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ISSN 1466-8033 CODEN CRECF4 27(41) 6689-6838 (2025)



Cover See Masato Morita, Shiqeyuki Yamada et al., pp. 6735-6741. Image reproduced by permission of Shigeyuki Yamada from CrystEngComm, 2025, 27, 6735.

EDITORIAL

6696

MOFs in Asia

Hoi Ri Moon,* Sarah S. Park and Jihye Park

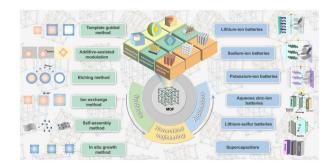


HIGHLIGHTS

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Hierarchical MOFs and derivatives toward advanced electrode materials for electrochemical energy storage

Zimeng Shao, Kai Shi, Jiahao Wei, Lina Zhou,* Dandan Han* and Junbo Gong







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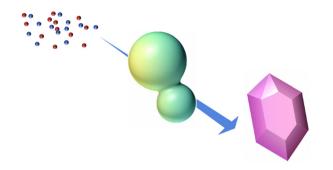
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HIGHLIGHTS

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Liquid-liquid phase separation into reactant-rich precursors during mineral crystallization

David Carriere,* Jade Raimbault, Mark A. Levenstein and Corinne Chevallard

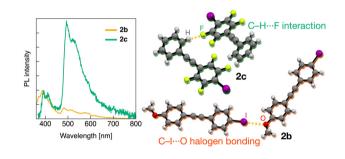


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Interplay of C-H···F and halogen bonding interactions for tunable room-temperature phosphorescence in iododiphenylacetylene systems

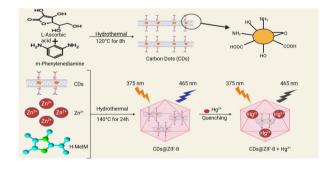
Masato Morita,* Motohiro Yasui, Tsutomu Konno and Shigeyuki Yamada*



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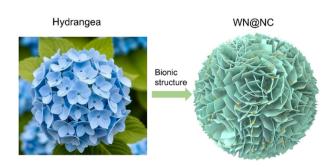
A fluorescent nanohybrid sensor based on carbon dots encapsulated in a metal organic framework for highly selective and sensitive detection of mercury

Imtiyaz Ahmad Lone and Jigneshkumar V. Rohit*



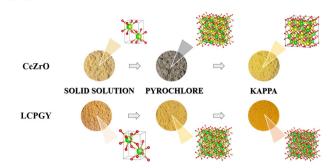
3D bionic flower-like structure water-storage microcapsule evaporator for efficient solar interfacial evaporation

Wen Wang, Jixin Yao, Jintao Zhao, Xiuying Wang, Haili Zhang, Song Ye,* Feng Du* and Guang Li*



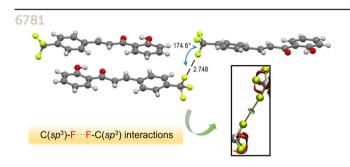
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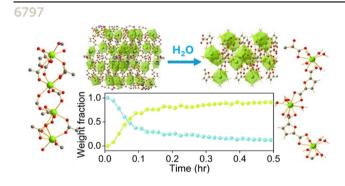
From solid solution towards pyrochlore and kappa phases: introducing configurational entropy in ordered ceria-zirconia systems

Stjepan Šarić, Dalibor Tatar, Tina Skalar, Marjan Marinšek, Cora Bartus Pravda, Ákos Kukovecz, Imre Szenti, Matjaž Finšgar, Igor Djerdj and Jelena Kojčinović*



Deciphering weak hydrogen bonds, halogen bonds, and π -stacking interactions in two fluorinated 2'hydroxychalcones: insights from experimental and theoretical analysis

María Lucrecia Arias Cassará, Hiram Pérez.* Lilian E. Davies, Gustavo A. Echeverría, Oscar E. Piro and Diego M. Gil*



Solvent induced structural transformation of a cerium(III) 2,5-furandicarboxylate metal-organic framework

Satarupa Das, Jeremiah P. Tidey, Jie Liu, Katie S. Pickering, James C. Coe, Marc Walker and Richard I. Walton*

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Growth and characterization of 6 inch Ca₃Ta(Ga_{0.25}Al_{0.75})₃Si₂O₁₄ for high-temperature piezoelectric applications

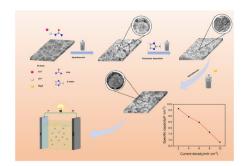
Kainan Xiong,* Xiaoniu Tu, Sheng Wang, Yanqing Zheng,* Jianjun Chen* and Erwei Shi

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Sulfidation of ZIF-derived templates for preparing $(Zn_{0.2}Co_{0.8})(OH)_2/Zn_xCo_{1-x}S$ heterostructures toward high-performance supercapacitors

Ping Yang,* Siying Wu, Ziqing Wang, Yuxi Qian and Yao Jiang

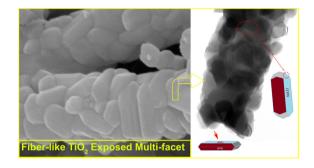


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How to prepare exposed facet fiber-like hierarchical arrays: a facile scalable aqueous route to thermodynamically stable biphasic TiO₂(A)/TiO₂(R) exposed multiple facets

Zahed Shami* and Bafrin Khanyaghma

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CORRECTION

6836

Correction: Efficient solvent-free mechanochemical synthesis of CALF-20 for carbon dioxide capture

Natchaya Phongsuk, Chalarat Chaemchamrat, Taya Ko Saothayanun, Nopphon Weeranoppanant and Sareeya Bureekaew*