

首页 学院概况 机构设置 师资队伍 本科教育 研究生教育 科学研究 学生工作 党建工作 工会工作 实验室建设



## 师资队伍

当前位置: 首页 > 师资队伍 > 副教授 > 陈章贤

站内搜索 ...

教授

**副教授**

讲师

通知公告

师资文档

## 陈章贤

字号

打印

电子邮件地址

### 教师简介:

姓名 陈章贤  
 职称 副研究员, 硕士生导师  
 职务  
 所属系 化工工艺系  
 邮箱 zxchen@hfut.edu.cn  
 电话 0551-62901450



### 个人简历:

2015.11—至今, 合肥工业大学, 化学与化工学院化工工艺系, 副研究员  
 2014.01—2015.08, 新加坡国立大学, 化学系, 博士后研究员, 导师: 程寒松教授  
 2010.01—2014.01, 新加坡国立大学, 化学系, 理学博士, 导师: 许国勤教授、程寒松教授  
 2006.09—2009.06, 合肥工业大学, 化学与化工学院, 工学硕士, 导师: 张卫新教授  
 1999.09—2003.07, 南京工业大学, 化工学院, 工学学士

### 主要研究领域、方向:

密度泛函理论计算、纳米材料、表面催化反应

### 研究成果(代表性成果):

在NanoRes.、J. Phys. Chem. C、Phys. Chem. Chem. Phys.等期刊发表学术论文十余篇, 其中第一作者论文7篇, 申请美国专利2项。

### 目前承担科研项目:

### 获奖及专利情况:

2011安徽省第三届优秀硕士学位论文  
 2000-2003 校二等奖学金四项

### 著作论文(代表作):

1、Zhangxian Chen, Yongjie Xu, Liang Huang, Wanchao Li, Ran Li, Guoqin Xu\*, Hansong Cheng\*. A Novel Surface Modification Scheme for ITO Nanocrystals by Acetylene: A Combined Experimental and DFT Study. Phys. Chem. Chem. Phys., 2015, 17, 26740-26744.

## 快速导航

==== 科研网站 ==== ▼

==== 教育网站 ==== ▼

==== 友情链接 ==== ▼

师资队伍

学院信箱

文档下载

- 2、Zhangxian Chen, Liang Huang, Yongjie Xi, Ran Li, Wanchao Li, GuoqinXu\*, Hansong Cheng\*. Geometrical Structures, Electronic and Transport Properties of a Novel Two-Dimensional  $\beta$ -GaS Transparent Conductor. *Nano Res.*, 2015, 8, 3177-3185.
- 3、Zhangxian Chen, Liang Huang, Qingfan Zhang, Yongjie Xi, Ran Li, Wanchao Li, GuoqinXu\*, Hansong Cheng\*. Electronic Structures and Transport Properties of n-Type-Doped Indium Oxides. *J. Phys. Chem. C*, 2015, 119, 4789-4795.
- 4、Zhangxian Chen, Qingfan Zhang, Liang Huang, Ran Li, Wanchao Li, GuoqinXu\*, Hansong Cheng\*. Surface Modification of ITO Nanoparticles by Trimesic Acid: A Combined Experimental and DFT Study. *J. Phys. Chem. C*, 2014, 118, 21244-21249.
- 5、Zhangxian Chen, Wanchao Li, Ran Li, Yunfeng Zhang, GuoqinXu\*, Hansong Cheng\*. Fabrication of Highly Transparent and Conductive Indium-Tin Oxide Thin Films with a High Figure of Merit via Solution Processing. *Langmuir*, 2013, 29, 13836-13842.
- 6、Weixin Zhang\*, Zhangxian Chen, Zeheng Yang. An Inward Replacement/etching Route to Synthesize Double-walled Cu<sub>7</sub>S<sub>4</sub>Nanoboxes and Their Enhanced Performances in Ammonia Gas Sensing. *Phys. Chem. Chem. Phys.*, 2009, 11, 6263-6268.
- 7、Zhangxian Chen, Weixin Zhang\*, Zeheng Yang. Synthesis and Ammonia Sensing Property of Ag<sub>3</sub>CuS<sub>2</sub>Nanocages Obtained from Cu<sub>7</sub>S<sub>4</sub> 18-facet Hollow Nanopolyhedra. *J. Cryst. Growth*, 2009, 311, 3347-3351.
- 8、Yongjie Xi, Zhangxian Chen, Vincent Gan Wei Kiat, Liang Huang, Hansong Cheng\*. On the Mechanism of Catalytic Hydrogenation of Thiophene on Hydrogen Tungsten Bronze. *Phys. Chem. Chem. Phys.*, 2015, 17, 9698-9705.
- 9、Jing Li, WeiweiCai, Liying Ma, Yunfeng Zhang, Zhangxian Chen, Hansong Cheng\*. Towards Neat Methanol Operation of Direct Methanol Fuel Cells: A Novel Self-Assembled Proton Exchange Membrane. *Chem. Commun.*, 2015, 51, 6556-6559.
- 10、Jing Li, WeiweiCai, Yunfeng Zhang, Zhangxian Chen, GuodongXu, Hansong Cheng\*. Novel Polyamide Proton Exchange Membranes with Bi-Functional Sulfonimide Bridges for Fuel Cell Applications. *Electrochim. Acta*, 2015, 151, 168-176.
- 11、Yunfeng Zhang, Ting Joyceclyn Woo Yun, RupeshRohan, WeiweiCai, Jing Li, GuodongXu, Zhangxian Chen, An Lin, Hansong Cheng\*. Fabrication of a Proton Exchange Membrane via Blended Sulfonimide Functionalized Polyamide. *J. Mater. Sci.*, 2014, 49, 3442-3450.
- 12、Yunfeng Zhang, GuodongXu, Yubao Sun, Bo Han, TegulBudiono W.T., Zhangxian Chen, RupeshRohan, Hansong Cheng\*. A Class of sp<sup>3</sup> Boron-based Single-ion Polymeric Electrolytes for Lithium Ion Batteries. *RSC Adv.*, 2013, 3, 14934-14937.
- 13、Mei Kong, Weixin Zhang\*, Zeheng Yang, ShaoyingWeng, Zhangxian Chen. Facile Synthesis of Cu<sub>0</sub> Hollow Nanospheres Assembled by Nanoparticles and Their Electrochemical Performance. *Appl. Surf. Sci.*, 2011, 258, 1317-1321.

---

阅读 5561 次数

---

更多: « 吴祥 冉瑾 »

---