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教育背景

博士（化 学），慕尼黑工业大学技术化学系，2002
硕士（物理化学），南京大学化学化工学院，1992
学士（物理化学），南京大学化学化工学院，1989

工作经历

2006-至今 南京大学环境学院，博士生导师
2005-至今 南京大学环境学院，教授
2003-2005 南京大学环境学院，副教授
1994-1999 南京大学环境学院，讲师
1992-1994 南京大学环境学院助教
2004.12-2005.3 德国慕尼黑工业大学高级访问学者。
2003.8-2003.11 西藏大学理学院，南京大学－西藏大学对口援藏教学
1998-1999 英国纽卡斯尔大学土木工程系

主要研究方向

环境化学：环境催化、环境功能材料

近年主要研究项目

- 腐殖质在表面官能化的有序中孔SiO_2上的吸附机制研究，国家自然科学基金项目，主持
- 典型有机污染物和硝酸盐的光催化同步去除机制研究，国家自然科学基金项目，2007-2009，主持
- 土壤中持久性有机有毒污染物的迁移转化规律及对地下水的影响，国家自然科学基金重点项目，2007-2010，主研
- 农药工业园区资源循环利用关键技术开发及应用研究，国家科技支撑计划课题，2006-2010，主研

获奖及个人学术荣誉

- 2008，新世纪人才计划

代表论文

1. Yuxiang Han, Juan Zhou, Wenjuan Wang, Haiqin Wan*, Zhaoyi Xu, Shourong Zheng*, Dongqiang Zhu, Enhanced selective hydrodechlorination of 1,2-dichloroethane to ethylene on Pt-Ag/TiO_2 catalysts prepared by sequential photodeposition, *Appl. Catal. B: Environ.*, 2012, in press.
2. Fang Jiang, Shourong Zheng, Lichao An, Huan Chen, Effect of calcination temperature on the adsorption and photocatalytic activity of hydrothermally synthesized TiO_2 nanotubes, *Applied Surface Science*, 2012, **258**, 7188-7194.
3. Jingliang Liu, Enmin Zong, Heyun Fu, Shourong Zheng, Zhaoyi Xu*, Dongqiang Zhu, Adsorption of aromatic compounds on porous covalent triazine-based framework, *Journal of Colloid and Interface Science* 2012, **372**, 99–107.
4. Liyuan Li, Fang Jiang, Jingliang Liu, Haiqin Wan, Yuqiu Wan Shourong Zheng*, Enhanced photocatalytic reduction of aqueous Pb(II) over Ag loaded TiO_2 with formic acid as hole scavenger, *J. Environ. Sci. Heal. A: Toxic/Hazardous Substances Environ. Engineering*, 2012, **47**, 327-336.
5. Yuqiong Tang, Enmin Zong, Haiqin Wan, Zhaoyi Xu, Shourong Zheng, Dongqiang Zhu, Zirconia functionalized SBA-15 as effective adsorbent for phosphate removal, *Micropor. Mesopor. Mater.* 2012, **155**, 192-200.
6. Li Li-Yuan, Jiang Fang, Wan Haiqin, Xu Zhaoyi, Zheng Shourong*, TiO_2 nanosheet: Synthesis and photocatalytic performance for phenol degradation, *Chinese Journal of Inorganic Chemistry*, 2011, **27**, 1041-1046.
7. Yun Shao, Zhaoyi Xu, Haiqin Wan*, Yuqiu Wan, Huan Chen, Shourong Zheng*, Dongqiang Zhu, Enhanced liquid phase catalytic hydrodechlorination of 2,4-dichlorophenol over mesoporous carbon supported Pd catalysts, *Catal. Commun.* 2011, **12**, 1405-1409.
8. Huan Chen, Yun Shao, Zhaoyi Xu, Haiqin Wan, Yuqiu Wan, Shourong Zheng*, Dongqiang Zhu, Effective catalytic reduction of Cr(VI) over TiO_2 nanotube supported Pd catalysts, *Appl. Catal. B: Environ.*, 2011, **105**, 255-262.

9. Xiaolei Qu, Yingjie Zhang, Hui Li, Shourong Zheng, Dongqiang Zhu*, Probing the Specific Sorption Sites on Montmorillonite Using Nitroaromatic Compounds and Hexafluorobenzene, *Environ. Sci. Technol.* 2011, **45**, 2209–2216.

10. Fengling Liu, Zhaoyi Xu, Haiqin Wan, Yuqiu Wan, Shourong Zheng*, and Dongqiang Zhu, Enhanced Adsorption of Humic Acids on Ordered Mesoporous Carbon as Compared with Microporous Activated Carbon, *Environmental Toxicology and Chemistry,* 2011, **30**, 793–800.

11. Jiahong Wang, Shourong Zheng, Jingliang Liu, Zhaoyi Xu*, Tannic acid adsorption on amino-functionalized magnetic mesoporous silica, *Chemical Engineering Journal*, 2010, **165**, 10-16.

12. Ji Liangliang, Chen Wei, Bi Jun, Zheng Shourong, Xu Zhaoyi, Zhu Dongqiang*, Alvarez Pedro J., Adsorption of tetracycline on single-walled and multi-walled carbon nanotubes as affected by aqueous solution chemistry, *Environmental Toxicology and Chemistry,* 2010, 29, 2713–2719.

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14. Liangliang Ji, Yun Shao, Zhaoyi Xu, Shourong Zheng and Dongqiang Zhu*, Adsorption of Monoaromatic Compounds and Pharmaceutical Antibiotics on Carbon Nanotubes Activated by KOH Etching, *Environ. Sci. Technol.* 2010, **44**, 6429-6436.

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16. Liyuan Li, Zhaoyi Xu*, Fengling Liu, Yun Shao, Jiahong Wang, Haiqin Wan, Shourong Zheng*, Photocatalytic nitrate reduction over Pt-Cu/TiO_2 catalysts with benzene as hole scavenger, *J. Photochem. Photobio. A: Chem*., 2010, 212, 113-121.

17. Yun Shao, Zhaoyi Xu, Haiqin Wan, Huan Chen, Fengling Liu, Liyuan Li, Shourong Zheng*, Influence of ZrO_2 properties on catalytic hydrodechlorination of chlorobenzene over Pd/ZrO_2 catalysts, *Journal of Hazardous Materials B*, 2010, 179, 135-140.

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20. Qi Tao, Zhaoyi Xu, Jiahong Wang, Fengling Liu, Haiqin Wan, Shourong Zheng*, Adsorption of humic acid to aminopropyl functionalized SBA-15, *Micropor. Mesopor. Mater.*, 2010, **131**, 177-185.

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国家发明专利

1. 郭照冰，郑正，郑寿荣，马建军，胡文勇，赵翠萍，杨凯，唐登勇，帖进玺，一种HZSM-5沸石吸附分离硝基氯苯、硝基酚废水及资源回收的方法（专利号：ZL 03 1 52996.8)

2. 郭照冰，郑正，郑寿荣，江芳，唐登勇，袁守军，张继彪，陈立强，吴文继，氧化锑修饰的沸石吸附分离硝基氯苯废水及资源回收的方法（专利号：ZL 2004 10014258.3)

3. 郑正，郭照冰，郑寿荣，江芳，帖靖喜，唐登勇，周培国，袁守军，王艳锦，喻晓，陈立强，范杰，顾春辉，牟艳艳，程莹莹，张继彪，钟云，彭小成，用硅烷化修饰的沸石分离水体中硝基氯苯与资源回收的方法（专利号：ZL 2004 1 0065685.4)

4. 郑正，郑寿荣，江芳，郭照冰，袁守军，陈立强，范杰，帖靖喜，周培国，唐登勇，牟艳艳，张继彪，用沸石吸附分离硝基甲苯废水及资源回收的方法（专利号：ZL 200410065686.9)

5. 郑寿荣，陶琪，许昭怡，张利民，王志良，夏明芳，范杰，邵飞，张青梅，季必燕，一种去除水体中腐植酸类大分子污染物的方法（公开号：CN101062798A）

6. 焦少俊，郑寿荣，张洪昌，尹大强，张继彪，陈良燕，利用可见光照射降解水中四环素的方法(公开号：CN101113044A)

7. 焦少俊，郑寿荣，张继彪，尹大强，张洪昌，陈良燕，利用可见光照射降解水中土霉素的方法(公开号：CN101125692A)

8. 许昭怡，张青梅，郑寿荣，马菲菲，范杰，陶琪，季必燕，刘凤玲，李丽媛，顾浩，邵飞，水滑石在去除水中四环素方面的应用（公开号：CN101157489A）

9. 许昭怡，顾浩，郑寿荣，范杰，刘凤玲，李丽媛，刘景亮，穆容心，邢涛，王家宏，赵瑞东，一种分子筛负载的锆氧化物去除水中

氟离子的方法（专利号：ZL 200710302493.4）

10. 许昭怡，顾浩，郑寿荣，范杰，刘凤玲，李丽媛，刘景亮，穆容心，邢涛，王家宏，赵瑞东，一种负载镧的氧化物的氧化铝去除水中氟离子的方法（专利号：ZL 200810020740.6）

11. 郑寿荣，刘凤玲，许昭怡，吴铎，李丽媛，王家宏，顾浩，穆容心，邢涛，刘景亮，赵瑞东，一种吸附法去除水中四环素的方法（专利号： ZL 200810020992.9）

12. 郑寿荣，李丽媛，许昭怡，刘凤玲，顾浩，王家宏，邵芸，穆容心，邢涛，刘景亮，赵瑞东，唐玉琼，韩玉香，唐亮，宗恩敏，一种同时光催化降解苯和硝酸盐的催化剂（申请号：200810154962.7，公开号：CN101385981）

13. 许昭怡，王家宏，郑寿荣，刘凤玲，李丽媛，邵芸，顾浩，穆容心，邢涛，刘景亮，赵瑞东，胺基修饰的$Fe_3O_4@SiO_2$复合微粒处理水体中重金属离子的方法（专利号：ZL 200810154961.2）

14. 郑寿荣，陈欢，许昭怡，郑建中，李丽媛，劭芸，刘凤玲，王家宏，刘景亮，一种液相催化处理水体中溴酸盐的方法（申请号：200910032122.8，公开号：CN101585573）