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师资队伍

师资概况

正高教师

特聘教授

副高教师

中级教师

导师简介

导师简介

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个人学习及工作经历

1994-1998: 中国石油大学(华东), 化工工艺, 本科

2001-2006: 中国石油大学(北京), 化学工程与技术, 博士

2013-2017: 博士后, 化学学科(博士后流动站)

2013-2014: 访问学者(国家): 加拿大萨斯喀彻温大学生物与化工学院;

2006-至今: 扬州大学, 化学化工学院

研究方向及科研项目

研究方向: 电化学储能, 油田化学

科研项目:

- 1、主持: 国家自然科学基金: 前驱体中硫对超级电容器活性炭电极电化学性能的影响规律研究(21106124)。
- 2、主持: 中国博士后国家科学基金(2014M551668): 超声强化热质传递对超高压电极箔蚀孔形貌及分布的影响。
- 3、主持: “江苏省博士后科研资助计划”: 超高压电极箔腐蚀过程关键技术研究(编号1302181C)
- 4、主持: 污油脱水新型破乳剂与絮凝剂配方研制及应用(20151119000072)。中国石油天然气股份有限公司玉门油田分公司(钻采工程研究院)。2016
- 5、主持: 纳米颗粒增强凝胶体系强度及稳定性机理研究, 甲方: 中石化胜利油田石油工程技术研究院, 2017
- 6、主持: 基于超分子缔合交联作用提高凝胶泡沫稳定性及强度研究, 甲方: 中石化胜利油田石油工程技术研究院, 2018-2019, 在研中。

获奖情况

1. 省博士集聚人才: 2013年度江苏“博士集聚计划”资助, 江苏省人力资源和社会保障厅;
2. 扬州市人才: 扬州绿扬金凤计划-优秀博士后, 2013;
3. 扬州市人才: 扬州市“秦邮人才集聚计划”优秀博士人才, 2013;
4. 扬州大学“校优秀青年骨干教师”, 2016
5. 2009、2010连续两年获校“最受学生欢迎教师奖”。

学术兼职

1. 中国化学会会员
2. 《材料导报》特约审稿人
3. Chemical Engineering Journal、Electrochimica Acta、Journal of Alloys and Compounds等SCI刊物审稿人

发表论文选列

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- [2] **Huaihao Zhang***, Yaqiong Wang*, Changwei Liu, Haitao Jiang. Influence of Surfactant CTAB on the electrochemical performance of manganese dioxide used as supercapacitor electrode material. Journal of Alloys and Compounds. 2012, 517: 1-8 IF=2.390 (2012) SCI二区；
- [3] **Huaihao Zhang***, Yaqiong Wang*, Chengyin Wang. Influence of surfactant on the capacitive performance of manganese dioxide prepared at different temperatures. Energy conversion & Management, 2013, 74: 286-292.
- [4] **Huaihao Zhang***, Yuanyuan Jiang*, Jiangna Gu, Jing Zhao, Xiaoxing Zhang, Chengyin Wang. Effect of organic sulfur compounds in the precursor on the capacitance performance of prepared activated carbon. Industrial & Engineering Chemistry Research. 2013, 52 (45): 15801-15807.
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授权专利:

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- [3] 张淮浩, 尹必跃等. 一种高含渣油污的处理工艺. ZL201610016603.X
- [4] 张淮浩, 胡斌等. 一种高介电常数化成铝箔的制备方法. ZL201610186164.7
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- [6] 张淮浩, 王天鹏等. 超声-磁场联合效应强化传热提高化成箔性能的装置. ZL201721802569.5

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