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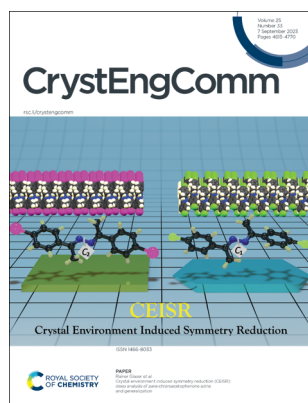
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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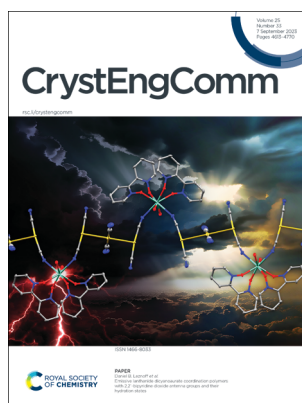
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## IN THIS ISSUE

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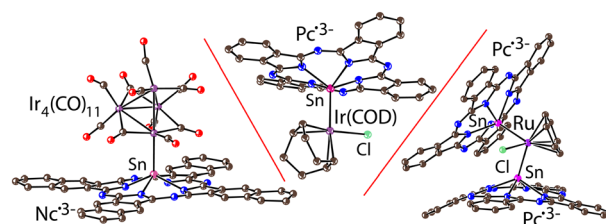
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## HIGHLIGHT

4620

### Synthesis, structure and properties of coordination complexes of tin(II) phthalocyanine and naphthalocyanine with transition metal fragments

Maxim A. Faraonov, Evgeniya I. Yudanova,  
Alexey V. Kuzmin, Salavat S. Khasanov,  
Sergey I. Troyanov, Akihiro Otsuka, Hideki Yamochi,  
Hiroshi Kitagawa and Dmitri V. Konarev\*

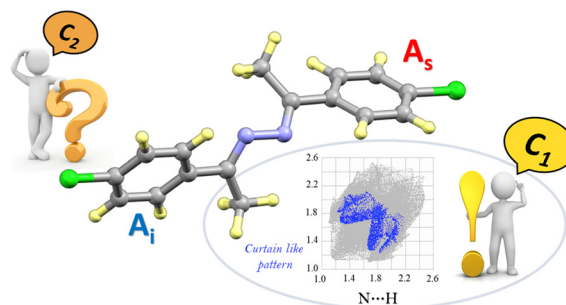


## PAPERS

4638

### Crystal environment induced symmetry reduction (CEISR): deep analysis of *para*-chloroacetophenone azine and generalization

Harmeet Bhoday, Kaidi Yang, Steven P. Kelley  
and Rainer Glaser\*



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# CrystEngComm

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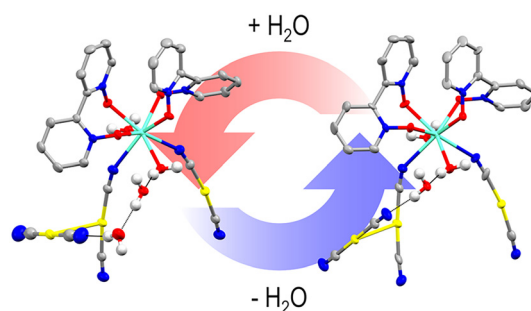


## PAPERS

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### Emissive lanthanide dicyanoaurate coordination polymers with 2,2'-bipyridine dioxide antenna groups and their hydration states

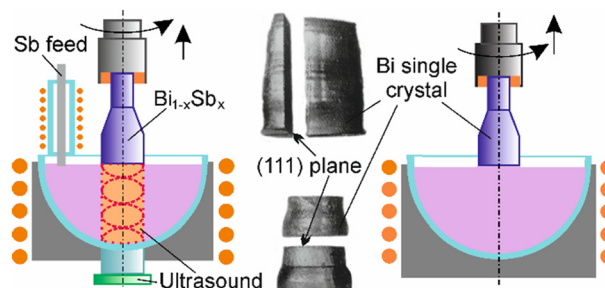
Matthew L. Brown, Thomas E. Karpiuk and Daniel B. Leznoff\*



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### Growth of Bi and Bi<sub>1-x</sub>Sb<sub>x</sub> single crystals with specific properties

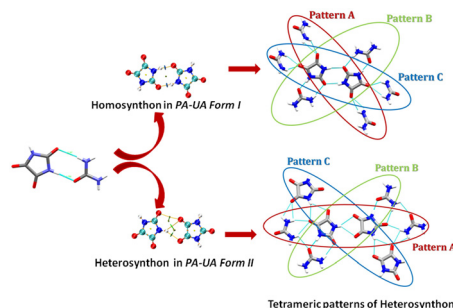
Gennadiy Nikolaevich Kozhemyakin\*



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### Polymorphism in parabanic acid-urea cocrystals governed by supramolecular synthons: a comparative analysis

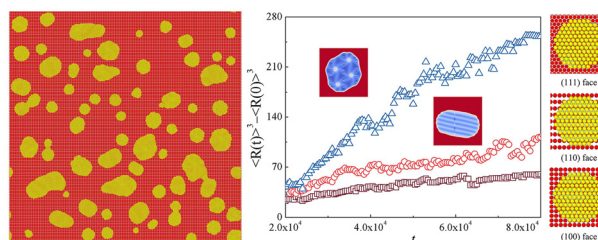
Ruchi Gaur\*



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### Atomistic investigation of coarsening kinetics of supported nanoparticles using the phase field crystal model

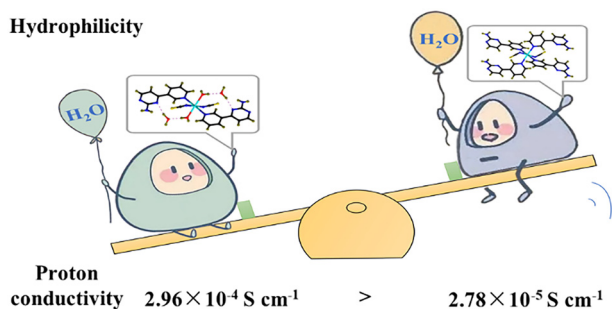
Ying Gao, Can Guo,\* Chao Ma, Qi Wang, Shang Sui, Xiangquan Wu, Zhongming Zhang, Sergei Remennik and Chunjie Xu\*



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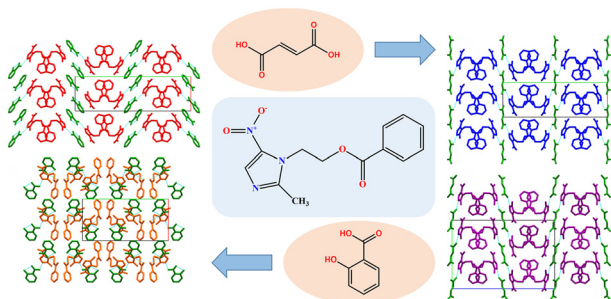
## Hydrophilicity



### Water-assisted proton conduction regulated by hydrophilic groups in metallo-hydrogen-bonded organic frameworks: “like-attracts-like” between hydrophilic groups and water molecules

Sen Wang, Fengxia Xie,\* Shiwen Zhang, Xiaoqiang Liang,\* Qianhang Gao, Yu Chen, Feng Zhang, Chen Wen,\* Lei Feng and Chengan Wan

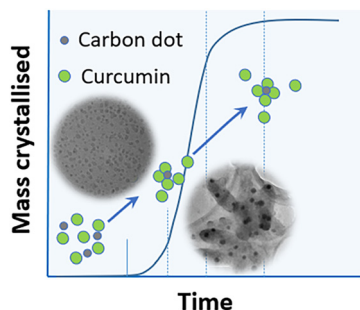
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### Polymorphism in cocrystals of metronidazole benzoate

Wendell Saraiva Costa, Yara Santiago de Oliveira and Alejandro Pedro Ayala\*

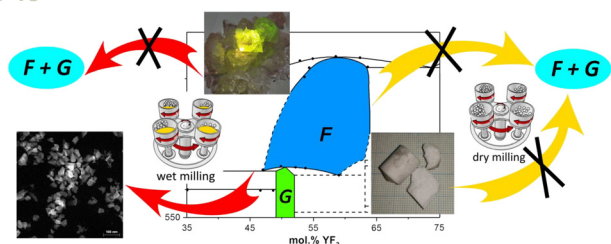
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### Dotted crystallisation: nucleation accelerated, regulated, and guided by carbon dots

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

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### Preparation of rare-earth doped NaYF<sub>4</sub> luminescent nanoparticles by a high-energy ball milling process

Aleksandr V. Koshelev,\* Vadim V. Grebenev, Natalia A. Arkharova, Andrey A. Shiryayev and Denis N. Karimov\*

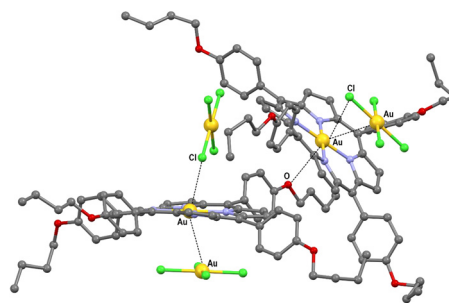


## PAPERS

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**Noncovalent interactions in gold(III) tetrakis(4-butoxyphenyl)porphyrinate structures**

Elena E. Bardina, Eugeniya V. Makotchenko, Kirill P. Birin, Iraida A. Baidina, Taisiya S. Sukhikh, Alexander S. Novikov, Yulia G. Gorbunova, Aslan Yu. Tsivadze and Artem L. Gushchin\*



## RETRACTION

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**Retraction: Effect of  $\text{Ca}^{2+}$  doping on the upconversion luminescence properties of  $\text{NaYF}_4:\text{Yb}^{3+}/\text{Tm}^{3+}$  nanoparticles and study of its temperature measurement performance**

Mingzhou Meng, Rui Zhang, Zhenlong Cheng, Xinmeng Fa, Jianghua Yang, Anees A. Ansari, Jun Ou,\* Christian Wurth and Ute Resch-Genger\*

