

# CrystEngComm

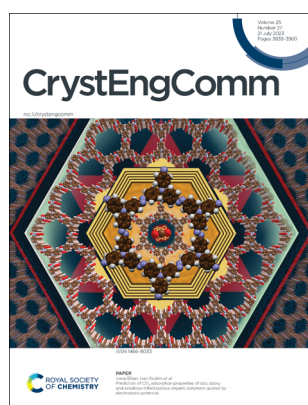
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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## IN THIS ISSUE

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### Cover

See Ivana Biljan, Ivan Kodrin et al., pp. 3870-3884. Image reproduced by permission of Ivana Biljan from *CrystEngComm*, 2023, 25, 3870.

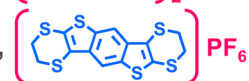
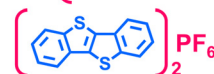
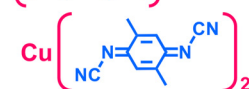
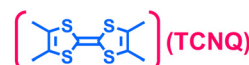
## HIGHLIGHT

3846

### Boundary research between organic conductors and transistors: new trends for functional molecular crystals

Tomofumi Kadoya\* and Toshiki Higashino\*

“Organic conductors”  
attractive candidates for organic electrodes



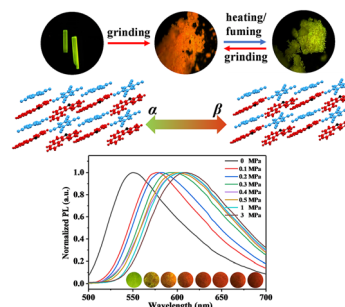
“Field-effect transistors”

## COMMUNICATIONS

3861

### Changes in piezochromic luminescence of a charge transfer complex subjected to grinding and isotropic compression

Shuai Wang, Wenxin Xiang, Chen Pan, Jinqiu Chen, Wenju Li, Jing Zhang,\* Jianfeng Zhao\* and Guangfeng Liu\*



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# CrystEngComm

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

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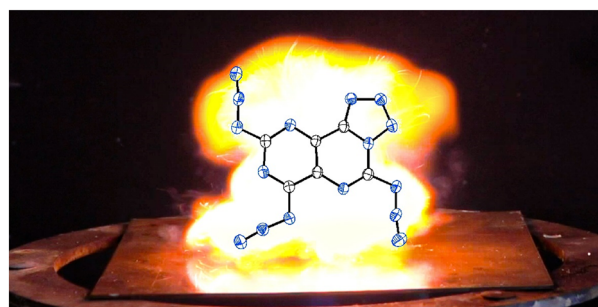


## COMMUNICATIONS

3866

**2,4,6,8-Tetraazidopyrimido[5,4-d]pyrimidine: a novel energetic binary compound**

Kristaps Leškovskis, Anatoly Mishnev, Irina Novosjolova, Burkhard Krumm, Thomas M. Klapötke and Māris Turks\*

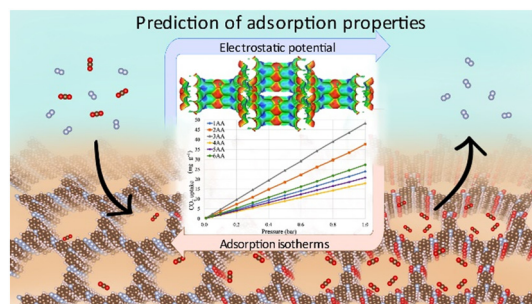


## PAPERS

3870

**Prediction of CO<sub>2</sub> adsorption properties of azo, azoxy and azodioxy-linked porous organic polymers guided by electrostatic potential**

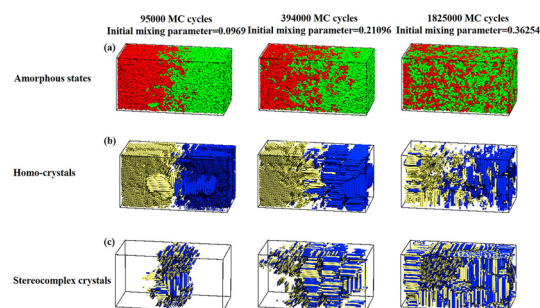
Tea Frey, Barbara Panić, Petar Šutalo, Mladen Borovina, Ivana Biljan\* and Ivan Kodrin\*



3885

**Local segmental miscibility dominating stereocomplex crystallization in polymer blends**

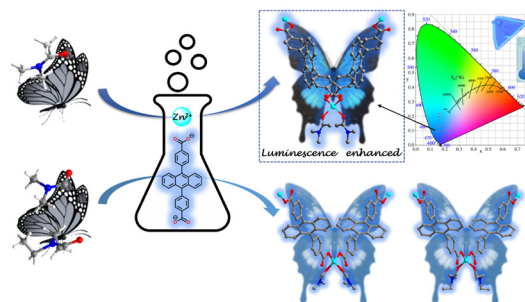
Qian Zhu, Jianlong Wen, Mingyang Ma and Yijing Nie\*



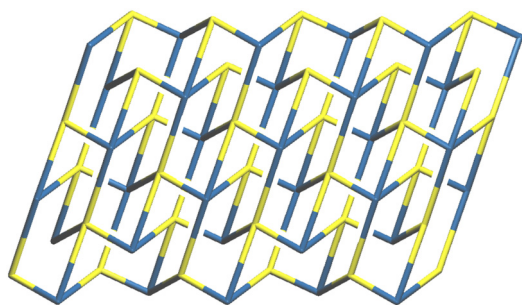
3896

**Modulating the luminescent performances on blue-emitting coordination polymers via tuning the end-solvent molecules**

Hui Hu, Zhen-Wei Zhang, Da-Shuai Zhang,\* Xue Zhou, Hui Ji, Yong-Zheng Zhang, Yuchen Deng, Longlong Geng,\* Xiuling Zhang, Chao Lv, Rongmin Wei and Jin-Hua Wang\*



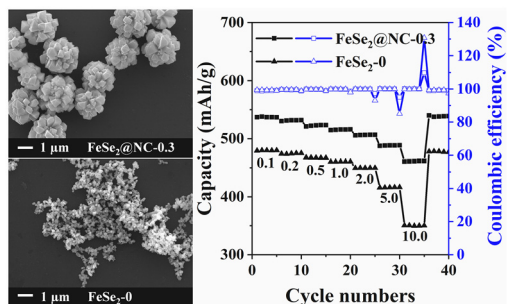
3904



### Triple-armed aliphatic tricarboxylic acids as sources of ligands for uranyl ion: influence of bridgehead functionalization

Pierre Thuéry,\* Youssef Atoini and Jack Harrowfield\*

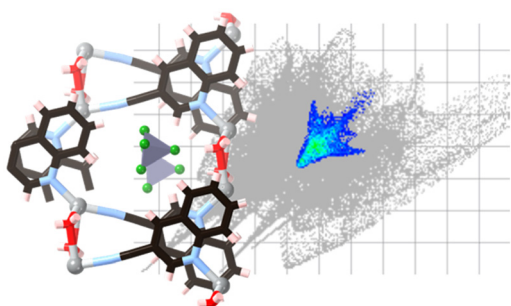
3916



### FeSe<sub>2</sub> nanocrystalline aggregated microspheres with ultrahigh pseudocapacitive contribution for enhanced sodium-ion storage

Peiyuan Wang,\* Yihang Hou, Gencheng Deng, Zhuofan Liu, Yonghao Li, Denggui Zhu, Dongjie Guo and Sunmin Sun\*

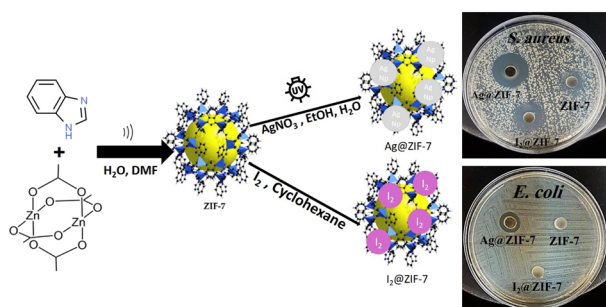
3922



### Synthesis, structure diversity, and antimicrobial studies of Ag(I) complexes with quinoline-type ligands

Amal Yousri, Matti Haukka, Morsy A. M. Abu-Youssef,\* Mohammed Salah Ayoup,\* Magda M. F. Ismail, Nagwan G. El Menofy, Saied M. Soliman, Assem Barakat, Françoise M. Amombo Noa and Lars Öhrström\*

3931



### Prolonged release of silver and iodine from ZIF-7 carrier with great antibacterial activity

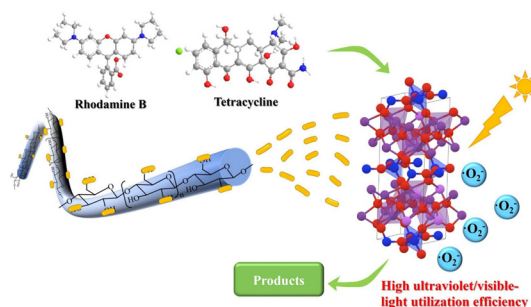
Alireza Davoodi, Kamran Akhbari\* and Mohammadreza Alirezvani



3943

### Cellulose-templated $\text{Bi}_2\text{SiO}_5$ nanorods with enhanced UV/vis light utilization efficiency for high-performance photocatalytic degradation of organic contaminants

Yiyan Cai, Shuo Zhang, Weizhi Zhu, Haohang Fang, Hongjie Wang, Shaohong Shi, Jianping Sun, Yiqiang Wu and Fangchao Cheng\*



3953

### Two new manganese-based phosphomolybdate compounds as electrochemical sensors for the highly sensitive trace determination of heavy metal $\text{Cr}(\text{VI})$ ions

Jinling Wang, Xiaohui Liu, Zhihan Chang,\* Na Xu\* and Xiuli Wang

