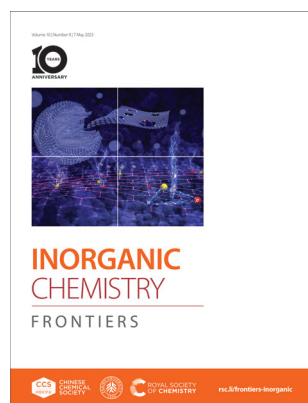


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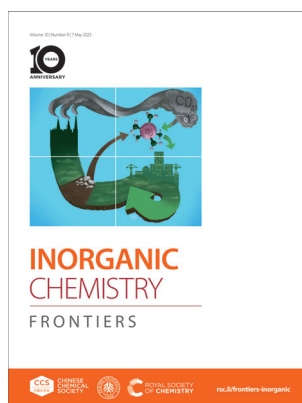
ISSN 2052-1553 CODEN ICFNAW 10(9) 2497-2830 (2023)



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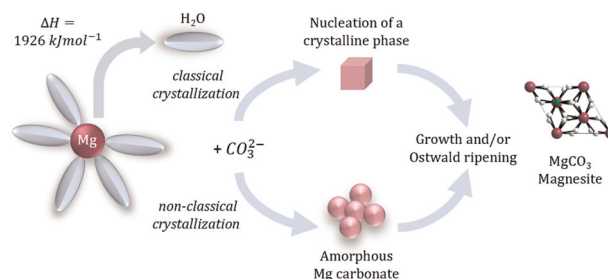
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Mechanisms of Mg carbonates precipitation and implications for CO₂ capture and utilization/storage

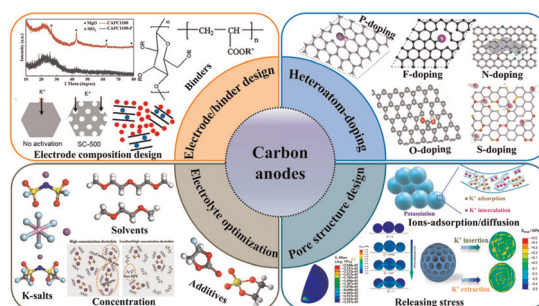
Hellen S. Santos,* Hoang Nguyen, Fabricio Venâncio, Durgaprasad Ramteke, Ron Zevenhoven and Paivo Kinnunen



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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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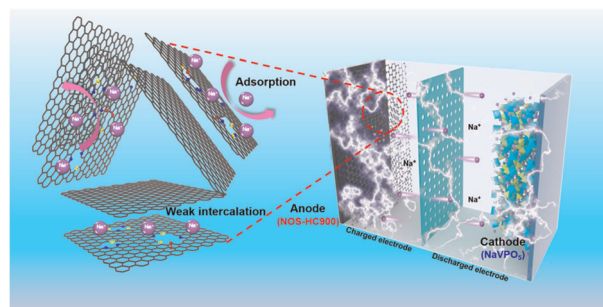


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Nitrogen/oxygen/sulfur tri-doped hard carbon nanospheres derived from waste tires with high sodium and potassium anodic performances

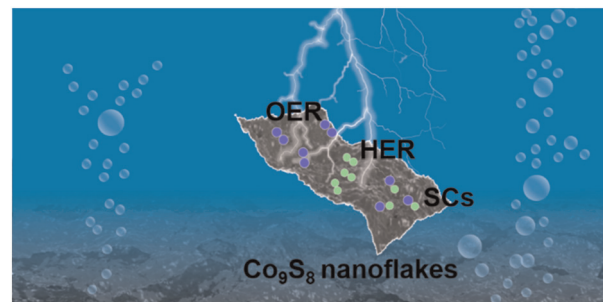
Qian Zhao, Qiaotian Zheng, Shenghu Li, Bin He, Xiulong Wu, Yujue Wang, Qingyuan Wang, Yan Meng* and Dan Xiao*



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Synthesis of Co_9S_8 nanoflakes by a one-step solvent-free solid-state method for multiple electrocatalytic reactions

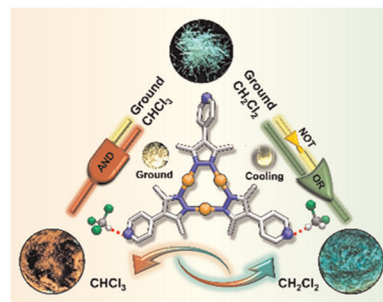
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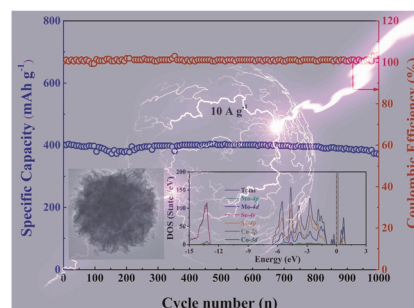
Wen-Jing Tang, Hu Yang, Su-Kao Peng, Ze-Miao Xiao, Guo-Quan Huang, Ji Zheng* and Dan Li*



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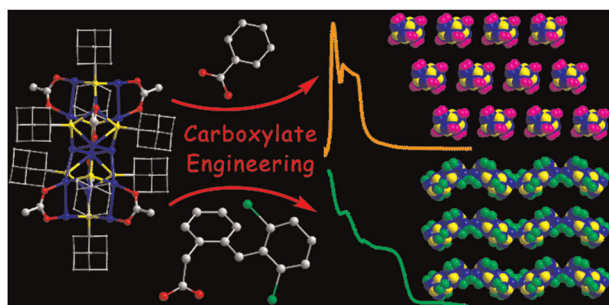
Electronic structure manipulation of MoSe_2 nanosheets with fast reaction kinetics toward long-life sodium-ion half/full batteries

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



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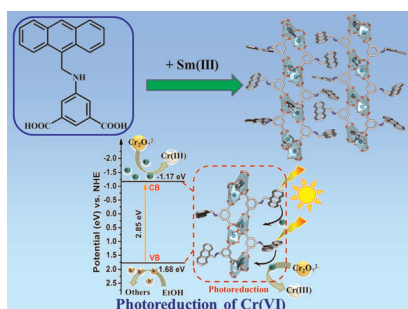
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Jing Sun, Fang Sun, Jiaqi Tang, Xiongkai Tang, Qingyuan Wu, Rong Huo, Ayisha He, Sachurilatu, Xueli Sun, Chaolumen,* Qing Tang* and Hui Shen*

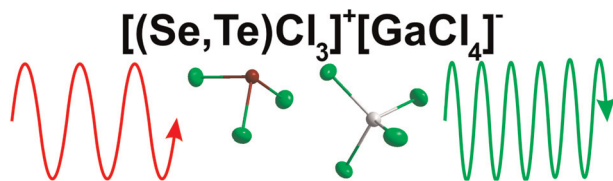
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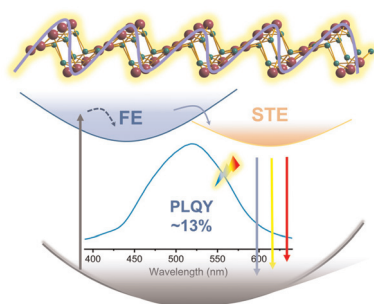
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Maxime A. Bonnin, Lkhamsuren Bayarjargal, Victor Milman, Björn Winkler* and Claus Feldmann*

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

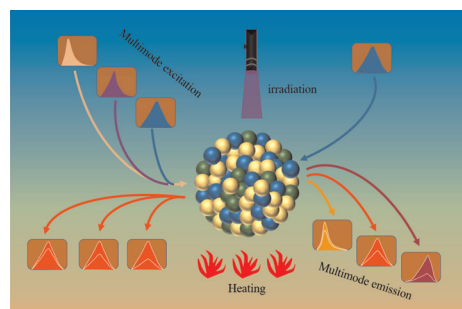


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Gadolinium-loaded LTL nanosized zeolite for efficient oxygen delivery and magnetic resonance imaging

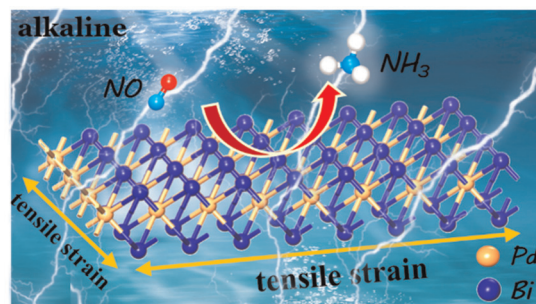
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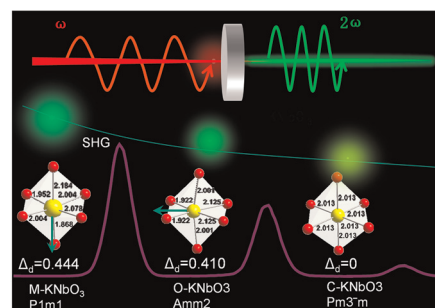
Yuting Sun, Zhongxu Wang, Yuejie Liu,* Qinghai Cai and Jingxiang Zhao*



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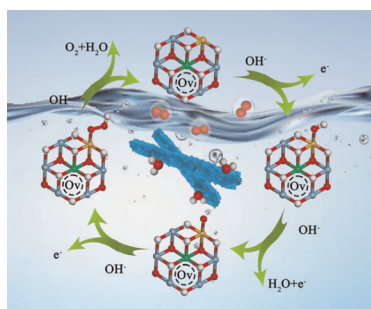
Insights into the mechanism of the symmetry dependent SHG properties in low dimensional KNbO₃ structures

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*

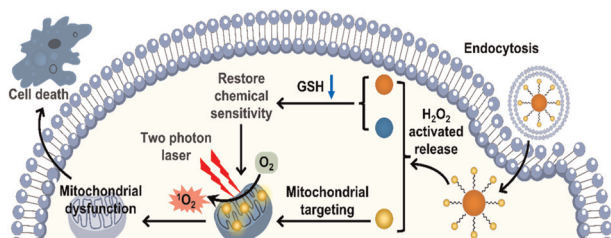
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Atomically isolated and unsaturated Sb sites created on Sb₂S₃ for highly selective NO electroreduction to NH₃

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

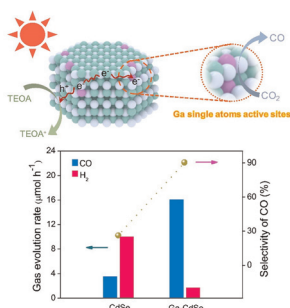
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Cancer cell membrane-camouflaged and H₂O₂-activatable nanocomposites for synergistic chemotherapy and two-photon photodynamic therapy against melanoma

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*

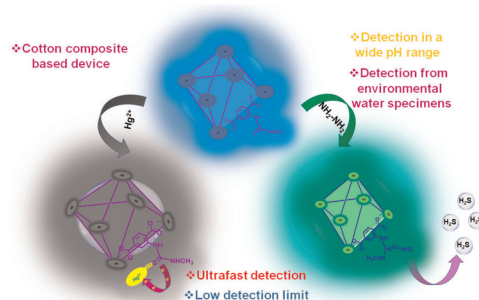


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Electrophilicity modulated targeted luminescence of MOF-coated cotton composite for dual analyte detection in aqueous medium

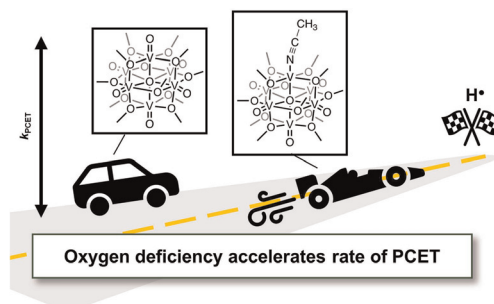
Abhijeet Rana and Shyam Biswas*



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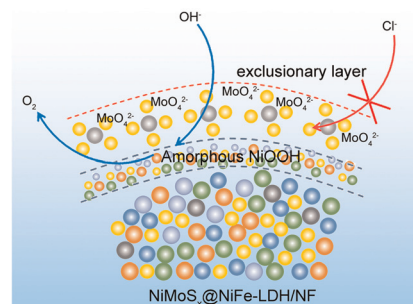
Shannon E. Cooney, Eric Schreiber, William W. Brennessel and Ellen M. Matson*



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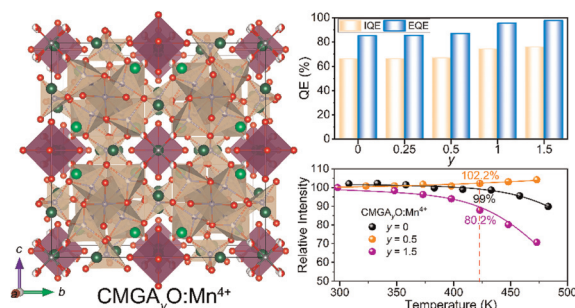
Longcheng Zhang, Ling Li, Jie Liang, Xiaoya Fan, Xun He, Jie Chen, Jun Li, Zixiao Li, Zhengwei Cai, Shengjun Sun, Dongdong Zheng, Yongsong Luo, Hong Yan, Qian Liu, Abdulmohsen Ali Alshehri, Xiaodong Guo,* Xuping Sun* and Binwu Ying*



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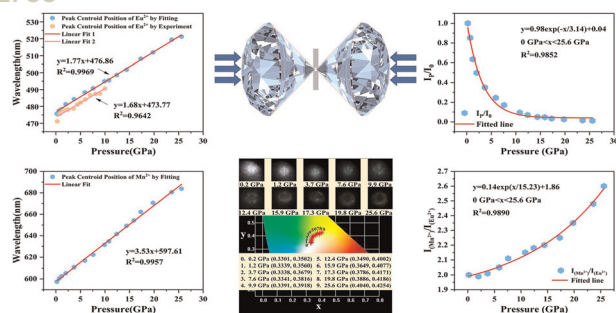
Structural confinement-induced highly efficient deep-red emission and negative thermal quenching performance in Mn⁴⁺-activated Ca₇Mg₂Ga_{6-y}Al_yO₁₈:Mn⁴⁺ phosphors

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



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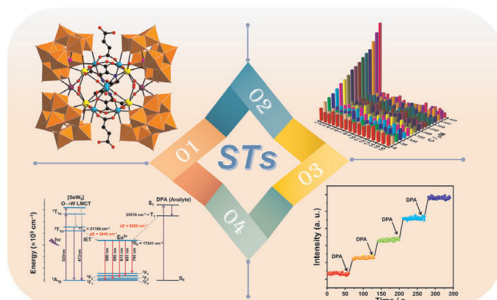
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Zhibo Zheng, Yanhua Song, Baofeng Zheng, Yanxia Zhao, Qilin Wang, Xiangting Zhang, Bo Zou* and Haifeng Zou*

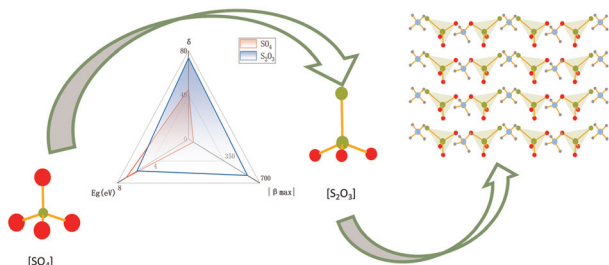
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Dual-ligand-functionalized dodeca-nuclear lanthanide-tungsten-cluster incorporated selenotungstates and fluorescence detection of dipicolinic acid (an anthrax biomarker)

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

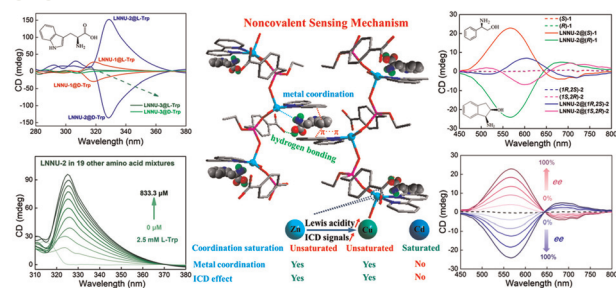
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Constructing ultraviolet nonlinear optical crystals with large second harmonic generation and short absorption edges by using polar tetrahedral S_2O_3 groups

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

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

