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See Weikang Wang, Xiaoyan Cui, Ting Wang et al., pp. 1687-1693. Image reproduced by permission of Xiaoyan Cui from CrystEngComm, 2025, **27**, 1687.



Inside cover See Björn H. Greijer and Vadim G. Kessler, pp. 1679-1686. Image reproduced by permission of Björn H. Greijer from CrystEngComm, 2025, 27, 1679.

HIGHLIGHT

Unveiling POM-peptide complexes: molecular insights into metal oxide nanoparticle-protein interactions

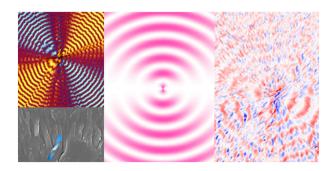
Björn H. Greijer and Vadim G. Kessler*



PAPER

Twisted cholesterol crystals by Mueller matrix microscopy

Yue Tian, Mengyuan Hao, Yong Tang, Chen Li, Demei Kong, Junru Zhu, Weikang Wang,* Xiaoyan Cui* and Ting Wang*





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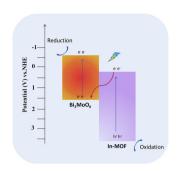


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Synergistic advantages of In-MOF/Bi₂MoO₆ composites in photocatalytic CO₂ reduction: enhanced light absorption, charge separation and reactivity

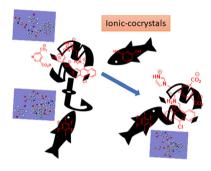
Xiao Zhang, Xiong He, Meng-Yao Ye, Bei-Bei Yuan, Song-Fang Zhao and Kui Li*



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Facts and reality of multi-component organic ioniccocrystals of di-topic acid-base conjugates

Abhay Pratap Singh and Jubaraj B. Baruah*

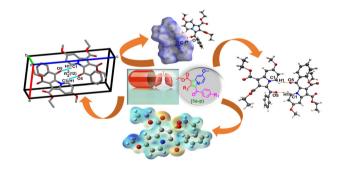


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Structural analysis, in vitro anti-tubercular activities, and in silico ADMET evaluation of ethyl 7-methoxy-3-(4-substituted benzoyl)indolizine-1-carboxylates

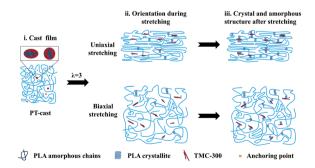
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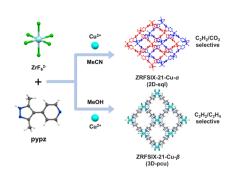
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Jia Tan, Lingna Cui,* Zhixian Qin, Yulin He, Shijuan Ding, Jingbo Li and Yuejun Liu*



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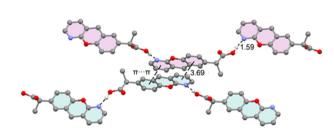
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Fine-tuning of gas uptake and selectivity in a hexafluorozirconate pillared coordination network that features two porous phases

Nathan C. Harvey-Reid, Hayley S. Scott, Komal M. Patil, Naveen Kumar, Colm Healy, Michael J. Zaworotko, Soumya Mukherjee* and Paul E. Kruger*

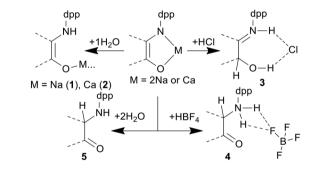
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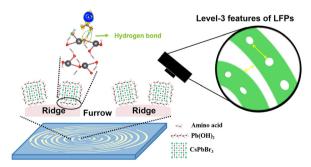
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Partial and complete hydrolysis of metal complexes based on monoiminoacenaphthene-1-ones

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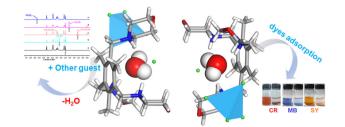
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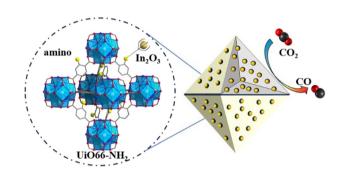
Haitao Li,* Guangshan Qin, Zhenwei Guo and Fang Guo*



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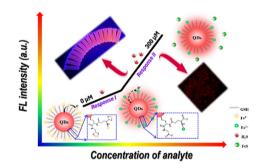
Bolin Ma, Guanghui Chen, Lingling Zhou, Chengyang Ni, Xinyu Sun, Lei Zhang, Xinguo Xi, Langin Tang* and Yong Zhou*



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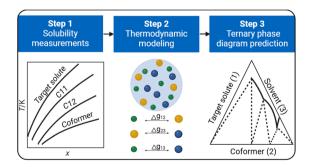
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Cong Liu, Rongxiang Feng, Shidi Li, Fengyao Wu, Xiaofei Qi, Xiaohua Huang, Tianyu Bai* and Shanghua Xing



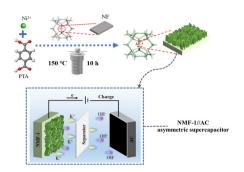
Predicting the solid-liquid phase diagram of a ternary system with cocrystal formation

Sahar Nasrallah, Ahmad Alhadid* and Mirjana Minceva*



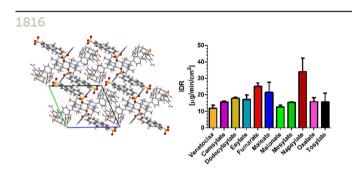
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One-step solvothermal in situ synthesis of NiMOF nanosheets for high-performance supercapacitor applications

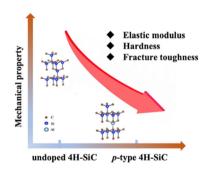
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Tereza Havlůjová, Erika Hriňová, Eliška Zmeškalová, Monika Kučeráková, Luděk Ridvan and Miroslav Šoóš*

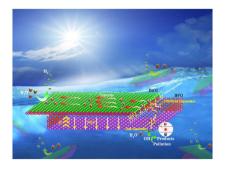
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The role of aluminum doping in shaping the mechanical properties of p-type 4H-SiC

Yanwei Yang, Zhouyu Tong, Xiaodong Pi,* Deren Yang and Yuanchao Huang*

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Synergistic effect of built-in and polarized electric fields in BiFeO₃/BiOI heterojunctions for efficient photocatalysis

Jiangwen Bai, Jiamin Li, Jinmeng Xiang and Chongfeng Guo*