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职称/职务: 讲师

专业: 能源环境工程

研究方向: 水污染控制工程、环境催化

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个人经历

教育经历:

2013.9-2017.6 学士 长春科技学院 动物科技学院 环境工程
2017.9-2020.6 硕士 吉林农业大学 资源与环境学院 环境工程 导师: 马秀兰教授
2020.9-2024.12 博士 华北电力大学 环境科学与工程学院 能源环境工程 导师: 齐立强教授

工作简历:

2025.01-至今 信阳师范大学化学化工学院 讲师

研究领域与兴趣

1. 高效絮凝剂的开发
2. 多功能复合膜的制备
3. 功能化纳米材料的合成

主讲课程

主持科研项目

无

代表性研究成果

期刊论文:

1. **Wen Wang**, Gaoshan Xing, Xinrui Li, Song Han, Zixuan Xu, Liqiang Qi. Synergistic catalytic enhancement of chemical oxygen demand removal using Mn-Bi doped submicron fly ash carrier: mechanistic insights and environmental adaptability[J]. Separation and Purification Technology, 2025, 354: 129203.

2. **Wen Wang**, Song Han, Liqiang Qi, Zixuan Xu, Weiheng Gao. Study on adsorption mechanism of ethyl acetate by high alumina fly ash: modeling and experiment[J]. International Journal of Coal Preparation and Utilization, **2025**, 1-27.
3. **Wen Wang**, Liqiang Qi, Jiahao Zhang. Specific resistance and adsorption performance of acid-modified fly ash for escaped ammonia in flue gas[J]. Journal of Hazardous Materials, **2024**, 465, 133072.
4. Song Han, **Wen Wang**(共同第一作者), Zixuan Xu, Liqiang Qi. Research and perspective of heterogeneous catalytic oxidation by ozone in the removal of pollutants from industrial wastewater: A review[J]. Journal of Industrial and Engineering Chemistry, **2024**, 12.
5. **Wen Wang**, Liqiang Qi, Song Han, HeJin Yuan. Synthesis, characterization of chitosan-trithiocyanuric and its removal mechanism of Cr(VI) and Pb(II) from wastewater[J]. Chemical Engineering Science, **2023**, 281, 119144.
6. **Wen Wang**, Liqiang Qi, HeJin Yuan. Removal of Pb²⁺ from wastewater by γ -Fe₂O₃@SHFA based on alkali-modified fly ash: performance and mechanism[J]. Particle & Particle Systems Characterization, **2022**, 39, 2200118.
7. **Wen Wang**, Liqiang Qi, Pan Zhang, Jichen Luo, Jingxin Li. Removal of COD in wastewater by magnetic coagulant prepared from modified fly ash[J]. Environmental Science and Pollution Research, **2022**, 29, 52175-52188.
8. **Wen Wang**, Jing Zhang, Tianya Chen, Jing Sun, Xiulan Ma, Yujun Wang, Jihong Wang, Zhonglei Xie. Preparation of TiO₂-modified Biochar and its Characteristics of Photo-catalysis Degradation for Enrofloxacin[J]. Scientific reports, **2020**,10(1):6588-6588.
9. **Wen Wang**, Xiulan Ma, Jing Sun, Jianyu Chen, Jing Zhang, Yujun Wang, Jihong Wang, Hao Zhang. Adsorption of enrofloxacin on acid/alkali-modified corn stalk biochar[J]. Spectroscopy Letters, **2019**, 52(7):367-375.

奖励及荣誉

近年来已在 J. Hazard. Mater., Sep. Purif. Technol., Chem. Eng. Sci., J. Ind. Eng. Chem.等国际知名期刊杂志上发表学术论文 10 余篇。信阳师范大学 2025 年理工科 A 类博士人才引进。

个人主页

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