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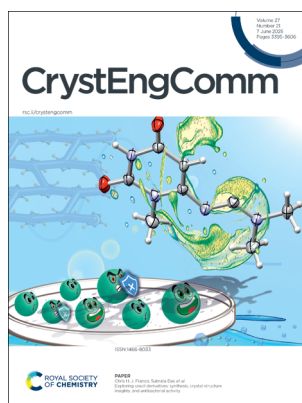
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See Alaa Adawy *et al.*, pp. 3444–3455.
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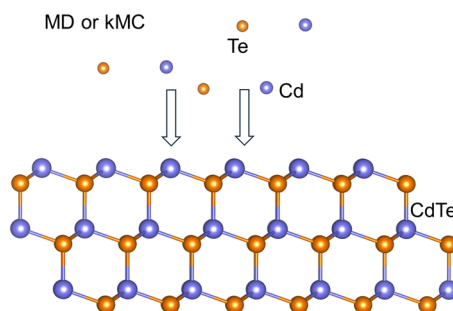
See Chris H. J. Franco, Subrata Das *et al.*, pp. 3456–3466.
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Elucidating thin film growth mechanisms for high-performance II–VI photovoltaic semiconductors: simulation-driven insights and challenges

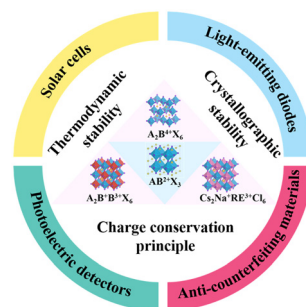
Chengchi Cao and Qi An*



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Lead-free metal halide double perovskites – from crystal design to optoelectronic applications

Shuai Zhang, Guanfeng Liu, Bing Teng* and Shaohua Ji*



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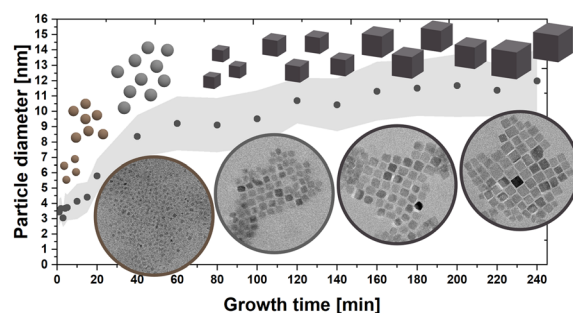


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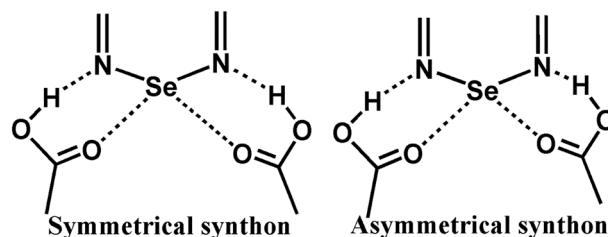
Johannes Kießling* and Anna S. Schenk*



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Strong supramolecular synthons assembled by hydrogen bonds and chalcogen bonds

Yu Zhang, Xiaotian Sun and Weizhou Wang*

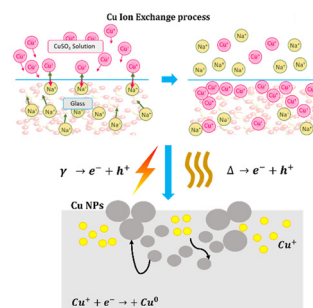


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Embedding crystalline Cu and Cu_2O nanoparticles in silicate glasses through an ion-exchange process followed by gamma irradiation and annealing: an optical absorption spectroscopy assessment

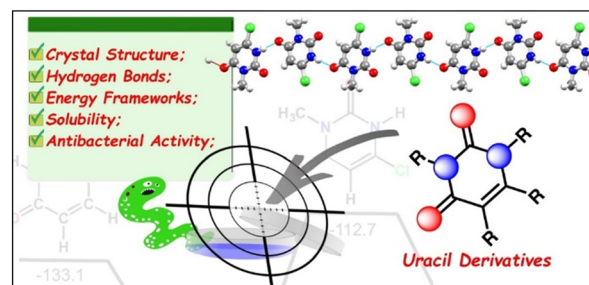
Safa Toumi, Khaled Farah* and Alaa Adawy*



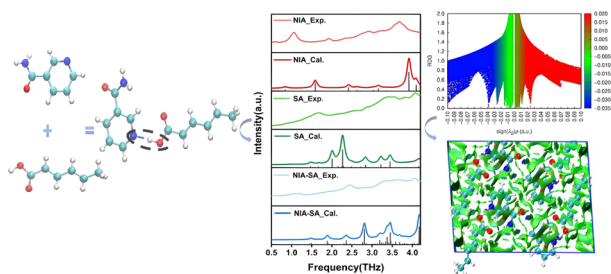
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Exploring uracil derivatives: synthesis, crystal structure insights, and antibacterial activity

Susital Mal, Chris H. J. Franco,* Binay Kumar, Alexander M. Kirillov and Subrata Das*



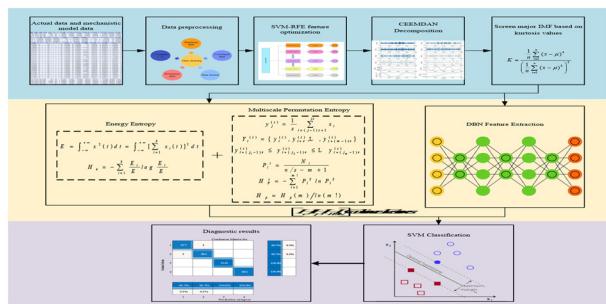
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Terahertz fingerprint spectrum and weak interaction analysis of nicotinamide-sorbic acid cocrystal

Di Zhu, Yali Liu, Lei Wang, Hanming Zhang, QiuHong Qu, Xiaodong Sun* and Yizhu Zhang*

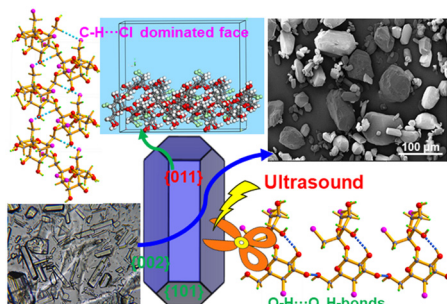
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Incipient fault diagnosis method for silicon single crystal growth assisted by deep learning

Yu-Yu Liu, Ding Liu,* Jun Chao Ren and Shi Hai Wu

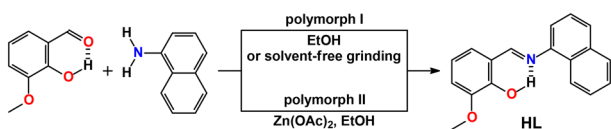
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Intermittent ultrasound-assisted anti-solvent crystallization for sucralose production with ultra-low aspect ratio and larger crystal size

Dongyu Zhou, Yongshang Li, Huimin Jie, Jiayan Lei, Zi'ang Chen, Xiaoping Chen, Can Cui, Huadong Luo, Jingjing Chen,* Haohong Li and Huidong Zheng*

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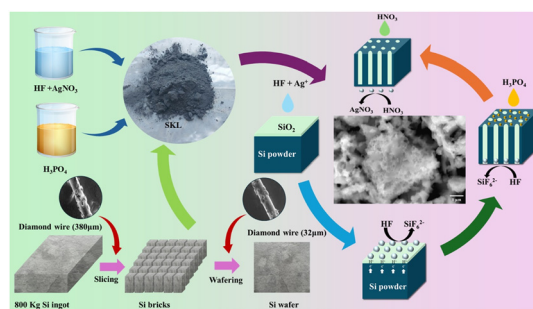
Polymorphism phenomenon of the naphthyl-containing *N*-salicylidenaniline derivative: syntheses, crystal structures, optical properties, and theoretical calculations

Elizaveta V. Panova,* Julia K. Voronina, Asmet N. Azizova, Ömer Faruk Tutar, Ghodrat Mahmoudi and Damir A. Safin*



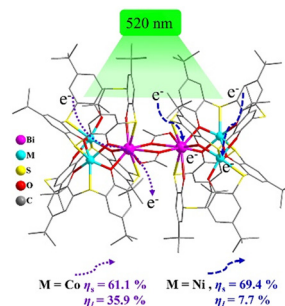
Bharathwaj Murugesan, Periyannan Palaniyandi,
Karuppasamy Pichan* and Ramasamy Perumalsamy

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Karuppasamy Pichan* and Ramasamy Perumals



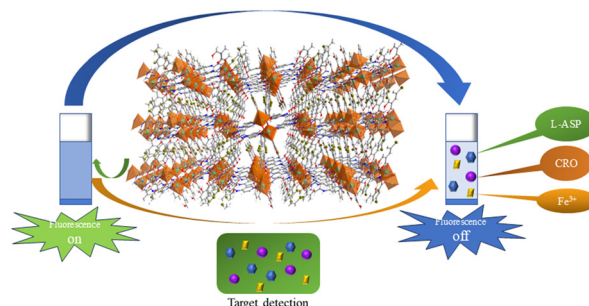
Bismuth-based heterometallic clusters capped by thiacalixarene for visible-light photothermal conversion

Tianxia Chen, Yuhan Zou, Dongqao Mao and Yanfeng Bi*



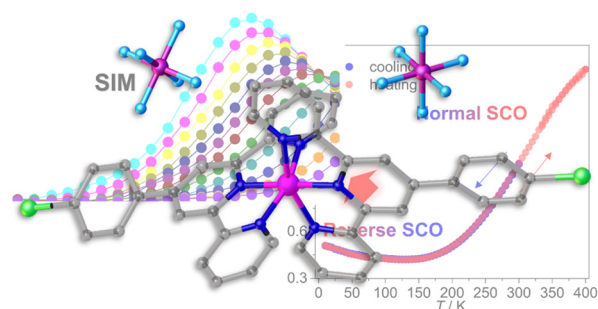
A Cd-based complex as a multifunctional fluorescent probe for the detection of Fe³⁺, ceftriaxone sodium (CRO) and L-aspartic acid (L-Asp)

Jian-Fei Song, Jia-Li Chen, Gui-Quan Guo,
Hong-Yan Zhu, Si-Ying Zhou, Xin-Rong Zheng
and Xiu-Qing Zhang*

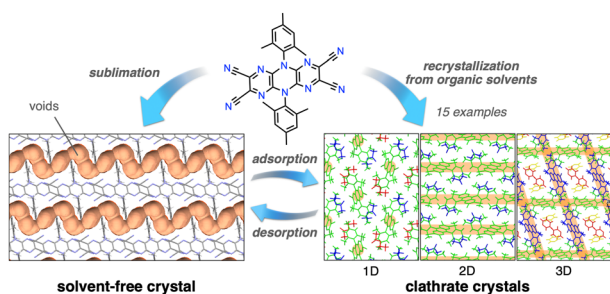


A cobalt(II)-terpyridine complex showing field-induced slow magnetic relaxation behavior via reverse spin-crossover

Long Huang, Kun-Hua Zhang, Ao-Na Sun,
Bingshan Zhao,* Le Shi, Jiong Yang and Dong Shao*



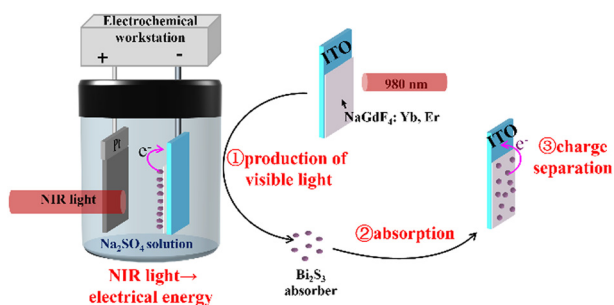
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Diverse tetracyanodihydrodipyrzinepyrazine clathrate crystals assembled from weak intermolecular interactions

Kosuke Watanabe, Haruki Sugiyama and Yasutomo Segawa*

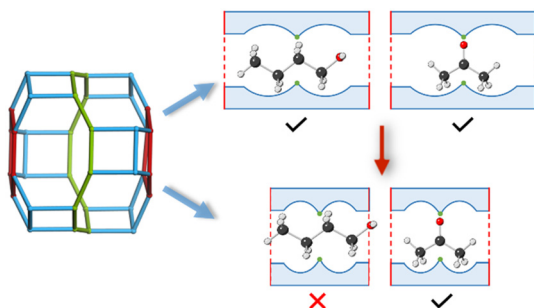
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Fabrication of rare-earth fluoride films via a sacrificial template method from layered rare-earth hydroxide (LRH) films: phase transition mechanism and near infrared light response

Junjie Huang, He Zhang, Taihui Chen, Lu He and Xiaoli Wu*

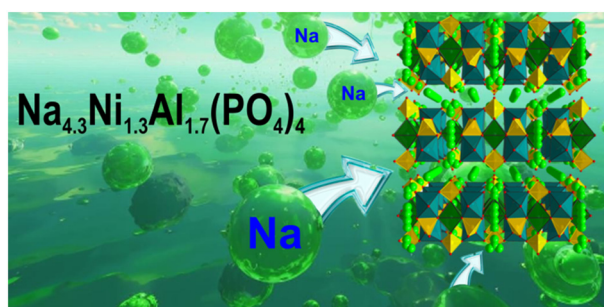
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Tunable ellipsoidal cage in ZIF-300 and ZIF-301 for size-selective acetone/butanol separation

Yanjuan Wu, Jiaojiao Song, Jiang Wang* and Qi Shi*

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Na_{4.3}Ni_{1.3}Al_{1.7}(PO₄)₄ structure transformation from stuffed α -CrPO₄ type driven by the incorporation of Na: magnetism and ionic migration

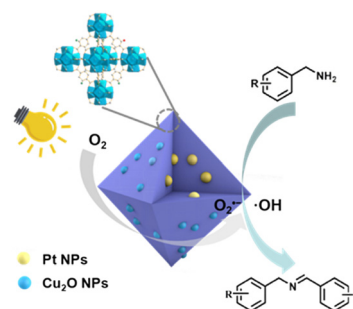
Olga Yakubovich*, Galina Kiriukhina, Elizaveta Manokhina, Anatoly Volkov, Olga Dimitrova, Larisa Shvanskaya and Alexander Vasiliev*



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Enhancement of visible-light-driven photocatalytic oxidative amine coupling through light-induced carrier spatial separation

Xiying Zhang, Yuanyuan Li,* Zhaozhen Zhang, Bin Zhang, Xiaomeng Hu, Shibo Lu and Jie Wu*



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Similar polymorphism of derivatives of salicylideneanilines with varying halo-substitution

Zaixiang Zhang, Xin Li, Junyu Liu, Manman Wang, Yang Yang* and Deyin Wang*

