

兰叶青/教授

院 系	化学系	性 别	男
从 事 专 业	化学	学 位	博士
学 历	研究生	毕 业 院 校	南京农业大学
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研 究 方 向	环境污染物控制化学		

个人简介

1960年10月出生，教授，博士生导师。1983年毕业于武汉大学化学系无机化学专业，1993-1999年于南京农业大学在职攻读土壤学硕士和植物营养学博士学位。1983年起一直在南京农业大学担任本科生的无机及分析化学、环境分析化学和研究生的环境污染物控制等课程的教学工作。同时参加土壤化学、环境化学等领域的研究，主要研究方向包括重金属污染物控制；有机污染物控制；新颖多功能材料研发；矿山酸性废水控制。2000-2010年期间，先后4次到美国高校开展合作研究。

教学信息

主讲“无机及分析化学”，“环境分析化学”和“实验化学 I”，江苏省高等学校“无机及分析化学”精品课程负责人。主编教材如下：

1. 无机及分析化学（主编，农业部“十五”规划教材）。中国农业出版社，北京，2005.8.
2. 无机及分析化学（主编，国家“十一五”规划教材立项）。中国农业出版社，北京，2009.8.
3. 无机化学（主编，农业部“十一五”规划教材立项）。中国农业出版社，北京，2009.8
4. 无机及分析化学（主编，农业部“十二五”规划教材）。中国农业出版社，北京，2014.8.

科研项目

1. 含重金属酸性矿山废水的生物矿化处理新技术原理（国家自然科学基金面上重点项目，时间：2017-2021，子项目负责人，经费40万元）
2. 锌活化过硫酸钠降解有机污染物机理及其效果研究(国家自然科学基金，时间：2014-2015，主持，经费45万元)
3. 微生物成因矿物对酸性矿山废水中有毒金属清除机理、作用及其调控(国家自然科学基金，时间：2010-2014，子项目负责人，经费20万元)
4. 控制Cr(VI)在土壤中迁移、归宿的界面氧化还原反应机理研究(国家自然科学基金，时间：2007-2009，主持，经费35万元)
5. 原位气体还原六价铬反应机制和三价铬稳定性研究（国家教育部留学回国人员基金，时间：2002-2005，主持，经费4万元）
6. 三价铬-有机酸配合物的光催化氧化作用机理（国家自然科学基金，时间：2009-2009，主持，经费1万元）

所获奖项

1. 2005-2013 年度先后2 次被评为南京农业大学教学质量标兵
2. 2004 年大学化学被评为江苏省优秀课程群（第2 完成人）
3. 新世纪高等农林院校基础化学系列课程教学改革研究与创新. 江苏省高等学校教育教学成果一等奖. 2004 年. 第3 完成人。
4. 2005 年南京农业大学教学成果特等奖，第 3 完成人。
5. 2009 年南京农业大学基础学科教学优秀团队负责人。
6. 2012 年南京农业大学教学成果一等奖，第 1 完成人。
7. 2011 年主编的“无机及分析化学”教材被评为江苏省高等学校精品教材。

发表文章

1. Jing Zhang, Yao Wu, Liping Liu, Yeqing Lan*. Rapid removal of p-chloronitrobenzene from aqueous solution by a combination of ozone with zero-valent zinc. *Separation and Purification Technology*. 2015, 151, 318–323.
2. Jing Zhang, Yao Wu, Chao Qin, Liping Liu, Yeqing Lan*. Rapid degradation of aniline in aqueous solution by ozone in the presence of zero-valent zinc. *Chemosphere*. 2015, 141, 258–264.
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*, 2015, 1-12.
4. 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*. 2015, 143: 27–31.
5. Ying Li, Cheng Chen, Jing Zhang, Yeqing Lan*. Catalytic role of Cu(II) in the reduction of Cr(VI) by citric acid under an irradiation of simulated solar light. *Chemosphere*, 2015, 127: 87–92.
6. Ying Li, Hui Li, Ning Zhong, Guixiang Quan, Yeqing Lan*. Catalytic Roles of Mn(II) and Fe(III) in the Reduction of Cr(VI) by Mandelic Acid under an Irradiation of Simulated Solar Light. *Water Environment Research*, 2015, 87: 50-60.
7. Guixiang Quan, Jing Zhang, Jing Guo, Yeqing Lan*. Removal of Cr(VI) from aqueous solution by nanoscale zero-valent iron grafted on acid-activated attapulgite. *Water, Air & Soil Pollution*. 2014, 225:1979.
8. Guixiang Quan, Wenji Sun, Jinlong Yan, Yeqing Lan*. Nanoscale Zero-Valent Iron Supported on Biochar: Characterization and Reactivity for Degradation of Acid Orange 7 from Aqueous Solution. *Water, Air & Soil Pollution* .2014, 225: 2195.
9. Ying Li, Hui Li, Jing Zhang, Guixiang Quan, Yeqing Lan*. Efficient Degradation of Congo Red by Sodium Persulfate Activated with Zero-Valent Zinc. *Water Air Soil Pollut*. 2014, 225:2121
10. Ying Li, Chao Qin, Jing Zhang, Yeqing Lan*, Lixiang Zhou. Cu(II) catalytic reduction of Cr(VI) by tartaric acid under the irradiation of simulated solar light. *Environmental Engineering Science*. 2014, 31 (8).
11. Jing Zhang, Ruimin Wang, Xiaoyan Cao, Ying Li, Yeqing Lan*. Preparation and characterization of activated carbons from peanut shell and rice bran and a comparative study for Cr(VI) removal from aqueous solution. *Water, Air, Soil & Pollution*. 2014, 225: 2032.
12. Feng Yang, Hui Li, Jing Zhang, Yeqing Lan*. Photoredox of Cr(III)–Malate Complex and Its Impacting factors. *Water, Air & Soil Pollution*. 2014, 225: 1875.
13. Hui Li, Jing Guo, Lijiao Yang, Yeqing Lan*. Degradation of methyl orange by sodium

- persulfate activated with zero-valent zinc. *Separation and purification Technology*. 2014, 132,168–173
14. 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*. 2014, 213, 10–14.
 15. Changyuan Yu, Jing Zhang, Xiaolei Wu, Yeqing Lan^{*}, Lixiang Zhou. Cr(VI) removal by biogenic schwertmannite in continuous flow column. *Geochemical Journal*. 2014, 47, 1–7.
 16. Na Chena, Yeqing Lan, Bo Wang, Jingdong Mao. Reduction of Cr (VI) by organic acids in the presence of Al (III). *Journal of Hazardous Materials*. 2013, 260, 150– 156.
 17. 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*. 2012, 243: 265– 271.
 18. Peng Zhou, Ying Li, Yuxiao Shen, Yeqing Lan^{*}, Lixiang Zhou. Facilitating role of biogenetic schwertmannite in the reduction of Cr(VI) by sulfide and its mechanism. *Journal of Hazardous Materials*. 2012, 237– 238: 194– 198.
 19. Danjun Jiang, Ying Li, Yong Wu, Pei Zhou, Yeqing Lan^{*}, Lixiang Zhou. Photocatalytic reduction of Cr(VI) by small molecular weight organic acids over schwertmannite. *Chemosphere*. 2012, 89: 832–837.
 20. 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*. 2012, 19: 2313–2320.
 21. 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*. 2011, 194: 290–296.
 22. Xinhua Cao, Jing Guo, Jingdong Mao, Yeqing Lan^{*}. Adsorption and mobility of Cr(III)–organic acid complexes in soils. *Journal of Hazardous Materials*. 2011, 192: 1533-1538.
 23. Runan Dai, Changyuan Yu, Jing Gou, Yeqing Lan^{*}, Jingdong Mao. Photoredox pathways of Cr(III)-tartrate complexes and their impacting factors. *Journal of Hazardous Materials*. 2011, 186: 2111-2116.
 24. 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*. 2011, 92: 1328-1333.
 25. 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*. 2011, 186: 2083-2088.
 26. Xianchao Gao, Feng Yang, Yeqing Lan^{*}, J.-D. Mao, Xinyan Duan. Rapid degradation of carbon tetrachloride by commercial micro-scale zinc powder assisted by citric acid. *Environmental Chemistry Letters*. 2011, 9: 431-438.
 27. Xiaofang Tian, Xianchao Gao, Feng Yang, Yeqing Lan^{*}, J-D Mao, Lixiang Zhou. Catalytic role of soils in the transformation of Cr(VI) to Cr(III) in the presence of organic acids containing α -OH groups. *Geoderma*.2010, 159: 270-275.
 28. Runan Dai, Changyuan Yu, Jing Liu, Yeqing Lan^{*}, and Baolin Deng. Photo-oxidation of Cr(III)-citrate complexes forms harmful Cr(VI). *Environmental Science and Technology*. 2010,44: 6959-6964.
 29. Jingdong Mao, Xiaowen Fang, Yeqing Lan, Arndt Schimmelmann, Maria Mastalerz, Ling Xu, Klaus Schmidt-Rohr. Chemical and nanometer-scale structure of kerogen and its change

during thermal maturation investigated by advanced solid-state ^{13}C NMR spectroscopy.
Geochimica et Cosmochimica Acta. 2010, 74: 2110–2127.