

CrystEngComm

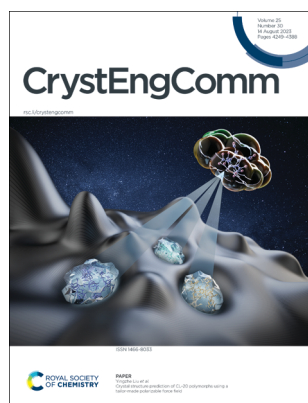
A journal at the forefront of the design and understanding of solid-state and crystalline materials

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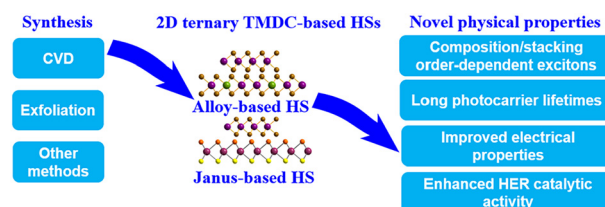
See Yingzhe Liu *et al.*, pp. 4272–4283.
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HIGHLIGHT

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Recent progress in the synthesis and physical properties of 2D ternary TMDC-based vertical heterostructures

Qin An, Teyang Zhang, Fei Chen* and Weitao Su*

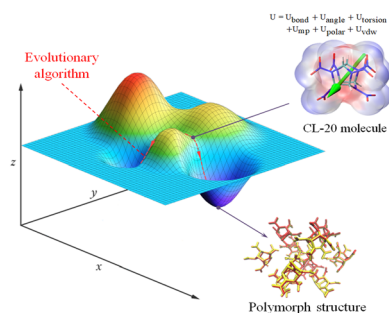


PAPERS

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Crystal structure prediction of CL-20 polymorphs using a tailor-made polarizable force field

Yiding Ma, Yilin Cao, Tao Yu, Zhixiang Zhang, Weipeng Lai, Chao Chen, Linyuan Wen and Yingzhe Liu*



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We welcome studies on the investigation of molecular behaviour within crystals, control
of nucleation and crystal growth, engineering of crystal structures, and construction of
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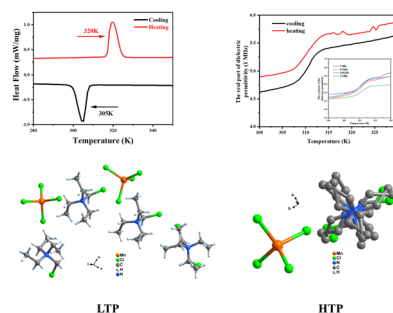
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Dielectric and optical properties of a new organic–inorganic hybrid phase transition material

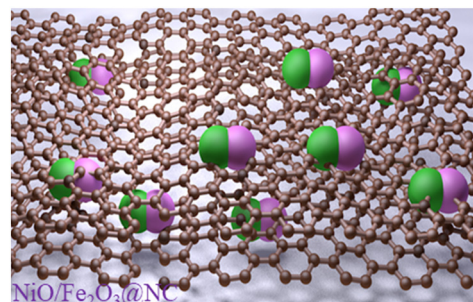
Yinan Zhang, Zhuoer Cai, Xinyi Zhang, Shiyue Xiao, Xianmin Liu, Yingyi Zhao, Xiu-Ni Hua* and Baiwang Sun



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Synergistic NiO/Fe₂O₃ heterostructure-enhanced electrocatalytic performance in dye-sensitized solar cells

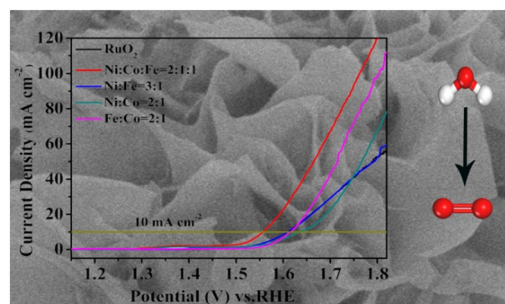
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Nanoflower electrocatalysts derived from mixed metal (Fe/Co/Ni) organic frameworks for the electrochemical oxygen evolution reaction

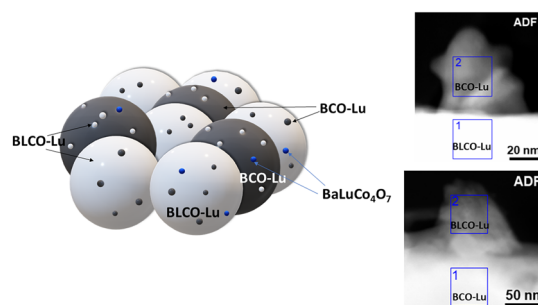
Jiangyan Dang, Jingjing Qiu, Xiaoying Zhang,* Ruifa Jin, Bowen Qin and Jingping Zhang*



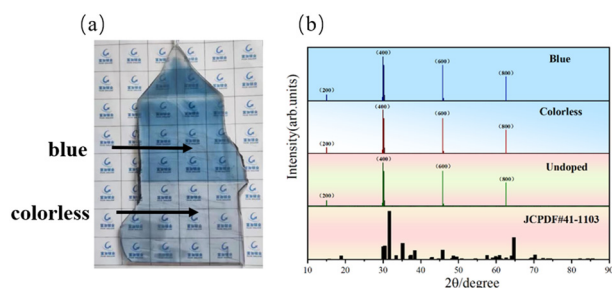
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Daria Balcerzak,* Iga Szpunar, Ragnar Strandbakke, Sarmad W. Saeed, Calliope Bazioti, Aleksandra Mielewczyk-Gryn, Piotr Winiarz, Alfonso J. Carrillo, María Balaguer, Jose M. Serra, Maria Gazda and Sebastian Wachowski



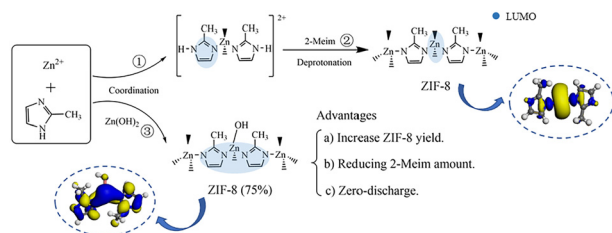
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Effect of high-temperature remelting on the properties of Sn-doped β -Ga₂O₃ crystal grown using the EFG method

Jinshan Wei, Yuzhe Bu, Qinglin Sai,* Hongji Qi,*
Jingbo Li* and Huaimin Gu*

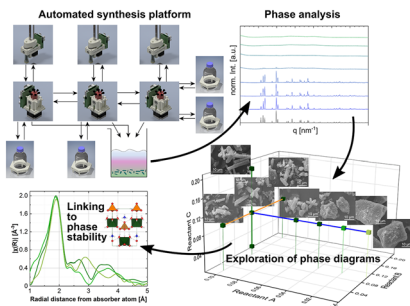
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Dual Zn source strategy for synthesizing ZIFs: zero discharge, less raw material, high output, and better adsorptive performance

Yingjie Li, Penghui Li, Chaojian Zhang, Kai He,
Yanyan Chen and Xiaoyuan Liao*

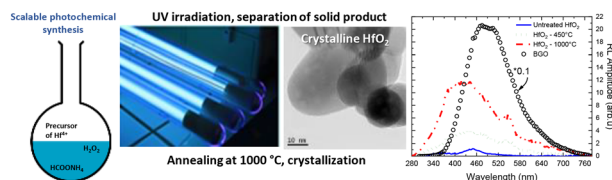
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Phase stability studies on transition metal phosphates aided by an automated synthesis

Stephanos Karafiludis,* Tom William Ryll,
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First investigation of the morphological and luminescence properties of HfO₂ nanoparticles synthesized by photochemical synthesis

Irene Villa,* Lenka Prouzová Procházková, Eva Mihóková,
Vladimir Babin, Robert Král, Petra Zemenová,
Alexandra Falvey, Václav Čuba, Matteo Salomoni,
Fiammetta Pagano, Roberto Calà, Isabel Frank,
Etienne Auffray and M. Nikl

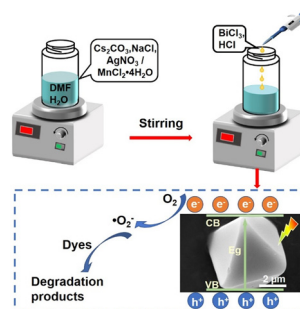


PAPERS

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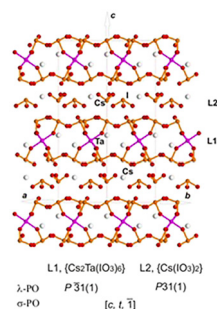
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New layered nonlinear optical iodate $\text{Cs}_3\text{Ta}(\text{IO}_3)_8$: topology-symmetry analysis and structure prediction

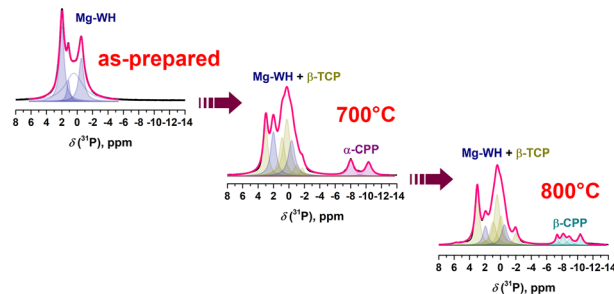
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Jiajing Zhang, Xue An, Mengjie Jia, Bin Han and Ping Che*

