

国静/讲师

院 系	化学系	性 别	女
从 事 专 业	应用化学	学 位	工学博士
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个人简介

国静, 1986年03月生于山东菏泽。2013年6月获南京农业大学工学博士学位, 攻读博士学位期间于2011年12月至2012年10月访学于美国Oregon Health & Science University。2013年7月至今于南京农业大学理学院担任化学系教师。主要研究方向为环境污染控制化学, 环境功能性材料的应用研究。迄今为止在 *Journal of Hazardous Materials*, *Separation and Purification Technology*, *Journal of Environmental Management*, *Geoderma*, *Journal of the Taiwan Institute of Chemical Engineers*等SCI杂志发表论文十余篇, 其中第一作者6篇。第一作者发表SCI论文的影响因子累计22.912。

教学信息

无机及分析化学
实验化学 I

科研项目

1. 国家自然科学基金青年科学基金项目, 21407078, 硅胶负载纳米锌降解水中有机污染物的效果及机理研究, 2015/01-2017/12, 25万元, 在研, **主持**。
2. 中央高校基本科研业务费专项资金项目, KJQN201552, 硅胶负载纳米锌降解水中有机污染物的效果及机理研究, 2015/01-2017/12, 10万元, 在研, **主持**。
3. 江苏省普通高校研究生科研创新计划项目, CXZZ11-0656, 硅胶协同零价锌/铁对甲基橙/铬的还原降解研究, 2011/06-2012/06, 3万元, 结题, **主持**。
4. 国家自然科学基金面上项目, 21377056, 锌活化过硫酸钠氧化降解水中有机污染物效果及其机理研究, 2014/01-2015/12, 45万元, 结题, 参与。

所获奖项

发表文章

- (1) **Jing Guo**, Jiao Zhang, Cheng Chen, Yeqing Lan*, Rapid photodegradation of methyl orange by oxalic acid assisted with cathode material of lithium ion batteries LiFePO₄, *Journal of the Taiwan Institute of Chemical Engineers*, 62 (2016) 187-191.

- (2) **Jing Guo**, Chao Dong, Jing Zhang, Yeqing Lan*, Biogenic synthetic schwertmannite photocatalytic degradation of acid orange 7 (AO7) assisted by citric acid, *Separation and Purification Technology*, 143 (2015) 27-31
- (3) **Jing Guo**, Xue Chen, Ying Shi, Yeqing Lan*, Chao Qin, Rapid photodegradation of methyl orange (MO) assisted with Cu(II) and tartaric acid, *plos one*, 10 (2015) e0134298. DOI:10.1371/journal.pone.0134298
- (4) **Jing Guo**, Ying Li, Runan Dai, Yeqing Lan*, Rapid reduction of Cr(VI) coupling with efficient removal of total chromium in the coexistence of Zn(0) and silica gel, *Journal of Hazardous Materials*, 243 (2012) 265-271.
- (5) **Jing Guo**, Danjun Jiang, Yong Wu, Pei Zhou, Yeqing Lan*, Degradation of methyl orange by Zn(0) assisted with silica gel, *Journal of Hazardous Materials*, 194 (2011) 290-29.
- (6) **Jing Guo**, Yanyan Du, Yeqing Lan*, Jingdong Mao, Photodegradation mechanism and kinetics of methyl orange catalyzed by Fe(III) and citric acid, *Journal of Hazardous Materials*, 186 (2011) 2083-2088.
- (7) Hui Li, **Jing Guo**, Lijiao Yang, Yeqing Lan*, Degradation of methyl orange by sodium persulfate activated with zero-valent zinc, *Separation and Purification Technology*, 132 (2014) 168-173.
- (8) Lujing Cong, **Jing Guo**, Jisong Liu, Haiyan Shi, Minghua Wang*, Rapid degradation of endosulfan by zero-valent zinc in water and soil, *Journal of Environmental Management*, 150 (2015) 451-455.
- (9) Feng Yang, **Jing Guo**, Runan Dai, Yeqing Lan*, Oxidation of Cr(III)-citrate/tartrate complexes by δ -MnO₂: production of Cr(VI) and its impact factors, *Geoderma*, 213 (2014) 10-14.
- (10) Yong Wu, **Jing Guo**, Danjun Jiang, Pei Zhou, Yeqing Lan*, Lixiang Zhou, Heterogeneous photocatalytic degradation of methyl orange in schwertmannite/oxalate suspension under UV irradiation, *Environmental Science & Pollution Research*, 19 (2012) 2313-2320.
- (11) XinHua Cao, **Jing Guo**, Jingdong Mao, Yeqing Lan*, Adsorption and mobility of Cr(III)-organic acid complexes in soils, *Journal of Hazardous Materials*, 192 (2011) 1533-1538.
- (12) Runan Dai, Changyuan Yu, **Jing Guo**, Yeqing Lan, Jingdong Mao, Photoredox pathways of Cr(III)-tartrate complexes and their impacting factors, *Journal of Hazardous Materials*, 186 (2011) 2110-2116.
- (13) Xianlan Zhang, Baolin Deng, **Jing Guo**, Yang Wang, Yeqing Lan, Ligand-assisted degradation of carbon tetrachloride by microscale zero-valent iron, *Journal of Environmental Management*, 92 (2011) 1328-1333.