



陆馨

所属学院 化工学院

学科领域 化学工程与技术

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个人简介

教育背景:

- 2003.3 - 2006.6, 华东理工大学, 化学工程, 博士
- 1998.9 - 2001.5, 合肥工业大学, 材料学, 硕士
- 1994.9 - 1998.7, 合肥工业大学, 高分子材料与科学, 学士

工作经历:

- 2013.2 - 2014.2, 哈佛大学, 工程与应用科学学院, 访问学者
- 2001.7 - 至今, 华东理工大学, 化工学院

研究方向

1. 功能高分子微球的控制合成及应用开发
2. 低表面能材料的设计合成与作用机理研究
3. 防腐蚀涂层材料的制备及性能研究

研究成果及主要发表文章

1. Xin Lu, Yan Liu, Changlu Zhou, Wenfei Zhang, Zhong Xin. Corrosion protection of hydrophobic bisphenol A-based polybenzoxazine coatings on mild steel. RSC Advances. 2016, 6:5805-5811.
2. Xin Lu, Yuhui Hou, Jie Zha, Zhong Xin. Size-controlled synthesis of monodispersed poly (3-mercaptopropylsilsesquioxane) microspheres by a two-step sol-gel method. Industrial & Engineering Chemistry Research. 2014, 53(38), 14659-14663.
3. Xin Lu, Yuhui Hou, Jie Zha, Zhong Xin. Facile Synthesis of rhodamine B-doped poly (3-mercaptopropylsilsesquioxane) fluorescent microspheres with controllable size. Industrial & Engineering Chemistry Research. 2013, 52 (17), 5880-5886.
4. Xin Lu, Qiangfeng Yin, Zhong Xin, Yang Li, Ting Han. Synthesis of poly (aminopropyl/methyl)silsesquioxane particles as effective Cu(II) and Pb(II) adsorbents. Journal of Hazardous Materials. 2011, 196:234-241.
5. Xin Lu, Qiangfeng Yin, Zhong Xin, Zongqian Zhang. Powerful adsorption of silver(I) onto thiol-functionalized polysilsesquioxane microspheres. Chemical Engineering Science. 2010, 65 (24): 6471-6477.
7. Xin Lu, Zhong Xin. Preparation and characterization of micron-sized hollow polysiloxane spheres. Chemical Engineering Science. 2007, 62 (9-10): 4880-4884.