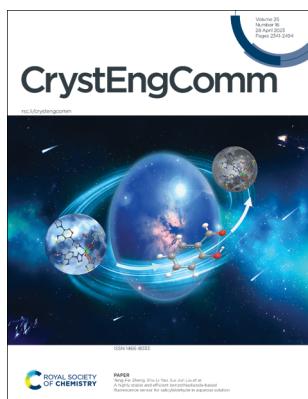


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### Cover

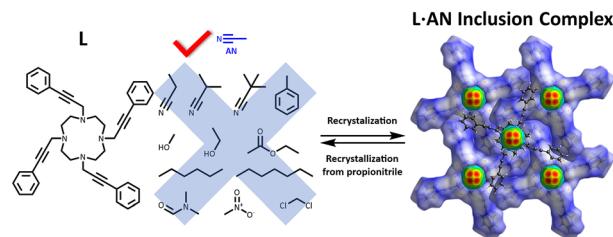
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## COMMUNICATIONS

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### A molecular sponge that exclusively adsorbs acetonitrile

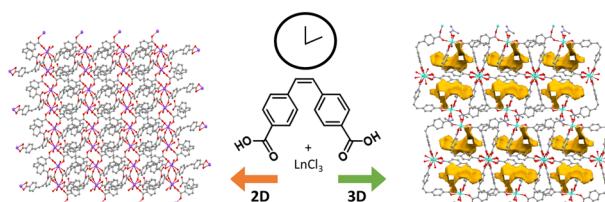
Yoichi Habata,\* Ayumi Wada, Eunji Lee, Huiyong Ju,  
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### (Z)-4,4'-Stilbene dicarboxylic acid, the overlooked metal-organic framework linker

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



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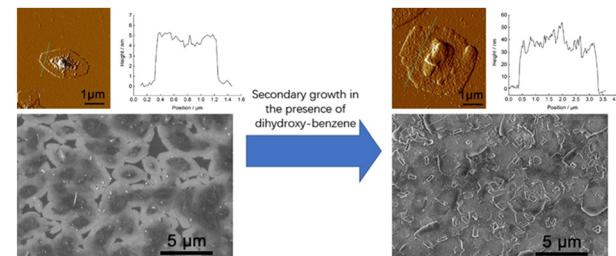


## COMMUNICATIONS

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**Twin suppression effect of dihydroxy-benzene isomers during the secondary growth of *b*-oriented zeolite MFI nanosheet films**

Ruilan Xu, Yong Peng,\* Peng Lu, Yurun Miao, Xuekui Duan, Dennis T. Lee, Rui Wang, Zhengbao Wang\* and Michael Tsapatsis\*

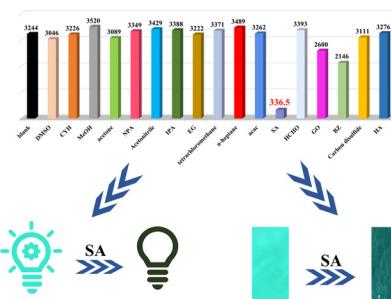


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**A highly stable and efficient benzothiadiazole-based fluorescence sensor for salicylaldehyde in aqueous solution**

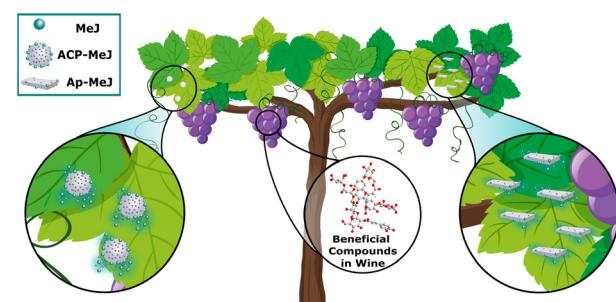
Xiao-Long Yan, Xiao-Qin Cao, Cheng-Rui Deng, Teng-Fei Zheng,\* Shu-Li Yao\* and Sui-Jun Liu\*



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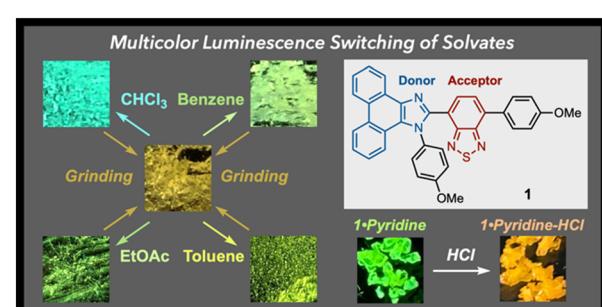
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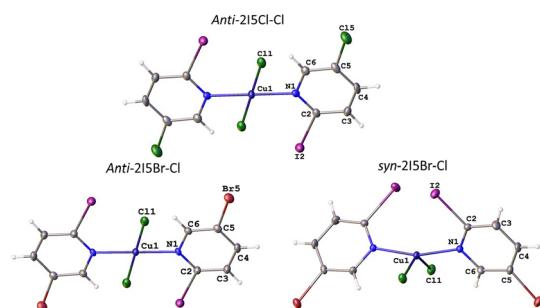
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Takumi Yagi, Takashi Tachikawa and Suguru Ito\*



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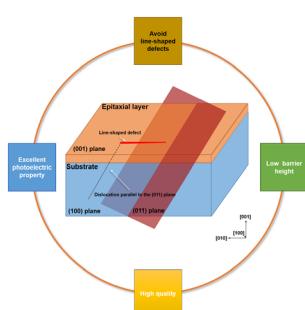
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Firas F. Awwadi,\* Manal I. Alwahsh, Mark M. Turnbull and Christopher P. Landee

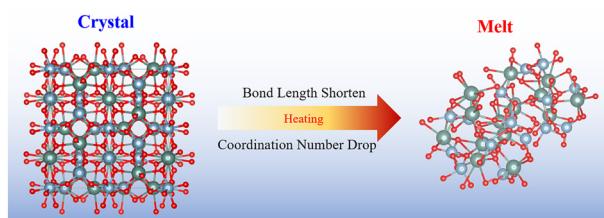
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Boyang Chen, Wenxiang Mu,\* Yiyuan Liu, Pei Wang, Xu Ma, Jin Zhang, Xuyang Dong, Yang Li,\* Zhitai Jia and Xutang Tao

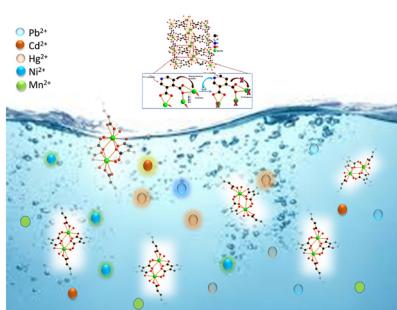
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Xianjie Zhang, Feng Liu, Kunfeng Chen, Guilin Zhuang, Chao Peng and Dongfeng Xue\*

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Zaib ul Nisa, Nargis Akhter Ashashi, Richa Singhaal, Musheer Ahmad, Rosa M. Gomila, Antonio Frontera and Haq Nawaz Sheikh\*

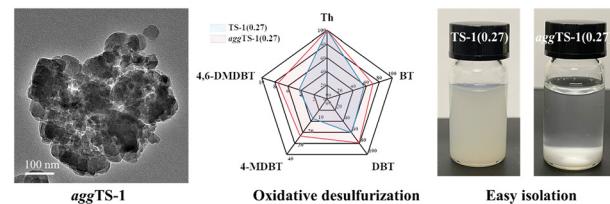


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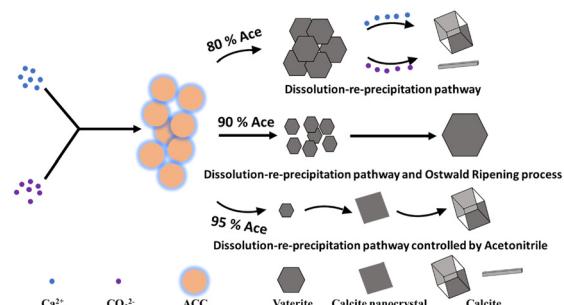
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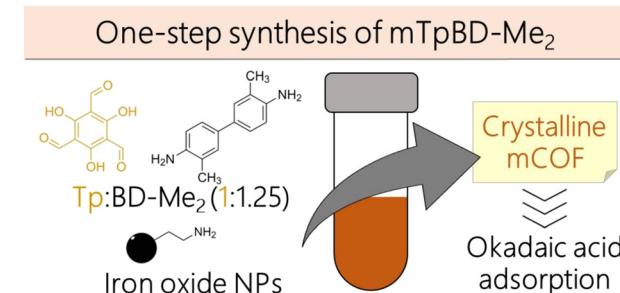
Wenwu Zou, Zhenze Xie and Chang Du\*



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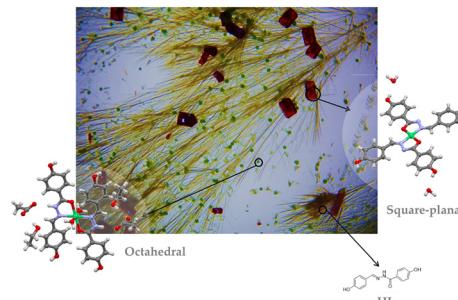
Vanesa Romero, Soraia P. S. Fernandes, Liliana P. L. Gonçalves, Orlando Oliveira, Maria Meledina, Karol Strutyński, Manuel Melle-Franco, Yury V. Kolen'ko, Begoña Espiña\* and Laura M. Salonen\*



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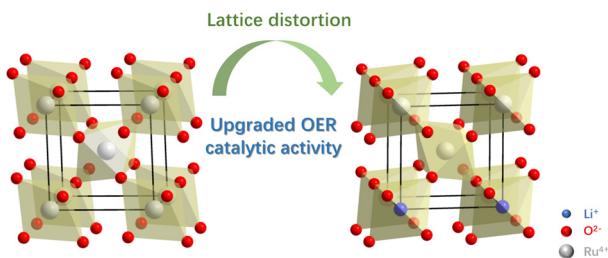
**Square-planar and octahedral nickel complexes of an acylhydrazone ligand and the serendipitous isolation of a potential octahedral nickel acylhydrazone precursor**

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



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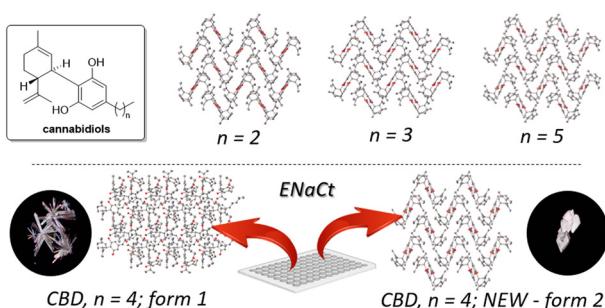
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Hai Tang, Ming Kong, Wenwen Cao, Wenguang Ma, Jianjun Ding, Chuanxin Shi,\* Xiaodong Yang,\* Qi Shen\* and Yiqiang Sun

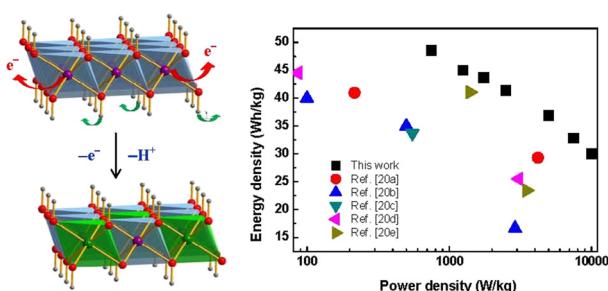
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**Polymorph prediction through observed structural isomorphism leading to a new crystalline form of cannabidiol**

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

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**Ce<sup>3+</sup> ion regulated CoNi-hydroxides for ultrahigh charge rate supercapacitors**

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

