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See Yann Garcia *et al.*, pp. 6848–6864. Image reproduced by permission of Yann Garcia from *CrystEngComm*, 2025, 27, 6848.

EDITORIAL

6846

Fusing frameworks

Paolo Falcaro* and Christian J. Doonan*

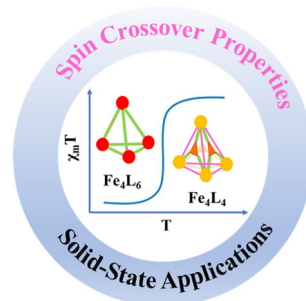


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Recent advances in spin crossover Fe(II) tetrahedral metal-organic cages and their solid-state applications

Weiyang Li, Xiaochun Li, Mengmeng Wang, Yanfeng Bi and Yann Garcia*





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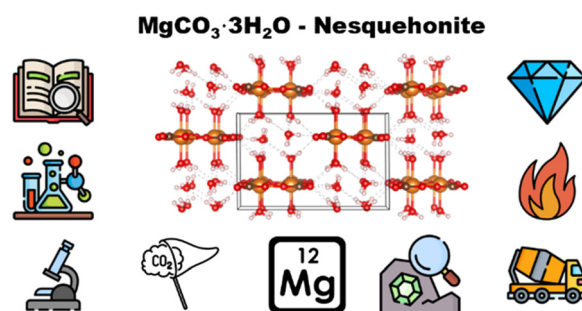


HIGHLIGHTS

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A comprehensive review of the chemical and structural behavior of $\text{MgCO}_3 \cdot 3\text{H}_2\text{O}$ nesquehonite: insights into its stability and functionality

B. D. Botan-Neto and D. Santamaría-Pérez*

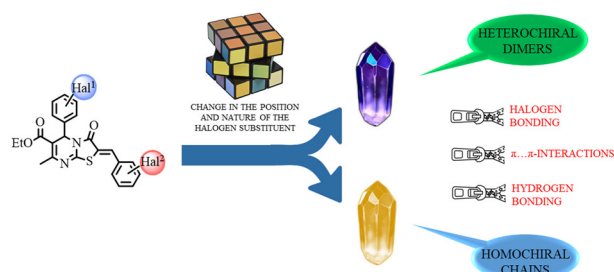


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Supramolecular interplay: how non-covalent bonds affect the crystal packing of 2-arylmethylenethiazolo[3,2-a]pyrimidines

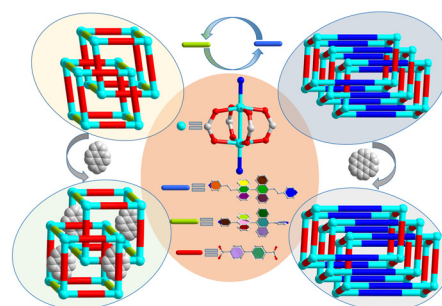
Dilyara O. Mingazhetdinova, Anna A. Nefedova, Andrey A. Kozhikhov, Artem S. Agarkov,* Igor A. Litvinov, Lubov V. Frantsuzova, Daut R. Islamov, Svetlana E. Solovieva and Igor S. Antipin



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Synergistic ligand-guest engineering for topological and functional control in cobalt(II)-based metal-organic frameworks

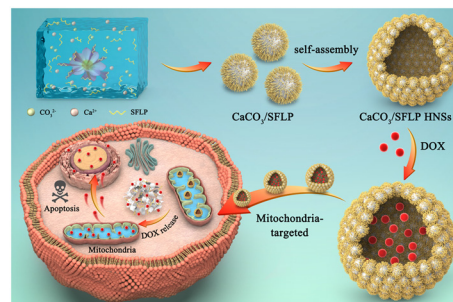
Huatian Shi, Yuluan Liao, Lianxiang Li, Po Sun,* Xianwen wei* and Weibin Yu*



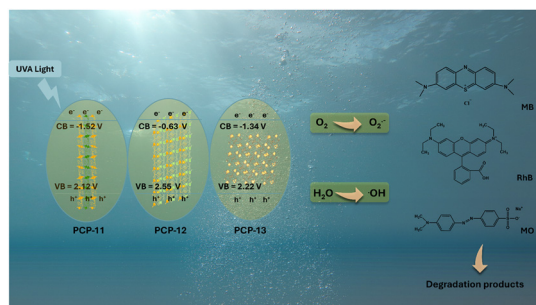
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Lotus pollen extract-regulated calcium carbonate hollow nanospheres as efficient mitochondria-targeted drug carriers

Jie Zhang, Yi Chang,* Han Li, Weike Shi, Zhihao Chen, Lina Ding, Xinhe Liu, Xiaoming Ma* and Yuming Guo*



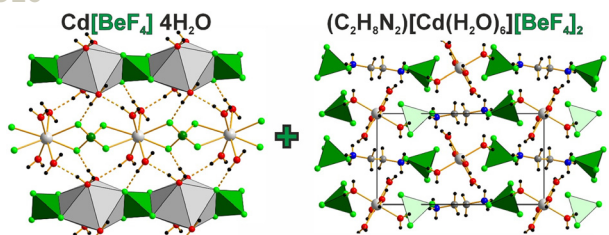
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Bipyridine-functionalized Cd(II) coordination frameworks based on robust cyclophosphazenes: structural engineering toward enhanced photocatalytic activity

Elif Özcan and Yunus Zorlu*

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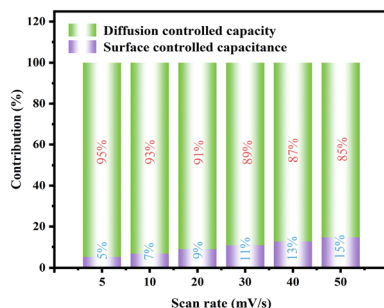


Sulfates, selenates, and fluoroberyllates are not isostructural

When sulfate, selenate, and fluoroberyllate are not isostructural analogs: the case of Cd[BeF₄] \cdot 4H₂O and (C₂H₈N₂)[Cd(H₂O)₆][BeF₄]₂

D. O. Charkin, V. E. Kireev, A. M. Banaru, A. A. Kompanchenko, I. G. Tananaev and S. M. Aksenov*

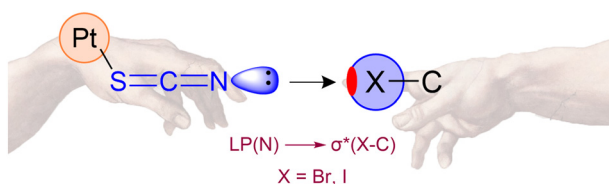
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CoMoO₄@Ni(OH)₂ electrode materials for high-performance flexible hybrid capacitors

Wei Jia, Qi He, Zhiqiang Guo* and Xiang Wu*

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Crystal engineering with ambidentate thiocyanate: thiocyanate nitrogen as a halogen bond acceptor in platinum(II) complexes

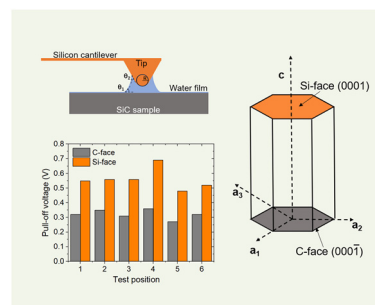
Elina V. Antonova, Maria V. Kashina, Daniil M. Ivanov, Nadezhda A. Bokach* and Mikhail A. Kinzhalov*



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Efficient polarity recognition in p-type 4H-SiC single crystals using pull-off force signatures

Zhanren Sui, Weiyi Wang, Yuanchao Huang,*
Xiaodong Pi,* Deren Yang and Weiqun Lu*



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Investigation of the role of filtration in suppressing laser-induced nucleation of glycine

Thomas Kendall, Divia Hobson, Nadeem Javid,
Iain S. Burns and Jan Sefcik*

