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学科领域 环境与材料
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个人简历

工作经历

- (1) 2013-09 至 今，华东理工大学，资源与环境工程学院，副教授
(2) 2007-09 至 2013-08，华东理工大学，资源与环境工程学院，讲师

教育经历

- (1) 2004-9 至 2007-7，中国科学院海洋研究所，海洋化学，博士
(2) 2001-9 至 2004-7，中国科学院福建物质结构研究所，物理化学，硕士
(3) 1997-9 至 2001-7，山东师范大学，化学，学士

研究方向

- 1、金属腐蚀与防护
2、文物保护
3、人工智能

研究成果及主要发表文章

- [1] Ying Yan, Mengting Li, Peng Chen, Shuyuan Wang, Chunjie Shi, Hao Zhou, Laiming Wu, Lankun Cai. Reliance of corrosion characteristics for two iron-based alloys on the water content in 1-Butyl-3-methylimidazolium tetrafluoroborate, CORROSION, 2023,,79(9): 1017-1028.
- [2] Ying Yan, Ruinian Gu, Manman Zhu, Mingqi Tang, Qun He, Yuanyuan Tang, Lili Liu*. Environmental impacts and optimization simulation of aerobic anaerobic combination treatment technology for food waste with life cycle assessment, WASTE MANAGEMENT, 2023,164, 228-237.
- [3] Yijing Tang, Lankun Cai, Ying Wang, Min Wang, Hao Zhou, Laiming Wu, Ying Yan*. Influence of formic acid on corrosion behavior of bronze under thin electrolyte layer, JOURNAL OF WUHAN UNIVERSITY OF TECHNOLOGY, 2022, 37(3): 482-489.
- [4] Peng Chen, Xie Liu, Zhihao Lu, Liang Jin, Lankun Cai, Lehua Zhang, Hualin Wang, Ying Yan*. Experimental and theoretical study on removal of organic contaminants with various function groups via suspension freezing separation, SEPARATION AND PURIFICATION TECHNOLOGY, 2021, 259: 118176-118176.
- [5] Jingming Liu, Min Wang, Chengyu Gu, Lehua Zhang, Ying Yan*. Fabrication of a superhydrophobic surface by straightforward immersion for copperplate artwork protection, RSC ADVANCES, 2021, 11(51): 32038-32046.
- [6] Jingfang Cai, Ying Yan, Weiwei Wang, Yuanyuan Ma, Lankun Cai, Laiming Wu, Hao Zhou. Detection of formic acid and acetic acid gases by a QCM sensor coated with an acidified multiwalled carbon nanotube membrane, ENVIRONMENTAL TECHNOLOGY, 2021, 1-11.
- [7] Linyuan Zhang, Liping Qiao, Lan Jian, Ying Yan*, Lina Wang. Three-years monitoring of PM2.5 and scattering coefficients in Shanghai, China, CHEMOSPHERE, 2020, 253: 126613 -126613.
- [8] Lankun Cai, Mengjie Chen, Ying Wang, Cheng Chen, Lehua Zhang, Hao Zhou, Laiming Wu, Ying Yan*. Electrochemical corrosion behavior of bronze materials in an acid-containing simulated atmospheric environment, MATERIALS AND CORROSION, 2020, 771(3): 464-473.