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教育经历:

2009/9-2012/7毕业于华南理工大学化学与化工学院，精细化工专业，获工学博士学位。

2006/9-2009/7毕业于华南理工大学化学与化工学院，精细化工专业，获工学硕士学位。

2000/9-2004/7毕业于南昌大学环境与化学学院，精细化工专业，获工学学士学位。

工作经历:

2012/9-至今 任广州大学化学化工学院化工系专任教师;

2006/3-2006/8广州雅洁化妆品有限公司，技术研发;

2004/3-2006/3韩国浦项钢铁有限公司，技术管理;

2015年聘为全国材料新技术发展研究会常务理事;

2016年聘为中国能源科技产业学会常务理事;

2018年认定为广东省企业科技特派员;

2018年聘为广东省产业技术创新战略联盟成员和技术指导专家;

2018年聘为广东华澜汽车材料研究院-石墨烯功能涂料研发中心技术顾问;

讲授课程:

主要承担省级精品课程《化学工艺学》、《高分子材料科学》、《精细化学品化学》、《无机化学实验》、《化工原理课程设计》、《企业认识实习》等课程。曾获2015年度全国教育课程改革先进个人和第四届全国教育课程改革教研成果一等奖等荣誉。

科研方向:

抗菌防污自清洁材料、柔性电子传感材料、特种精细化学品。

科研项目:

[1]主持国家自然科学基金:Gemini表面活性剂的设计合成及其在植物叶表面超润湿铺展作用机理研究.

[2]主持广东省科技计划项目:刷型结构高效抗菌剂的合成及其在食品无菌生产线CIP清洗剂产品中的应用研究.

[3]主持广东省科技计划项目:高分子纳米复合信息材料的设计合成及其在柔性存储器中的应用.

[4]主持广东省科技计划项目:抗细菌粘附性含氟聚合物乳液的设计合成及其在织物抗菌整理剂中的应用.

[5]主持广东自然科学基金面上项目:聚阳离子抗菌整理剂的设计合成及其织物抗菌机制研究.

[6]主持广东省青年育苗工程人才项目:高性能聚氨酯复合树脂的制备及其在塑胶热注塑成型膜内装饰技术中的应用.

[7]主持广东省工程中心开放课题:抗菌高分子聚合物乳液的设计合成及其应用.

[8]主持广州市科技计划项目:新型柔软协同抗菌刷型多季铵盐织物整理剂的科技攻关.

[9]主持广东省工程中心开放课题:广东省矿产资源开发和综合利用重点实验室开放基金, 新型螯合捕收剂的设计合成及性能研究.

[10]主持广州市南沙区产学研科技计划项目:食品工业无磷清洗抗菌浓缩剂CIP新技术的科技攻关.

[11]主持广州市天河区产学研科技计划项目:超润湿剂和超润湿性农药的开发及农药残留检测技术的产业化推广.

[12]企业委托项目:多项。(高性能LED灌封胶; 电子产品高强度粘结剂; 抗菌空气过滤器乳液的开发; 玻璃标签胶黏剂产品的开发; 高耐水性有机硅丙烯酸真石漆乳液产品的开发; 建筑外墙用有机硅丙烯酸弹性乳液产品的开发; 通用型和厚浆型水性有机硅消泡剂产品的开发; 大理石抛光防污剂的开发;)

论文一览:

1. **Lin Jing(通讯)**, Chen XiaoYu, Chen ChunYan, Hu JieTao, Zhou CaiLong, Cai XianFang, Wang Wei, Zheng Cheng, Zhang PeiPei, Cheng Jiang, Guo ZhanHu, Liu Hu, **DurablyAntibacterial and Bacterially Antiadhesive Cotton Fabrics Coated by Cationic Fluorinated Polymers, ACS Applied Materials & Interfaces (JCR一区, ESI高被引, 热点论文)**, 2018, 10: 6124–6136.
2. Peitao Xie, Biao He, Feng Dang, **Jing Lin(通讯)**, Runhua Fan, Chuanxin Hou, Hu Liu, Jiaoxia Zhang, Yong Ma, Zhanhu Guo, Bio-gel Derived Nickel/Carbon Nanocomposites with Enhanced Microwave Absorption, **Journal of Materials Chemistry C (JCR一区)**, 2018, 6, 8812–8822
3. Hongbo Gu, Hongyuan Zhang, **Jing Lin(通讯)**, Qian Shao, David P. Young, Luyi Sun, T.D. Shen, Zhanhu Guo, Large negative giant magnetoresistance at room temperature and electrical transport in cobalt ferrite-polyaniline nanocomposites, **Polymer(JCR一区, ESI高被引, 热点论文)**, 2018, 143:324–330
4. Yufei Kong, Yingchun Li, Guosheng Hu, **Jing Lin(通讯)**, DuoPan, Dongyao Dong, EvanWujick, QianShao, MinjianWu, JizhangZhao, ZhanhuGuo, Preparation of polystyrene-b-poly(ethylene/ propylene)-b- polystyrene grafted glycidyl methacrylate and its compatibility with recycled polypropylene/ recycled high impact polystyrene blends, **Polymer(JCR一区)**, 2018, 145, 6: 232–241
5. XingkuiGuo, ShengsongGe, JunxiangWang, XinchengZhang, TaoZhang, **JingLin(通讯)**, Cindy XinxinZhao, BinWang, GuangfeiZhu, ZhanhuGuo, Waterborne acrylic resin modified with glycidyl methacrylate (GMA): Formula optimization and property analysis, **Polymer(JCR一区)**, 2018, 143: 155–163
6. Zhou Cailong, Li Yufeng, Chen Yiwen, **Lin Jing(通讯)**, Hydrothermal synthesis of tungsten doped tin dioxide nanocrystals, **Materials Research express(JCR四区)**, 2018, 5, 1.
7. Hu Zhen, Shao Qing, Huang Yudong, Yu Long, Zhang DaYu, Xu XiRong, **Lin Jing(通讯)**, Liu Hu, Guo Zhanhu, Light triggered interfacial damage self-healing of poly (p-phenylene benzobisoxazole) fiber composites, **Nanotechnology(JCR二区, ESI高被引, 热点论文)**, 2018, 29(18):185602

8. Ya-Ping Wang, Peng Zhou, Shi-Zhong Luo, Sijie Guo, **Jing Lin**(通讯), Qian Shao, Xingkui Guo, Zhongqing Liu, Jun Shen, Bin Wang, Zhanhu Guo, In situ polymerized poly(acrylic acid)/alumina nanocomposites for Pb²⁺ adsorption, **Advanced Polymer Technologies**(JCR三区), 2018, 1-16.
9. Zhou CaiLong, Feng JinXin, Cheng Jiang, Zhang Hui, **Lin Jing**(通讯), Zeng XinJuan, Pi PiHui. Opposite superwetting nickel meshes for on-demand and continuous oil/water separation, **Industrial & Engineering Chemistry Research**(化工领域四大权威期刊之一, JCR一区), 2018, 57: 1059–1070.
10. **Jing Lin**(通讯), Wei Wang, WenLi Bai, MingNing Zhu, Cheng Zheng, ZiLi Liu, XianFang Cai, DongDong Lu, ZhiWei Qiao, FuQun Chen, JieXing Chen. A gemini-type superspreader: synthesis, spreading behavior and superspreading mechanism. **Chemical Engineering Journal**(化工领域四大权威期刊之一, JCR一区), 2017, 315:262-273.
11. Zhou CaiLong, Li HuiJing, **Lin Jing**, Hou Kun, Li ZhaoWen, Pi PiHui, Xu ShouPing, Wen XiuFang, Cheng Jiang*. Matchstick-Like Cu₂S@Cu_xO nowire film: transition of superhydrophilicity to superhydrophobicity, **Journal of Physical Chemistry C** (JCR一区), 2017, 121: 19716–19726.
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13. 林璟(通讯), 陈结形, 何倩莹, 白文丽, 王伟, 杨伟, 郑成, 刘自力, 柯光耀, 李晓欣. 纳米银三角片的光诱导法可控制备及其抗菌活性, **无机化学学报**, 2017, 33(4):569-575.
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21. **Jing Lin(通讯)**, Xu Wu, Cheng Zheng, Peipei Zhang, BOWEI Huang, Ninghai Guo, LiYazi Jin. Synthesis and properties of epoxy-polyurethane/silica nanocomposites by a novel sol method and in-situ solution polymerization route. **Applied Surface Science (JCR一区)** , 2014, 303: 67-75.
22. **Jing Lin(通讯)**, Peipei Zhang, Cheng Zheng, Xu Wu, Taoyan Mao, Mingning Zhu, Huaquan Wang, Danyan Feng, Shuxuan Qian, Xianfang Cai. Reduced silanized graphene oxide / epoxy-polyurethane composites with enhanced thermal and mechanical properties. **Applied surface science (JCR一区)** ,2014, 316:114-123.
23. **Jing Lin(通讯)**, Xu Wu, Cheng Zheng, Peipei Zhang, Qiaoyi Li, WeiWang, Zhuoru Yang. A novolac epoxy resin modified polyurethane acrylates polymer grafted network with enhanced thermal and mechanical properties. **Journal of Polymer Research(JCR三区)**,2014, 21:435-445.
24. **Jing Lin(通讯)**, Cheng Zheng, WenJin Ye, HuaQuan Wang, DanYan Feng, QiaoYi Li, BoWei Huan. A Facile Dip-coating Approach to Prepare SiO₂/Fluoropolymer Coating for Superhydrophobic and Superoleophobic Fabrics with Self-Cleaning Property. **Journal of applied polymer science(JCR二区)**,2014, 132(1):41458-41467.

2. 国家发明专利情况:

- [1]林璟等.一种具有抗菌协同防细菌黏附功能的材料及其制备与应用,201810610961.2
- [2]林璟等.一种抗菌聚合物乳液及其制备方法与应用,201810610915.2
- [3]林璟等.一种光诱导法对银纳米三角片的可控制备方法及其高效抗菌性(已授权),ZL201610994008.3
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- [6]林璟等. 一种反应型抗菌阳离子单体及其制备方法, 201510404142.9
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- [8]林璟等. 一种柔软协同抗菌刷型多季铵盐织物整理剂 (已授权), ZL201510404713.9
- [9]林璟. 一种用于塑料产品模内装饰热转印油墨及其制备方法 (已授权), ZL201410491706.2
- [10]林璟. 一种纳米改性SiO₂/环氧丙烯酸复合树脂及其IMD油墨与制备方法, 201410490233.4
- [11]林璟. 一种石墨烯/环氧丙烯酸复合树脂及其IMD油墨的制备方法, 201410490427.4
- [12]林璟. 一种水性防水丙烯酸酯乳液及其制备方法 (已授权), ZL 201410509042.8

3.个人学术专著

- [1]林璟专著. 耐热性聚氨酯复合树脂及其IMD油墨应用技术,西北工业出版社, 2014-10.

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