

CrystEngComm

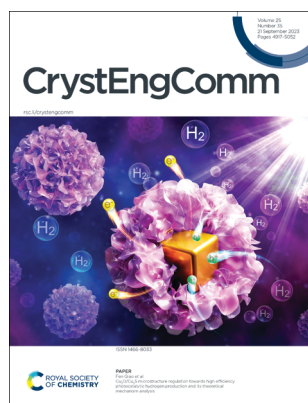
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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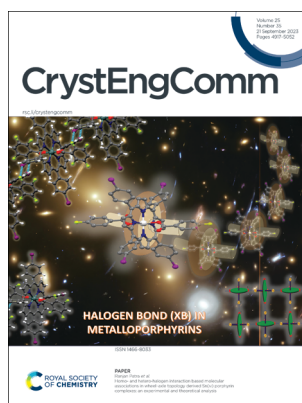
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See Fen Qiao *et al.*, pp. 4939–4945.
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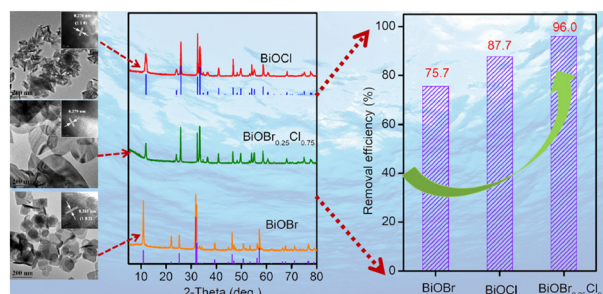
See Ranjan Patra *et al.*, pp. 4946–4959.
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COMMUNICATIONS

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In situ fabrication of $\text{BiOBr}_x\text{Cl}_{1-x}$ photocatalysts with a regulated electronic structure and enhanced visible light photocatalytic performance

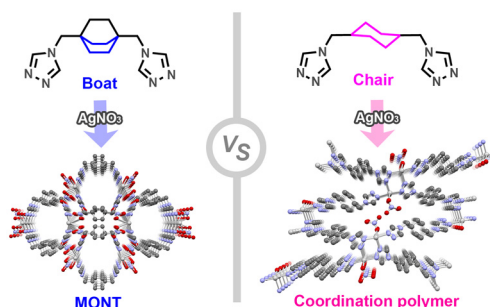
Haoyu Zhang, Xia Zhang, Liman Peng, Jiaxin Liu, Yiguo Su* and Shushu Huang*



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Di-triazole boat conformation leads to metal-organic nanotube while chair conformation leads to coordination polymer

Phattananawee Nalaoh and David M. Jenkins*



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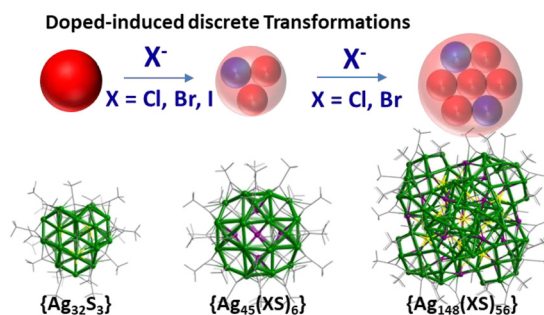


COMMUNICATIONS

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Transformations of silver(i) chalcogenide clusters induced by halide ions as dopant components rather than surface active species

Yu-Quan Gao, Wei-Hong Wu, Hui Mao, Ya-Ge Zhang, Cai-Hong Zhan* and Zhan-Guo Jiang*

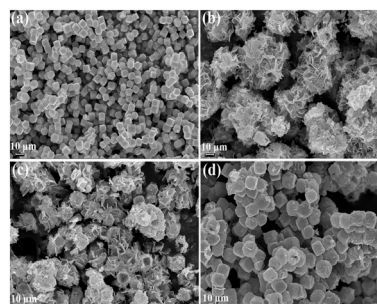


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Cu₂O/Cu₂S microstructure regulation towards high efficiency photocatalytic hydrogen production and its theoretical mechanism analysis

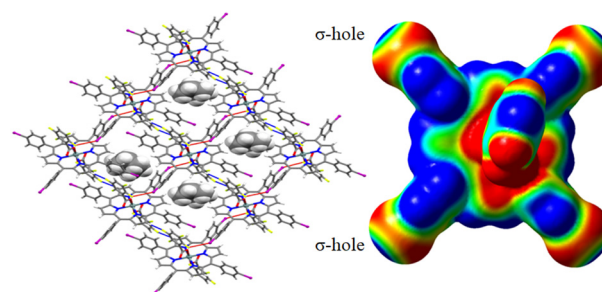
Fen Qiao,* Sen Qian, Wenjie Liu, Taihang Zhou, Jing Yang, Jikang Zhao and Jiaren Yuan*



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Homo- and hetero-halogen interaction based molecular associations in wheel-axle topology derived Sn(IV) porphyrin complexes: an experimental and theoretical analysis

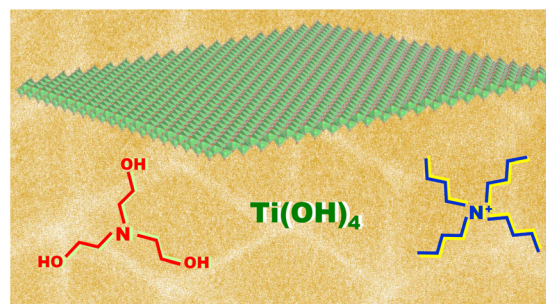
Rafia Siddiqui, Jyoti Rani, Akshita, Swati Dhamija, Kumar Shivam, Deepika Kagra, Purshotam Sharma, P. Venugopalan* and Ranjan Patra*



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Takayuki Ban,* Seiya Hirose, Karin Konishi, Takuya Nakagawa, Chika Takai-Yamashita and Yutaka Ohya



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The Cooperation of CT and ET for Photothermal Conversion

The cooperation of charge transfer and electron transfer for manipulating photothermal behaviour of donor–acceptor co-crystals

Jia-Qi Pan, Yun-Rui Chen, Meng-Ze Jia, Xin-Rong Yao, Xiao-Li Miao and Jie Zhang*

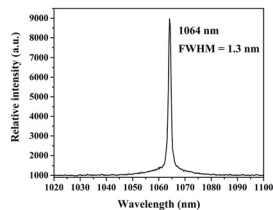
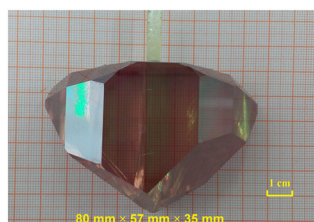
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Mesoionic compounds: the role of intermolecular interactions in their crystalline design

Priscila S. V. Lima, Gustavo H. Weimer, Leonardo P. Oliveira, Helivaldo D. S. Souza, Gabriela F. Fiss, Helio G. Bonacorso and Marcos A. P. Martins*

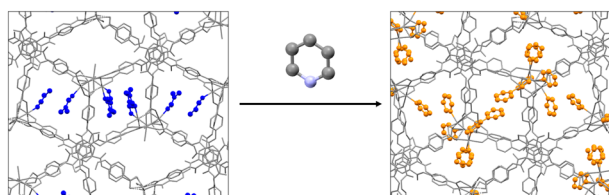
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Top-seeded solution growth, spectral analysis and laser properties of a novel Nd-doped $\text{Bi}_2\text{Mo}_{2.66}\text{W}_{0.34}\text{O}_{12}$ crystal

Xiangxin Tian,* Lijuan Chen,* Youxuan Sun and Zeliang Gao*

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Encapsulation of N-containing compounds in a new hydrophilic Cd-based crystalline sponge via coordinative alignment method

Faiza Habib,* Derek A. Tocher and Claire J. Carmalt

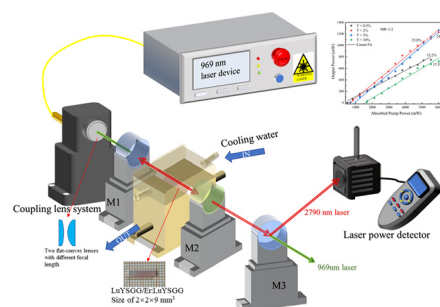


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Temperature distribution and the laser performance of LD end-pumped LuYSGG/Er:LuYSGG composite crystal

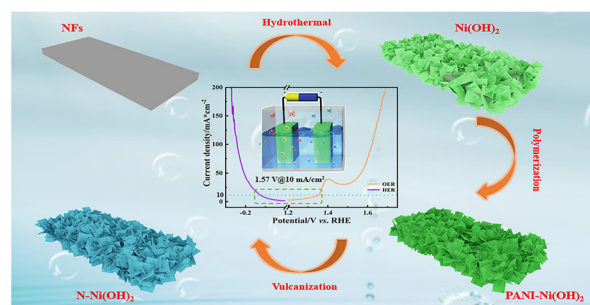
Zhentao Wang, Dunlu Sun,* Huili Zhang, Jianqiao Luo, Cong Quan, Zhiyuan Han, Yang Qiao, Yuwei Chen and Maojie Cheng



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Construction of N-doped nickel sulfide nanosheets via PANI as a nitrogen donor for superior electrocatalytic water splitting

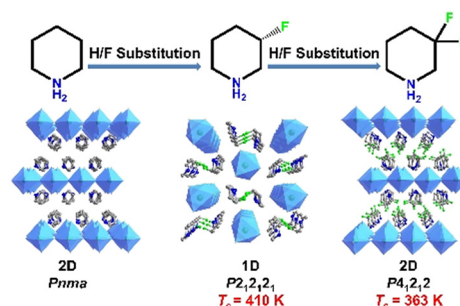
Liwen Hu,* Dan Xiang, Yi Gan, LiangYing Wen, Xuwei Lv, Meilong Hu, Yuntao Xin and Zhuoran Hou*



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Structural dimension engineering and high-temperature dielectric–optical switching in fluorine-substituted lead bromide hybrid perovskites

Tian Gan, Zhe-Kun Xu, Jia-Qi Gan and Zhong-Xia Wang*



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Tuning the heterophase junction in Bi₂O₃ hybrid crystals with enhanced photocatalytic activity

Yuan-Chang Liang* and Keng-Wei Liang

