中文姓名

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Title	如：Professor	
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Education	2002.9-2005.6 Ph.D., Material Science Wuhan Technology University, Wuhan, China 1999.9-2002.6 M.Sc., Analytical Chemistry Nanyang Technology University, Singapore 1996.9-1999.7 M.Eng., Biomedical Engineering Southeast University, Nanjing, China 1992.8-1996.8 Technician, Department of Bioproducts Nanjing Police-dog Institute, Nanjing, China 1988.9-1992.7 B.Sc., Biology Northeast Forestry University, Haerbing, China	
Employment	2011.9- present, Professor University of Shanghai for Science and Technology, Shanghai, China 2003.3-2012.6, Associate Professor/Professor Zhejiang Normal University, Jinhua, China	
Teaching	如：General Chemistry	
Research Interests	My research interests are focused on nanomaterial-based electrocatalysis/photocatalysis and its applications in energy, enviroment, analysis and biomedicine. The recent research concerns about the synthesis of non-precious metal (Ni, Co, W, Mo) based nanocomposites like phosphide, nitride and carbide for the electrocatalytic production of hydrogen through water splitting or urea oxidation. These non-precious metal based nanocompounds are being explored their electrochemical performance for fuel cell and supercapacitance. Nearly 100 research papers have been published and two of them are ESI highly cited paper. There is one overview paper	

	publised in Chemical Reviews.
Research Projects	如： xxxx.xx-xxxx.xx, National Natural Science Foundation of China (NO. xxxxxxxx)
Publications 期刊论文	**1.** **Yuqing Miao**∗, Nongyue He and Jun-Jie Zhu. History and new developments of assays for cholinesterase activity and inhibition. Chemical Reviews 110 (2010) 5216-5234 **2.** Yanping Tian, Zhonghui Zhang, **Yuqing Miao**∗, Co-Te-Se Nano-compounds as electrocatalysts for hydrogen evolution reaction. Journal of The Electrochemical Society 163 (2016) H625-H629 **3.** Xiaocai Liang, Mingshu Xiao, Minglu Xu, Dazhang Yang, Yuhua Yan, Yanping Tian, **Yuqing Miao∗**. Simultaneous in situ formation of Ni-based catalysts at the anode for glycerol oxidation and at the cathode for hydrogen evolution. J. Appl. Electrochem. 46 (2016) 1-8 **4.** Mingshu Xiao, Rui Cheng, Meifeng Hao, Mao Zhou, and **Yuqing Miao***. Onsite substitution synthesis of ultrathin Ni nanofilms loading ultrafine Pt nanoparticles for hydrogen evolution. ACS Appl. Mater. Interf. 7 (2015) 26101-26107 **5.** Mingshu Xiao, Dazhang Yang, Yuhua Yan, Yanping Tian, Mao Zhou, Meifeng Hao, Rui Cheng, **Yuqing Miao***. Nanoplates and nanospheres of $Co_3(VO_4)_2$ as noble metal-free electrocatalysts for oxygen evolution. Electrochim. Acta. 180 (2015) 260-267 **6.** Mingshu Xiao, **Yuqing Miao***, Yanping Tian, Yuhua Yan. Synthesizing nanoparticles of Co-P-Se compounds as electrocatalysts for the hydrogen evolution reaction. Electrochim. Acta. 165 (2015), 206-210 **7.** Mingshu Xiao*, Yanping Tian, Yuhua Yan, Kai Feng, **Yuqing Miao***. Electrodeposition of $Ni(OH)_2$/NiOOH in the presence of urea for the improved oxygen evolution. Electrochim. Acta. 164 (2015), 196-202 **8.** Mingshu Xiao, Yuqing Miao*, Weiwei Li, Yang Yang, Xiaocai Liang, Onsite deposition of self-repairing biomimetic nanostructured Ni catalysts with improved electrocatalysis toward glycerol oxidation for H_2 production. Electrochim. Acta. 178 (2015), 209-216 **9.** Mingshu Xiao*, Xiaocai Liang, Weiwei Li, Yang Yang, **Yuqing Miao***. Synthesis of ultrafine Pt/Pd bimetallic nanoparticles and their decoration on MWCNTs for hydrogen evolution. J. Electrochem. Soc. 162 (2015) , H415-H418 **10.** **Yuqing Miao∗,** Lei Ouyang, Shilin Zhou, Lina Xu, Zhuoyuan Yang, Mingshu Xiao, Ruizhuo Ouyang∗， Electrocatalysis and electroanalysis of nickel, its oxides, hydroxides and oxyhydroxides toward small molecules. Biosens. Bioelectron. 53 (2014), 428-439 (ESI highly cited paper) **11.** Zhuoyuan Yang, **Yuqing Miao***, Tianrui Wang, Xiaocai Liang, Mingshu Xiao, Weiwei Li, Yang Yang. The self-adsorption of Ni ultrathin layer on glassy carbon surface and their electrocatalysis toward glucose. J. Electrochem. Soc. 161 (2014)

	H375-H378. **12.** Jiuyang Wu, **Yuqing Miao***, Xiaocai Liang, Zhuoyuan Yang, Yang Yang, Ruizhuo Ouyang*, Promotion effect of bismuth on nickel electrodeposition and its electrocatalysis to glucose oxidation. Electroanal. 26 (2014) 856-863 **13.** **Yuqing Miao***, Zhuoyuan Yang, Xiaoyan Liu, Lina Xu, Lei Ouyang, Yingying Gu, Haizhou Chang, Ruizhuo Ouyang*. Self-assembly of Bi^{III} ultrathin Layer on Pt surface for non-enzymatic glucose sensing. Electrochim. Acta 111 (2013) 621-626 **14.** **Yuqing Miao***, Jiuyang Wu, Shilin Zhou, Zhuoyuan Yang, Ruizhuo Ouyang. Synergistic effect of bimetallic Ag and Ni alloys on each other's electrocatalysis to glucose oxidation. J. Electrochem. Soc. 160 (2013) B47-B53. **15.** Ying Mu, Dongling Jia, Yayun He, **Yuqing Miao***, Hai-Long Wu. Nano NiO modified non-enzymatic glucose sensors with enhanced sensitivity through an electrochemical process strategy at high potential. Biosens. Bioelectron. 26 (2011) 2948-2952(ESI highly cited paper) **16.** Linfeng Sheng, Jiangtao Ren, **Yuqing Miao**, Jiahai Wang*, Erkang Wang, PVP-coated graphene oxide for selective detection of ochratoxin A via quenching fluorescence of free aptamer. Biosens. Bioelectron. 26 (2011) 3494-3499 **17.** Jian-Guo Guan*, **Yu-Qing Miao**, Jian-Rong Chen, Prussian Blue modified amperometric FIA biosensor: one-step immunoassay for alpha-fetoprotein, Biosens. Bioelectron. 19 （2004）789-794 **18.** Dongling Jia, Fenfen Li, Linfeng Sheng, Qiaoqiao Ren, Song Dong, Shanling Xu, Ying Mu, **Yuqing Miao***, Synthesis and assembly of ultrathin film of $Ni(OH)_2$ nanoparticles at gas/liquid interface , its high electrocatalytical oxidation toward bio-thiols and selective determination of cysteine. Electrochem. Commun. 13 (2011) 1119-1122 **19.** Kai Sun, Jingxia Qiu, Keming Fang, Wangyao Zhang, **Yuqing Miao***, Square wave voltammetry assay of organophosphorus inhibition on cholinesterase in two phases of isooctane/water. Electrochem. Commun. 11 (2009) 1022-1025 **20.** Huihui Wang, Shilin Zhou, Zhigang Wang, Shanling Xu, Song Dong, Yuqing Miao*. Electrochemical conversion of $Ni(OH)_2$ nanoparticle film into nickel hexacyanoferrate through a simple strategy of potential cycling. Electrochim. Acta 74 (2012) 201-206
Academic Service	FRSC, Fellow of the Royal Society of Chemistry Member of editorial board, Frontiers in Analytical Chemistry,

	Member, International Society of Electrochemistry Member of editorial board (2005-2010), Nanomedicine-UK Committee member, China Instrument and Control Society, Division of Chemical Sensors Member, Society for a comparative study of Chinese English and Chinese