**李红教授简介**



**李红**，1969年10月生，1993年毕业于华南师范大学，1990年获学士学位，1993年获硕士学位，并留校工作至今。2002年在中山大学获博士学位。2004年晋升为教授，2006年为博士生导师。经华南师范大学同意曾到武汉大学和厦门大学进行学术交流或访问研究。

近年来主要从事电化学、光电化学燃料电池、光电分析、有机污染物光电催化降解、生物无机化学等领域的基础理论及其应用研究。这也是目前感兴趣的研究领域。以通讯作者在《Biosensors and Bioelectronics》、《Journal of Power Sources》、《Electrochimica Acta》、《Sensors and Actuaors B-Chemical》、《Journal of Hazardous Materials》、《Inorganic Chemistry》等国际重要学术期刊上发表论文六十多篇。经常应邀为《Biosensors and Bioelectronics》、《Sensors and Actuaors B-Chemical》、《Journal of Hazardous Materials》、《Inorganic Chemistry》、《Polyhedron》等重要学术杂志审稿。

**代表论文：**

(1) Shuo-Jian Lu, Shi-Bo Ji, Jun-Chen Liu, **Hong Li\***, Wei-Shan Li, [Photoelectrocatalytic oxidation of glucose at a ruthenium complex modified titanium dioxide electrode promoted by uric acid and ascorbic acid for photoelectrochemical fuel cells](http://www.sciencedirect.com/science/article/pii/S0378775314014682), **J. Power Sources**, 273 (2015) 142-148.

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(4) Jun-Wen Wu, Wen-Jie Mei, Xue-Ping Chen, Jun-Chen Liu, **Hong Li\***, Fabrication and evaluation of [Ru(bpy)2(MPyTMPP)Cl]+-photoelectrocatalyzed TiO2/ITO anode and [Cu(phen)2Cl]+-electrocatalyzed SWCNTs/C cathode for photo-stimulated SO32−/H2O2 fuel cells, **Electrochim. Acta**, 103 (2013) 1–8.

(5) Guo Qing-Yu, Shao Jiangyang, Sun Ting, **Li Hong**\*, Lan Sheng, Xu Zheng-He, Electrochemical fabrication and potential-enhanced luminescence of [Ru(bpy)2tatp]2+ incorporating DNA-stabilized single-wall carbon nanotubes on an indium tin oxide electrode. ***Electrochim. Acta***, 2011, 56: 1432-1438.

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(7) Li Qian, **Li Hong**\*, Zhang Jin, Xu Zheng-He, A novel pH potentiometric sensor based on electrochemically synthesized polybisphenol A films at an ITO electrode. ***Sens. Actuaors B: Chem.***, 2011, 155: 730-736.



(8) ShaoJiang-Yang, SunTing, Ji Shi-Bo, **Li Hong**\*, Lan Sheng, Li Wei-Shan, Electrochemically tuned luminescence of a [Ru(bpy)2(tatp)]2+-sensitized TiO2 anode and its applications to photo-stimulated guanine/H2O2 fuel cells. ***J. Power Sources***, 160 (2011) 784-790.

(9) Zhang Jin, Li Qian, Chen Miao-Jing, **Li Hong**\*, Xu Zhenghe, Electrochemically monitoring the removal of bisphenol A based on its anodic deposition at an ITO electrode. ***Sens Actuators B: Chem****.*, 160 (2011) 784-790.



(10) Li Qian, **Li Hong**\*, Du Gui-Fen, Xu Zheng-He, Electrochemical detection of bisphenol A mediated by [Ru(bpy)3]2+ on an ITO electrode. ***J. Hazard. Mater.***, 2010, 180: 703-709. IF：4.679, 1区；

**科研项目：**

1. 主持国家自然科学基金面上项目“DNA介导钌配合物包覆纳米颗粒的新型光电复合材料研究”；
2. 主持教育部博士学科点基金项目“钌配合物标记DNA的电化学组装及光诱导电子转移”。