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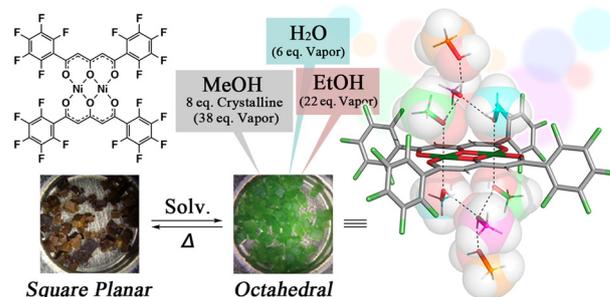
See Akiko Hori *et al.*, pp. 3014–3020.
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COMMUNICATIONS

3014

Selective recognition and reversible encapsulation of tetrameric alcohol clusters via hydrogen bonds using a perfluorinated dinuclear nickel(II) complex

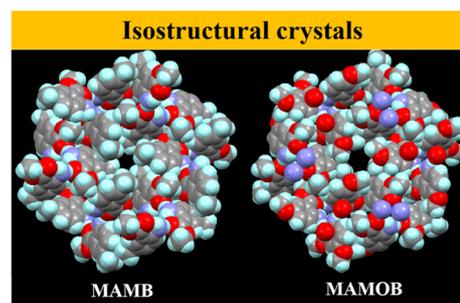
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Influence of the substituent in the benzene ring on the structure and properties of two isostructural crystals

Zhonghua Li, Shengzhe Jia, Songgu Wu* and Junbo Gong



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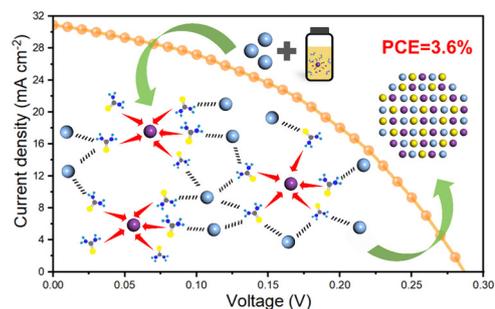
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Precisely tailoring the precursor solution for efficient AgBiS₂ solar cells

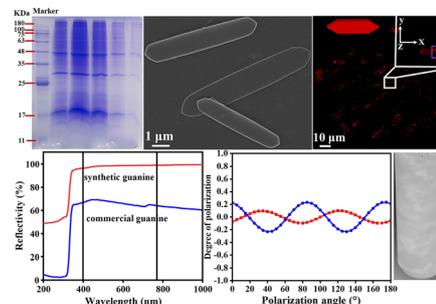
Zongwei Li, Guodong Zhang, Zhiwei Li, Yuqian Xie, Yingdong Xia, Zhelu Hu, Lingfeng Chao,* Fu Wang* and Yonghua Chen



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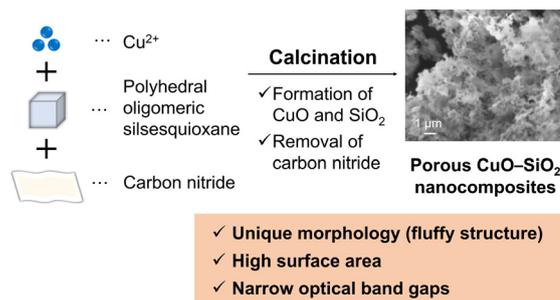
Yujing Ren, Xiubin Hou, Ying Zhang, JingYan Hao, Juan Gao, Xinbing Song and Yurong Ma*



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Structure-directing synthesis of porous CuO–SiO₂ nanocomposites using carbon nitride

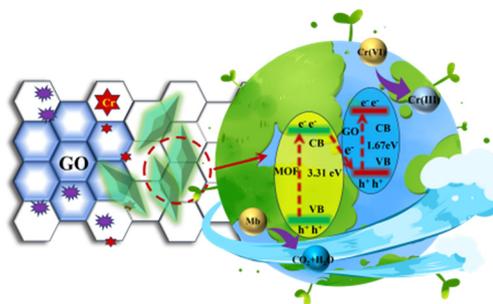
Yuki Takeuchi, Yasuhiro Toyoda, Kazuma Gotoh and Takahiro Ohkubo*



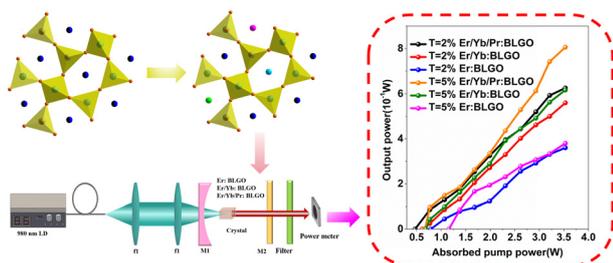
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Accelerating interfacial charge transfer and photocatalytic activity of a Z-scheme Zn-MOF/GO heterojunction towards the removal of Cr(vi) and methylene blue

Qiang Chen, Chenzhu Zhao, Xusheng Li, Hua Liu, Jiao Chen, Quanquan Li,* Ping Liu* and Yaoyu Wang



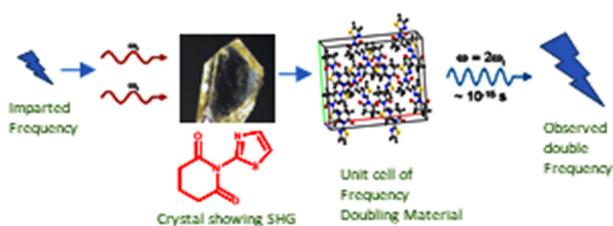
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Highly efficient tunable multi-wavelength laser properties of $\text{Er}^{3+}, \text{Yb}^{3+}, \text{Pr}^{3+}$ triple-doped $\text{BaLaGa}_3\text{O}_7$ crystal at $\sim 2.7 \mu\text{m}$

Shufang Gao,* Yueyang Pan, Kangyao Jia, Han Pan, Yan Xiong and Shubo Cheng

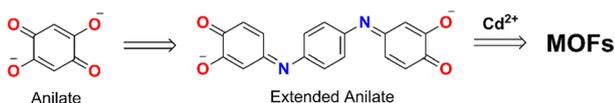
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A simple and efficient synthesis of a series of *N*-(thiazol-2-yl)piperidine-2,6-dione compounds and their interesting NLO properties

Mayuri Shaiwale, Narayan N. Som, Prafulla K. Jha and Amar Ballabh*

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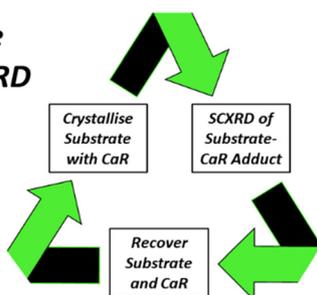
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Olesya Yu. Trofimova, Irina N. Meshcheryakova, Nikolai O. Druzhkov, Irina V. Ershova, Arina V. Maleeva, Anton V. Cherkasov, Ilya A. Yakushev, Pavel V. Dorovatovskii, Rinat R. Aysin and Alexandr V. Piskunov*

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Catch-and-Release (CaR) Agent for SCXRD

- Crystallise Liquid Substrates (incl. Natural Products)
- Immobilises Variety of FGs
- Recoverable Substrate
- Reuseable



The atypical solubility of silver(i) pentafluorobenzoate and its use as a catch-and-release agent

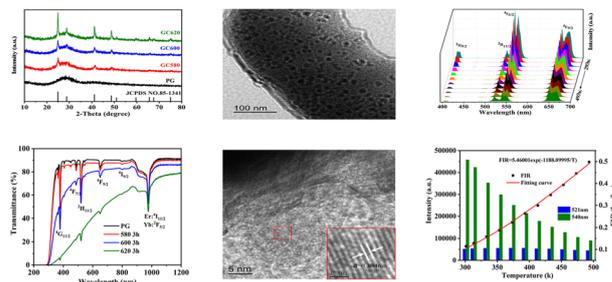
Jas S. Ward*



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Research on upconversion and temperature sensing properties of Er³⁺/Yb³⁺ codoped glass ceramics containing BaF₂ crystals

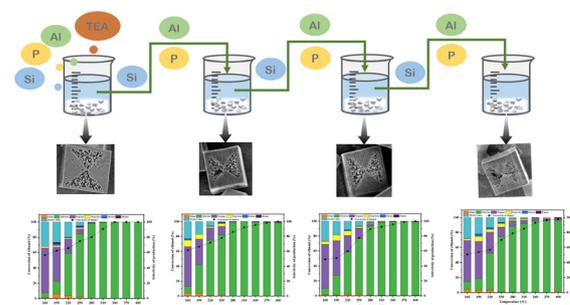
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In situ growth-etching synthesis of hierarchical SAPO-34 from recycled mother liquor for ethanol dehydration

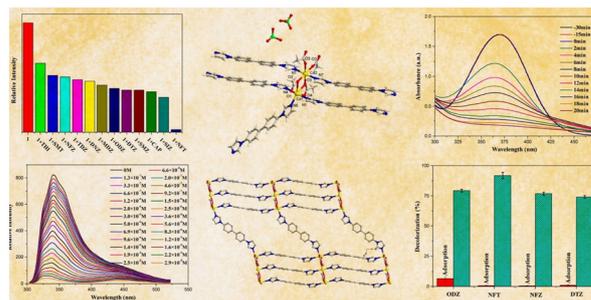
Shuhua Liu, Hongxia Zhang, Jianxia Zhang, Zhihao Bian, Fang Wang,* Dezhi Han, Guangjian Wang and Liancheng Bing*



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4,4'-Bis(imidazolyl)biphenyl-appended Cd(II) coordination polymer: a dual-functional material for antibiotic sensing and photodegradation

Yu Wu,* Junlan Li, Jing Xu, Mohd. Muddassir, Aparna Kushwaha, Omoding Daniel, Abhinav Kumar* and Like Zou*



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Structure, spectroscopy and LD end-pumped laser performance of an Er,Pr:LuYSGG crystal operated at ~2.8 μm

Huili Zhang, Dunlu Sun,* Jianqiao Luo, Cong Quan, Yang Qiao, Yuwei Chen, Kunpeng Dong, Zhentao Wang, Hongyuan Li and Maojie Cheng

