

郭永 教授 博士

一、教师简介

郭永，男，汉族，1958年2月生，山西应县人，山西大同大学党委副书记，博士，教授，博士生导师，分析化学学术带头人，山西省中青年骨干教师。社会兼职主要有中国高等教育管理研究会常务理事，全国新世纪高等师范院校专业系列教材编委会委员，中国化学会会员，山西省委联系高级专家，山西省教学指导委员会成员，山西省普通高校教师高级职务评审委员会委员，山西省中小学教师名师培养计划专家委员会副主任委员。

1979年雁北师范专科学校毕业，2000年获河南师范大学化学与环境科学院硕士学位，2005年获西安交通大学材料科学与工程专业博士学位，先后在西北师范学院、兰州大学、天津大学等学校访问学习。1993年破格副教授，1997年破格晋升为教授。

长期从事分析化学、功能材料等领域的科学研究与教学工作，先后获山西省高等学校科技进步一等奖1项，二等奖2项，山西省教学成果二等奖1项，华夏医学科技奖2项，大同市科技进步三等奖1项。主持、参与国家自然科学基金面上项目3项、省部级项目9项。在国际重要学术期刊 *Electrochimica Acta*、*Journal of Power Sources*、*Journal of Materials Chemistry* 等以及国内核心期刊上发表学术论文150余篇，其中被SCI、EI收录90余篇。获国家发明专利授权3项。主编教材8部。

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二、学习工作经历（包括学术兼职）

2002/03 – 2005/04 西安交通大学 材料科学与工程 博士

1976/09 – 1979/07 雁北师范专科学校 化学系 理学学士

1979/12-至今 山西大同大学工作

三、科研成果

(一) 学术论文

2019 年发表论文：

1. Qiang Zhao, Kewei Wang, Junli Wang, **Yong Guo**, Akihiro Yoshida, Abuliti Abudula, Guoqing Guan, Cu₂O Nanoparticle Hyper-Cross-Linked Polymer Composites for the Visible-Light Photocatalytic Degradation of Methyl Orange, ACS Appl. Nano Mater. 2019, 2, 2706–2712
2. Zuopeng Li, Jianpeng Shang, Cai-na Su, San-bing Zhang, Mei-xia Wu, Yong Guo, Preparation of amorphous NiP-based catalysts for hydrogen evolution reactions, J Fuel Chem Technol, 2018, 46(4), 473-478.
3. Jinping Song, Xiaomin Liang, **Qi Ma***, Jinhui An, Feng Feng, Fluorescent boron and nitrogen co-doped carbon dots with high quantum yield for the detection of nimesulide and fluorescence staining, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2019, 216: 296-302.
4. Cunqin Lv, Jianhong Liu, Yong Guo, Guichang Wang. Selective hydrogenation of 1,3-butadiene over single Pt1/Cu(111) model catalysts: a DFT study. Applied surface science, 2019, 466: 946-955.

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5. (2) Jin-ping Song, Qi Ma*, Xiaomin Liang, Sufang Zhang, **Yong Guo**, Feng Feng*, A simple preparation method of carbon dots by weak power bathroom lamp irradiation and their application for nimesulide detection and bioimaging, RSC advance, 2018, 8: 36090-36095.
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11. Cunqin Lv, Jianhong Liu, **Yong Guo**, Xuemei Li, Guichang Wang. DFT + U investigation on the adsorption and initial decomposition of methylamine by a Pt single-atom catalyst supported on rutile (110)TiO₂. *Applied Surface Science*, 389: 411–418, 2016.

12. Zhao H. D., Liu R., **Guo Yong**, et al. Molten salt medium synthesis of wormlike platinum silver nanotubes without any organic surfactant or solvent for methanol and formic acid oxidation. *PCCP.*, 17: 31170-31176, 2015.

13. Qiang Zhao, Junli Wang, Zuopeng Li, Yongsheng Qiao, Chun Jin, **Yong Guo**. Preparation of Cu₂O/exfoliated graphite composites with high visible light photocatalytic performance and stability. *Ceramics International*, 42: 13273-13277, 2016.

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