

# 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

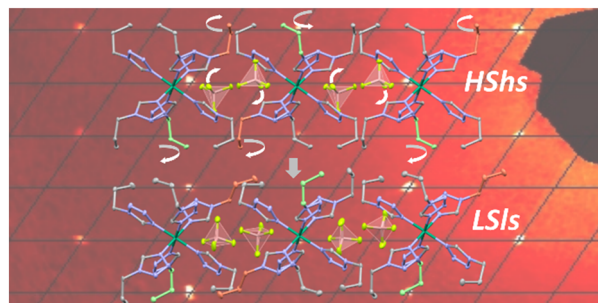
See Pradip Chakraborty, Francisco Javier Valverde-Muñoz, Eric Collet *et al.*, pp. 3588–3597. Image reproduced by permission of Eric Collet from *CrystEngComm*, 2023, 25, 3588.

## COMMUNICATIONS

3588

### Ferroelastic phase transition and the role of volume strain in the structural trapping of a metastable quenched low-spin high-symmetry phase in $[\text{Ru}_{0.35}\text{Fe}_{0.65}(\text{ptz})_6](\text{BF}_4)_2$

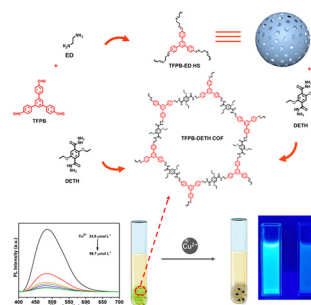
Francisco Javier Valverde-Muñoz\*, Ricardo Guillermo Torres Ramírez, Abhilash Ulhe, Elzbieta Trzop, Mousumi Dutta, Chinmoy Das, Pradip Chakraborty\* and Eric Collet\*



3598

### Construction of covalent organic frameworks from nanospheres for $\text{Cu}^{2+}$ detection

Wenyue Ma, Zijian Gu, Canran Wang, Liangyu Dong, Zhaoyang Liu, Leijing Liu, Bin Xu and Wenjing Tian\*



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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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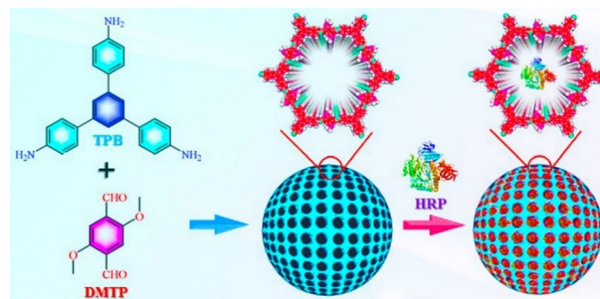


## COMMUNICATIONS

3604

## Enzyme-immobilized spherical covalent organic frameworks as nanoreactors for heterogeneous biocatalysis

Rongrong Yuan, Yujie He, Bo Tang and Hongming He\*

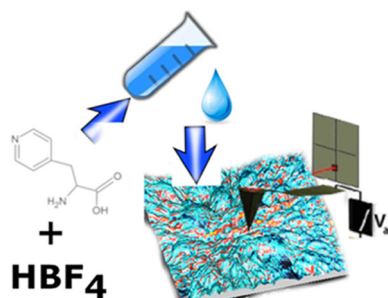


## PAPERS

3609

New hybrid: [H- $\beta$ -(4-pyridyl)-Ala-OH] tetrafluoroborate – crystal structure and strong piezoelectricity

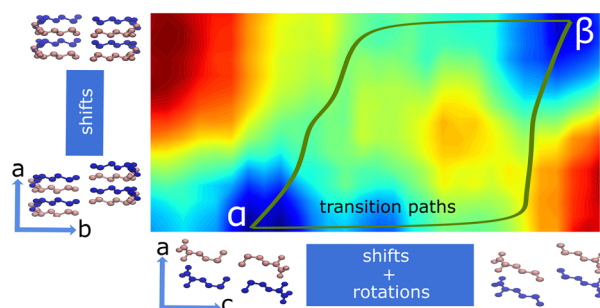
Maciej Wojtaś,\* Tamara J. Bednarchuk and Igor Bdkin



3618

## Simulation of solid-state phase transition in DL-methionine

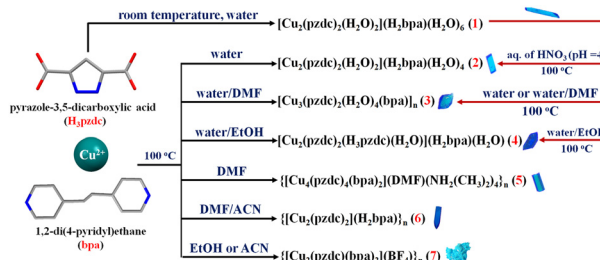
Saba Ghasemlou, Bernd Ensing and Herma M. Cuppen\*



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## Variations in the structural composition of pyrazole-3,5-dicarboxylato Cu(II) complexes with 1,2-di(4-pyridyl)ethane synthesized under different conditions

Fatima Klonddee, Kittipong Chainok, Sujittra Youngme and Jaursup Boonmak\*



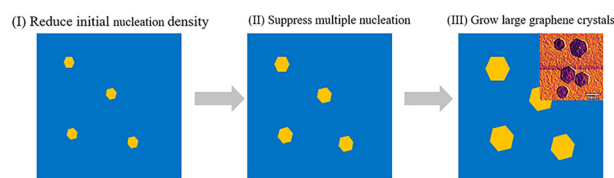


## PAPERS

3682

### Graphene crystals grown on a SiO<sub>2</sub>/Si substrate at low temperatures by controlling the initial nucleation and suppressing subsequent multiple nucleation

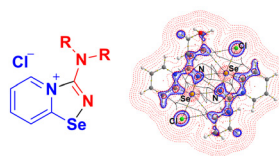
Bing Liu,\* Peng Xiao, Chaohui Liu, Jiamin Li, Yingjie Cao and Siguang Ma\*



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### Mechanistic investigation of 1,3-dipolar cycloaddition between bifunctional 2-pyridylselenyl reagents and nitriles including reactions with cyanamides

Alexey A. Artemjev, Alexey S. Kubasov, Maxim L. Kuznetsov, Mariya V. Grudova, Victor N. Khrustalev, Andreii S. Kritchenkov and Alexander G. Tskhovrebov\*



- ✓ Dipolar cycloaddition between 2-pyridylselenyl reagents and cyanamides
- ✓ Mechanistic investigations
- ✓ Four-center Se<sub>2</sub>N<sub>2</sub> chalcogen bonding

## CORRECTION

3702

### Correction: A crystalline solid adduct of sulfathiazole–amantadine: the first dual-drug molecular salt containing both antiviral and antibacterial ingredients

Ling-Yang Wang, Yue-Ming Yu, Ming-Chao Yu, Yan-Tuan Li,\* Zhi-Yong Wu and Cui-Wei Yan\*

