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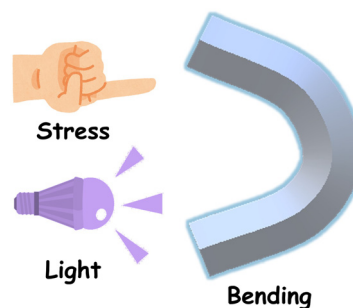
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HIGHLIGHT

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Exploring flexibility in molecular crystals: bending responses to light and mechanical stress

Sotaro Kusumoto* and Yang Kim

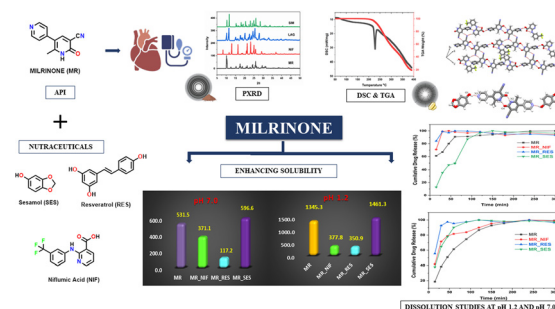


COMMUNICATION

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Exploring novel cocrystals of milrinone: a cardioprotective drug combined with nutraceuticals and an NSAID

Gowtham Kenguva, Smruti Rekha Rout, Tabrez R. Shaikh, Debjani Baidya, Nikita Shelke, Palash Sanphui* and Rambabu Dandela*



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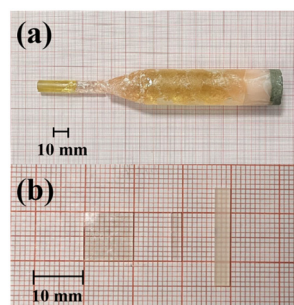
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Elastic, dielectric and piezoelectric properties of a $\text{EuCa}_4\text{O}(\text{BO}_3)_3$ high-temperature piezoelectric crystal

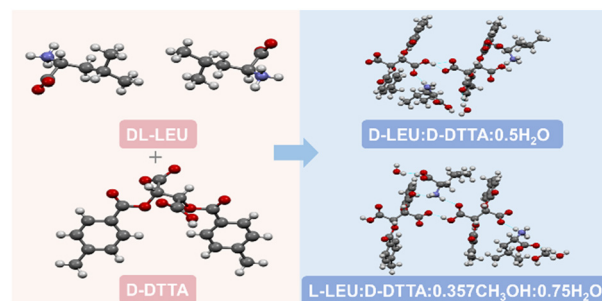
Jie Feng, Linwen Jiang, Zhigang Sun, Chen Yang and Yanqing Zheng*



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Chiral resolution of DL-leucine *via* salifying tartaric acid derivatives

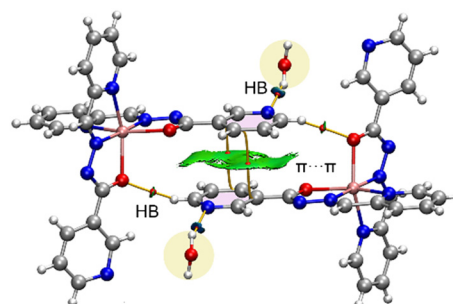
Linlin Shi, Zhiqiang Guo, Xiaofang Luo, Lingli Hou, Hongchang Wu, Ruiyu De, Xin Huang, Ting Wang, Hongxun Hao, Na Wang* and Lina Zhou*



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Versatile copper(II) discrete and polymeric coordination compounds with (pyridine-2-yl)methylenenicotinohydrazide and azelaic acid

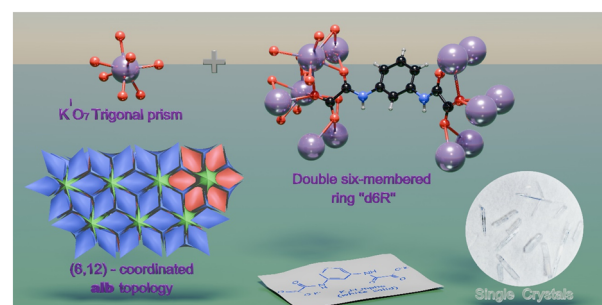
Mónica Benito, Ghodrat Mahmoudi,* Elies Molins, Ennio Zangrando, Masoumeh Servati Gargari, Rosa M. Gomila, Antonio Frontera and Damir A. Safin



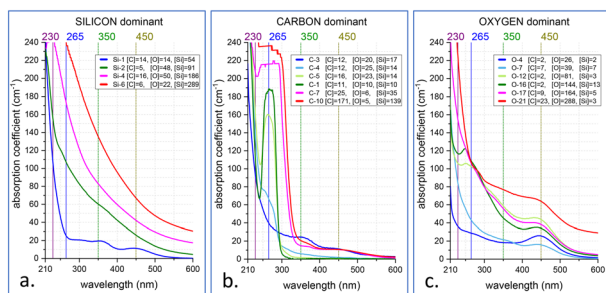
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Oxamate-based potassium-organic assembly with the uncommon binodal (6,12)-coordinated *abf* topology

Cintia A. Simosono, Leonã S. Flores, Tatiana R. G. Simões, Walace D. do Pim, Miguel Julve and Maria Vanda Marinho*



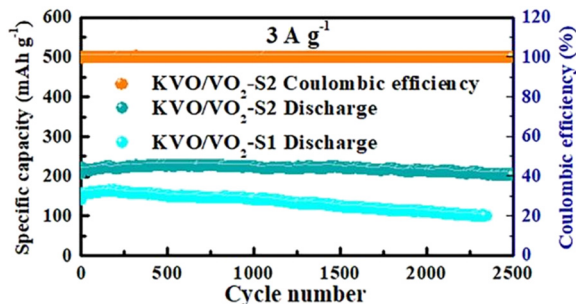
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Prediction of impurity concentrations in AlN single crystals by absorption at 230 nm using random forest regression

Andrew Klump,* Carsten Hartmann,
Matthias Bickermann and Thomas Straubinger

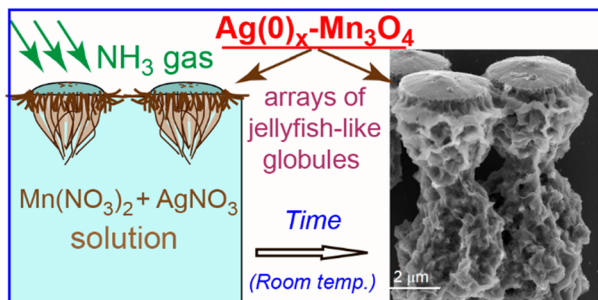
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K⁺-regulated vanadium oxide heterostructure enables high-performance aqueous zinc-ion batteries

Haibing Li,* Liyun Zhu, Weijun Fan, Yi Xiao, Jiadong Wu,
Hongyu Mi, Fumin Zhang and Linyu Yang*

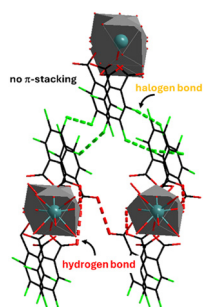
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Formation of jellyfish-like Ag(0)_x-Mn₃O₄ microglobules at the surface of Ag(I) and Mn(II) nitrate solution with NH₃ vapor

Larisa B. Gulina,* Kirill A. Nikiforov,
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Influence of halogens on the crystal packing of 3,4,5,6-tetra-chloro-phthalate-based lanthanide coordination compounds

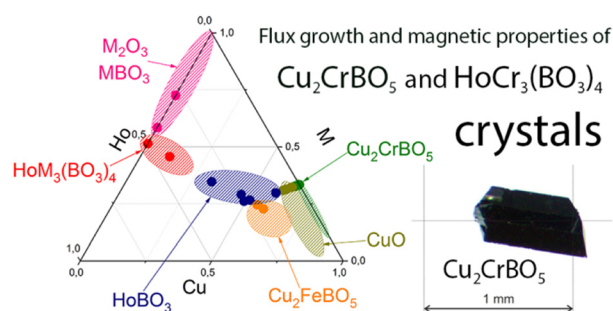
Fallou Ngom, Chloé Blais, Insa Badiane, Christine Hénaff,
Magatte Camara, Carole Daiguebonne*
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Study of flux growth of Cr-containing borates and oxyborates under the conditions of low Cr_2O_3 solubility

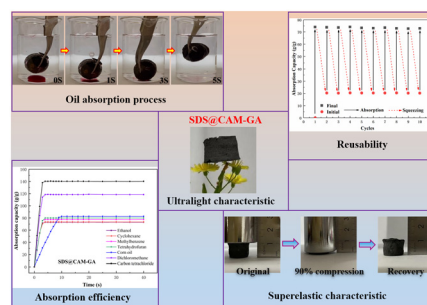
Evgeniya Moshkina,* Natalya Mikhashenok, Dieter Kokh, Maxim Pavlovskiy, Alexander Cherepakhin, Evgeniy Eremin, Andrey Zolotov and Maxim Molokeev



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A superelastic and ultralight graphene aerogel with a hydrophobic honeycombed structure for efficient absorption of hazardous organics

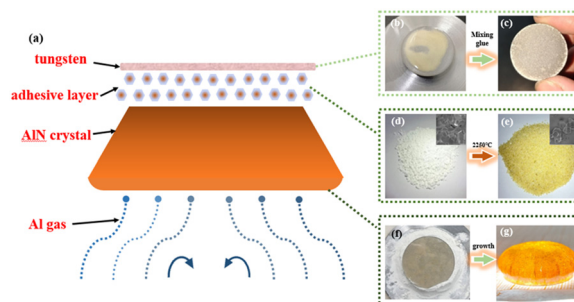
Qiaomu Zhang, Lehao Liu,* Junfeng Ma, Haomiao Yang, Zhuoheng Wu, Chenhui Song and Jinkui Zhang



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Suitable thickness of the adhesive layer facilitates the release of thermal stress in AlN crystals

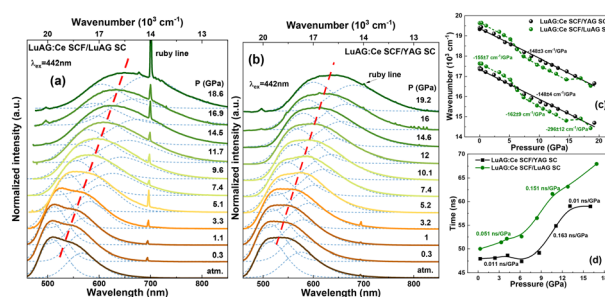
Wenhao Cao, Shouzhi Wang,* Ruixian Yu, Guodong Wang, Yajun Zhu, Yuzhu Wu, Lingshuang Lv, Jingliang Liu, Xiangang Xu and Lei Zhang*



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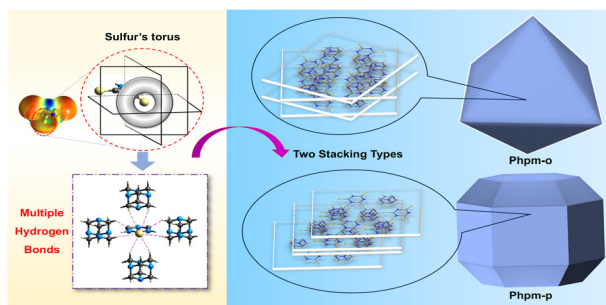
A comparative analysis of structural and luminescence properties of homoepitaxially and quasi-homoepitaxially grown LuAG:Ce single crystalline films under ambient and high pressure

A. Markovskiy,* Yu. Syrotych, N. Majewska, M. Kamiński, V. Gorbenko, T. Zorenko, A. Wierzbicka, A. Suchocki, S. Mahlik and Yu. Zorenko*



PAPERS

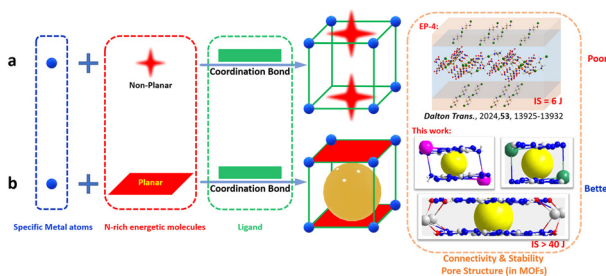
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Two stacking types of three-dimensional cocrystal structures based on multiple hydrogen bonds

Wenjin Yan, Tianwei Wang, Yingxin Hu, Longming Chen, Peng Wang, Chaoran Pang, Rongwen Lu* and Shufen Zhang

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Several energetic MOFs based on the N-rich energetic materials and alkali metals: towards high detonation performances and good stabilities

Guofeng Zhang, Xue Hao, Yongbin Zou, Shichang Liu, Junjie Wei, Zhen Dong* and Zhiwen Ye*

CORRECTIONS

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Correction: Influence of cobalt on the performance of Pt/CeO₂ for CO-PROX at low temperature: reducing the energy of the Pt–O–Ce bond

Ao Xu, Jing Zhang, Chunhua Yang, Jinxiao Li, Rensheng Song, Yue Zhao, Yulong Liu, Minghui Lian and Liwei Pan*

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Correction: Revealing the supramolecular features of two Zn(II) complexes derived from a new hydrazone ligand: a combined crystallographic, theoretical and antibacterial study

Samit Pramanik, Anowar Hossain, Sudipta Pathak,* Sougata Ghosh Chowdhury, Parimal Karmakar, Antonio Frontera* and Subrata Mukhopadhyay

