

CrystEngComm

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

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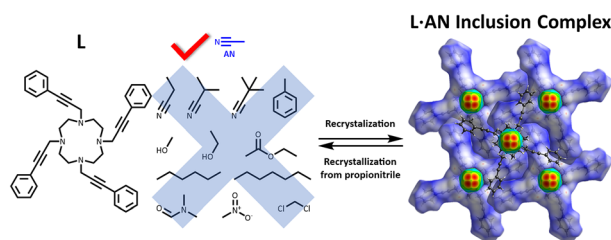
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COMMUNICATIONS

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A molecular sponge that exclusively adsorbs acetonitrile

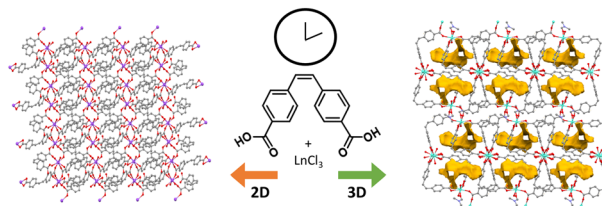
Yoichi Habata,* Ayumi Wada, Eunji Lee, Huieyong Ju, Yuki Yoshiba, Hiroki Horita, Jun-ichi Ishii, Mari Ikeda and Shunsuke Kuwahara



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(Z)-4,4'-Stilbene dicarboxylic acid, the overlooked metal-organic framework linker

Lucy R. Hunter,* Joshua K. G. Karlsson, Jonathan D. Sellars and Michael R. Probert*



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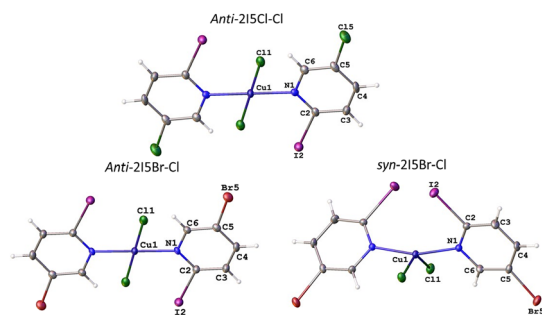
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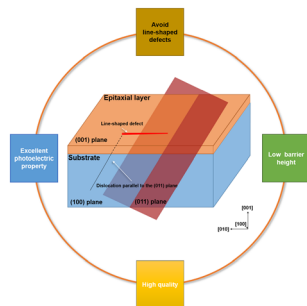
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Halogen bond and polymorphism in *trans*-bis(2-iodo-5-halopyridine)dihalocopper(II) complexes: crystallographic, theoretical and magnetic studies

Firas F. Awwadi,* Manal I. Alwahsh, Mark M. Turnbull and Christopher P. Landee

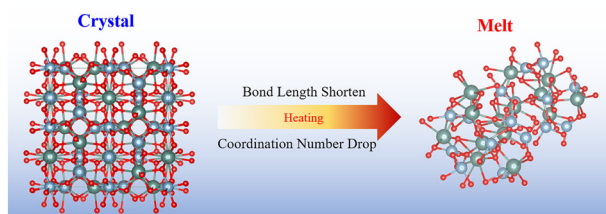
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Growth and characterization of the β -Ga₂O₃ (011) plane without line-shaped defects

Boyang Chen, Wenxiang Mu,* Yiyuan Liu, Pei Wang, Xu Ma, Jin Zhang, Xuyang Dong, Yang Li,* Zhitai Jia and Xutang Tao

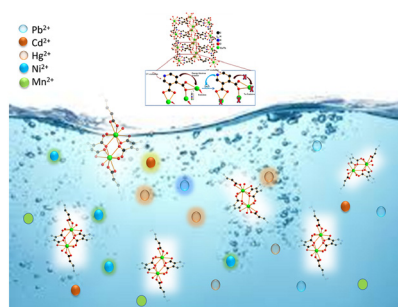
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Molecular dynamic simulations of the liquid structure and fast growth of Y₃Al₅O₁₂

Xianjie Zhang, Feng Liu, Kunfeng Chen, Guilin Zhuang, Chao Peng and Dongfeng Xue*

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Selective and efficient detection of Pb²⁺ in aqueous solution by lanthanoid-organic frameworks bearing pyridine-3,4-dicarboxylic acid and glutaric acid

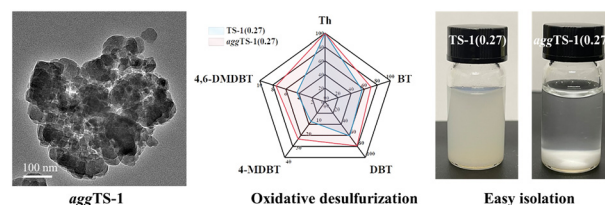
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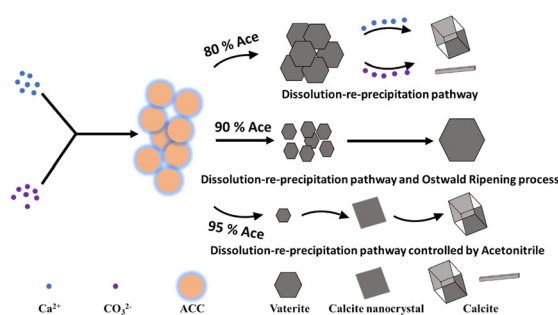
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Phase transformation of calcium carbonate in acetonitrile/H₂O mixed solvents: effects of water content and dielectric constant

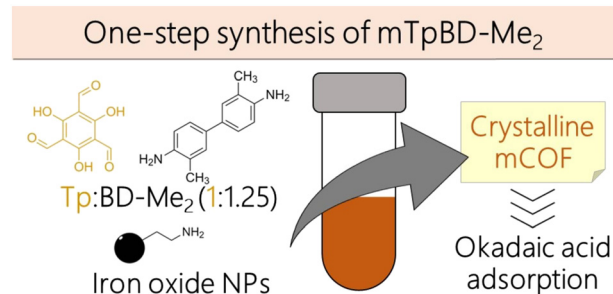
Wenwu Zou, Zhenze Xie and Chang Du*



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One-step synthesis of magnetic covalent organic framework composite for the adsorption of marine toxin okadaic acid

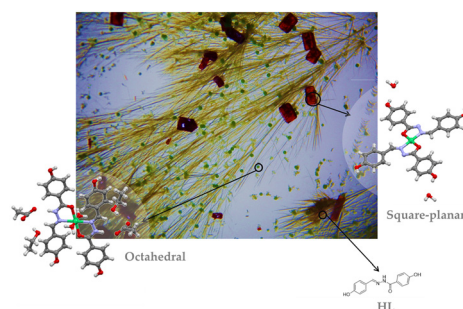
Vanesa Romero, Soraia P. S. Fernandes, Liliana P. L. Gonçalves, Orlando Oliveira, Maria Meledina, Karol Strutyński, Manuel Melle-Franco, Yury V. Kolen'ko, Begoña Espiña* and Laura M. Salonen*



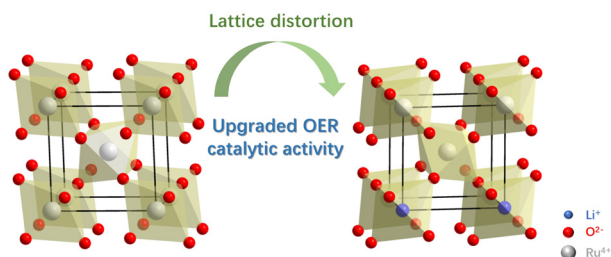
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Square-planar and octahedral nickel complexes of an acylhydrazone ligand and the serendipitous isolation of a potential octahedral nickel acylhydrazone precursor

Rosa Carballo, Ana Belén Lago,* María Vázquez-Toirán, Laura Estévez and Ezequiel M. Vázquez-López*



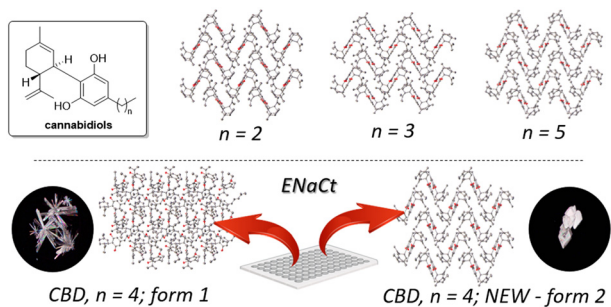
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Alkali metal doped ruthenium dioxide nanosheets with lattice distortion as highly active oxygen evolution electrocatalysts in acidic media

Hai Tang, Ming Kong, Wenwen Cao, Wenguang Ma, Jianjun Ding, Chuanxin Shi,* Xiaodong Yang,* Qi Shen* and Yiqiang Sun

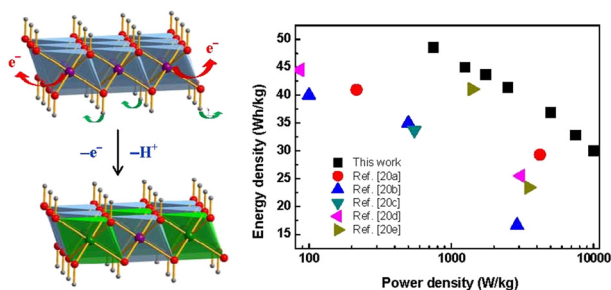
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Polymorph prediction through observed structural isomorphism leading to a new crystalline form of cannabidiol

Hannah E. Straker,* Lynn McMillan,* Lina Mardiana, Glen R. Heberd, Elle Watson, Paul G. Waddell, Michael R. Probert* and Michael J. Hall*

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Ce³⁺ ion regulated CoNi-hydroxides for ultrahigh charge rate supercapacitors

Fei Liu, Mengying Zhao, Kunfeng Chen,* Mei Hu* and Dongfeng Xue*

