

CrystEngComm

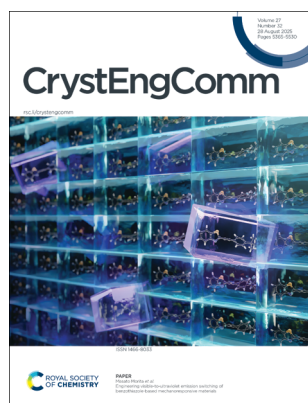
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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Cover

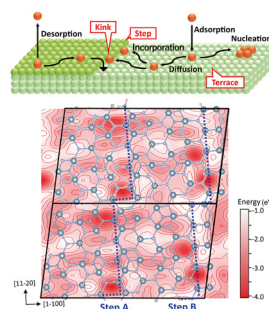
See Masato Morita *et al.*,
pp. 5398–5403.
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27, 5398.

HIGHLIGHTS

5373

Advances in atomistic modeling for epitaxial growth of nitride semiconductors: a DFT-based approach

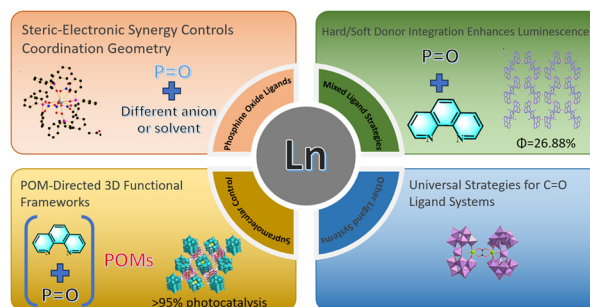
Toru Akiyama*



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Crystal engineering of rare earth heteroleptic complexes: phosphine oxide ligand control, POM-directed assembly, and performance metrics

Jian-Jie Xu, Lin-Lin Wang, Ying-Long Wang,
Gui-Xiong Guo, Jian-Ming Liu, Li-Xiong Dai,* Min Liu
and Qiong-Hua Jin*





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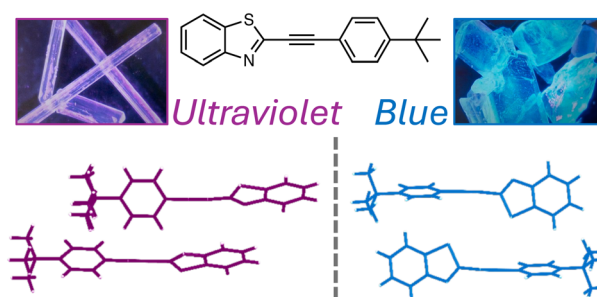


PAPERS

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Engineering visible-to-ultraviolet emission switching of benzothiazole-based mechanoresponsive materials

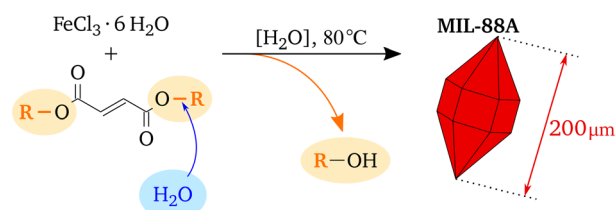
Riku Yoshino, Kazuki Kobayashi, Peiyuan Yang, Hiroki Fukumoto, Motohiro Yasui, Shigeyuki Yamada, Tsutomu Konno and Masato Morita*



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A method for controlled growth of large MIL-88A crystals

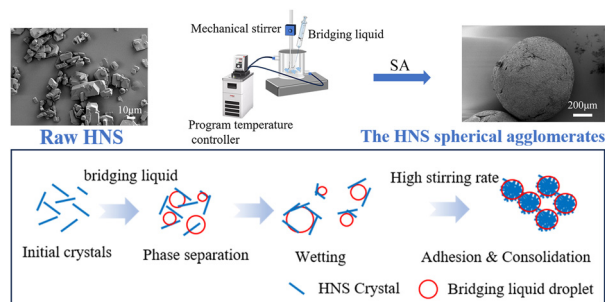
Erik Schumann, Bianca Störr, Uwe Böhme, Dominic Walter and Florian Mertens*



5413

Preparation and properties of HNS spherical agglomerates with hierarchical structures

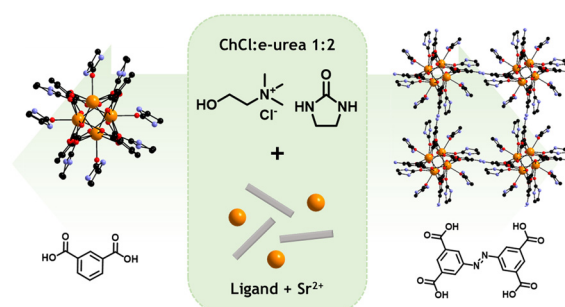
Xiaoqi Sun, Ya Guo, Fangbao Jiao, Fan Ma, Xiaohui Duan* and Hongzhen Li*



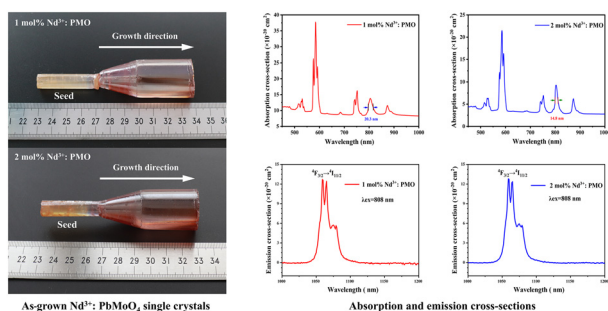
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Impact of ligand functionalization on the structure of strontium MOFs prepared in a deep eutectic solvent

Michaël Teixeira and Stéphane A. Baudron*



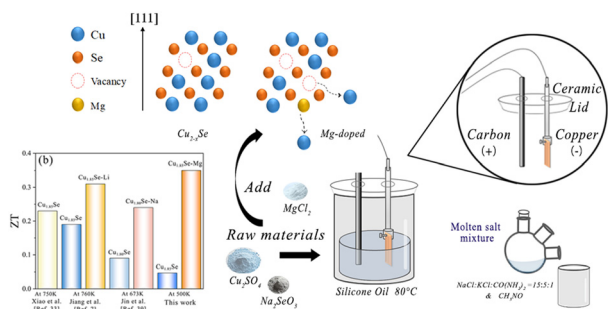
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Growth and spectroscopic properties of Nd³⁺-doped PbMoO₄ laser crystals

Zhiliang Dai, Yexi Huang, Mengxue Wang, Hui Shen* and Jiayue Xu*

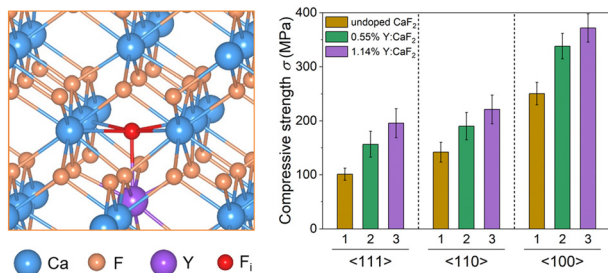
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Enhanced thermoelectric performance of Cu_{1.85}Se doping with Mg via a low-temperature molten salt electrolysis method

Xinyu Cui, Xiaoyu Yang, Zhengyao Li* and Ping Che*

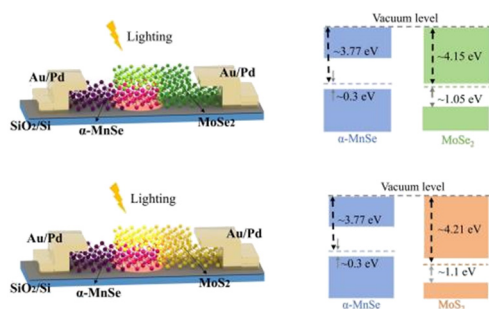
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Anisotropic mechanical response and aliovalent doping-induced strengthening in CaF₂ single crystals: a combined experimental and first-principles study

Yeqi Zhuo, Shukuan Guo,* Bo Zhang, Zhen Zhang, Dapeng Jiang, Junyang Liu, Lizhi Fang, Huamin Kou and Liangbi Su*

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Gate-controlled rectification and high photoresponse performance in two-dimensional non-layered α-MnSe/transition metal chalcogenide heterostructures

Lijian Bai, Xuewen Ding, Nan Wu, Yu Zhang, Xue Jing, Dong Pan, Wenjie Wang, Fangchao Lu and Jiajun Deng*

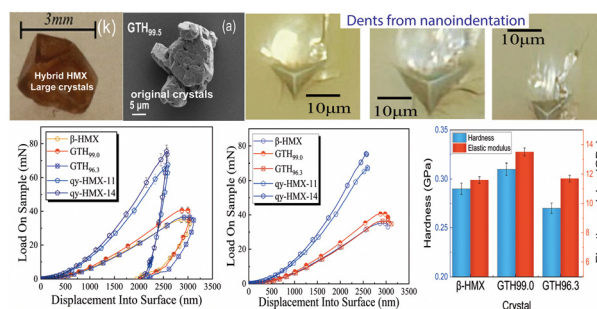


PAPERS

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Mechanical properties of crosslinked graphene oxide intercalated HMX and CL-20 crystals

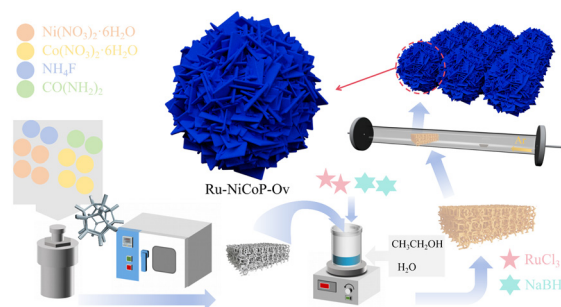
Justin Darku Quansah, Xuexue Zhang, Zhi-Hua Xue and Qi-Long Yan*



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Ruthenium-modified oxygen-deficient NiCoP catalysts for efficient electrocatalytic water splitting

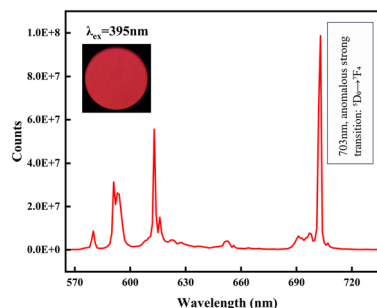
Bo-yao Zhang, Song-lin Xu, Jia Li, Xin-Xin Zhao, Rong-da Zhao,* Ming-chang Zhang,* De-peng Zhao and Lihua Miao*



5501

Insights into the high brightness, color purity, narrowband red-emission and luminous mechanism of Eu-doped CaY₂Ge₄O₁₂

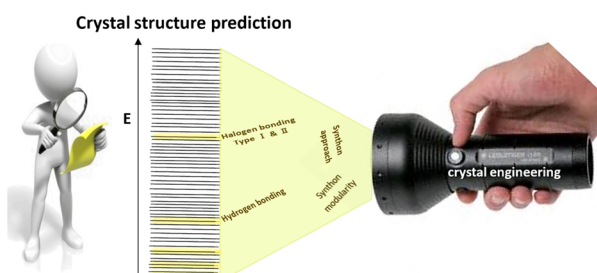
Yingyang Zhao, Shuo Zhao, Huiqi Zhang, Guotao Xiang, Xianju Zhou, Dengfeng Li, Xudong Cui,* Yanhao Huang* and Feng Wang*



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Synthon modularity in crystal structure prediction: designing pomalidomide polymorphs and co-crystals

Zahrasadat Momenzadeh Abardeh, Alireza Salimi* and Artem R. Oganov*



CORRECTION

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Correction: Sonochemical synthesis of Zr-based metal–organic cages and their adsorption performance towards tartrazine

De-Sheng Wei, Jian Li, Ting-Ting Xu, Wan-Yi Lan, Nan Lv, Yu-Teng Zhang* and Shuang-Bao Li*

