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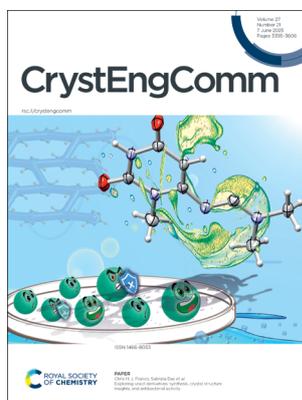
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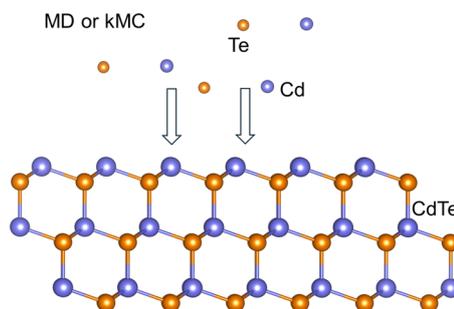
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Elucidating thin film growth mechanisms for high-performance II–VI photovoltaic semiconductors: simulation-driven insights and challenges

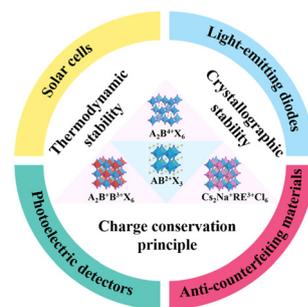
Chengchi Cao and Qi An*



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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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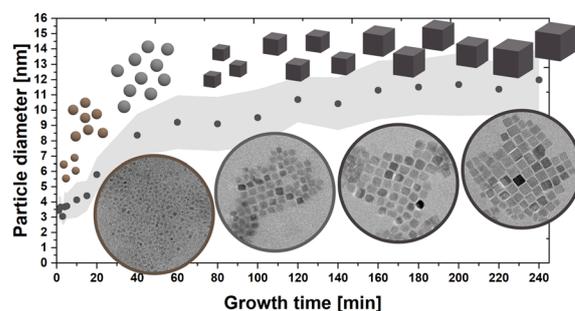


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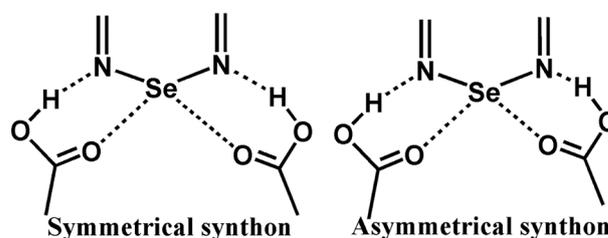
Johannes Kießling* and Anna S. Schenk*



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Strong supramolecular synthons assembled by hydrogen bonds and chalcogen bonds

Yu Zhang, Xiaotian Sun and Weizhou Wang*

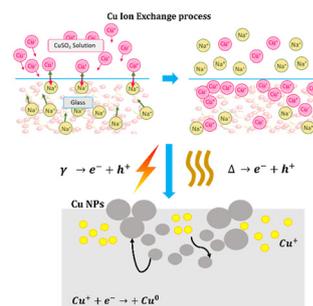


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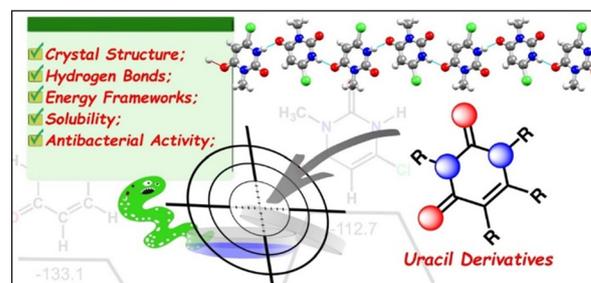
Safa Toumi, Khaled Farah* and Alaa Adawy*



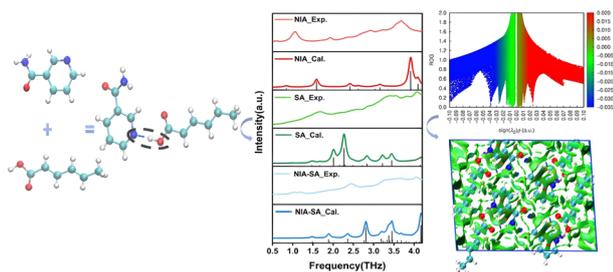
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Exploring uracil derivatives: synthesis, crystal structure insights, and antibacterial activity

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



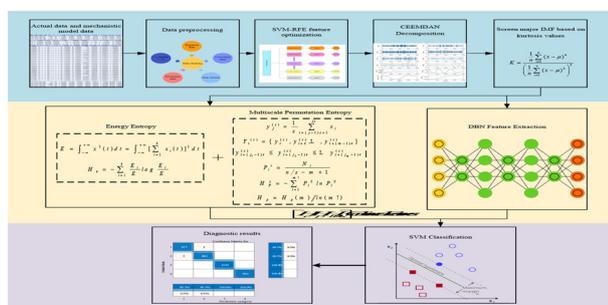
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Terahertz fingerprint spectrum and weak interaction analysis of nicotinamide-sorbic acid cocrystal

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

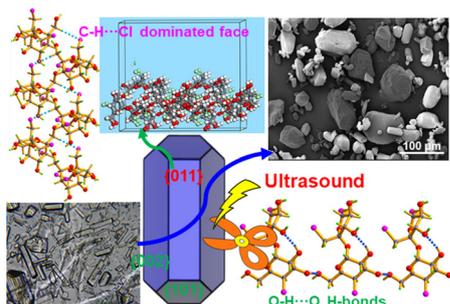
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Incipient fault diagnosis method for silicon single crystal growth assisted by deep learning

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

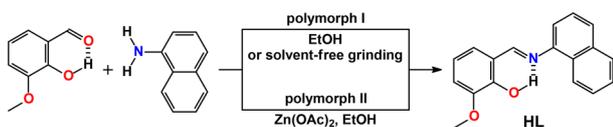
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Polymorphism phenomenon of the naphthyl-containing *N*-salicylideneaniline derivative: syntheses, crystal structures, optical properties, and theoretical calculations

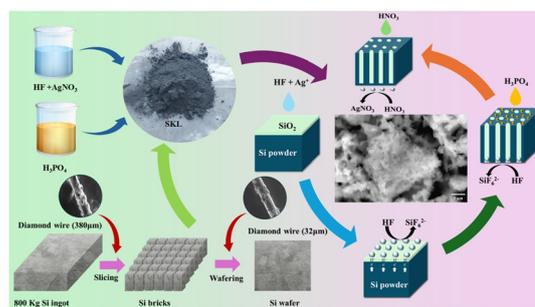
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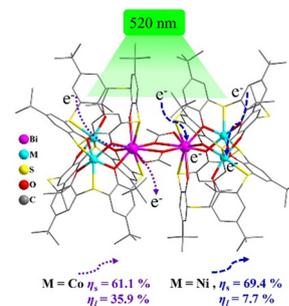
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Bismuth-based heterometallic clusters capped by thiacalixarene for visible-light photothermal conversion

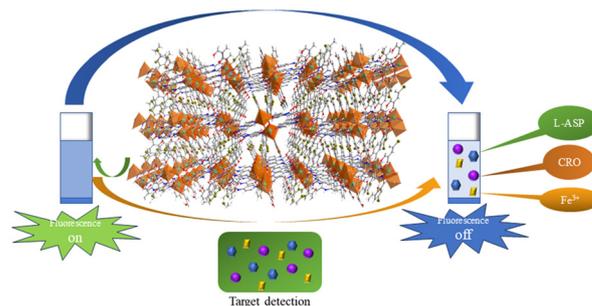
Tianxia Chen, Yuhan Zou, Dongao Mao and Yanfeng Bi*



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

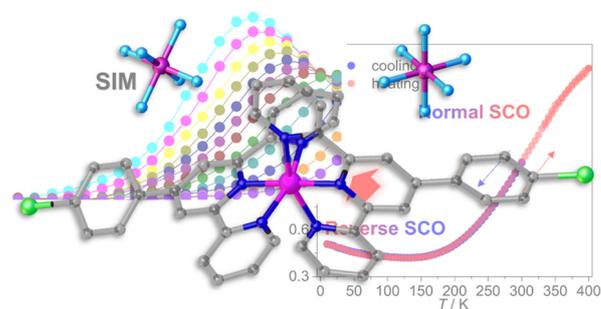
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A cobalt(II)-terpyridine complex showing field-induced slow magnetic relaxation behavior via reverse spin-crossover

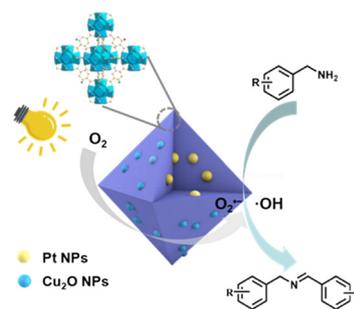
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Xiyang Zhang, Yuanyuan Li,* Zhaozhen Zhang, Bin Zhang, Xiaomeng Hu, Shibo Lu and Jie Wu*



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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*

