

CrystEngComm

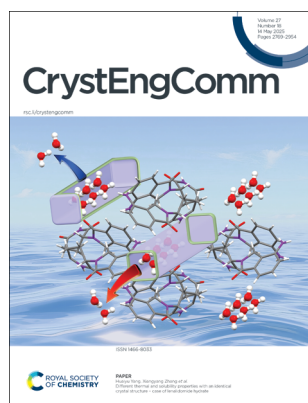
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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ISSN 1466-8033 CODEN CRECF4 27(18) 2769–2954 (2025)



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See Huaiyu Yang, Xiangyang Zhang *et al.*, pp. 2815–2823.
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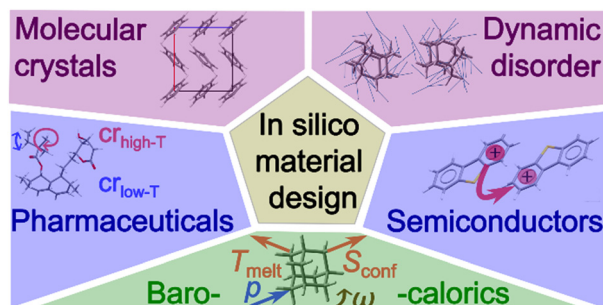
See Ryo Tsunashima *et al.*, pp. 2824–2829.
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HIGHLIGHTS

2778

Computational insights on dynamic disorder in molecular crystals – from electron structure over phonons to thermodynamics

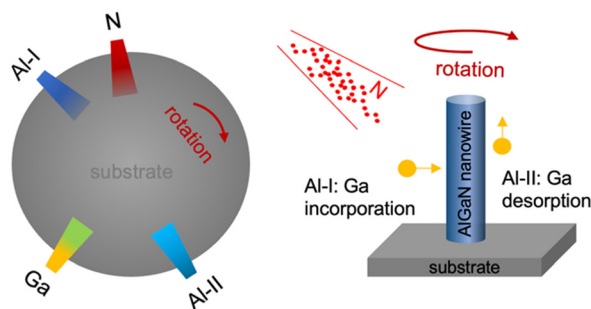
Ctirad Červinka



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Molecular beam epitaxy of AlGaIn nanowires: source configuration and correlated material properties and device characteristics

Songrui Zhao*



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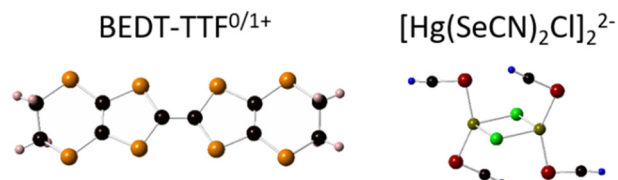


COMMUNICATIONS

2805

One-dimensional antiferromagnetic chain in the cation radical salt α -(BEDT-TTF) $_2$ Hg(SeCN) $_2$ Cl

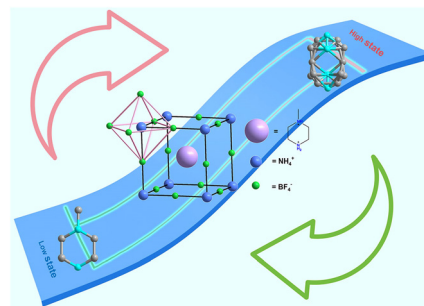
A. Henderson, A. Razpopov, S. Biswas, R. Valenti, H. Cui, R. Kato, K. Wei, J. van Tol, T. Siegrist* and J. A. Schlueter*



2810

Three-dimensional metal-free perovskite with switchable dielectric behaviors

Feng-Wen Zhang, Yu-Lan Xie, Pei-Guo Liu, Meng-Qiang Li, Yi-Xuan Yang, Hao-Fei Ni, Gele Teri, Ming Zhu, Chang-Feng Wang,* Yi Zhang* and Da-Wei Fu*

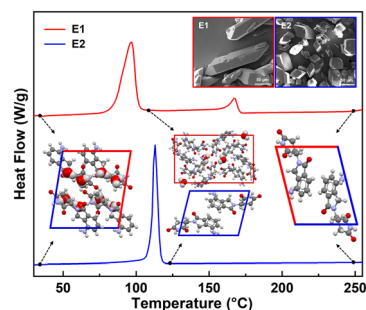


PAPERS

2815

Different thermal and solubility properties with an identical crystal structure – case of lenalidomide hydrate

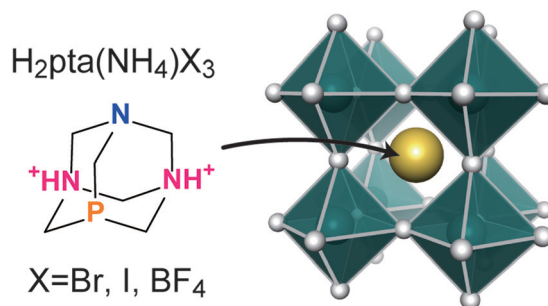
Qi Zhang, Yitong Zhu, Yisheng Xu, Huaiyu Yang,* Wei Li and Xiangyang Zhang*



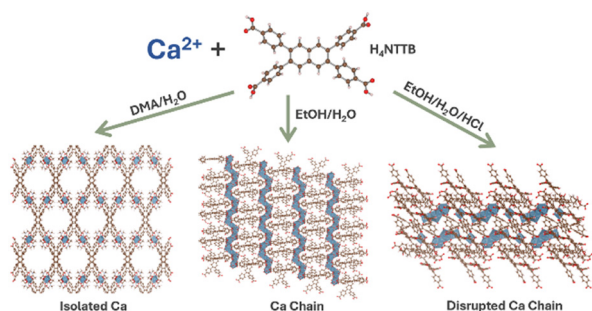
2824

Synthesis, crystallographic study and solid-state properties of metal-free perovskites with P-atom containing A-site cations

Yumi Matsuda, Rentaro Asai, Jumpei Moriguchi, Tomoyuki Akutagawa, Atsuko Masuya-Suzuki and Ryo Tsunashima*



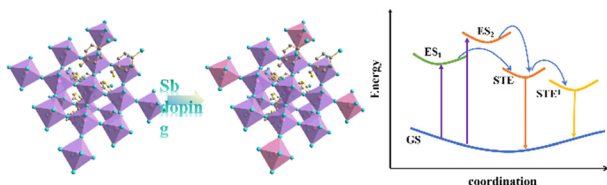
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Structural variety in calcium metal–organic frameworks with a tetratopic carboxylate ligand

Baiwen Zhao, Guy J. Clarkson, Jie Liu, Thi Huong Le, Jérôme Marrot, Franck Millange, Michel Frigoli and Richard I. Walton*

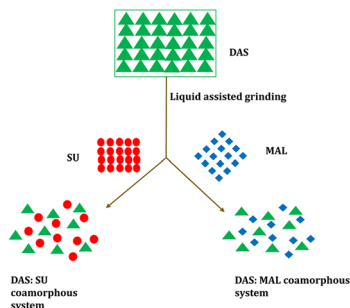
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Enhancement of intrinsic luminescence by Sb³⁺ doped (C₇H₉N)₂CdBr₆ with lone pair 5s² electrons

Wanxu Zhang, Yongzhuo Zheng, Mei Liu, Wenqing Wei, Juan Wang* and Fengwan Guo*

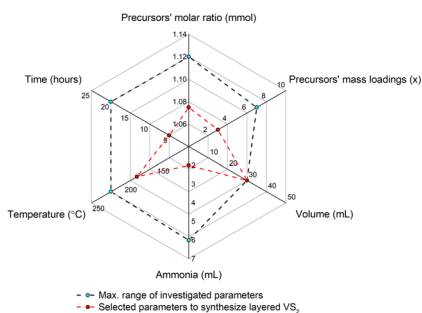
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Preparation, characterization, and evaluation of the co-amorphous systems of dasatinib to improve its pharmaceutical attributes

Rahul B. Chavan, Shovik Ray, Pritam Kundu, Sai Adishesu Dupakuntla, Sanjeev Giri, Ponnusankar Sivasankaran,* Gowthamarajan Kuppusamy, Sheetal Kumar Jain and Ranadeep Bokalia*

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Systematic analysis of reaction parameters driving the hydrothermal growth of layered VS₂

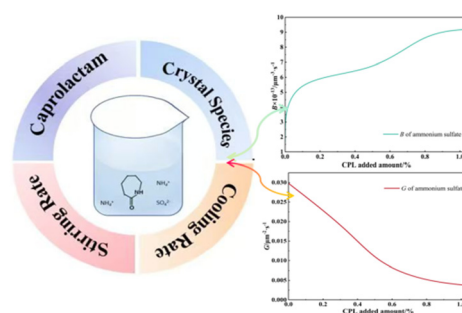
H. K. Shahzad,* Zhengri Huang, Sasan Ghashghaie, Han Liu, G. Muhyodin, Mohsen Tamtaji, Hoi Lam Li, F. Chuan Chan and C. Y. Chung*



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A study of the influence regularity of caprolactam on the crystallisation of ammonium sulphate in aqueous solution

Meiqi Zhang, Xiang Sun, Xiaoyu Ma and Xunqiu Wang*

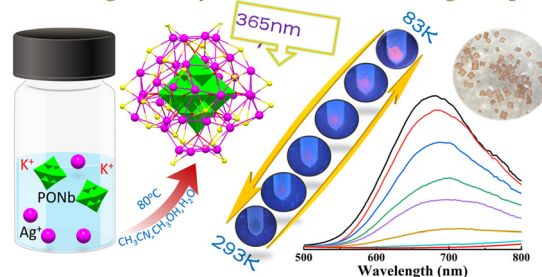


2883

A new silver–thiolate nanocluster synthesized utilizing pure-inorganic polyoxoniobate as a starting template and its variable-temperature fluorescence properties

Li Zeng, Ya-Ting Lin, Li-Hao Hong, Yan-Qiong Sun,* Jianping Xie, Shou-Tian Zheng and Xin-Xiong Li*

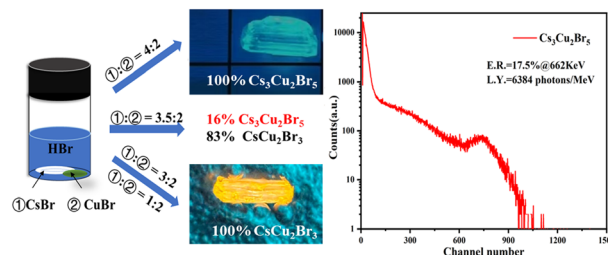
Pure-Inorganic Polyoxoniobate as a Starting Template



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The growth of $\text{Cs}_3\text{Cu}_2\text{Br}_5$ and CsCu_2Br_3 single crystals by cooling crystallization for scintillator application

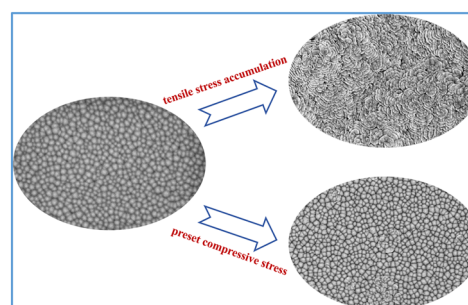
Benlan Zeng, Yongning Liu, Sirui Bao, Chencai Wang, Run Xu,* Jinkun Liu and Yan Zhu*



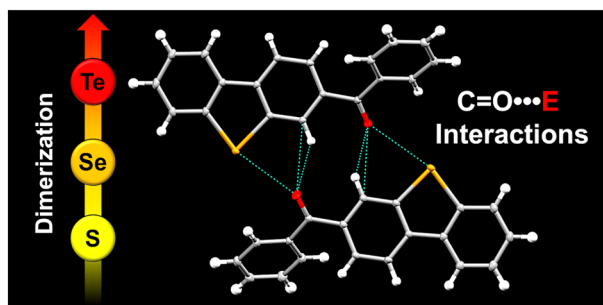
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Understanding surface morphology evolution in magnetron sputtered AlN templates: mitigating tensile stress and enhancing crystal quality

Li Jiang, Jianwei Ben,* Ke Jiang, Shanli Zhang, Tong Wu, Zikai Nie, Entao Zhang, Shunpeng Lu, Xiaojuan Sun* and Dabing Li*



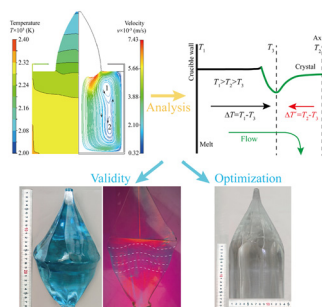
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Tuning carbonyl interactions in dibenzochalcogenophenes

Lea Höfmann, Christoph Wölper, Alexander Huber, Hannah Siera, Constantin G. Daniliuc, Gebhard Haberhauer and Jens Voskuhl*

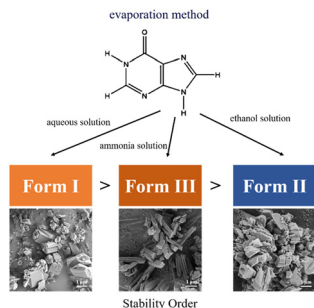
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Study on the melt/crystal interface in large-size yttrium aluminum garnet crystal growth

Ruixian Wang, Qingli Zhang,* Mingliang Yang, Yi He, Xiaofei Wang, Yu Sun and Deming Zhang

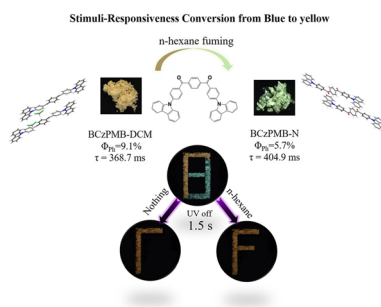
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Three polymorphs of hypoxanthine obtained by evaporation from three distinct solvents

Haoxin Hu, Shizhao Ren, Feiting Gan, Rongrong Xue* and Fenghua Chen*

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Crystallization-induced highly efficient phosphorescence in metal-free organic phosphors

Hui Xiao, HuiLi Ma, Jingyi Wang,* Zhongfu An* and Zhiyong Guo*

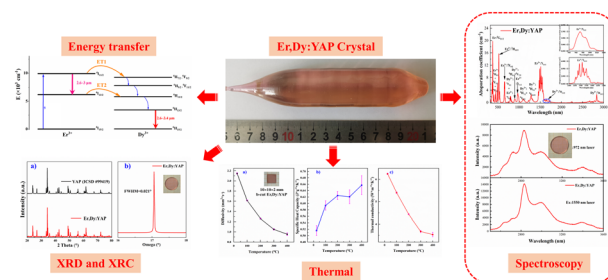


PAPERS

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Crystal structure and thermal and mid-infrared broadband luminescence characteristics of a novel Er,Dy:YAP crystal

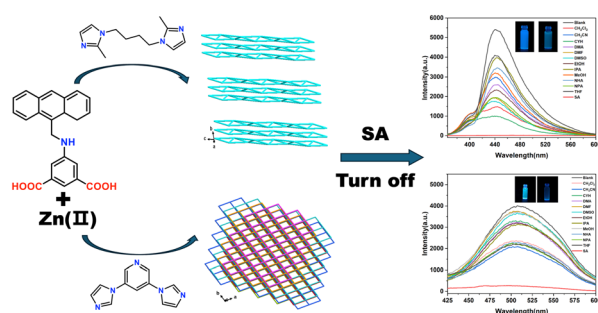
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Two zinc(II)-based coordination polymers as luminescent sensors for detecting salicylaldehyde with high sensitivity and selectivity

Ruo-Tong Gang, Wen-Jing Zhang, Hai-Jun Yu, Zhen-Hui Li, Yi-Long Li, Xue-Ru Wu,* Ming-Guang Chen,* Shu-Man Gao and Feng Shao*



CORRECTION

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Correction: Two zinc(II)-based coordination polymers as luminescent sensors for detecting salicylaldehyde with high sensitivity and selectivity

Ruo-Tong Gang, Wen-Jing Zhang, Hai-Jun Yu, Zhen-Hui Li, Yi-Long Li, Xue-Ru Wu,* Ming-Guang Chen,* Shu-Man Gao and Feng Shao*

