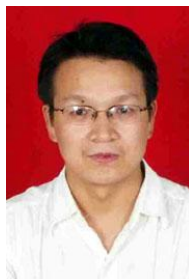


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### 所受教育

学士（1999年）安徽师范大学

硕士（2008年）安徽师范大学

### 研究领域

1. 功能配位化学
2. 结构化学
3. 量子化学

### 讲授课程

1. 结构化学
2. 综合化学实验

### 获奖与荣誉

1. 2015年安徽省科学技术奖三等奖（排名第二）
2. 2012年安庆师范学院科研先进个人
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### 研究项目

1. 安徽高校自然科学研究重点项目 1项(KJ2017A347)（主持）
2. 安徽高校省级优秀青年人才基金重点项目 1项(2010SQRL108ZD)（主持）
3. 国家自然科学基金项目 2项(20971004 和 21407004)（参与）

### 发表论文

1. **Huang RY\***, Jiang H, Zhu CH, Xu H\*. Dicarboxylate ligands–modulated assembly of luminescent zinc(II)–MOFs with in situ formed tetrazole ligand: An experimental and theoretical study. *RSC Advances*, 2016, 6, 3341-3349.
2. Xu H\*, Bao GL, Zhu CH, Sun JY, **Huang RY\***. An unprecedented self-penetrating Cu(I)-MOF based on a

new 1D<sub>meso-ladder</sub>+2D<sub>meso-layer</sub>→3D polycatenation subnet showing luminescent sensing for nitrobenzene, *Inorg. Chem. Commun.*, 2016, 69, 75-78.

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4. Zhang YF, **Huang RY\***, Wang JW, Kong XJ. Composition-dependent association behavior in the mixture of isopropanol and trichloromethane: A volumetric, vibration spectroscopic and quantum chemical study. *RSC Advances*, 2015, 5, 63719 - 63725.
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6. **Huang RY\***, Xue C, Xu H, Wu GH. Synthesis, crystal structure and fluorescence of a new 3D Nd(III) coordination polymer based on the pyridine-3,5-dicarboxylate and *in situ* generated oxalate ligand. *Synth. React. Inorg. Met.-Org. Chem.*, 2015, 45, 1368-1372.
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8. Xu H, Xue C, **Huang RY**. Synthesis, characterization, and theoretical calculations of Cd(II) complex based on 8-aminoquinoline ligand. *Synth. React. Inorg. Met.-Org. Chem.*, 2015, 45, 1565-1569.
9. **Huang RY\***, Xue C, Zhu CH, Wang ZQ, Xu H, Ren XM\*. Charge-transfer metal-organic frameworks based on CuCN architecture units: crystal structures, luminescence properties and theoretical investigations. *RSC Advances*, 2014, 4, 61200-61209.
10. Zhang YF, **Huang RY\***, Wang JW, Geng TM, Zhao SP, Wu GH. Experimental and computational investigation of intermolecular interactions in cyclopentanone with methanol mixture. *Chem. Phys. Lett.*, 2014, 612, 223-228.
11. **Huang RY\***, Wang JW, Xue C, Zhao SP, Xu H\*. Two-level hierarchical entangled framework in a novel copper(I) coordination polymer with multiform helical features and unprecedented self penetrated subnet. *Inorg. Chem. Acta*, 2014, 423, 133-138.
12. Xue C, Xu H\*, **Huang RY**, Ren XM\*. Mutual transformation between crystalline phases and dielectric properties of coordination polymers with formula of [Cd(N-methylimidazole)<sub>2</sub>(H<sub>2</sub>O)<sub>x</sub>(glutarate)]·nH<sub>2</sub>O (x = 0 or 1; n = 0 or 4). *CrystEngComm*, 2014, 42, 9857-9865.
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  27. Liu GX\*, Xu YY, **Huang RY**, Ren XM. Hydrothermal synthesis, crystal structure and photoluminescence of a novel three-dimensional zinc(II) complex: [Zn<sub>2</sub>(OH)(pyim)(BIPA)]<sub>n</sub>. *Chin. J. Inorg. Chem.*, 2010, 26(8), 1477-1481
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#### 发明专利:

1. 一种基于柔性双三唑配体的 CuCN 配合物及其制备方法 (专利号 ZL 2013 1 0548449.7)
2. 一种亚铜配合物晶态材料及其制备方法 (专利号 ZL 2014 1 0044152.1)