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Cover
See Chang-Ning Huang *et al.*, pp. 1926–1939.
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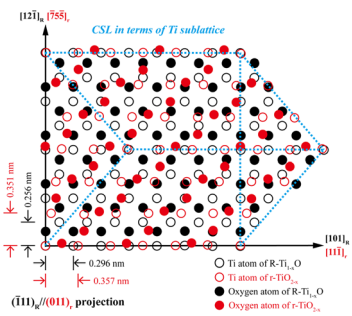
PAPERS

1926

Rock-salt $Ti_{1-x}O$ → rutile TiO_{2-x} transformation twinning *via* pulsed laser deposition – implications for the dense (*hkl*)-specific phase change and optoelectronic properties

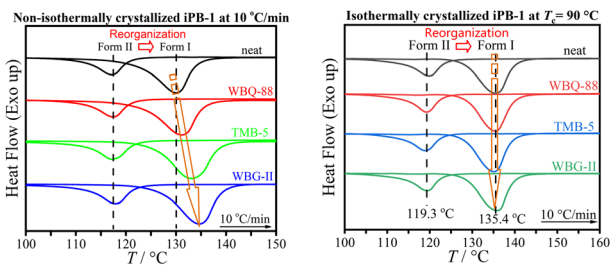
Chang-Ning Huang,* Jian-Yu Chen, Yu-Xuan Lin and Pouyan Shen



1940

Effects of nucleating agents on the II–I transition of iPB-1

Zhiqi Li, Jingqing Li* and Shichun Jiang*



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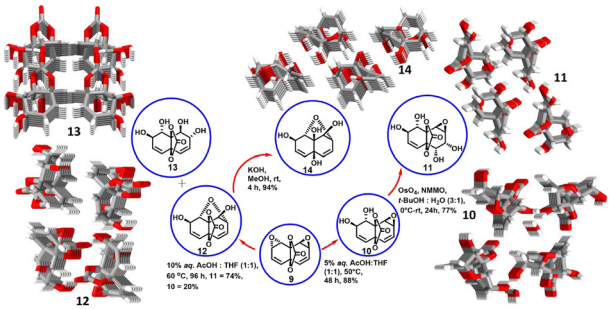
PAPERS

1952

Incisive analysis of hydrogen-bonded supramolecular architectures in designer polycyclitols: observation of some interesting self-assembly patterns

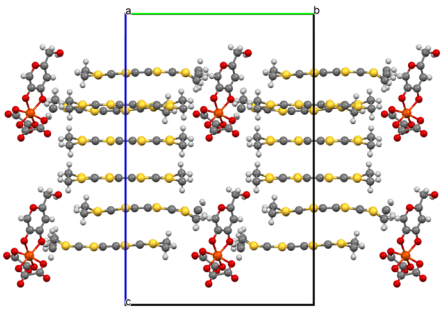
Showkat Rashid, Ahmad Husain, Bilal A. Bhat* and Goverdhan Mehta*



1962

Introduction of new guest molecules into BEDT-TTF radical-cation salts with tris(oxalato)ferrate

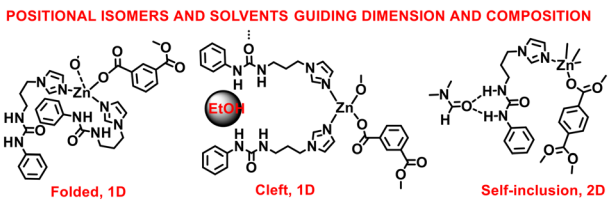
Toby J. Blundell, Elizabeth K. Rusbridge, Rebecca E. Pemberton, Michael J. Brannan, Alexander L. Morritt, Joseph O. Ogar, John D. Wallis, Hiroki Akutsu, Yasuhiro Nakazawa, Shusaku Imajo and Lee Martin*



1976

Consequences of twisting of the flexible arms of imidazole-derived urea in zinc-dicarboxylate coordination polymers

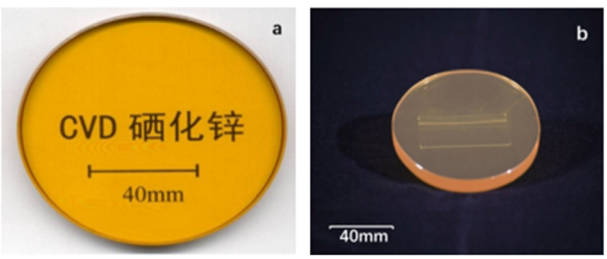
Satyendra Verma, Rinki Brahma and Jubaraj B. Baruah*



1986

Macro- and micro-structural manifestation and engineering of large-size polycrystalline ZnSe

Xiaobo Zhao, Cong Zhang,* Zhengping Wang, Dazhi Lu,* Haohai Yu* and Huaijin Zhang



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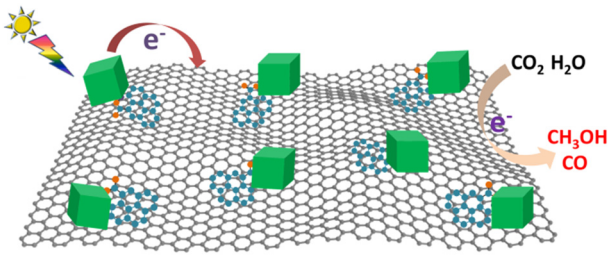
PAPERS

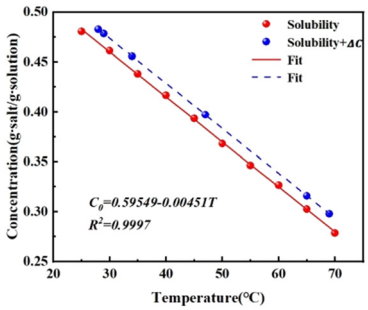
1994



Construction of $CsPbBr_3$/carboxyl-modified rGO heterostructures for efficient photocatalytic reduction of CO_2 to methanol

Meng Li, Jingtao Xu, Yang Song, Yuanyuan Li, Jin Wang and Feiyong Chen*

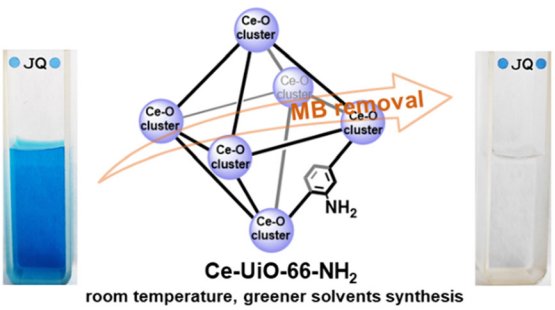
2003



Study on growth technology and optical properties of large size and high quality methylamine lead bromide single crystals

Yuanlong Sun, Yundong Ma, Xiangting Li, Ziyu Hu* and Guozong Zheng*

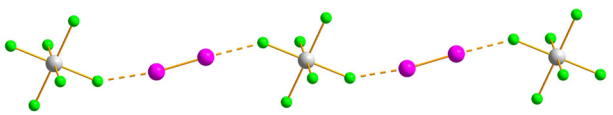
2009



A facile synthesis of a Ce-based MOF at room temperature for effective adsorption of methylene blue

Yang Zhou, Dan Wang, Qiuxiang Feng, Qi Wu, Feng Cao, Li Jiang, Qianli Zhang and Jie Liu*

2018



Polymeric polyiodo-chlorotellurates(IV): new supramolecular hybrids in halometalate chemistry

Nikita A. Korobeynikov, Andrey N. Usoltsev, Maxim N. Sokolov, Alexander S. Novikov and Sergey A. Adonin*

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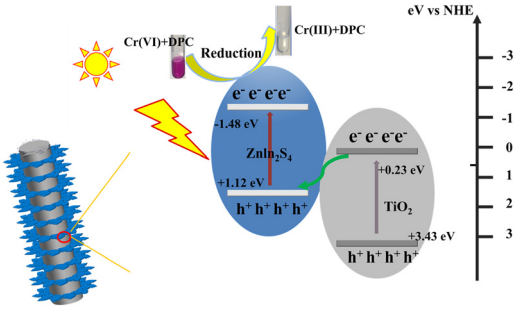
PAPERS

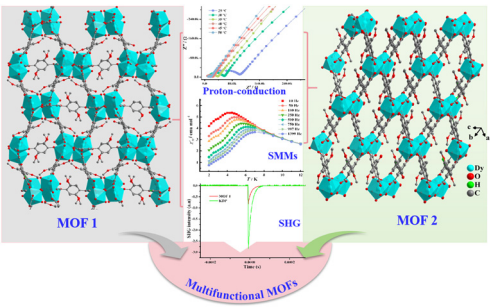
2025

"Feather-duster" like $ZnIn_2S_4/TiO_2$ heterostructured nanocomposites with enhanced visible-light photocatalytic performance

Wenjie Liu, Lei Li, Jingru Li, Fang Wang, Chun-Shuai Cao, Jianzhou Gui, Alex T. Kuvarega, Bhekie B. Mamba and Dan Liu*



2033

Two multifunctional Dy(III)-based metal–organic frameworks exhibiting proton conduction, magnetic properties and second-harmonic generation

Ya-Qing Liao, Tian-Zheng Xiong, Kang-Le Xie, Huan Zhang, Jun-Jie Hu* and He-Rui Wen