

CrystEngComm

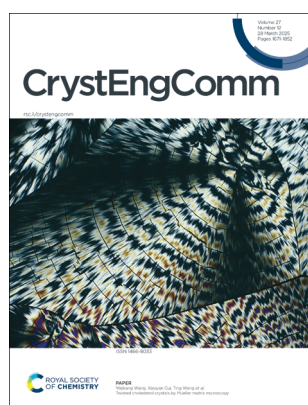
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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See Weikang Wang, Xiaoyan Cui, Ting Wang *et al.*, pp. 1687–1693.
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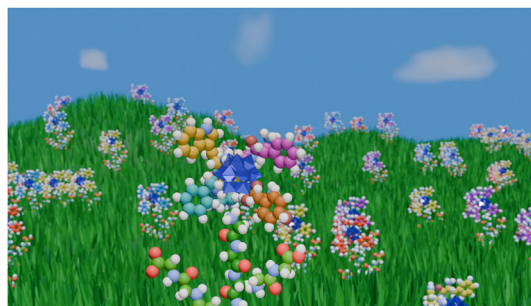
Inside cover
See Björn H. Greijer and Vadim G. Kessler, pp. 1679–1686.
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HIGHLIGHT

1679

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

Björn H. Greijer and Vadim G. Kessler*

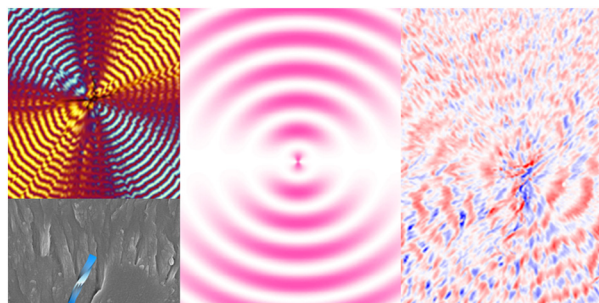


PAPER

1687

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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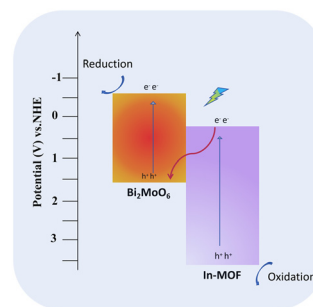


COMMUNICATIONS

1694

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

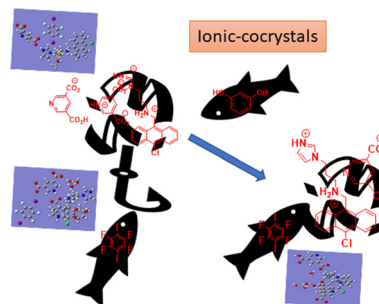
Xiao Zhang, Xiong He, Meng-Yao Ye, Bei-Bei Yuan, Song-Fang Zhao and Kui Li*



1701

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

Abhay Pratap Singh and Jubaraj B. Baruah*

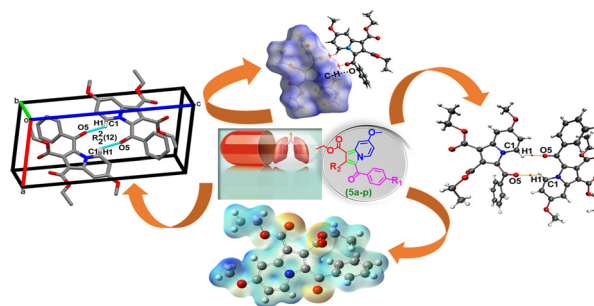


PAPERS

1707

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

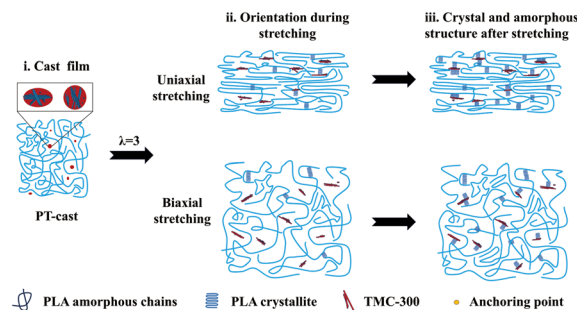
Rahul D. Nagdeve, Jyoti Swarup Thakur, Sandeep Chandrashekarappa, Pradip Kumar Mondal, Pran Kishore Deb, Maurizio Polentarutti, Keshab M. Bairagi, Gourav Rakshit, Osama I. Alwassil, Melendhran Pillay, Katharigatta N. Venugopala* and Susanta K. Nayak*



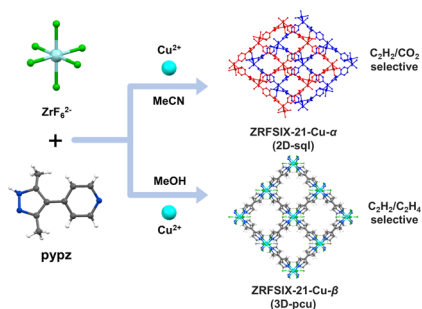
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Structural evolution and mechanism of PLA/TMC-300 films under uniaxial and biaxial stretching

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



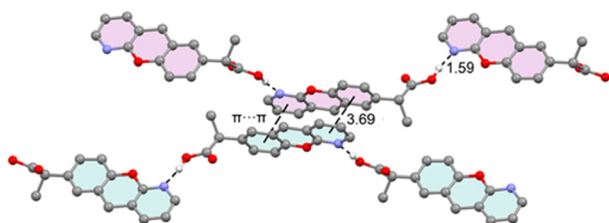
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Fine-tuning of gas uptake and selectivity in a hexafluorozirconate pillared coordination network that features two porous phases

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

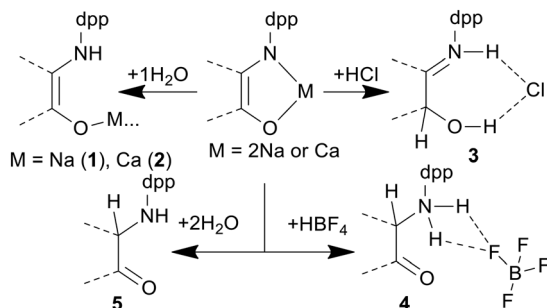
1742



Interplay of hydrogen bonding and π -stacking interactions in the solid-state architecture of pranoprofen: insights from X-ray crystallography and computational analyses

Rafel Prohens,* Rafael Barbas, Guadalupe Abrego and Antonio Frontera*

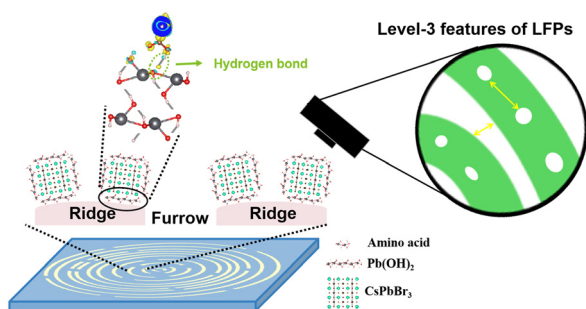
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Partial and complete hydrolysis of metal complexes based on monoiminoacenaphthene-1-ones

Anton N. Lukoyanov,* Yulia V. Zvereva, Anton V. Cherkasov, Grigory Yu. Zhigulin, Nikita P. Kharitonov and Sergey Yu. Ketkov

1763



Visualization of level-3 latent fingerprints by surfactant-free CsPbBr₃ MCs with Pb(OH)₂ as a passivation layer and an anchored bridge

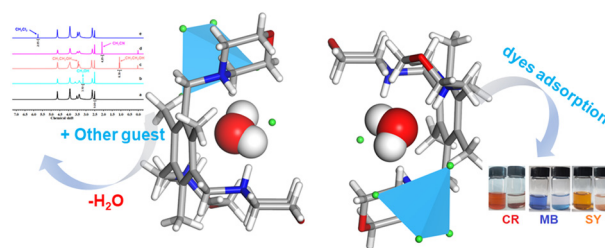
Guoxin Zhuang, Yujing Li, Xiaodi Chu, Xianghui Lai, Zhiyu Liang,* Xiaohui Lin,* Yonglin Wen, Guosong Lin, Zhechong Zheng and Chonghui Li*



1773

Metallo-hydrogen bonded organic frameworks with nitrogen tridentate ligands: exploring inclusion and dye adsorption properties

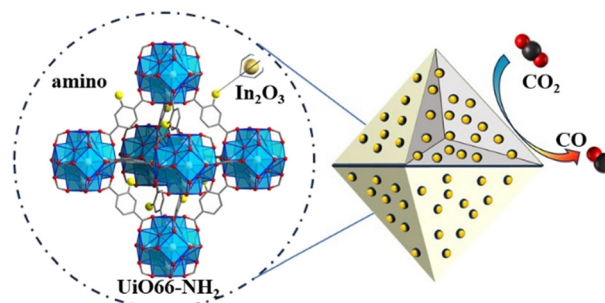
Haitao Li,* Guangshan Qin, Zhenwei Guo and Fang Guo*



1781

UiO66-NH₂@In₂O₃ heterostructures for improved photocatalytic CO₂ reduction

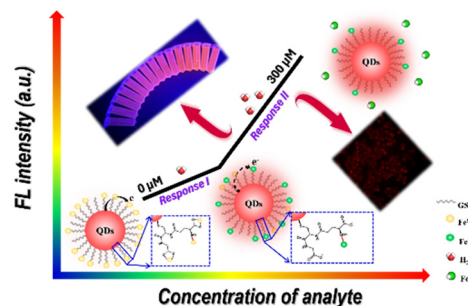
Bolin Ma, Guanghui Chen, Lingling Zhou, Chengyang Ni, Xinyu Sun, Lei Zhang, Xinguo Xi, Lanqin Tang* and Yong Zhou*



1789

Manipulating the surface structure of quantum dots based on dual response modes triggered by iron ions for the visualization of hydrogen sulfide with a wide detection range

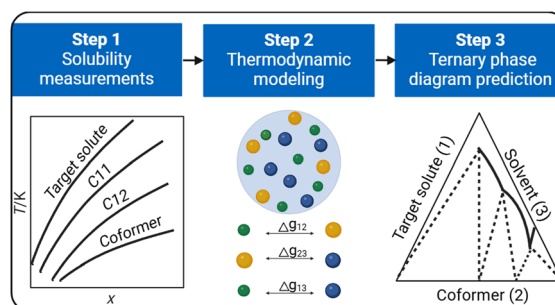
Cong Liu, Rongxiang Feng, Shidi Li, Fengyao Wu, Xiaofei Qi, Xiaohua Huang, Tianyu Bai* and Shanghua Xing



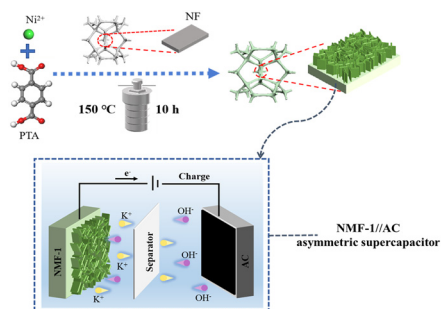
1796

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

Sahar Nasrallah, Ahmad Alhadid* and Mirjana Minceva*



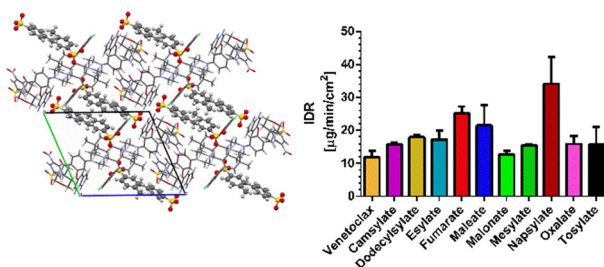
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One-step solvothermal *in situ* synthesis of NiMOF nanosheets for high-performance supercapacitor applications

Xiaojing Wang, Fenglian Lu, Zongjin Wu, Kuantao Zhang, Song Li, Rui Tu, Sha Luo, Hongyan Pan,* Keliang Wang* and Qian Lin*

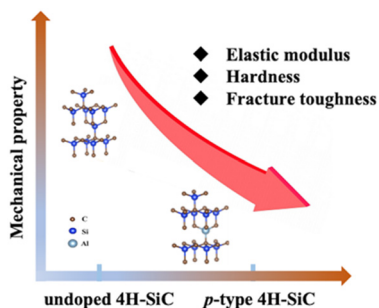
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Pharmaceutical salts of venetoclax with dicarboxylic and sulfonic acids: solid-state characterization and dissolution performance

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

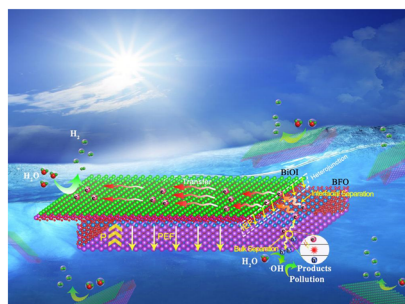
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The role of aluminum doping in shaping the mechanical properties of p-type 4H-SiC

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

1837



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

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

