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### 教育背景

1985.09–1989.07 厦门大学物理系 学士  
1996.09–1999.07 福州大学化学系 博士

### 工作经历

1995.10–2001.06 华侨大学材料物化所 助理研究员  
2001.06–2004.07 华侨大学材料物化所、材料学院 副研究员  
2004.07– 华侨大学材料学院, 教授, 2005.09起任博士生导师, 2008.07-2012.08 材料学院副院长

### 研究兴趣

(1) 纳米片层复合材料的组装与光电功能特性 利用二维纳米片层独特的光电功能和化学性质, 发展材料的微纳加工技术及纳米材料的复合组装新技术, 致力于开发光电能源转换、环境净化、LED发光等新材料。  
(2) 能源转换与储存材料的设计制备与性能研究 以开发超级电容器、锂电池等储能系统为目标, 开展电极材料及器件研究, 发展新型能源转换与储存材料制备的新方法与新技术。  
(3) 精细化学品的开发与应用 结合实际应用, 利用模板作用和微纳加工技术, 致力于智能敏感材料、多孔材料、分离吸附材料、催化材料、功能聚合物材料等精细化学品的开发与应用研究。

### 承担的主要科研项目

- ◆ 基于纳米二氧化锡/低维纳米碳材料复合的氢气快速敏感材料的研制(2014H0028), 福建省科技重点项目, 项目负责人
- ◆ 钛酸盐纳米片层/石墨烯复合材料的组装及其光催化性能研究(2014J01187), 福建省自然科学基金项目, 项目负责人
- ◆ 掺杂钨钨酸盐插层介孔材料的制备及其可见光光催化性能(201001040), 福建省自然科学基金项目, 项目负责人
- ◆ 剥离-重堆垛法构筑氧化物半导体介孔光催化材料(50872037), 国家自然科学基金项目, 项目负责人
- ◆ 半导体基孔性复合材料的组装与性能(NCETFJ-06FJRC01), 福建省高等学校新世纪优秀人才支持计划, 项目负责人
- ◆ 层柱金属硫化物—新型多孔复合材料的研究(50172016), 国家自然科学基金项目, 项目负责人
- ◆ 半导体纳米插层复合材料研究(2004HZ04-4), 福建省科技重大项目, 项目负责人
- ◆ 金属氧簇基配位聚合物的组装及催化性能研究(E0420001), 福建省自然科学基金重点项目, 项目负责人
- ◆ 多酸化合物光氧化催化材料的研究(D0010010), 福建省自然科学基金项目, 项目负责人
- ◆ 碱卤化物F<sub>2</sub><sup>+</sup>型色心激光晶体的双线纵向激励研究(A94015), 福建省自然科学基金项目, 项目负责人
- ◆ 层状铈(钼)钨酸光催化纳米复合材料研究 (50082003), 国家自然科学基金资助项目
- ◆ 铈(钼)钨酸光催化纳米复合材料研究(E9920001), 福建省自然科学基金资助重点项目
- ◆ 钼钨金属冠醚及异金属冠醚研究(29771007), 国家自然科学基金资助项目
- ◆ 掺杂稀土转化发光晶态材料的可控制备及在染料敏化太阳能电池的应用(90922028), 国家自然科学基金重大研究计划
- ◆ 高性能硬质合金粉末材料新技术及设备的开发(2007BAE05B01), 国家科技支撑计划项目

### 代表性学术论文

已发表SCI收录的学术论文130余篇, 近期主要论文:

- ◆ Bingjie Lv, Peipei Li, Yan Liu, Shanshan Lin, Bifen Gao, **Bizhou Lin\***, Nitrogen and phosphorus co-doped carbon hollow spheres derived from polypyrrole for high-performance supercapacitor electrodes, *Applied Surface Science*, 2018, 437, 169–175.
- ◆ Yan Liu, Bingjie Lv, Peipei Li, Yilin Chen, Bifen Gao, **Bizhou Lin\***, Biotemplate-assisted hydrothermal synthesis of tubular porous Co<sub>3</sub>O<sub>4</sub> with excellent charge-discharge cycle stability for supercapacitive electrodes, *Mater. Lett.*, 2018, 210, 231–234.
- ◆ Qiongjun Liu, Yan Liu, Bifen Gao, Yilin Chen, **Bizhou Lin\***, Hydrothermal synthesis of In<sub>2</sub>O<sub>3</sub>-loaded BiVO<sub>4</sub> with exposed {010}{110} facets for enhanced visible-light photocatalytic activity, *Mater. Res. Bull.*, 2017, 87, 114–118.
- ◆ Weiwei Yang, **Bizhou Lin\***, Qianru Yao, Guohua Zhang, Shaofeng Jiang, Trititanate-nanosheet incorporated hydrogel: Self-initiated photo-polymerization and application in photodegradation of methylene violet, *Polymer Composites*, 2016, 37, 2811–2819.
- ◆ Yanqiang Qiu, **Bizhou Lin\***, Fangcao Jia, Yilin Chen, Bifen Gao, Peide Liu, CdS-pillared CoAl-layered double hydroxide nanosheets with superior

photocatalytic activity, *Mater. Res. Bull.*, 2015, 72, 235–240.

- ◆ Guohua Zhang, **Bizhou Lin\***, Yanqiang Qiu, Liwen He, Yilin Chen, Bifen Gao, Highly efficient visible-light-driven photocatalytic hydrogen generation by immobilizing CdSe nanocrystals on ZnCr-layered double hydroxide nanosheets, *Int. J. Hydrogen Energy*, 2015, 40, 4758–4765.
- ◆ Guohua Zhang, **Bizhou Lin\***, Weiwei Yang, Shaofeng Jiang, Qianru Yao, Yilin Chen, Bifen Gao, Highly efficient photocatalytic hydrogen generation by incorporating CdS into ZnCr-layered double hydroxide interlayer, *RSC Advances*, 2015, 5, 5823–5829.
- ◆ **Bizhou Lin\***, Ping Sun, Yi Zhou, Shaofeng Jiang, Bifen Gao, Yilin Chen, Interstratified nanohybrid assembled by alternating cationic layered double hydroxide nanosheets and anionic layered titanate nanosheets with superior photocatalytic activity, *J. Hazard. Mater.*, 2014, 280, 156–163.
- ◆ Bolin Zhu, **Bizhou Lin\***, Yi Zhou, Ping Sun, Qianru Yao, Yilin Chen, Bifen Gao, Enhanced photocatalytic H<sub>2</sub> evolution on ZnS loaded with graphene and MoS<sub>2</sub> nanosheets as cocatalysts, *J. Mater. Chem. A*, 2014, 2, 3819–3827.
- ◆ **Bizhou Lin\***, Baihuan Xu, Yi Zhou, Bolin Zhu, Yilin Chen, Bifen Gao, Heterostructured SnO<sub>2</sub>-pillared Co-doped tantalotungstate with high photocatalytic activity under visible-light irradiation, *Mater. Chem. Phys.*, 2013, 142, 651–658.
- ◆ Xiaorong Fan, **Bizhou Lin\***, Hong Liu, Liwen He, Yilin Chen, Bifen Gao, Remarkable promotion of photocatalytic hydrogen evolution from water on TiO<sub>2</sub>-pillared titanoniobate, *Intern. J. Hydrogen Energy*, 2013, 38, 832–839.
- ◆ Hong Liu, **Bizhou Lin\***, Liwen He, Hu Qu, Ping Sun, Bifen Gao, Yilin Chen, Mesoporous cobalt-intercalated layered tetratitanate for efficient visible-light photocatalysis, *Chemical Engineering Journal*, 2013, 215, 396–403.
- ◆ Hu Qu, **Bizhou Lin\***, Liwen He, Xiaorong Fan, Yi Zhou, Yilin Chen, Bifen Gao, Electrochemical and photoelectrocatalytic properties of TaWO<sub>6</sub> nanosheet film, *Electrochimica Acta*, 2013, 87, 724–729.
- ◆ Ou Zhang, **Bi-Zhou Lin\***, Yi-Lin Chen, Bi-Fen Gao, Li-Mei Fu, Bin Li, Electrochemical and photoelectrocatalytic characteristics of TiNbO<sub>5</sub> nanosheet films, *Electrochimica Acta*, 2012, 81, 74–82.
- ◆ Li-Mei Fu, **Bi-Zhou Lin\***, Yi-Lin Chen, Ou Zhang, Bin Li, Hu Qu, La<sub>0.90</sub>Dy<sub>0.05</sub>Nb<sub>2</sub>O<sub>7</sub> nanosheet phosphor and its multilayer films with enhanced host excitation-mediated photoluminescence, *J. Alloys and Compounds*, 2012, 525, 14–21.
- ◆ **Bi-Zhou Lin\***, Xiao-Li Li, Bai-Huan Xu, Yi-Lin Chen, Bi-Fen Gao, Xiao-Rong Fan, Improved photocatalytic activity of anatase TiO<sub>2</sub>-pillared HTaWO<sub>6</sub> for degradation of methylene blue, *Microporous Mesoporous Mater.*, 2012, 155, 16–23.
- ◆ Bai-Huan Xu, **Bi-Zhou Lin\***, Qin-Qin Wang, Ou Zhang, Li-Mei Fu, Hong Liu, Anatase TiO<sub>2</sub>-pillared hexaniobate mesoporous nanocomposite with enhanced photocatalytic activity, *Microporous Mesoporous Mater.*, 2012, 147, 79–85.
- ◆ Xue-Tao Pian, **Bi-Zhou Lin\***, Yi-Lin Chen, Ji-Dong Kuang, Ke-Zhi Zhang, Li-Mei Fu, Pillared nanocomposite TiO<sub>2</sub>/Bi-doped hexaniobate with visible-light photocatalytic activity, *J. Phys. Chem. C*, 2011, 115, 6531–6539.
- ◆ Xiao-Li Li, **Bi-Zhou Lin\***, Bai-Huan Xu, Zhi-Jian Chen, Qin-Qin Wang, Ji-Dong Kuang, Hai Zhu, Preparation and characterization of mesoporous SnO<sub>2</sub>-pillared HTaWO<sub>6</sub> with enhanced photocatalytic activity, *J. Mater. Chem.*, 2010, 20, 3924–3931.
- ◆ Qin-Qin Wang, **Bi-Zhou Lin\***, Bai-Huan Xu, Xiao-Li Li, Zhi-Jian Chen, Xue-Tao Pian, Preparation and photocatalytic properties of mesoporous SnO<sub>2</sub>-hexaniobate layered nanocomposite, *Micropor. Mesopor. Mater.*, 2010, 130, 344–351.
- ◆ **Bi-Zhou Lin\***, Li-Wen He, Bai-Huan Xu, Xiao-Li Li, Zhen Li, Pei-De Liu, Two polyoxophosphotungstates formed by Wells–Dawson cores linked through W–O–W linkages, *Crystal Growth & Design*, 2009, 9, 273–281.

#### 学术兼职与社会服务

福建省特种材料重点实验室(厦门大学)学术委员会委员

福建省化学会理事

泉州市化学化工学会第四届理事会常务理事

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