# CrystEngComm

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

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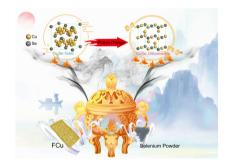
Cover See Jhy-Der Chen et al., pp. 1723-1730. Image reproduced by permission of Tsung-Te Liao, Shu-Yu Lin, and Jhy-Der Chen from CrystEngComm, 2023, **25**, 1723.

#### COMMUNICATIONS

1712

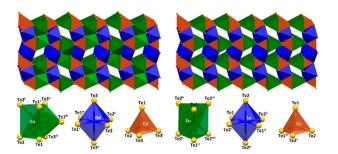
A simple large-scale preparation and crystal phase control method for Cu<sub>2</sub>Se by exfoliation from copper foam under a Se-rich airflow

Dan He, Yuxuan Ma, Yongping Ding, Xiaoxue Yang, Fenghua Bai\* and Xiaojing Wang\*



Synthesis, structures and magnetic properties of the Eu-based quaternary tellurides EuGdCuTe<sub>3</sub> and EuLuCuTe<sub>3</sub>

Anna V. Ruseikina,\* Maxim V. Grigoriev, Alexander A. Garmonov, Maxim S. Molokeev, Thomas Schleid and Damir A. Safin\*



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# CrystEngComm

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

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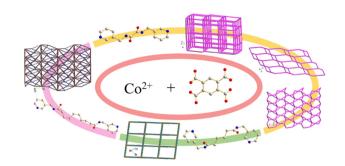
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### **PAPERS**

### 1723

Co(II) coordination polymers supported by a benzenetetracarboxylate and bis-pyridyl-bis-amides with different flexibilities

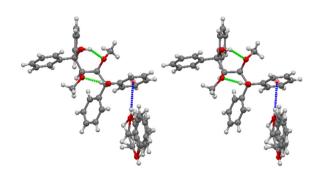
Tsung-Te Liao, Shu-Yu Lin and Jhy-Der Chen\*



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An investigation of the selectivity behaviour of host compound (R,R)-(-)-2,3-dimethoxy-1,1,4,4tetraphenylbutane-1,4-diol in mixed cresols

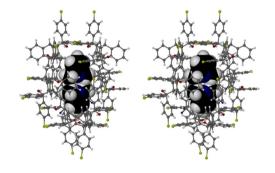
Benita Barton,\* Pieter L. Pohl and Eric C. Hosten



### 1740

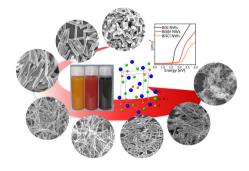
Complementary host behaviour of three anthracenyl-derived roof-shaped compounds in mixed pyridines

Benita Barton,\* Mino R. Caira,\* Ulrich Senekal and Eric C. Hosten



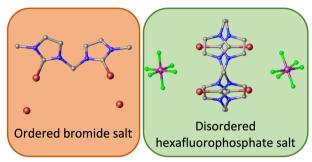
Tailoring sizes and compositions of heavy pnictogen bismuth thiohalide nanorods and nanowires via heat-up method

Da Won Lee, Ho Young Woo, Yoonjoo Choi, Hyesun Chung and Taejong Paik\*



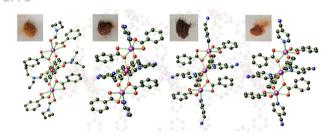
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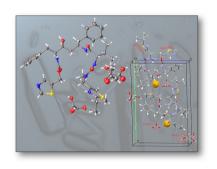
Adrian V. Wolfenden, Chloe M. Taylor, Curtis C. Ho, Jack K. Clegg and Nathan L. Kilah\*



### Two-dimensional Cd<sub>3</sub>-based metal-organic frameworks with halogen bonding sites for the uptake of l2

Zhi-Hao Zhang, Jia-Lu Ge, Yan Li, Qing Li, Pin-Pin Ma, Xiao-Yan Tang,\* Wen-Hua Zhang\* and David J. Young

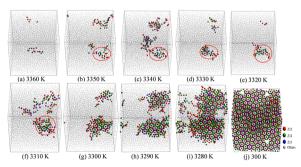
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### A quaternary solid-form of ritonavir: an oxalate salt oxalic acid co-crystal acetone solvate

Chang Wang, Thomas D. Turner,\* Cai Y. Ma, Christopher M. Pask, Ian Rosbottom, Richard S. Hong, Ahmad Y. Sheikh, Qiuxiang Yin and Kevin J. Roberts

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### Formation and evolution of topologically closepacked crystals during the rapid solidification of liquid metal tungsten

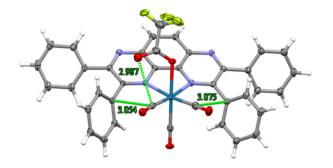
Cun-jing Wang, Yun-fei Mo, Li-li Zhou,\* Yong-chao Liang, Ze-an Tian, Lei Han, Lang-tao Fan and Xiao-lu Xie

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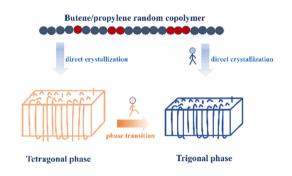
Noncovalent  $n \to \pi^*$ ,  $C-H\cdots\pi$ , and  $C-H\cdots O$ interaction mediated supramolecular assembly in a Re(CO)<sub>3</sub>(trifluoroacetate) complex bearing a bulky tetraazaphenanthrene ligand: a combined CSD study and theoretical calculations

Reza Kia,\* Hadis Shojaei, Vadim P. Boyarskiy and Alexander S. Mikherdov



Crystallization and phase transition of butene/ propylene copolymers

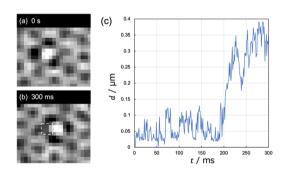
Yaru Yuan, Wei Li, Chunjing Qv and Zhe Ma\*



#### 1828

Activation energy of kink incorporation of particles into colloidal crystals with attractive interactions

Masahiro Kanno, Yutaka Tsuboi, Shigeki Matsuo and Yoshihisa Suzuki\*



Enhanced photoactive performance of three-layer structured Ag/Cu<sub>2</sub>O/TiO<sub>2</sub> composites with tunable crystal microstructures

Yuan-Chang Liang\* and Wei-Yang Sun

