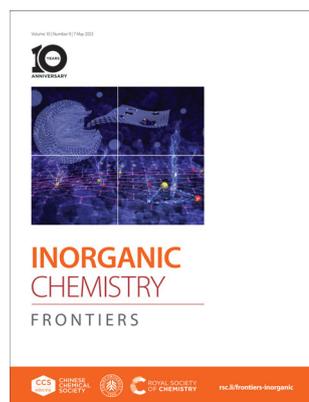


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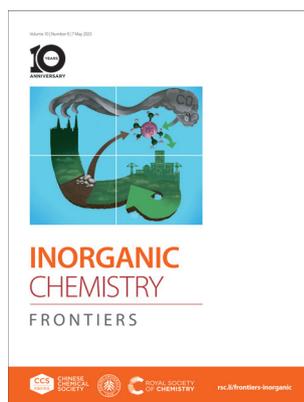
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See Yan Meng, Dan Xiao et al., pp. 2574–2585.

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Inside cover

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

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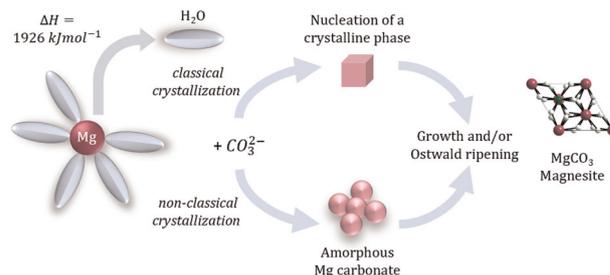
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Mechanisms of Mg carbonates precipitation and implications for CO₂ capture and utilization/storage

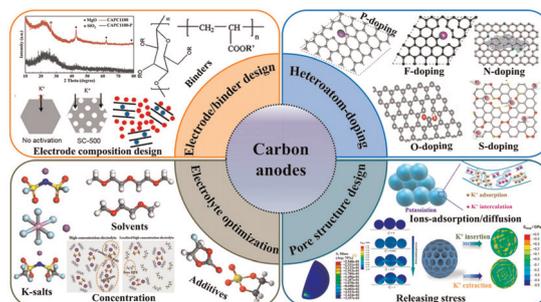
Hellen S. Santos,* Hoang Nguyen, Fabricio Venâncio, Durgaprasad Ramteke, Ron Zevenhoven and Paivo Kinnunen



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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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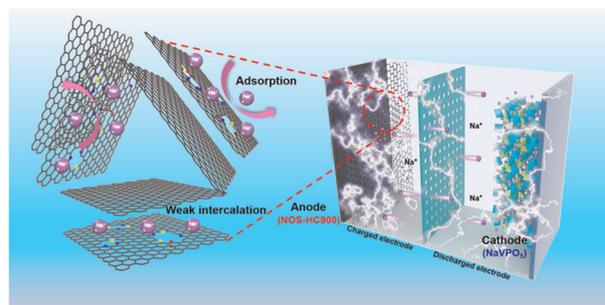


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Nitrogen/oxygen/sulfur tri-doped hard carbon nanospheres derived from waste tires with high sodium and potassium anodic performances

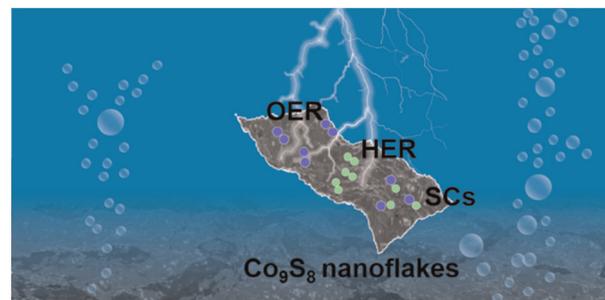
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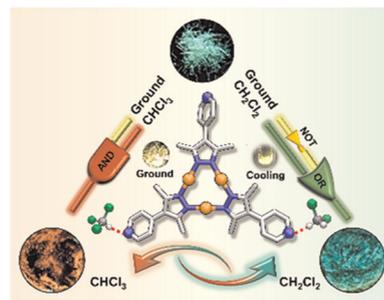
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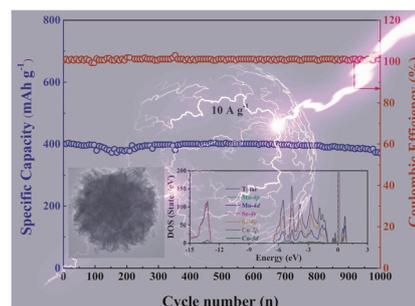
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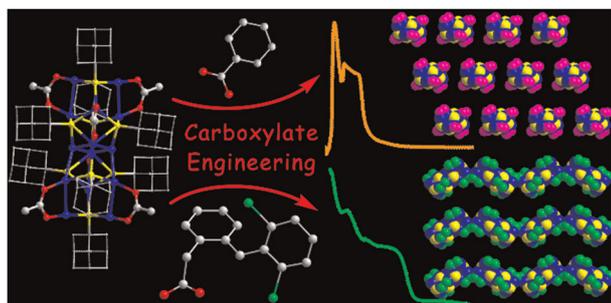
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Lei Zhang, Huilong Dong, Chengkui Lv, Chencheng Sun, Huaixin Wei, Xiaowei Miao, Jun Yang,* Liang Cao* and Hongbo Geng*



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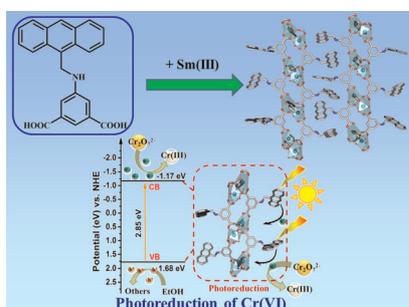
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Carboxylate engineering for manipulating the optical and assembly properties of copper clusters

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

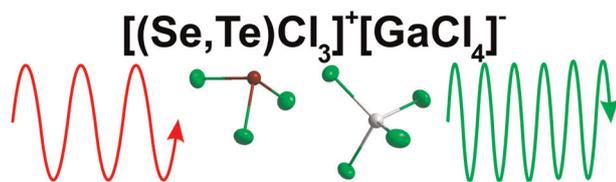
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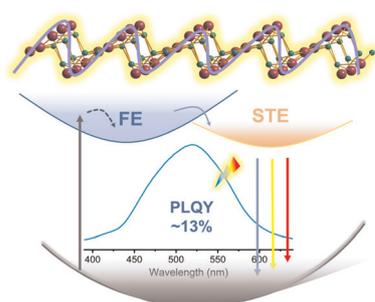
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Ruonan Xi, Yilin Jiang, Yukong Li, Jinlin Yin and Honghan Fei*

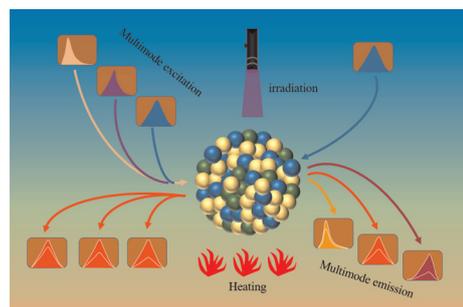


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Realization of multiple luminescence manipulation in tungsten bronze oxides based on photochromism toward real-time, reversible, and fast processes

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

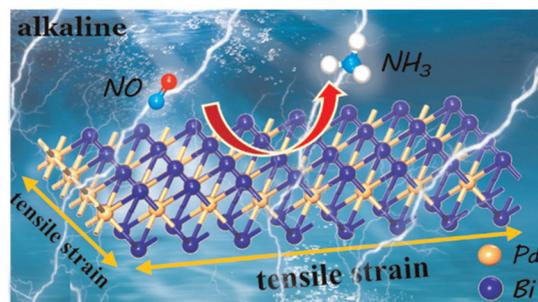
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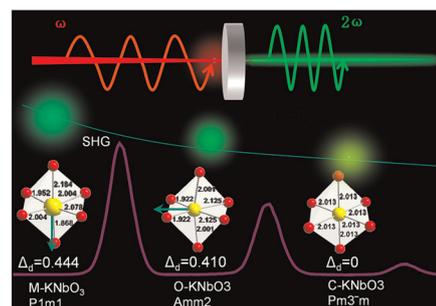
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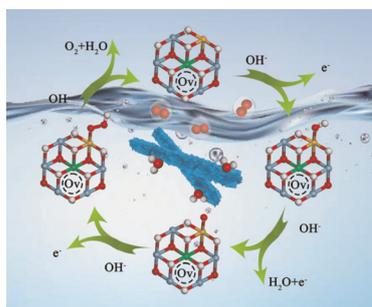
Insights into the mechanism of the symmetry dependent SHG properties in low dimensional KNbO₃ structures

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



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Wei Zuo, Zhenhang Xu, Mengyu Hu, Yueying Yu, Jinyan Liu, Gongzhen Cheng* and Pingping Zhao*

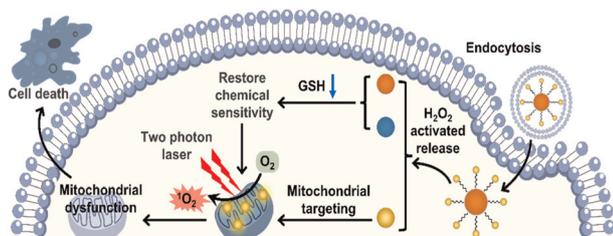
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Kai Chen, Ying Zhang, Wenyu Du, Yali Guo and Ke Chu*

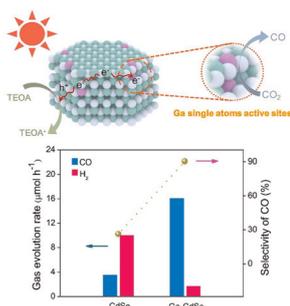
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Siyuan Gao, Fangmian Wei, Johannes Karges, Yukun Zhao,* Liangnian Ji and Hui Chao*

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Efficient and selective photocatalytic CO₂ reduction over Ga single atom decorated quantum dots under visible light

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

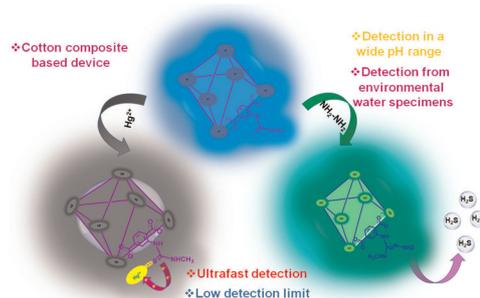


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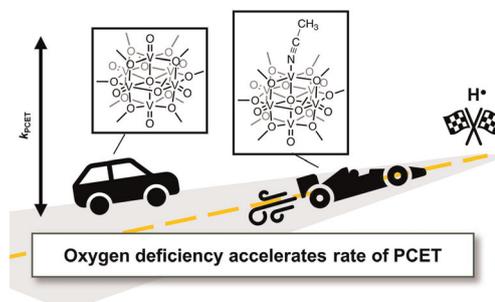
Abhijeet Rana and Shyam Biswas*



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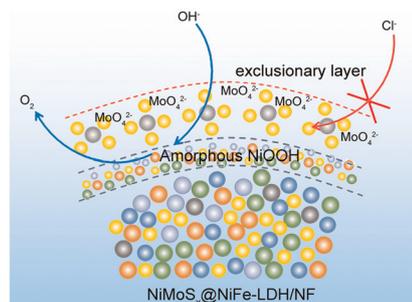
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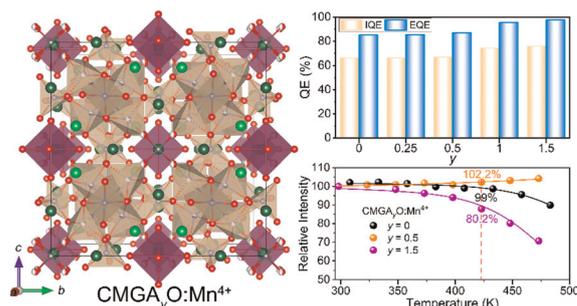
Longcheng Zhang, Ling Li, Jie Liang, Xiaoya Fan, Xun He, Jie Chen, Jun Li, Zixiao Li, Zhengwei Cai, Shengjun Sun, Dongdong Zheng, Yongsong Luo, Hong Yan, Qian Liu, Abdulmohsen Ali Alshehri, Xiaodong Guo,* Xuping Sun* and Binwu Ying*



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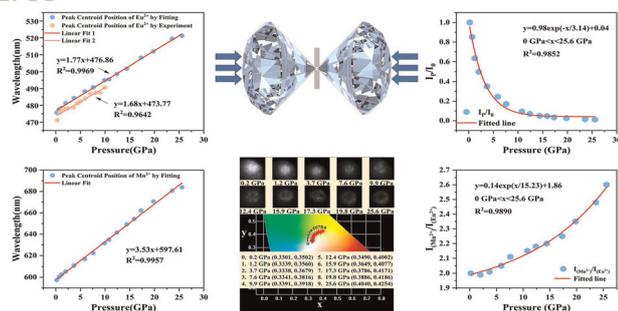
Structural confinement-induced highly efficient deep-red emission and negative thermal quenching performance in Mn⁴⁺-activated Ca₇Mg₂Ga_{6-y}Al_yO₁₈:Mn⁴⁺ phosphors

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



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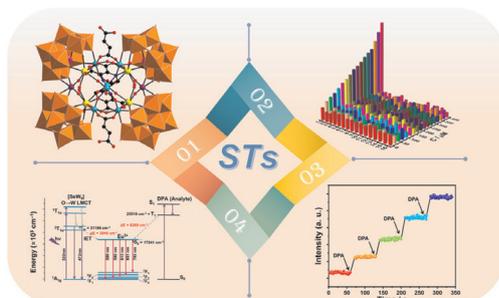
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Eu²⁺ and Mn²⁺ co-doped Lu₂Mg₂Al₂Si₂O₁₂ phosphors for high sensitivity and multi-mode optical pressure sensing

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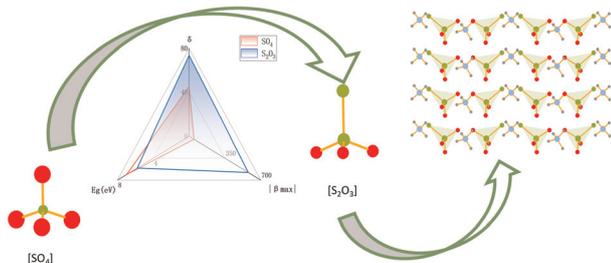
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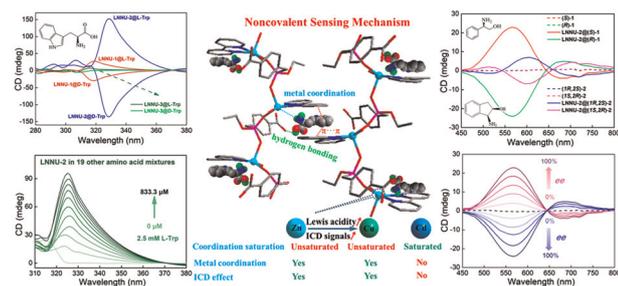
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Constructing ultraviolet nonlinear optical crystals with large second harmonic generation and short absorption edges by using polar tetrahedral S₂O₃ groups

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