CrystEngComm

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

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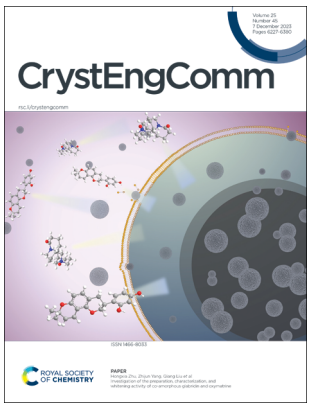

Cover
See Hongxia Zhu, Zhijun Yang, Qiang Liu *et al.*, pp. 6252–6265. Image reproduced by permission of Qiang Liu from *CrystEngComm*, 2023, **25**, 6252.

HIGHLIGHT

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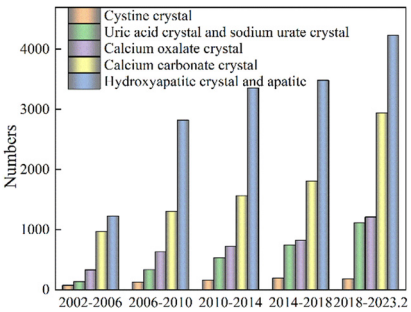
Progress in the regulation of pathological crystallization

Zhonghua Li, Yingshuang Meng, Mingyang Yu,* Xiaobin Jiang* and Gaohong He*



COMMUNICATION

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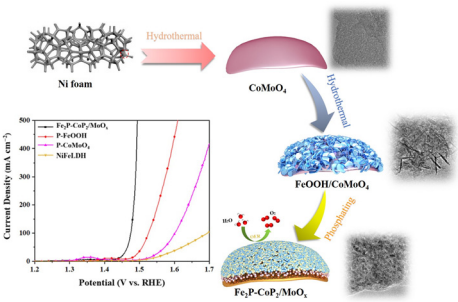
Construction of 2D heterostructure Fe_2P–CoP_2/MoO_x nanosheets for efficient oxygen evolution reaction

Guan Sheng, Yanghang Fang, Shuangyang Zhao, Ruilin Lyu, Huijun Song,* Hui Jin, Hasmaliza Mohamad, Che Azurahanim Che Abudullah, Soorathep Kheawhom, Wei Shao, Ruilian Yin* and Ahmad Azmin Mohamad*



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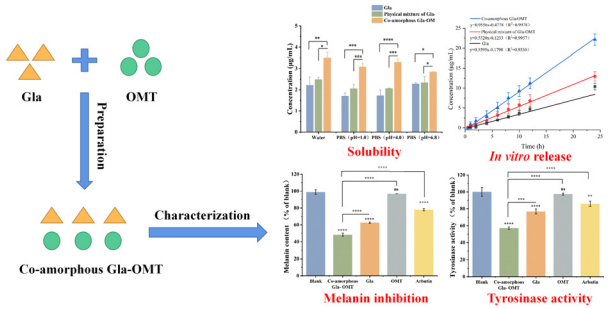
Investigation of the preparation, characterization, and whitening activity of co-amorphous glabridin and oxymatrine

Peiyi Liang, Yi Hu, Zhuxian Wang, Yinglin Guo, Hongkai Chen, CuiPing Jiang, Quanfu Zeng, Chunyan Shen, Yufan Wu, Li Liu, Yankui Yi, Hongxia Zhu,* Zhijun Yang* and Qiang Liu*



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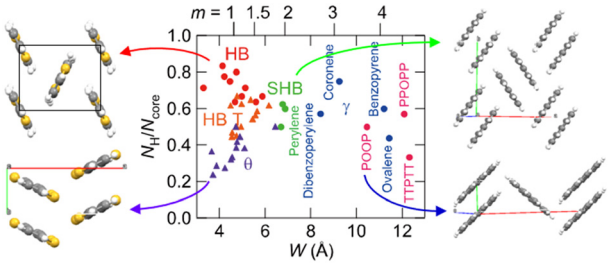
Classification of crystal structures of thiophene-containing organic semiconductors

Takehiko Mori



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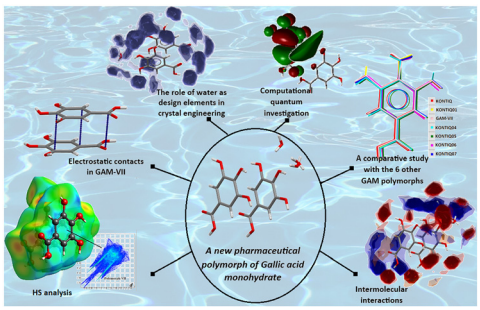
Crystal engineering of a new pharmaceutical polymorph of gallic acid monohydrate: a structural comparative study and chemical computational quantum investigations

Nasreddine Ghouari, Rim Benali-Cherif,* Radhwane Takouachet, Wahiba Falek, Djallila Missaoui, Ali Rahmouni, El-Eulmi Bendeif and Nourredine Benali-Cherif



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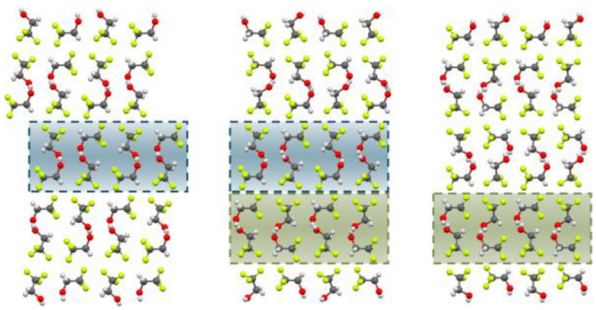
The rich structural phase behaviour of 2,2,2-trifluoroethanol

S. A. Barnett, C. L. Bull, N. P. Funnell and D. R. Allan*



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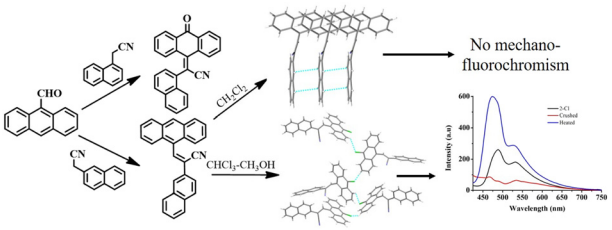

Anthracene–naphthylacetonitrile fluorescent isomers and Cl/H substituent dependent molecular packing, solid-state fluorescence and mechanofluorochromism

Sasikala Ravi, Prakash Priyadharshini, Subramanian Karthikeyan, Mehboobali Pannipara, Abdullah G. Al-Sehemi, Vedichi Madhu, Dohyun Moon* and Savarimuthu Philip Anthony*

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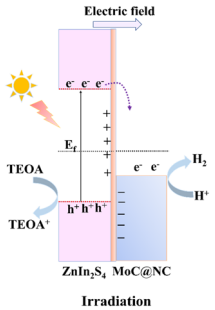

MoC@NC cocatalyst-modified $ZnIn_2S_4$ with strong 2D/2D hetero-interface interaction for efficient H_2 evolution

Lu Chen,* Deling Wang, Renkun Huang,* Ruowen Liang, Linzhu Zhang, Shaoming Ying* and Guiyang Yan

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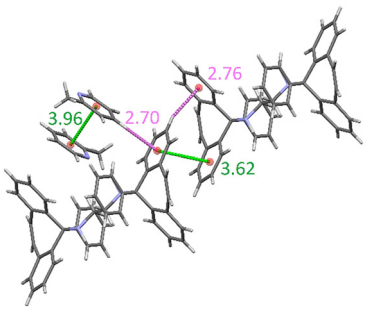

The behaviour of tricyclic fused host systems comprising seven-membered B-rings in mixed pyridines

Benita Barton,* Mino R. Caira,* Danica B. Trollip and Eric C. Hosten

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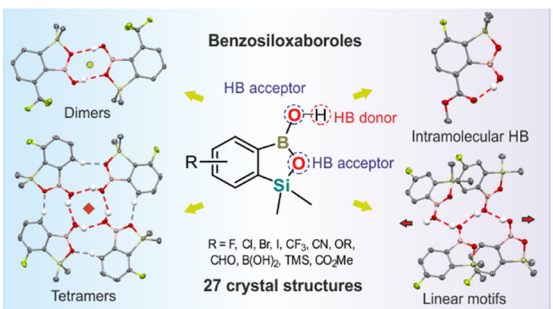

Exploring the effect of substitution patterns on the symmetry of hydrogen-bonded supramolecular motifs in functionalized benzosiloxaboroles

Krzysztof Durka,* Adam Zuba, Paulina H. Marek-Urban, Krzysztof Nowicki, Jakub Drapała, Krzysztof Woźniak and Sergiusz Luliński*

PAPERS

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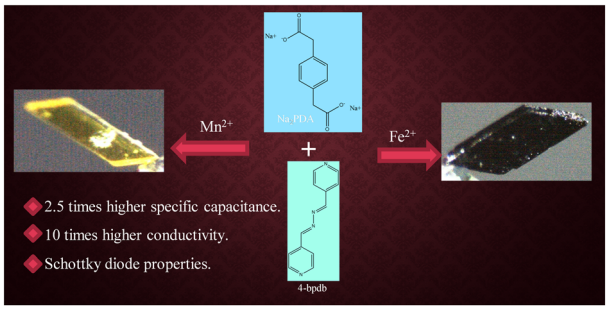
Differential supercapacitor and Schottky diode behaviours in two new isostructural coordination polymers based on redox active metal ions

Chhatan Das, Subhrajyoti Debnath, Vishwas D. Patel, Dhritiman Gupta, Anjan Banerjee* and Partha Mahata*



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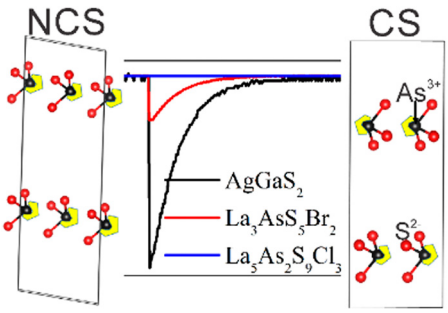
Visualizing the alignment of lone pair electrons in $La_3AsS_5Br_2$ and $La_5As_2S_9Cl_3$ to form an acentric or centrosymmetric structure

Andrea Cicirello, Andrew Swindle and Jian Wang*



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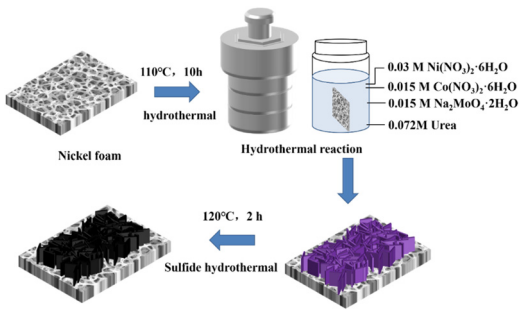
Controllable sulfidation of polymetallic nickel cobalt molybdenum layered double hydroxides on Ni foam for high-performance hybrid supercapacitors

Dapeng Luo, Jinping Zou, Zhaohui Wei, Xiaoyun Ye,* Qianting Wang and Li-An Ma*



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Supporting coordination through hydrogen bonding in lanthanide complexes of 7-azaindole-*N*-oxide

Oskar G. Wood, Leanne Jones and Chris S. Hawes*