

Chia-Her Lin

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Inorganic chemistry, Solid state chemistry, Material chemistry, hydrothermal synthesis, Porous materials



◆ Research Interests

- ◆ Crystalline porous materials

◆ Selected Publications

- ◆ Yu-Ting Huang, Yu-Lun Lai, **Chia-Her Lin***, and Sue-Lein Wang*, “Direct Use of Waste PET as Unfailing Source of Organic Reagents in the Synthesis of Intrinsic White/Yellow Luminescent Nanoporous Zincophosphates” *Green Chem.*, **2011**, 2000. (IF, 5.472)
- ◆ Sheng-Han Lo, Hsin-Kuan Liu, Jun-Xiang Zhan, Wei-Cheng Lin, Ching-Che Kao, **Chia-Her Lin,*** and Vítězslav Zima, “Assembly of a Water-Insoluble Strontium Metal-Organic Framework with Luminescent Properties” *Inorg. Chem. Commun.*, **2011**, 14, 1602. (IF, 1.974)
- ◆ Jia-Ying Li, Chen-Yu Li, Wan-Ju Tai, **Chia-Her Lin*** and Bao-Tsan Ko*, “Synthesis and structural characterization of zinc complexes supported by amino-benzotriazole phenoxide ligands: Efficient catalysts for ring-opening polymerization of ϵ -caprolactone and γ -butyrolactone” *Inorg. Chem. Commun.*, **2011**, 14, 1140. (IF, 1.974)
- ◆ Po-Ching Liang, Hsin-Kuan Liu, Chun-Ting Yeh, **Chia-Her Lin,*** and Vítězslav Zima, “Supramolecular Assembly of Calcium Metal-Organic Frameworks with Structural Transformations” *Cryst. Growth Des.*, **2011**, 11, 699–708. (IF, 4.389)
- ◆ Hsin-Kuan Liu, Tai-Hsing Tsao, **Chia-Her Lin,*** and Vítězslav Zima, “Direct-Mixing Assembly of a Magnesium Coordination Complex as Recyclable Water Adsorbent” *CrystEngComm*, **2010**, 10, 1044. (IF, 4.006)
- ◆ Hsin-Kuan Liu, Tai-Hsing Tsao, Ya-Ting Zhang, and **Chia-Her Lin***, “Microwave Synthesis and Single-Crystal-to-Single-Crystal Transformation of Magnesium Coordination Polymers Exhibiting Selective Gas Adsorption and Luminescence Properties” *CrystEngComm*, **2009**, 9, 1462. (IF, 4.006)

◆ Recent Research Projects

- ◆ “Synthesis, structures, and characterizations of metal-organic frameworks by groups (II) and (III) metal ions” sponsored by National Science Council (2010.08 ~ 2012.07)
- ◆ “Syntheses and properties characterizations of porous inorganic-organic hybrid solids” sponsored by National Science Council (2008.08 ~ 2010.07)