CrystEngComm

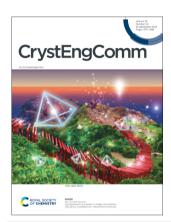
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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ISSN 1466-8033 CODEN CRECF4 25(34) 4771-4916 (2023)



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Inside cover See Deepak Chopra et al., pp. 4779-4792. Image reproduced by permission of Deepak Chopra from CrystEngComm, 2023, 25, 4779.

COMMUNICATION

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Role of mechanochemical synthesis in the crystal chemistry of leflunomide

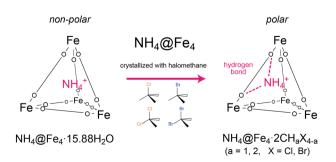
Vishal A. Lohar, Anila M. Menon, Ajay Suresh and Deepak Chopra*



PAPERS

Crystallographic and dielectric studies of tetrahedral {NH4@Fe4} crystallized with halomethane molecules

Daiki Matsumoto, Chiaki Tanaka, Masaru Fujibayashi, Sadafumi Nishihara, Kiyonori Takahashi, Takayoshi Nakamura, Tomoyuki Akutagawa, Atsuko Masuya-Suzuki and Ryo Tsunashima*



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CrystEngComm (electronic: ISSN 1466-8033) is published 48 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK

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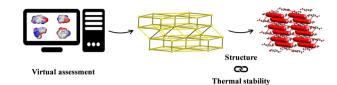


PAPERS

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Virtual assessment achieved two binary cocrystals based on a liquid and a solid pyridine derivative with modulated thermal stabilities

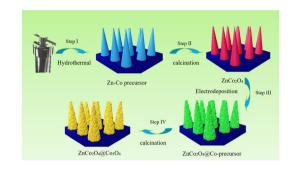
Daniel Eiarque, Teresa Calvet, Mercè Font-Bardia and Josefina Pons*



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Realizing high performance bifunctional energy storage devices and electrocatalytic water splitting catalysts through regulated interface engineering of ZnCo₂O₄@Co₃O₄ nanosheets

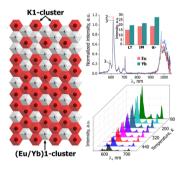
Lihua Miao,* Lili Sui, Xiaoyan Shen, Dan Yang, He Huang and Ye Kuang



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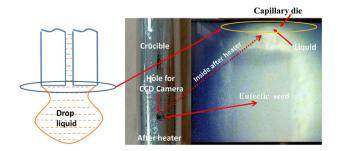
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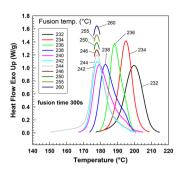
Cr-doped Al₂O₃-YAG binary and Al₂O₃-YAG-ZrO₂ ternary eutectic materials crystallized by the micro pulling down technique and their characterization

J. Xu, Y. Guyot, A. Nehari, A. Pillonnet, G. Ledoux, H. Takeda, X. Xiaodong and K. Lebbou*



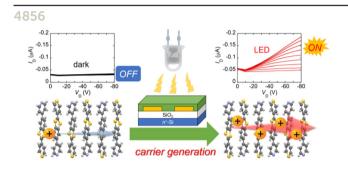
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Effect of fusion temperature on the crystallization kinetics of poly(butylene terephthalate)

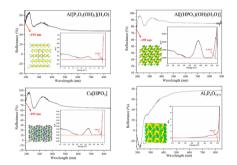
Ahmed Nasr* and Petr Svoboda



Synthesis, crystal structures and semiconductor properties of 2-(thiopyran-4-ylidene)-1,3benzodithioles with an aryl substituent

Hiroshi Nishimoto, Takeshi Kawase and Jun-ichi Nishida*

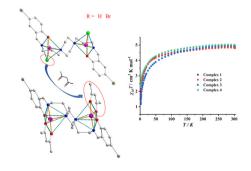
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A series of novel phosphites/phosphates with deepultraviolet cut-off edges from 0D polar to 3D nonpolar architectures

Yucheng Hao,* Yang Zhang, Yuying Zhang, Zixiang Fu, Chunyang Heng, Junjie Li, Jiatian You, Kunhong Hu, Yuan Lin* and Haijian Li

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Effect of remote substituents and coordination anions on the magnetic properties of Co(II) dimer complexes

Tong-Kai Luo, Xiang Zhong, Qing-Yun Zhang, Xiao-Feng Chen, Hui Xu, Yan Peng,* Sui-Jun Liu,* Zhao-Bo Hu* and He-Rui Wen

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Daria Zheltikova, Evgeniy Losev* and Elena Boldyreva



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Molecular simulation studies on the design of multicomponent sorbic acid crystals for tuning solubility

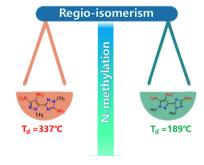
Chang Li, Di Wu, Zhenguo Gao* and Wei Chen*



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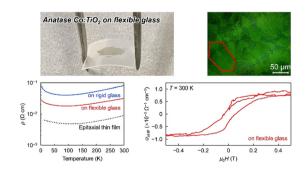
Regioisomeric N-C functionalization of an asymmetric N-rich framework: a promising pathway to heat-resistant energetic materials

Dongshuai Su, Jinxiong Cai, Ping Yin* and Siping Pang*



A transparent room-temperature ferromagnetic semiconductor on glass: anatase Co-doped TiO₂ oriented thin films with improved electrical conduction

Jiyang Huang, Daichi Oka,* Yasushi Hirose, Masamichi Negishi and Tomoteru Fukumura



CORRECTION

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Correction: Dotted crystallisation: nucleation accelerated, regulated, and guided by carbon dots

Mayank Vashishtha, Caoilfhionn Cliffe, Emma Murphy, Parimaladevi Palanisamy, Andy Stewart, Srinivas Gadipelli, Christopher A. Howard, Dan J. L. Brett and K. Vasanth Kumar*