

CrystEngComm

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

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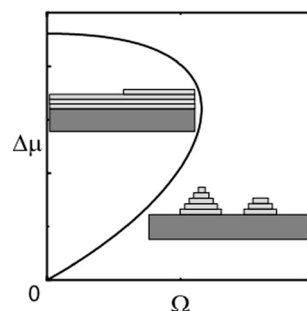
See Jonas Johansson, pp. 6671-6676. Image reproduced by permission of Jonas Johansson from *CrystEngComm*, 2023, 25, 6671. Cover artwork by Anastasia Tsioki.

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Heteroepitaxial growth modes revisited

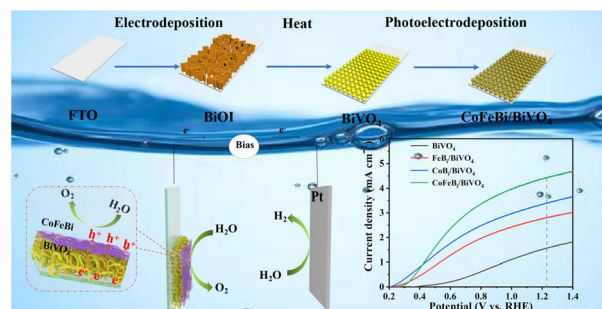
Jonas Johansson*



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The PEC performance of BiVO₄ was enhanced by preparing the CoFeBi/BiVO₄ photoanode using an ultrafast photoassisted electrodeposition method

Xiaojuan Zhao, Yifan Rui, Yan Bai,* Jingwei Huang, Houde She, Jianhong Peng* and Qizhao Wang*



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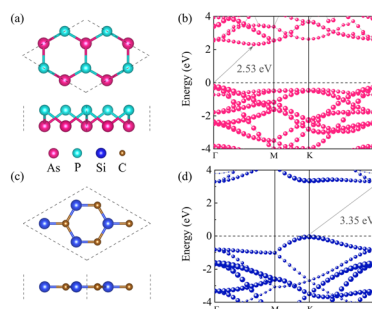
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Rational design of a direct Z-scheme β -AsP/SiC van der Waals heterostructure as an efficient photocatalyst for overall water splitting under wide solar spectrum

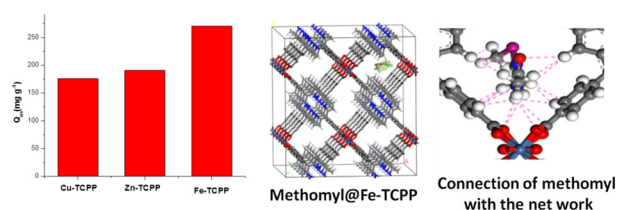
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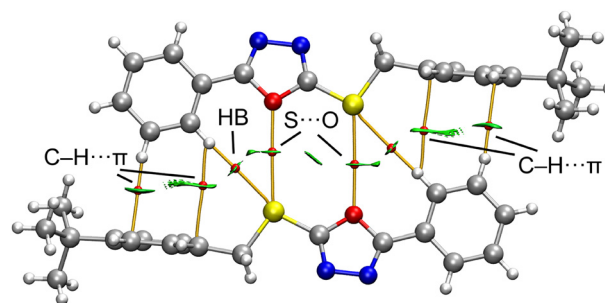
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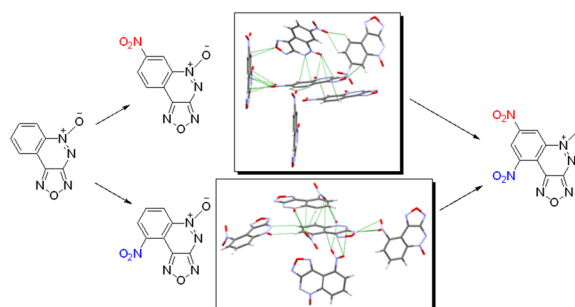
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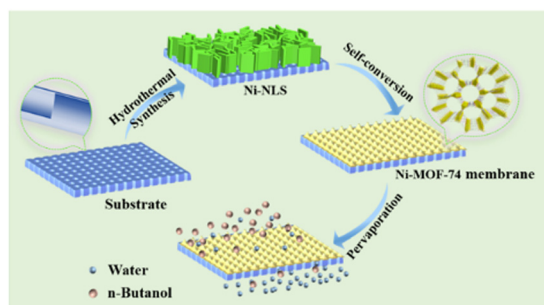
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Nikita M. Baraboshkin, Victor P. Zelenov* and Ivan V. Fedyanin



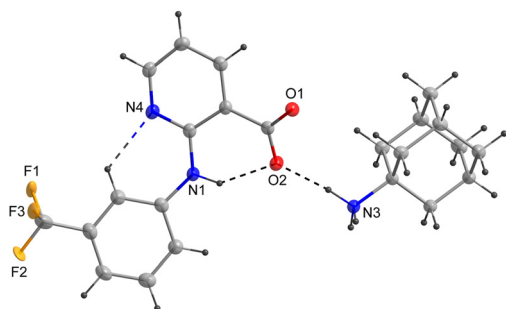
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Guoshu Gao, Yumeng Zhao, Peng Zhu, Haiou Liu, Yu Guo* and Xiongfeng Zhang*

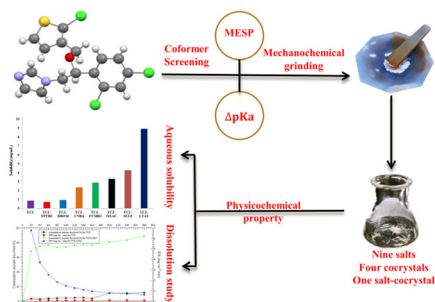
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Marta S. Krawczyk,* Monika K. Krawczyk and Irena Majerz

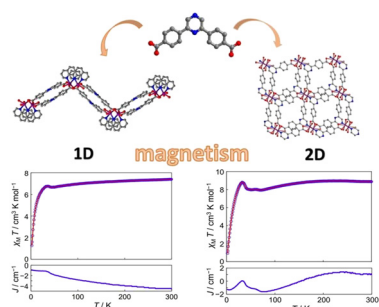
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Development of new multicomponent crystals of the antifungal drug tioconazole and the assessment of their biopharmaceutical attributes

Avinash Madhesiya, Sibananda G. Dash, Princi Gupta, Abdul Akhir, Deepanshi Saxena, Rahul Maitra, Sidharth Chopra and Tejender S. Thakur*

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Synthesis, structure, and investigation of unique magnetic properties in two novel Mn-based coordination polymers

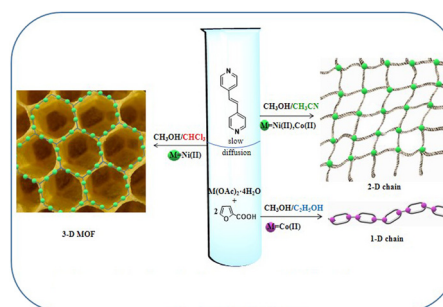
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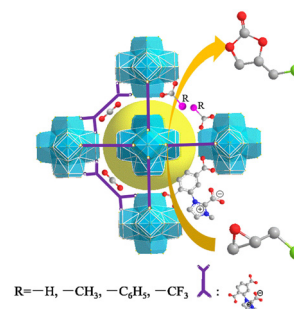
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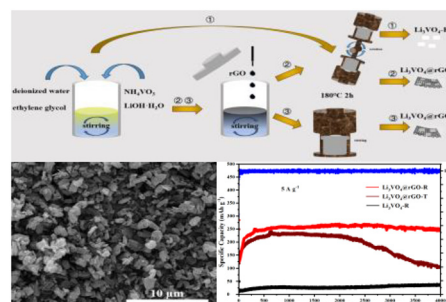
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One-step uniform rotation solvothermal synthesis of a $\text{Li}_3\text{VO}_4@\text{rGO}$ anode material with superior cycling and rate performance

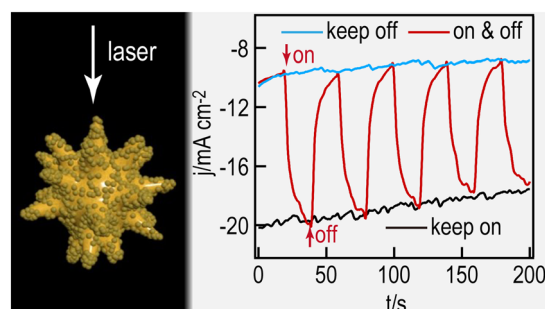
Zhihan Kong, Kongjun Zhu,* Yu Rao, Penghua Liang, Jiatao Chen, Wei Wang, Chuanxiang Zhang, Jingsong Liu, Kang Yan and Jing Wang



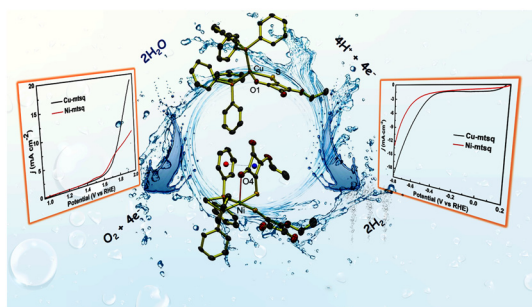
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Preparation of gold nanostars covered with platinum particles and their photoelectrocatalysis properties

Lihui Xu, Juan Xu, Xin Wang, Xingzhong Zhu* and Caixia Kan*



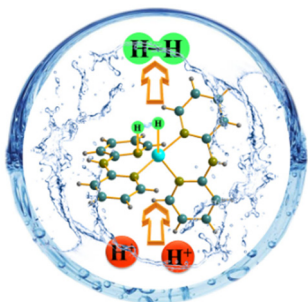
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The supramolecular frameworks and electrocatalytic properties of two new structurally diverse tertiary phosphane-appended nickel(II) and copper(I) thiosquarates

Devayani Srivastava, Aparna Kushwaha, Gabriele Kociok-Köhn, Suresh W. Gosavi, Ratna Chauhan, Abhinav Kumar* and Mohd. Muddassir

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Electrocatalytic hydrogen production activity with a copper(II)-dipyritydamine complex in acidic water

Nilankar Diyali, Meena Chettri, Subhajit Saha, Ankita Saha, Subhankar Kundu, Debasish Mondal, Debasish Dhak and Bhaskar Biswas*

