



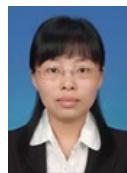
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简历

学习经历

2008/09-2013/07 北京化工大学 材料科学与工程 博士 硕博连读 获工学博士学位
2003/09-2007/07 北京化工大学 材料科学与工程 学士 获工学学士学位

工作经历

2018/07-至今 河海大学 港口海岸与近海工程学院 副教授
2017/08-2018/07 江苏科技大学 材料科学与工程学院 副教授
2013/07-2017/07 江苏科技大学 材料科学与工程学院 讲师

研究方向

海洋装备腐蚀与防护

海下装备动力源开发

金属材料的腐蚀与防护

主讲课程

《从陆地走向海洋的材料奥秘》《科技论文阅读与写作》

科研项目

[1]国家自然科学基金青年项目 “基于镁粉活性调控的镁合金表面聚苯胺-镁粉长效复合防护涂层研究” (51601074). 2017/01-2019/12. 项目负责人.

[2]江苏省高校自然科学研究项目 “基于改性镁粉阴极保护效率的高效环氧富镁涂层体系研究” (14KJB430012). 2014/08-2016/12. 项目负责人.

[3]中央高校科研业务费项目 “环氧富镁铝涂层对舰船用铝合金的防护机制及性能优化” (2018B07214). 2018/07-2019/12. 项目负责人.

[4]先进土木工程材料教育部重点实验室 (同济大学) 开放基金项目 “海洋混凝土结构浪溅区的镁合金牺牲阳极防护系统研究” (201701). 2017/01-2018/12. 项目负责人.

[5]高性能土木工程材料国家重点实验室开放基金科研项目 “浪花飞溅区混凝土结构中钢筋的镁合金牺牲阳极保护系统设计” (2015CEM006). 2016/01-2017/12. 项目负责人..

[6]地质灾害防治与地质环境保护国家重点实验室开放基金项目 “聚磷酸-聚羧酸超塑化剂在高强灌浆砂浆中的作用机制及应用研究” (SKLGP2017K011) 2018/01-2019/12.项目负责人.

[7]材料腐蚀与防护四川省重点实验室开放基金科研项目 “基于纯镁颗粒改性的长寿命富镁涂层研制” (2015CL08)2015/04-2017/03. 项目负责人.

[8]国家自然科学基金青年项目 “基于电脉冲辅助的大气等离子喷涂飞行粒子特性及其细化、加速机理研究” (51401091). 2015/01-2017/12. 主要参与人.

[9]国家级军工项目“镁合金*****”(BHJG2007025), 2008/01-2010/12. 主要参与人

[10]教育部重点项目“镁合金高性能表面改性层制备的关键技术研究”, (108129), 2008/01-2011/12. 主要参与人

论文论著

[1]Xingguo Feng, Chao Zhu, Xiangyu Lu*, Yiji Zhang, Tong Wu, Yu Zuo, Xuhui Zhao, Yuchao Dun, Mai Wang, The influence of hydrofluoric acid doped polyaniline on the protective performance of a mg-rich epoxy coating on AZ91D magnesium alloy, *Progress in Organic Coatings*, 2020, 141: 105550. (SCI)

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专利

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表彰奖励

[1]《荷载作用下海工混凝土结构腐蚀评估与防护技术》获中国腐蚀与防护学会科技进步二等奖 (排名第二) . 2019/02

[2]论文《The study of a Mg-rich epoxy primer for protection of AZ91D magnesiumalloy》获第七届全国腐蚀大会优秀论文奖. 2013/07.

[3]论文《微弧氧化处理对 AZ91D 镁合金表面环氧富镁涂层耐蚀性改善研究》获2014 年度 “风帆杯” 青年腐蚀与防护科技论文讲评会暨海峡两岸青年腐蚀与防护论坛论文讲评会二等奖. 2014/10.

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