadi D. Arman, Banglin Chen\*, A Microporous Diaminotriazine-Decorated Porphyrin-Based Hydrogen-Bonded Organic Framework: Permanent Porosity and Proton Conduction, *Crystal Growth & Design*. 2016, 16: 10.