王文泰副教授

发布者：刘桐 发布时间：2020-05-26 浏览次数： 6625

个人信息：

姓名：王文泰

●职称：副教授（英才三）

●Email：wentaiwang@ouc.edu.cn

●Tel: 0532-66783905

教育经历：

●2015.4——至今，中国海洋大学化学化工学院，英才三副教授

●2012.2——2015.3，School of Environmental Engineering, Griffith University
Queensland Micro- and Nanotechnology Centre，获博士学位

●2011.2——2012.2，School of Chemical & Petroleum Engineering, Curtin University，交流

●2008.9——2013.12，中国石油大学（华东）化学工程学院、重质油国家重点实验室，化学工程与技术专业，获工学博士学位

●2005.9——2008.6，中国海洋大学化学工程专业，获工学硕士学位

●2001.9——2005.6，青岛大学化学工程与工艺专业，获工学学士学位

研究兴趣

1.石墨烯、量子点等碳纳米材料的合成与应用

2.不同形貌纳米材料的设计、组装与应用

3.环境功能材料的开发及应用

代表性成果

承担项目：

1.国家自然科学基金青年基金项目（51602297），2017.1-2019.12，主持。

2.山东省重点研发计划（重大关键技术）（2016ZDJS11A04），2016.12-2018.12，技术负责人。

3.中国博士后科学基金第59 批面上资助项目（2016M590660），2016.4-2018.4，主持。

4.山东省博士后创新项目（201603043），2016.7-2018.6，主持。

5.*青岛市博士后人员应用研究项目*（201605040016），2015.10-2017.10，*主持。*

6.*中国海洋大学青年英才工程科研支持项目*（201612007），2015.10-2018.10，*主持。*

7.*海洋化学理论与工程技术教育部重点实验室自主科研基金*（201513036），2015.9-2017.9，*主持。*

论文：

1.Liang Wang, Bo Sun, **Wentai Wang***, Lijuan Feng, Qin Li and Chunhu Li, Modification of Bi_2WO_6 composites with rGO for enhanced visible light driven NO removal, Asia-Pacific Journal of Chemical Engineering, DOI: .1002/apj.2059

2.Ehsan Eftekhari, **Wentai Wang**, Xiang Li, Nikhil A, Zhiqing Wu, Robin Klein, Ivan S. Cole, Qin Li, Picomolar reversible Hg(II) solid-state sensor based on carbon dots in double heterostructure colloidal photonic crystals, Sensors and Actuators B: Chemical, 2017,240:204-211

3.**Wentai Wang**, TakKim, Zifeng Yan, GuangshanZhu, Ivan Cole, Nam-TrungNguyen and Qin Li,Carbon Dots Functionalized by Organosilane with Double-Sided Anchoring for Nanomolar Hg^{2+} Detection, Journal of Colloid and Interface Science, 2015, 437, 28-34.

4.**Wentai Wang**, Ehsan Eftekhari, Guangshan Zhu, Xiwang Zhang, Zi-Feng Yan and Qin Li, Graphene Oxide Membranes with Tunable Permeability due to Embedded Carbon Dots, Chemical Communications, 2014, 50, 13089-13092.

5.**Wentai Wang**, Sandip Chakrabarti, Zhigang Chen, Zifeng Yan, Moses O. Tade, Jin Zou and Qin Li, A Novel Bottom-up Solvothermal Synthesis of Carbon Nanosheets,Journal of Materials Chemistry A, 2014,2, 2390-2396.

6.**Wentai Wang**, Chunhu Li, Zifeng Yan, Study on Molding Semi-coke Used for Flue-gas Desulphurization, Catalysis Today, 2010, 158, 235-240.

7.Yuxin Zhao, **Wentai Wang**, Yanpeng Li, Ying Zhang, Zifeng Yan and Ziyang Huo, Hierarchical Branching Cu_2O Nanowires with Enhanced Photocatalytic Activity and Stability for H2 Production, Nanoscale, 2014, 6, 195-198.

8.Xue Yu, Junjie Shi, Liang Wang, **Wentai Wang**, Junjie Bian, Lijuan Feng, Chunhu Li, A novel Au NPs-loaded MoS_2/RGO composite for efficient hydrogen evolution under visible light, Materials Letters, 2016,182:125-128

9.Shaobin Wang, Choon Wei Ng, **Wentai Wang**, Qin Li and Liqing Li, A Comparative Study on the Adsorption of Acid and Reactive Dyes on Multiwall Carbon Nanotubes in Single and Binary Dye Systems, Journal of Chemical & Engineering Data, 2012, 57, 1563-1569.

10.Shaobin Wang, Choon Wei Ng, **Wentai Wang**, Qin Li, Zhengping Hao, Synergistic and competitive adsorption of organic dyes on multiwalled carbon nanotubes, Chemical Engineering Journal, 2012, 197, 34-40.

11.Chuanfu Wang, Xia Wu, Xiangping Li, **Wentai Wang**, Lianzhou Wang, Min Gu and Qin Li, Upconversion fluorescent carbon nanodots enriched with nitrogen for light harvesting, Journal of Materials Chemistry, 2012,22,15522-15525.

专利：

1.Qin Li, **Wentai Wang**, Sensor and Method for Detecting Mercury, *国际发明专利，*WO2016000031A1

2.*李春虎，王文泰，冯丽娟，侯影飞，于英民. 一种成型半焦*SO_2*和*NO*吸附催化剂及其制备方法,发明专利*: CN200810139810.X

地址：青岛市崂山区松岭路238号 ·邮编：266100 ·电话：0532-66782481 Email: hxhgxz@ouc.edu.cn

Copyright © 2004-2014 Ocean University of China. All rights reserved.