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Cover

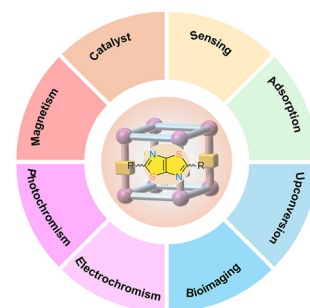
See Liangbi Su *et al.*,
pp. 2623–2634.
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CrystEngComm, 2025, 27,
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HIGHLIGHT

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Thiazolothiazole based functional metal–organic frameworks

Xing-Cai Huang* and Jiao-Jiao Kong*

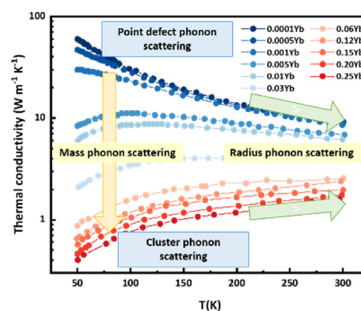


PAPERS

2623

Calculating and analyzing the relationship between thermal conductivity and microstructure in rare-earth doped fluoride crystals

Kexin Liu, Dapeng Jiang, Gang Bian and Liangbi Su*



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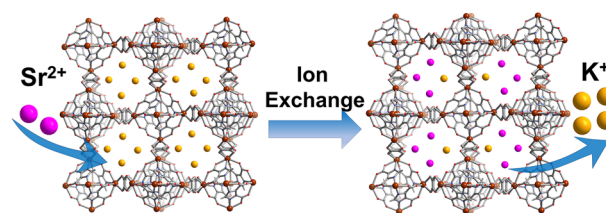
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2635

Rapid and efficient Sr(II) capture by lanthanide-cluster based metal-organic frameworks containing alkali metal ions

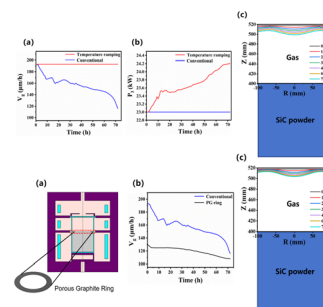
Ying-Ying Zhao, Tian-Yu Pan, Jun-Hao Tang, Wei-Yang Wen, Zhi-Hua Chen, Shuang-Jiang Li, Chang Wei, Hai-Yan Sun, Qian-Qian Hu,* Mei-Ling Feng* and Xiao-Ying Huang



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Numerical investigation on the optimization of growth rate uniformity during 200 mm 4H-SiC growth

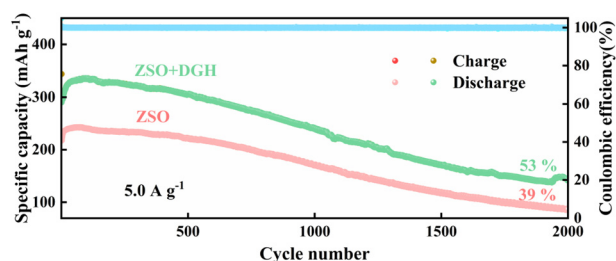
Pengyang Chen, Binjie Xu, Sheng'ou Lu, Lingling Xuan, Fan Wang, Anqi Wang, Hui Zhang, Xiaodong Pi,* Deren Yang and Xuefeng Han*



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A D-glucosamine hydrochloride regulated solvation structure for long life aqueous zinc batteries

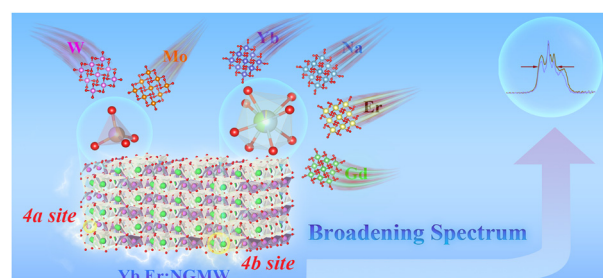
Xiaotong Zhou, Chunru Zhao, Zizhao Liu and Xiang Wu*



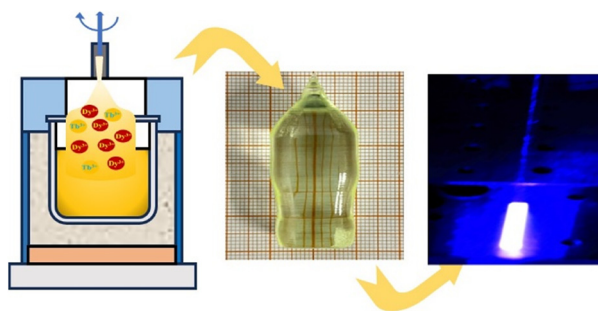
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Composition-engineered Yb³⁺ and Er³⁺ co-doped bimolybdate and bitungstate mixed crystals for promising solid-state infrared laser application

Haitang Hu, Chuancheng Zhang, Yong Zou, Wenpeng Liu and Shoujun Ding*



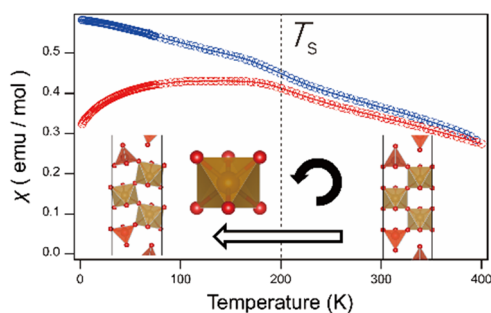
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Single crystal growth and cold white light application of Dy,Tb:CaWO₄ crystals

Xuan Zhang, Jingyi Liu, Jiapan Zheng, Hao Wu, Ruiqing Gong, Jiaru Wang, Zixuan Song, Honghao Xu, Yuxia Zhang* and Junhai Liu

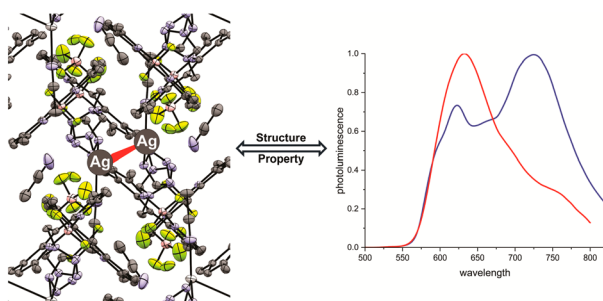
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Crystal structure and magnetoresistance of vacancy-ordered perovskite SrV_{0.3}Fe_{0.7}O_{2.8} at low temperature

Teppei Nagase, Takumi Nishikubo, Yuki Sakai, Kei Shigematsu, Ko Mibu, Masato Hagihara, Masaki Azuma and Takafumi Yamamoto*

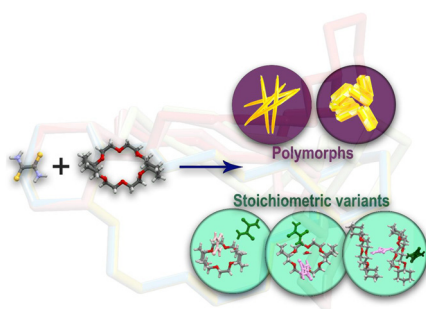
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Structural tuning of tetrazole-BODIPY Ag(I) coordination compounds *via* co-ligand addition and counterion variation

Matthias Schöbinger,* Martin Huber, Berthold Stöger, Christian Hametner and Peter Weinberger*

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Polymorphs and stoichiometric variants of crown ether-based molecular complexes: exploring the landscape of conformational flexibility and supramolecular interactions

Cinu Winson, Saravanan Kandasamy, Indira S. Divya, Krzysztof Wozniak* and Sunil Varughese*

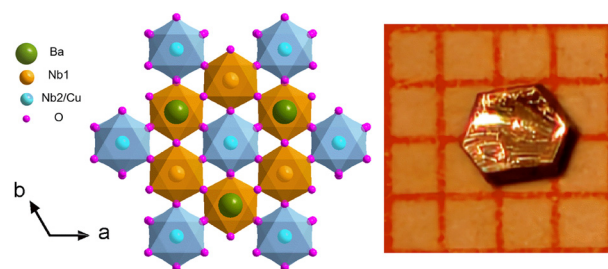


PAPERS

2711

Crystal growth and magnetic properties of hexagonal $\text{Ba}_4\text{CuNb}_3\text{O}_{12}$ single crystals

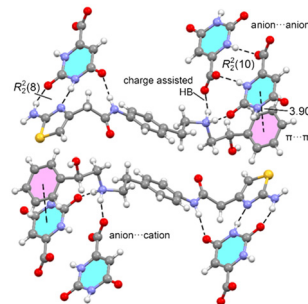
Yuhu Huang, Wen Xie, Fei Zheng, Chao Zhang* and Han-Shu Xu*



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New salt-solvates of Mirabegron: a combined experimental and computational study

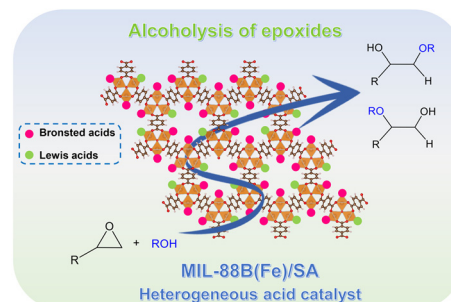
Rafel Prohens,* Rafael Barbas, Miquel Barceló-Oliver and Antonio Frontera*



2729

Fabrication of an efficient bifunctional acid catalyst based on MIL-88B(Fe) for solvent-free ring-opening of epoxides with alcohols

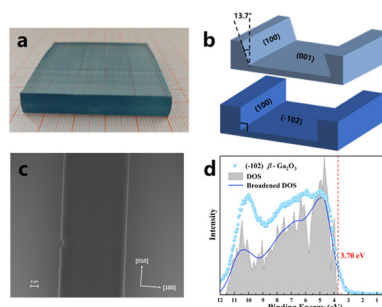
Mahdiyeh-Sadat Hosseini, Alireza Abbasi,* Peyman Ghorbani and Majid Masteri-Farahani



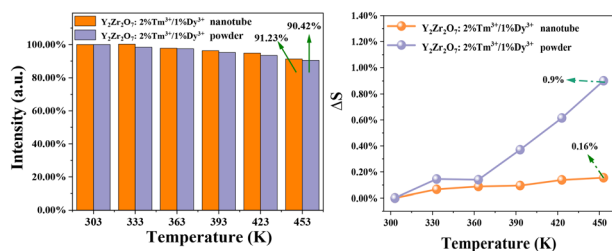
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Growth and characterization of a 2-inch (102) plane $\beta\text{-Ga}_2\text{O}_3$ crystal via the edge-defined film-fed growth method

Jin Zhang, Boyang Chen, Zhucheng Li, Yiyaun Liu, Yue Dong, Bowen Yu, Zhitai Jia,* Xutang Tao* and Wenxiang Mu*



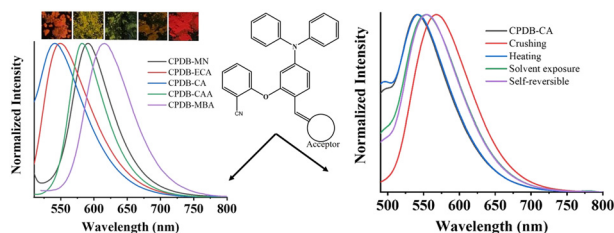
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Bright electrospun white $\text{Y}_2\text{Zr}_2\text{O}_7:\text{Tm}^{3+}/\text{Dy}^{3+}$ nanotubes with excellent thermal quenching resistance and ultralow color shift

Shanshan Cong, Hongquan Yu,* Zhichao Ren, Jiashi Sun, Xiangping Li, Sai Xu and Baojiu Chen*

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Synthesis of dual-state emissive twisted donor-acceptor fluorophores: tunable fluorescence and self-reversible mechanofluorochromism

Sasikala Ravi, R. Rameshbabu Priyadharsan, Subramanian Karthikeyan, Mehboobali Pannipara, Abdullah G. Al-Sehemi, Dohyun Moon* and Savarimuthu Philip Anthony*

