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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 信阳师范学院化学化工学院 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

《环境工程概论》、《环境保护概论》

主持科研项目

1. 河南省高等学校重点科研项目（26B610011），2026.01—2027.12，主持

代表性研究成果

期刊论文：

1. **Wen Wang**, Gaoshan Xing, Silan Li, Liqiang Qi. Anti-fouling membranes for membrane distillation: A critical review of interfacial engineering, dynamic control and sustainable strategies, Journal of Environmental Chemical Engineering. **2025**, 13(6): 119844.
2. **Wen Wang**, Zixuan Xu, Silan Li, Song Han, Liqiang Qi. Hierarchical janus membranes via interfacial engineering: Dual anti-fouling and anti-wetting for sustainable desulfurization

- wastewater reclamation, Journal of Environmental Chemical Engineering. **2025**, 13(5): 118791.
3. **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.
 4. **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.
 5. **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.
 6. Song Han, **Wen Wang** (共 一), 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.
 7. **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.
 8. **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.
 9. **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.
 10. **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.

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。