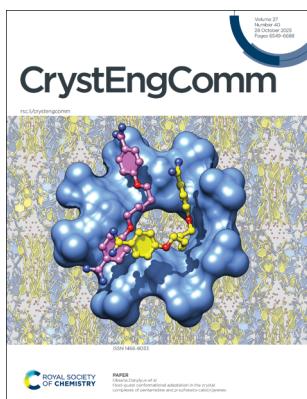


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Cover

See Oksana Danylyuk *et al.*,

pp. 6611–6622.

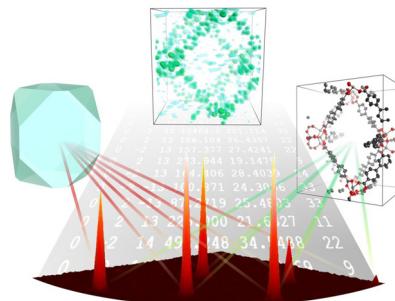
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TUTORIAL REVIEW

6556

Useful practices in single crystal diffraction analysis of reticular structures

Stefano Canossa*

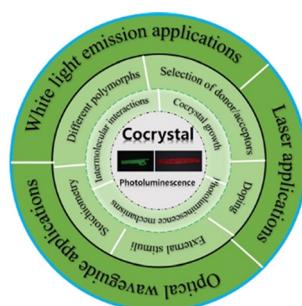


HIGHLIGHTS

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Organic charge transfer cocrystals for photoluminescence

Xin Zhang, Zhuo Gao, Xuexia He* and Peng Hu*



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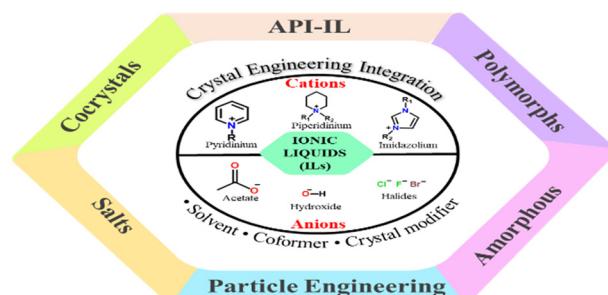
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HIGHLIGHTS

6589

Exploration of ionic liquids in crystal engineering: sustainable development of pharmaceutical solid forms

Md Huzaifa Khan, Mohd Danish Khan and Jamshed Haneef*

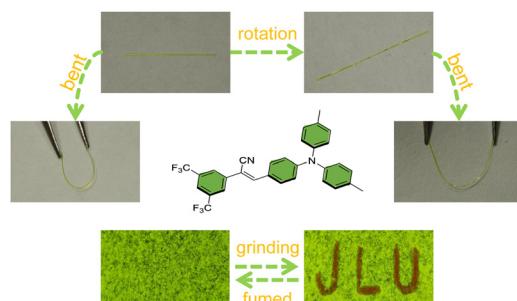


COMMUNICATION

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Reversible mechanochromism and polarization modulation in an elastic organic crystal

Baolei Tang, Xuesong Yang, Donghe Chen, Hanlin Hu* and Hongyu Zhang*

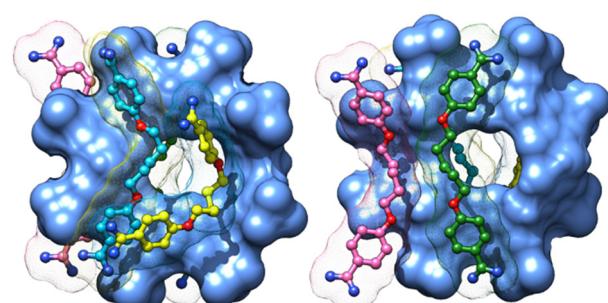


PAPERS

6611

Host-guest conformational adaptation in the crystal complexes of pentamidine and *p*-sulfonato-calix[*n*]arenes

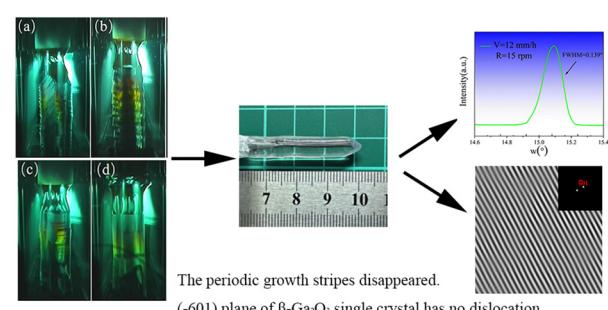
Kateryna Kravets, Mykola Kravets and Oksana Danylyuk*



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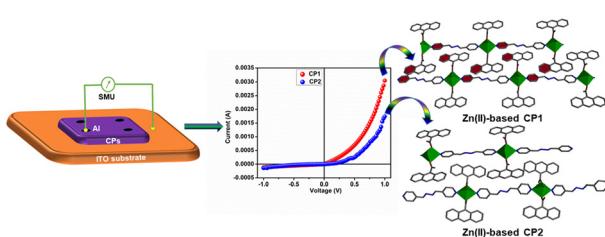
Dynamic stability, microstructure and optoelectronic performance of β -Ga₂O₃ single crystals prepared by the optical floating zone technique

Qiangsheng Zhan, Xinyu Yang,* Zixuan Wang, Zimeng Li, Shifeng Luo and Jiuxing Zhang



PAPERS

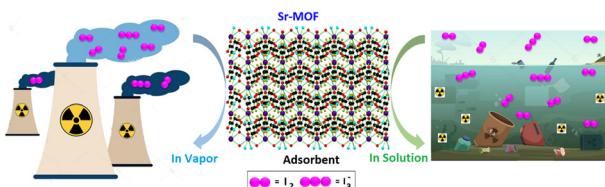
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Effect of $\pi \cdots \pi$ interactions on the conductivity of two 1D coordination polymers through one-pot crystallization

Ersad Hossain, Ramjan Sk, Animesh Layek, Samit Pramanik, Antonio Frontera, Partha Pratim Ray,* Mohammad Hedayetullah Mir* and Subrata Mukhopadhyay

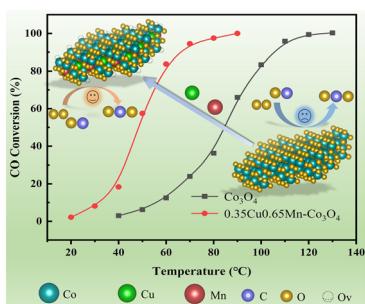
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Fabrication of a 3D Sr-based metal-organic framework bearing ant topology for highly efficient iodine capture in solution and vapor phases

Mohd Umar Hayat, Mohd Khalid,* Samrah Kamal, M. Shahid and Musheer Ahmad

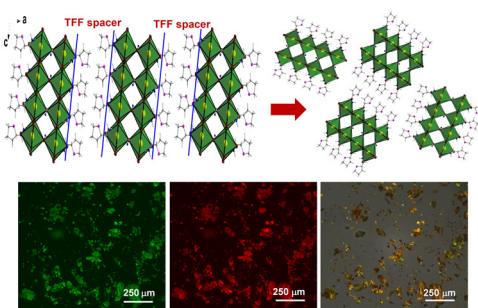
6652



Cu/Mn co-doped Co_3O_4 with enhanced oxygen activation for low-temperature CO oxidation

Ziteng Han, Yilin Du, Zizhen Niu, Peiwei Han, Guowei Wang, Tonghe Wang, Xinjun Li* and Jie Shu*

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Near-infrared light emitting diodes based on an oxygen moiety containing 2D Ruddlesden-Popper perovskites

Mi-Hee Jung



PAPERS

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Broad-spectrum-excited red afterglow realized via host-guest doping strategyAiyun Ni,* Ying Lan, Na Song, Chunmeng Dong,
Jingqiao Guo and Xiangling Gu*

6679

Crystal structure and piezoelectric properties of the final member of the pyridylalanine derivative series: $[\text{H}-\beta-(3\text{-pyridyl})\text{-Ala-OH}][\text{BF}_4]$ Maciej Wojtaś,* Anna Gągor, Igor Bdikin
and Svitlana Kopyl