

CrystEngComm

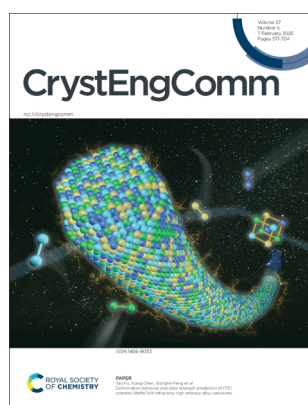
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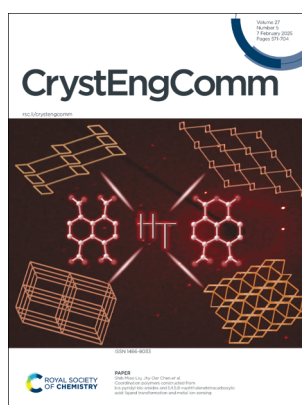
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Cover
See Tao Fu, Xiang Chen, Xianghe Peng *et al.*, pp. 596–605.
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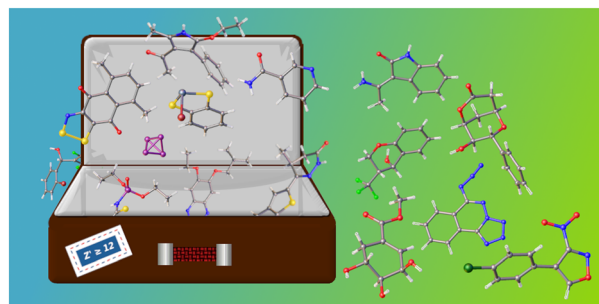
Inside cover
See Jhy-Der Chen *et al.*, pp. 606–615.
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HIGHLIGHT

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A lot to unpack: a decade in high Z' crystal structures

Paul G. Waddell*

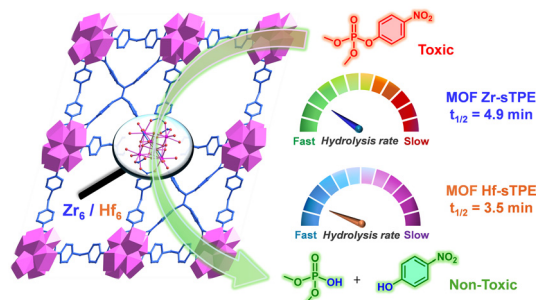


COMMUNICATION

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Fast degradation of a nerve agent simulant catalyzed by two isorecticular 6-connected Zr_6 and Hf_6 cluster based metal-organic frameworks

Yun Chen, Li Fan, Haibo Wang, Anqiu Ma, Chenxin Jiang, Qiu-Yan Li,* Xinsheng Zhao, Yong-Chao Zheng,* Yuan Ma* and Xiao-Jun Wang*



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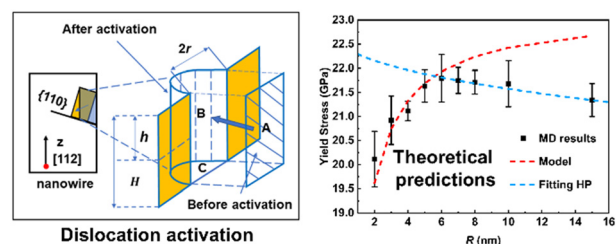
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Fundamental questions
Elemental answers

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Deformation behavior and yield strength prediction of [112] oriented NbMoTaW refractory high entropy alloy nanowires

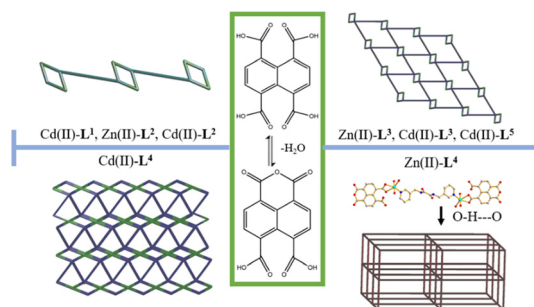
Taozhi Tian, Tao Fu,* Mengye Duan, Hao Hu, Chuanying Li, Xiang Chen* and Xianghe Peng*



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Coordination polymers constructed from bis-pyridyl-bis-amides and 1,4,5,8-naphthalenetetracarboxylic acid: ligand transformation and metal ion sensing

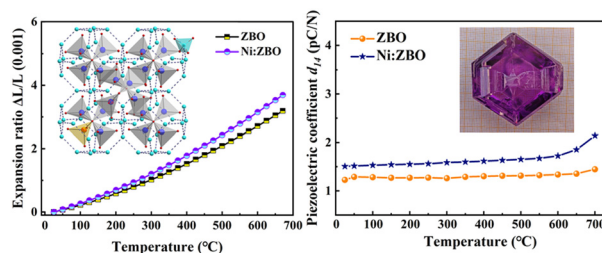
Wei-Hao Chen, Yen-Hsin Chen, Kedar Bahadur Thapa, Shih-Miao Liu* and Jhy-Der Chen*



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Single crystal growth, characterization, piezoelectric properties, and spectral analysis for $Zn_4B_6O_{13}$ and Ni:Zn $_4$ B $_6$ O $_{13}$ crystals

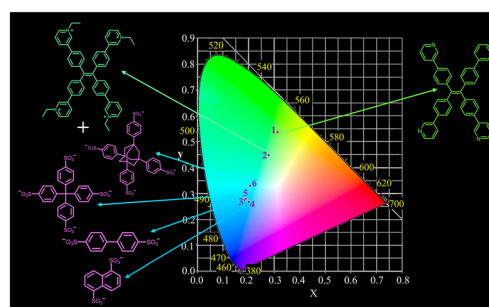
Jipeng Wu, Nianlong Zhang, Hengyuan Zhang, Feifei Chen,* Li Sun, Xiufeng Cheng and Xian Zhao*



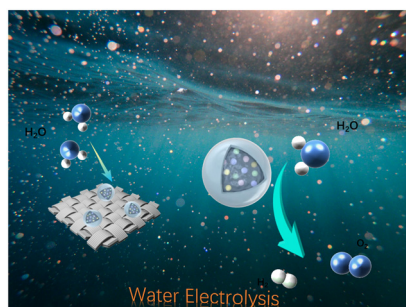
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Tetraphenylethylene-based blue light-emitting organic salt crystals

Huifen Hu, Yukun Yan, Chengling Yang* and Wei Wang*



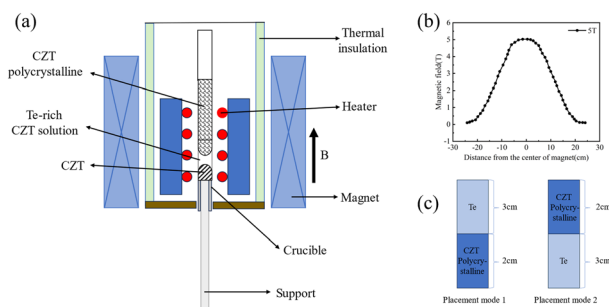
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Effect of carbon-based carriers on HER performance of NiMo-based polyalloy catalysts

Guixin Zhao, Sixuan Zhang, Jinzhao Huang,* Zehui Liu, Feng Jiao, Ke Zhang, Yu Zhang and Xiaolong Deng*

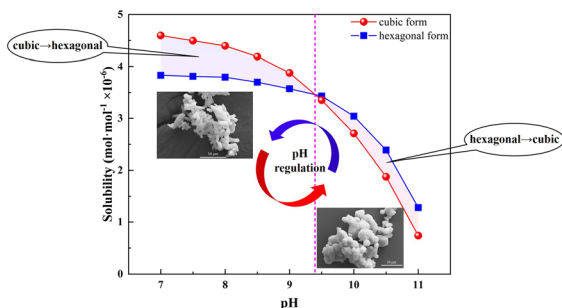
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Investigation of the diffusion and crystal growth of CdZnTe in Te solution using the traveling heater method under axial static magnetic field

Jijun Zhang,* Wanping Liu, Jiongjiong Wei, Chen Xie, Yingdong Huang, Kun Liu, Hao Liu, Yongwu Qi, Meng Cao,* Linjun Wang and Xiaoyan Liang*

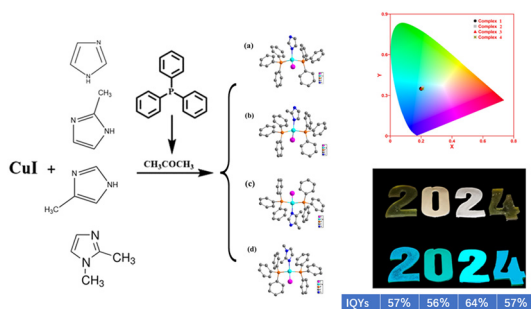
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Mutual polymorphic transformation of CsMgPO₄·6H₂O induced by solution pH

Sheng Lv, Liangcheng Song,* Hongyan Cui, Yanling Xu, Chongqiang Zhu and Chunhui Yang

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Achieving cuprous iodide hybrid materials with long luminescence lifetimes and high internal quantum yields via aggregation-induced emission

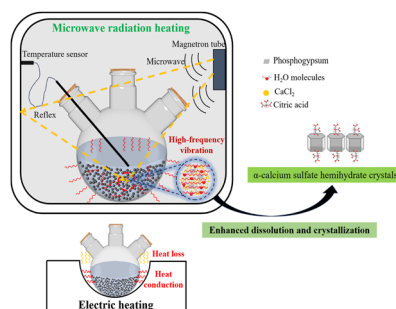
Zhen-Dong Xue, Yi Zhang, Hao-Yu Zhu, Juan-Juan Shao, Qiang Gao and Fang-Ming Wang*



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A novel approach for enhanced hydrothermal synthesis of α -calcium sulfate hemihydrate crystals from phosphogypsum by microwave irradiation

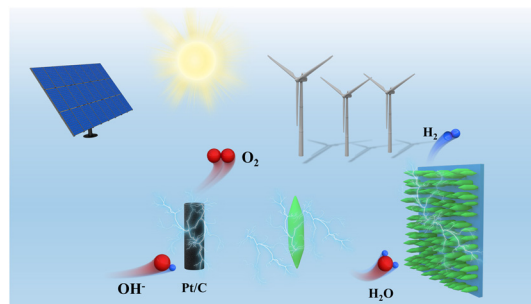
Weifan Du and Xianbo Li*



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Ligand defect engineered $\text{NH}_2\text{-MIL-88B(Fe)}$ for efficient oxygen evolution reaction in alkaline seawater

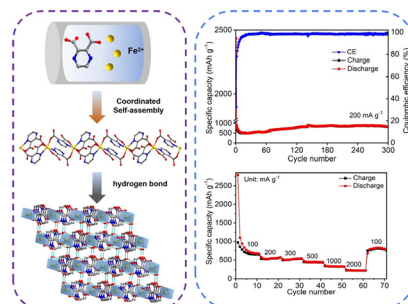
Dongling Xie, Jianan Wang, Bo Huang, Yiyi Yang, Dunmin Lin, Chenggang Xu and Fengyu Xie*



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Exploration of a one-dimensional iron-based coordination polymer for enhanced lithium storage capabilities

Jingwei Liu, Xiaolong Cheng, Shifa Dang, Weile Kong, Mengxian Zheng, Lei Zhang, Shuangyan Wu,* Ning Liu* and Jinchao Cao*



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Microscopic kinetic model of gas hydrate and the effect of brine: a case study of natural gas hydrate from the seabed off the Tokachi coast

Satoshi Takeya,* Kiyofumi Suzuki, Akihiro Hachikubo, Hirotsugu Sakagami, Hirotsugu Minami, Satoshi Yamashita, Keiichi Hirano, Kazuyuki Hyodo, Masahide Kawamoto and Akio Yoneyama

