

CrystEngComm

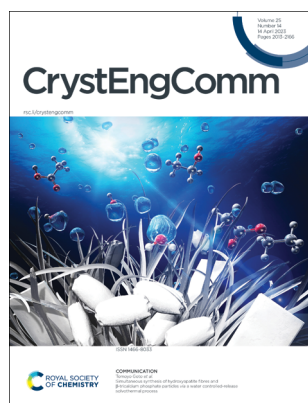
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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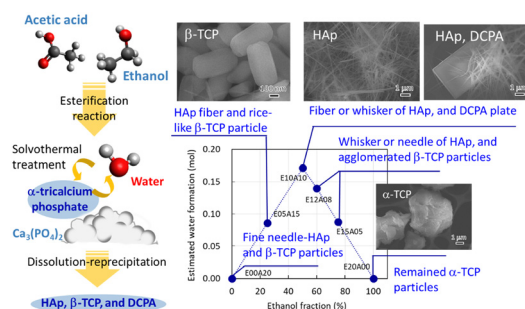
See Tomoyo Goto *et al.*, pp. 2021–2026.
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COMMUNICATIONS

2021

Simultaneous synthesis of hydroxyapatite fibres and β -tricalcium phosphate particles via a water controlled-release solvothermal process

Tomoyo Goto,* Shu Yin, Yusuke Asakura, Sung Hun Cho and Tohru Sekino



2027

Improving the stability of hydrazinium pentazolate through cocrystallization

Jianxin Zhou, Xinyi Li, Tianyang Hou, Ze Xu, Pengcheng Wang, Ming Lu* and Yuangang Xu*



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A journal at the forefront of the design and understanding of solid-state and
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We welcome studies on the investigation of molecular behaviour within crystals, control
of nucleation and crystal growth, engineering of crystal structures, and construction of
crystalline materials with tuneable properties and functions.

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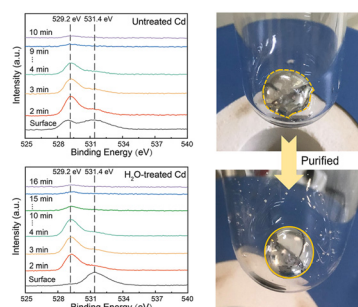


PAPERS

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Study on the trace moisture influence on the adhesion phenomenon in Cd-based crystal growth

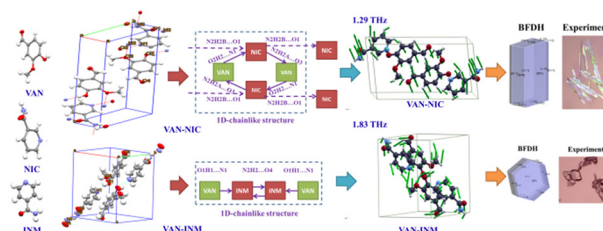
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Terahertz spectroscopic characterization and DFT calculations of vanillin cocrystals with nicotinamide and isonicotinamide

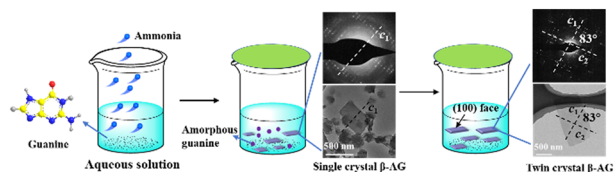
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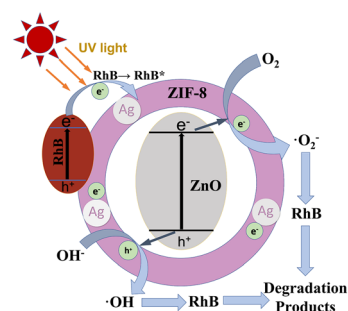
Dongmei Guo, Jingyan Hao, Xiubin Hou, Yujing Ren, Ying Zhang, Juan Gao and Yurong Ma*



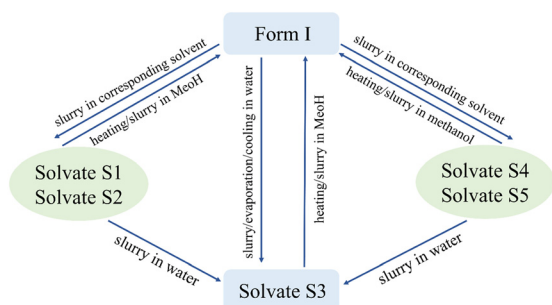
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Synergistic surface modulation of Ag/ZnO@ZIF-8 hybrid microspheres for enhanced photocatalytic degradation efficiency of rhodamine B

Zhi Li and Jin Li*



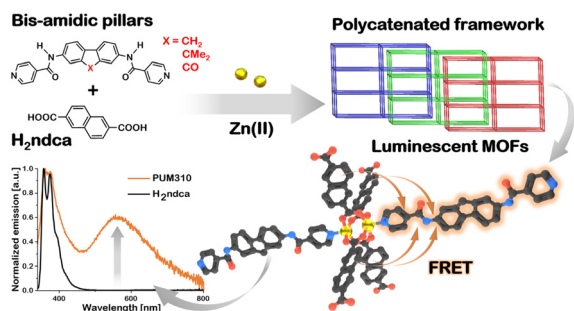
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Mechanistic study of the formation of arbutin polymorphs and solvates

Mukaidaisi Taiwaikuli, Ting Wang,* Kui Chen, Yaoguang Feng, Jiangna Xing, Xin Huang, Na Wang, Lina Zhou and Hongxun Hao*

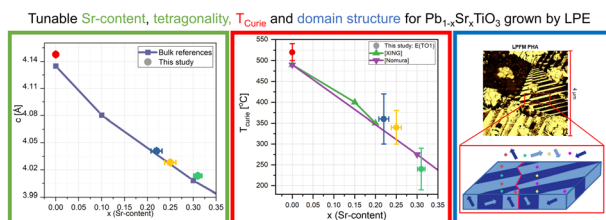
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Luminescence properties of mixed-ligand MOFs containing fluorene scaffolds functionalized with isonicotinoyl arms

Andrea Delledonne, Martina Orlandini, Francesca Terenziani,* Paolo Pio Mazzeo, Alessia Bacchi, Lucia Carlucci, Angiolina Comotti, Jacopo Perego and Paolo Pelagatti*

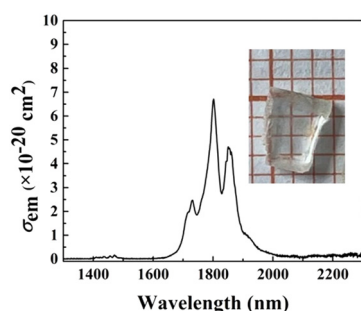
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Tunable crystalline structure and electrical properties of (Pb,Sr)TiO₃ films grown by liquid phase epitaxy

Laura Wollesen,* Paul-Antoine Douissard, Ingrid C. Infante, Jeremie Margueritat, Brice Gautier, Thierry Martin and Christophe Dujardin*

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Growth and spectroscopic properties of Tm³⁺ doped YPO₄ crystal

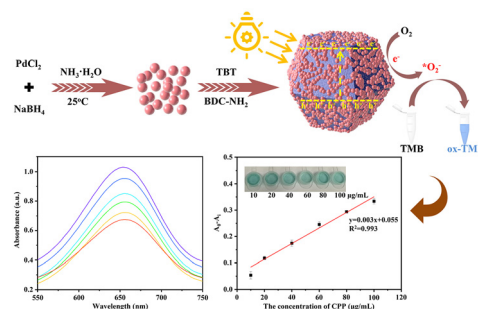
Xiaobo Pan, Pingzhang Yu, Zhengping Wang,* Fapeng Yu* and Xinguang Xu



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The light-responsive oxidase-like activity of MIL-125-NH₂@Pd and its application in the determination of casein phosphopeptides

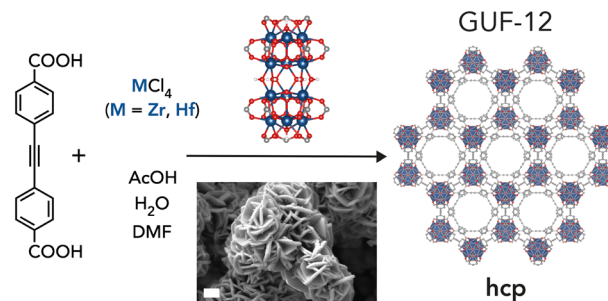
Shi-Jun Yin, Li-Xian Li* and Feng-Qing Yang*



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Modulated self-assembly of hcp topology MOFs of Zr/Hf and the extended 4,4'-(ethyne-1,2-diyl) dibenzoate linker

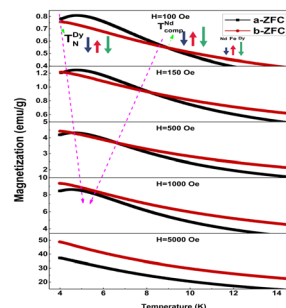
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Nd³⁺ induced twofold continuous spin reorientation transition and magnetization along the *b*-axis in a Dy_{0.9}Nd_{0.1}FeO₃ single crystal

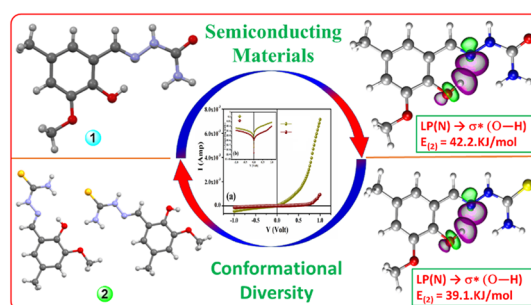
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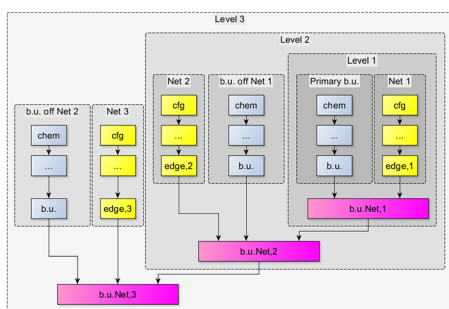
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Combined experimental and theoretical studies of conformationally diverse (thio)semicarbazone-based semiconducting materials

Anangamohan Panja,* Mainak Das, Narayan Ch. Jana, Paula Brandão, Rosa M. Gomila, Joaquín Ortega-Castro, Antonio Frontera* and Partha Pratim Ray*



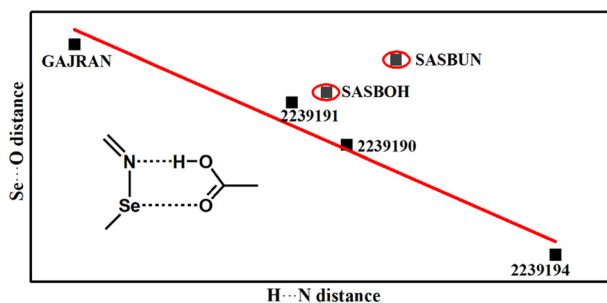
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On the origin of the combinatorial complexity of the crystal structures with 0D, 1D, or 2D primary motifs

Daria A. Banaru,* Wolfgang Hornfeck,
Sergey M. Aksenov* and Alexander M. Banaru

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On the inverse correlation between the hydrogen bond strength and chalcogen bond strength in the cyclic supramolecular heterosynthon $[-\text{Se}-\text{N}=\text{O}] \cdots [\text{HOOC}-]$

Honghong Lan, Shaobin Miao, Yu Zhang
and Weizhou Wang*

