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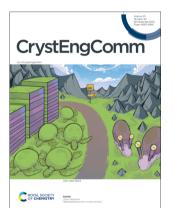
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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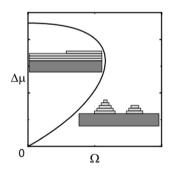
Cover See Jonas Johansson, pp. 6671–6676. Image reproduced by permission of Jonas Johansson from *CrystEngComm*, 2023, 25, 6671. Cover artwork by Anastasia Tsioki.

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Heteroepitaxial growth modes revisited

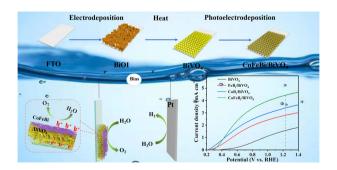
Jonas Johansson*



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The PEC performance of BiVO₄ was enhanced by preparing the CoFeB_i/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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CrystEngComm

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

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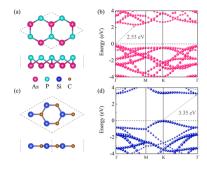
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Rational design of a direct Z-scheme β -AsP/SiC van der Waals heterostructure as an efficient photocatalyst for overall water splitting under wide solar spectrum

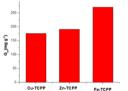
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Synthesis and applications of porphyrin-based MOFs in removal of pesticide from wastewater: molecular simulations and experimental studies

Fatma Ayman.FM, Mohamed Taha, Ahmed A. Farghali and Reda M. Abdelhameed*





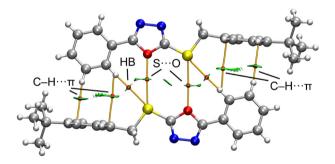
Methomyl@Fe-TCPP

Connection of methomyl with the net work

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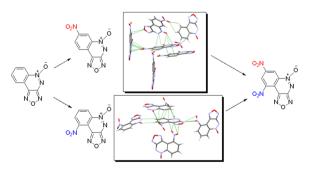
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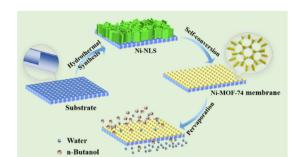


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Guoshu Gao, Yumeng Zhao, Peng Zhu, Haiou Liu, Yu Guo* and Xiongfu Zhang*

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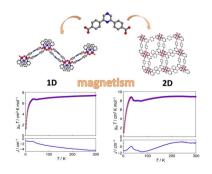
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Synthesis, structure, and investigation of unique magnetic properties in two novel Mn-based coordination polymers

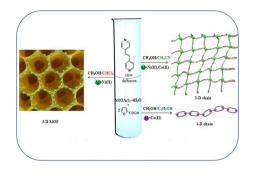
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Solvent effect in the chemical design of coordination polymers of various topologies with Co²⁺ and Ni²⁺ ions and 2-furoate anions

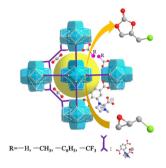
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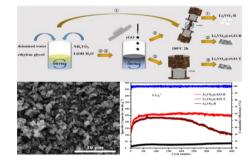
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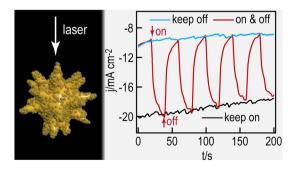
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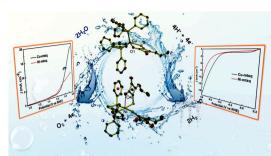
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Preparation of gold nanostars covered with platinum particles and their photoelectrocatalysis properties

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

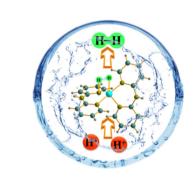


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The supramolecular frameworks and electrocatalytic properties of two new structurally diverse tertiary phosphane-appended nickel(II) and copper(I) thiosquarates

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



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

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

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