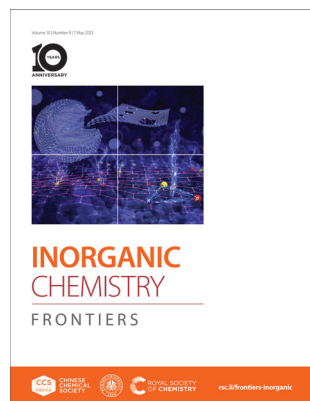


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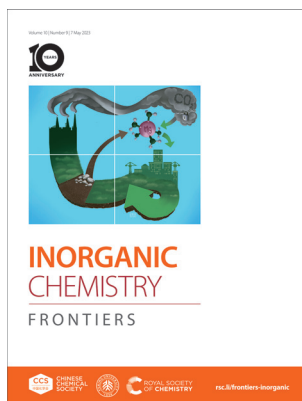
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See Yan Meng, Dan Xiao et al., pp. 2574–2585.

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See Hellen S. Santos et al., pp. 2507–2546.

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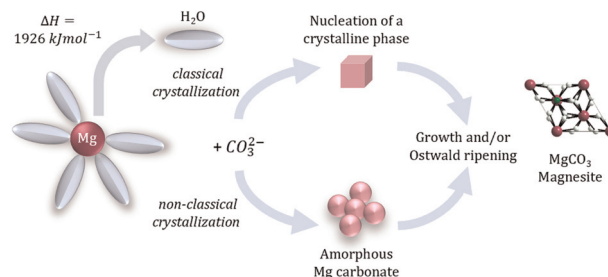
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Mechanisms of Mg carbonates precipitation and implications for CO₂ capture and utilization/storage

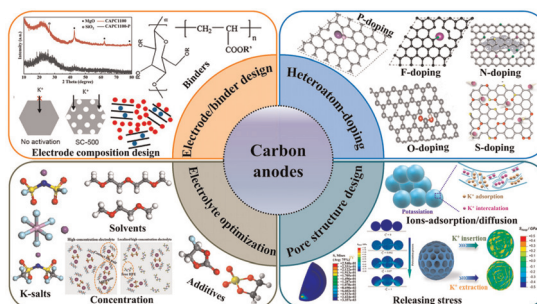
Hellen S. Santos,* Hoang Nguyen, Fabricio Venâncio, Durgaprasad Ramteke, Ron Zevenhoven and Paivo Kinnunen



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A comprehensive review of carbon anode materials for potassium-ion batteries based on specific optimization strategies

Fei Yuan, Yanan Li, Di Zhang, Zhaojin Li, Huan Wang, Bo Wang,* Yusheng Wu* and Yimin A. Wu*



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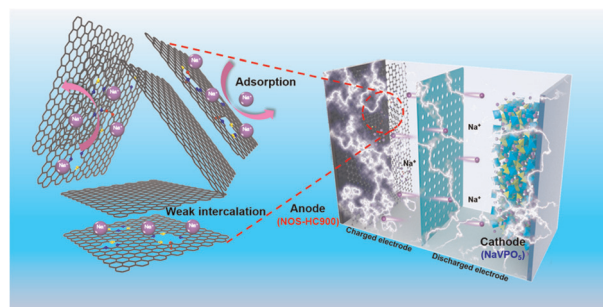


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Nitrogen/oxygen/sulfur tri-doped hard carbon nanospheres derived from waste tires with high sodium and potassium anodic performances

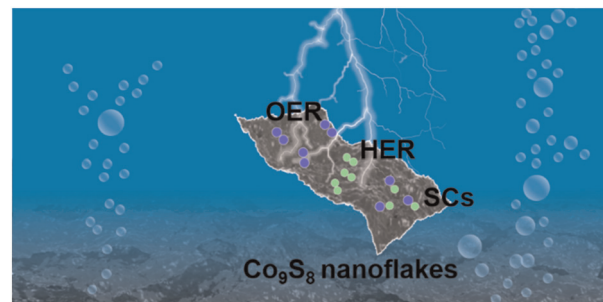
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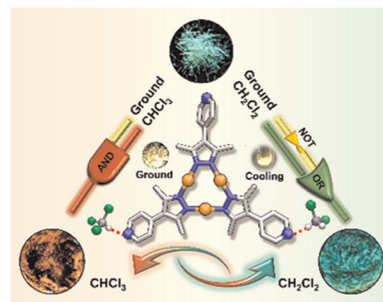
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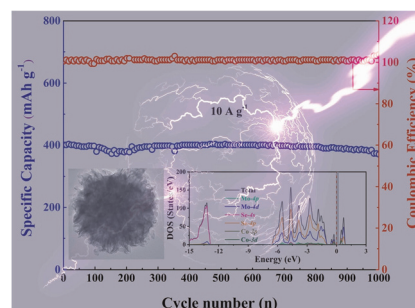
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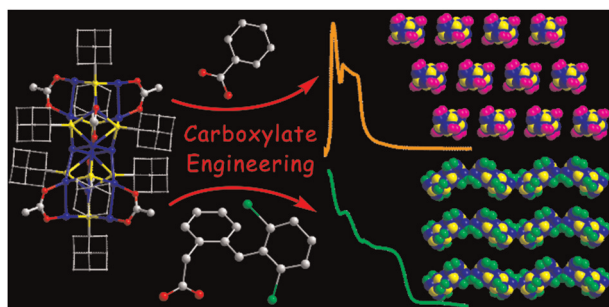
Electronic structure manipulation of MoSe_2 nanosheets with fast reaction kinetics toward long-life sodium-ion half/full batteries

Lei Zhang, Huilong Dong, Chengkui Lv, Chencheng Sun, Huaixin Wei, Xiaowei Miao, Jun Yang,* Liang Cao* and Hongbo Geng*



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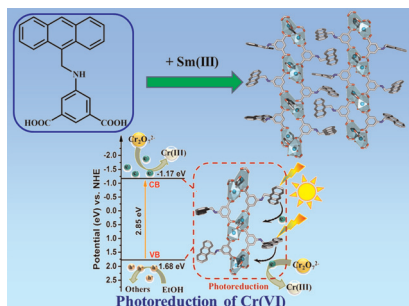
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Carboxylate engineering for manipulating the optical and assembly properties of copper clusters

Jing Sun, Fang Sun, Jiaqi Tang, Xiongkai Tang, Qingyuan Wu, Rong Huo, Ayisha He, Sachurilatu, Xueli Sun, Chaolumen,* Qing Tang* and Hui Shen*

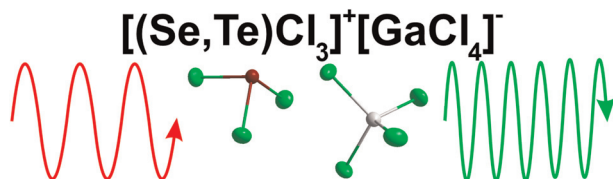
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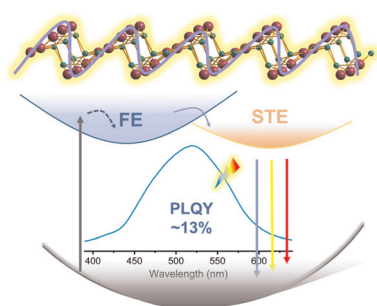
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Ruonan Xi, Yilin Jiang, Yukong Li, Jinlin Yin and Honghan Fei*

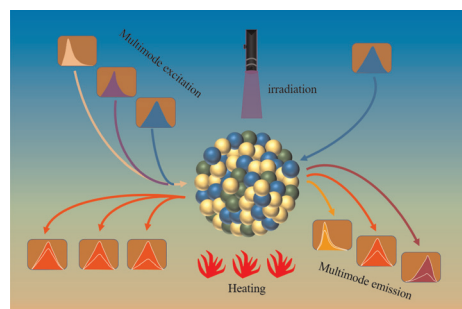


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Gadolinium-loaded LTL nanosized zeolite for efficient oxygen delivery and magnetic resonance imaging

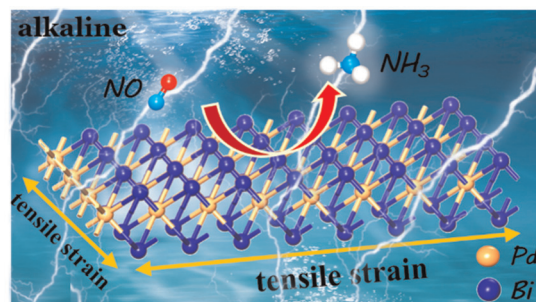
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The β -PdBi₂ monolayer for efficient electrocatalytic NO reduction to NH₃: a computational study

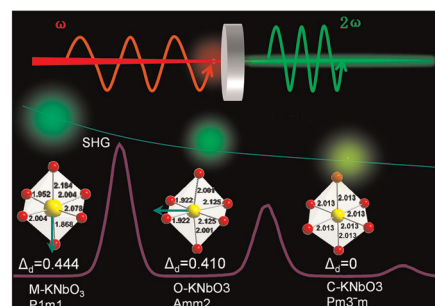
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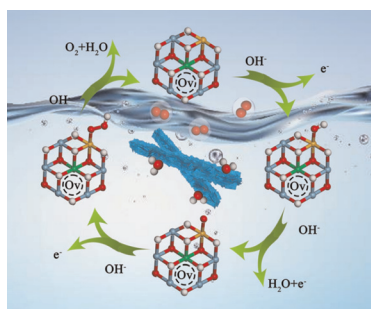
Insights into the mechanism of the symmetry dependent SHG properties in low dimensional KNbO₃ structures

Tianhui Wu, Baipeng Yin, Zhenpan Bian, Yahui Gao, Jianmin Gu* and Desong Wang*



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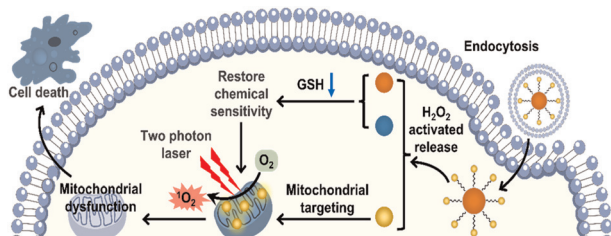
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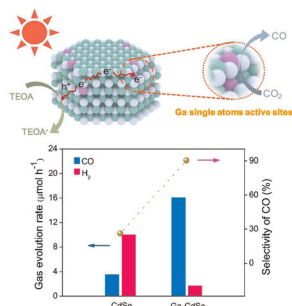
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Li Shi,* Yingkui Yan, Ye Wang, Tingting Bo, Wei Zhou,* Xiaohui Ren and Yanshuo Li*

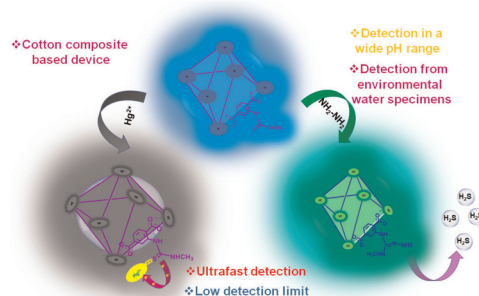


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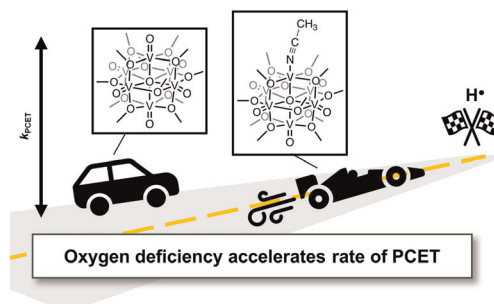
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Accelerated rates of proton coupled electron transfer to oxygen deficient polyoxovanadate–alkoxide clusters

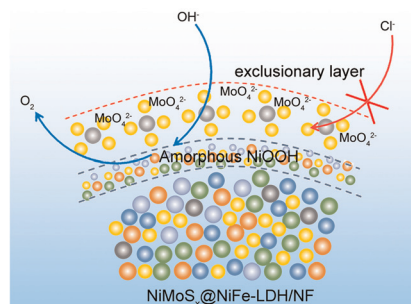
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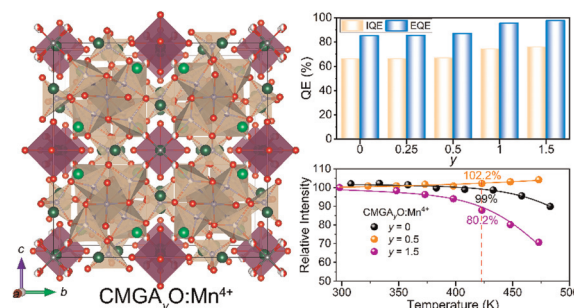
Longcheng Zhang, Ling Li, Jie Liang, Xiaoya Fan, Xun He, Jie Chen, Jun Li, Zixiao Li, Zhengwei Cai, Shengjun Sun, Dongdong Zheng, Yongsong Luo, Hong Yan, Qian Liu, Abdulmohsen Ali Alshehri, Xiaodong Guo,* Xuping Sun* and Binwu Ying*



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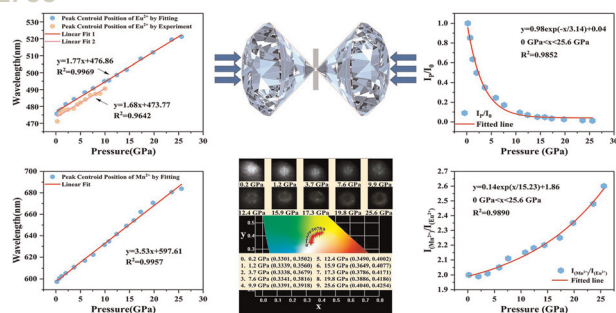
Structural confinement-induced highly efficient deep-red emission and negative thermal quenching performance in Mn⁴⁺-activated Ca₇Mg₂Ga_{6-y}Al_yO₁₈:Mn⁴⁺ phosphors

Jinmei Huang, Pengfei Jiang,* Zien Cheng, Rong Wang, Rihong Cong and Tao Yang*



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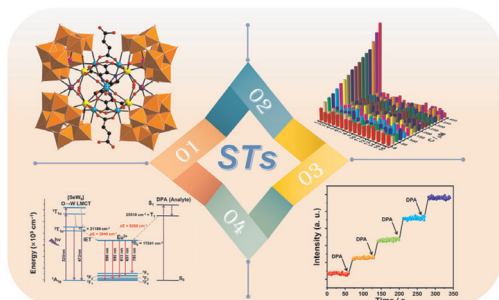
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Eu^{2+} and Mn^{2+} co-doped $\text{Lu}_2\text{Mg}_2\text{Al}_2\text{Si}_2\text{O}_{12}$ phosphors for high sensitivity and multi-mode optical pressure sensing

Zhibo Zheng, Yanhua Song, Baofeng Zheng, Yanxia Zhao, Qilin Wang, Xiangting Zhang, Bo Zou* and Haifeng Zou*

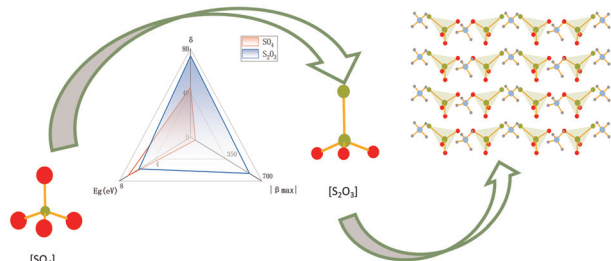
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Tiantian Gong, Sen Yang, Zixu Wang, Mengyao Li, Siyu Zhang, Jiancai Liu,* Lijuan Chen* and Junwei Zhao*

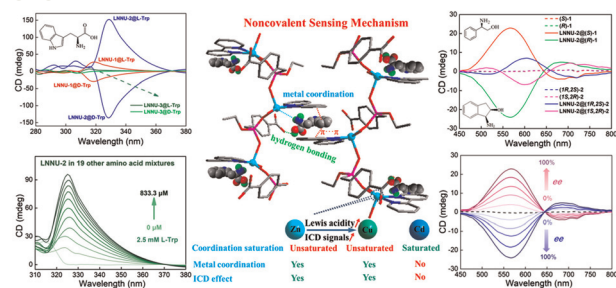
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Constructing ultraviolet nonlinear optical crystals with large second harmonic generation and short absorption edges by using polar tetrahedral S_2O_3 groups

Shixian Ke, Huixin Fan,* Chensheng Lin, Ning Ye and Min Luo*

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Noncovalent induced circular dichroism sensors based on a chiral metal-organic framework: chiral induction synthesis, quantitative enantioselective sensing and noncovalent sensing mechanism

Yanyu Zhu, Tianyang Ding, Xu Zhang, Yanan Zhou, Jiahui Yu, Xin Li, Hanwen Zheng, Zhengang Sun* and Chengqi Jiao*

