

## 鄂尔多斯应用技术学院化学工程系教师简历

### 基本信息:

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研究方向: 1. 功能配合物; 2. 非均相催化剂



### 科研成果:

#### 发表论文:

1. **Shu Sun**, Chen Sanping, Gao Shengli. Inclusion cages constructed from trinuclear linear  $Zn^{II}/Co^{II}$  building blocks. *J Coord. Chem.* 2008, 61, 2068.
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3. Chen Sanping, **Shu Sun**, Gao Shengli. Synthesis and structural determination of three metal-organic frameworks in a Co-3-amino-1,2,4-triazole system. *Inorganica chimica acta*. 2009. 362. 3043.
4. **Shu Sun**, Li-Juan Liu, Wang-Yang Ma, Wei-Xia Zhou, Jun Li, Feng-Xing Zhang. Three complexes of Cu(I) cluster with flexible and rigid ligands: Synthesis, characterization and photoluminescent properties. *Journal of Solid State Chemistry*. 2015, 225, 1.
5. Zengqi Zhang, Jun Li, Yahong Yao, **Shu Sun**. Permanently Porous Co(II) Porphyrin-Based Hydrogen Bonded Framework for Gas Adsorption and Catalysis. *Cryst. Growth Des.*, 2015, 15, 5028–5033.
6. Qiong Yu, Wei-Xia Xu, Ya-Hong Yao, Zeng-Qi Zhang, **Shu Sun**, Jun Li. Synthesis and photodynamic activities of a new metronidazole-appended porphyrin and its Zn(II) complex. *Journal of Porphyrins and Phthalocyanines*. 2015, 19:10, 1107-1113.
7. **Shu Sun**, Mi Pan, Xiaodong Hu, Weihao Shao, Jun Li, Fengxing Zhang. Mn(III)(Porphyrin)-Based Porous Coordination Polymers: Synthesis, Catalytic Activities for the Oxidation of Ethylbenzene. *Catal. Lett.*, 2016, 146, 1087-1098.
8. **Shu Sun**, Qiong Yu, Wei Zhang, Xin Zhao, Jun Li, Fengxing Zhang. Metalloporphyrin-Based Porous Coordination Polymers: Synthesis, Served as Heterogenous Catalysts and Dye Scavengers. *Catal. Lett.*, 2017, 147, 228-239.
9. 孙树, 赵心川, 李珺\*, MnP-CuI 配位聚合物作为催化剂对乙基苯氧化的催化活性研究. 2017 中国化学会第四届卟啉与酞菁学术研讨会 (会议论文).
10. Jiajia Yi, **Shu Sun**, Zhonglu Li, Xuyun Gao, Xuzhuo Sun, Ning Wang, Jun Li. Pyridinium - functionalized metalloporphyrins as bifunctional catalysts for cycloaddition of epoxides and carbon dioxide. *Appl Organometal Chem*. 2020, 34(3), e5382.

#### 科研项目:

1. 主持内蒙古自治区自然科学基金项目一项:《金属卟啉-CuI 簇配位聚合物作为多相催化剂的设计与光催化性质》, NO: 2016MS0205。