


合肥学院研究生校内导师简介

姓名	刘伟	性别	男	
学历	研究生	学位	博士	
院系	能源材料与化工学院	专业技术职务及专家称谓	教授	
邮箱	liuwei0551@163.com		联系方式	18895688736
主要研究领域及方向	<p>主要从事碳/硅基材料及其在生态环境保护中的应用研究。</p> <p>1、无机纳米催化材料的制备</p> <p>2、环境污染物的光催化降解</p> <p>3、环境污染物的检测及光电性能</p>			
个人简历	<p>1998.09-2002.07 安徽师范大学，本科</p> <p>2006.09-2009.06 淮北师范大学，硕士</p> <p>2011.02-2014.06 东南大学，博士</p> <p>2014.06-至今，蚌埠学院</p>			
近五年主要科研项目	<p>2017年主持安徽省自然科学基金面上项目1项，2015年主持安徽省高等学校自然科学重点研究项目1项，2019年主持高校学科(专业)拔尖人才学术资助项目，2016年主持高校优秀青年人才支持计划重点项目2项。先后参与国家973计划资助项目1项，国家自然科学基金项目4项，教育部科学技术重点研究项目1项，其他省级项目6项。</p>			
主要成果(论文、著作、专利等)	<p>1. W. N. Hu, J. Liu, W. Liu*, et al., Significantly photoinduced synergy between sodium sulfite and ammonium nitrate and the mechanism study, <i>Water Sci. Technol.</i>, 2018, 2017(1): 77-86.</p> <p>2. W. N. Hu, F. Wu, W. Liu*, et al., Nitrate-induced Photodegradation of Colorants and the Corresponding Mechanisms Study, <i>J. Adv. Oxida. Technol.</i>, 2018, 21(1): 285-296.</p> <p>3. W. Liu, M. L. Wang, C. X. Xu, et al., Significantly enhanced visible-light photocatalytic activity of g-C₃N₄ via ZnO modification and the mechanism study, <i>J. Mol. Catal. A: Chem.</i>, 2013, 368-369: 9-15.</p>			

	<p>4. W. Liu, M. L. Wang, C. X. Xu, et al., Ag₃PO₄/ZnO: An efficient visible-light-sensitized composite with its application in photocatalytic degradation of Rhodamine B, Mater. Res. Bull., 2013, 48: 106-113.</p> <p>5. W. Liu, M. L. Wang, C. X. Xu, et al., One-Pot Synthesis of ZnO₂/ZnO Composite with Enhanced Photocatalytic Performance for Organic Dye Removal, J. Nanosci. Nanotech., 2013, 13: 657-665.</p> <p>6. W. Liu, M. L. Wang, C. X. Xu, et al., Facile synthesis of g-C₃N₄/ZnO composite with enhanced visible light photooxidation and photoreduction properties, Chem. Eng. J., 2012, 209: 386-393.</p> <p>7. S. F. Chen*, W. Liu*, H. Y. Zhang, et al., Photocatalytic decolorization of soluble dyes by a bis-ions coexistence system of NH₄⁺ and NO₃⁻ with high photoreduction ability, J. Hazard. Mater., 2011, 186 (2-3): 1687-1695.</p> <p>8. W. Liu, S. F. Chen, H. Y. Zhang, et al., Preparation, characterization of p-n heterojunction photocatalyst CuBi₂O₄/Bi₂WO₆ and its photocatalytic activities, J. Exp. Nanosci., 2011, 6 (2): 102-120.</p> <p>9. W. Liu, S. F. Chen, Visible-light Activity Evaluation of p-n Junction Photocatalyst NiO/TiO₂ Prepared by Sol-gel Method, Adv. Mater. Res., 2011, 152-153: 441-449.</p> <p>10. W. Liu, S. F. Chen, W. Zhao, et al., Preparation and characterization of p-n heterojunction photocatalyst Cu₂O/In₂O₃ and its photocatalytic activity under visible and UV light irradiation, J. Electrochem. Soc., 2010, 157 (11): H1029-H1035.</p> <p>11. W. Liu, S. F. Chen, S. J. Zhang, et al., Preparation and characterization of p-n heterojunction photocatalyst p-CuBi₂O₄/n-TiO₂ with high photocatalytic activity under visible and UV light irradiation, J. Nanopart. Res., 2010, 12 (4):1355-1366.</p> <p>12. W. Liu, S. F. Chen, W. Zhao, et al., Titanium dioxide mediated photocatalytic degradation of methamidophos in aqueous phase, J. Hazard. Mater., 2009, 164 (1): 154-160.</p> <p>13. W. Liu, S. F. Chen, W. Zhao, et al., Study on the photocatalytic degradation of trichlorfon in suspension of titanium dioxide, Desalination, 2009, 249 (3): 1288-1293.</p>
<p>获奖情况</p>	<p>荣获安徽省科学技术三等奖 1 项, 省级教学成果优秀奖 1 项, 安徽省自然科学优秀学术论文二等奖 1 项、三等奖 4 项, 指导学生荣获安徽省普通高等学校大学生竞赛二等奖。先后获得校级教学成果三等奖, 教学成果优秀奖和优秀共产党员等荣誉称号。</p>