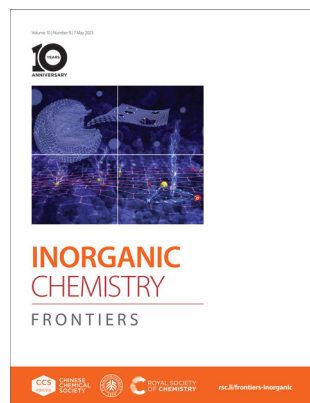


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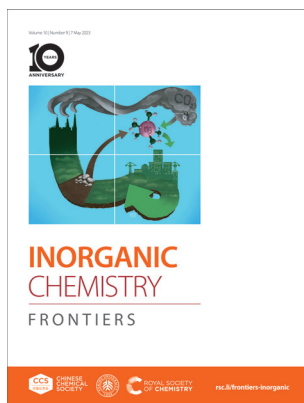
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See Yan Meng, Dan Xiao et al., pp. 2574–2585.

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

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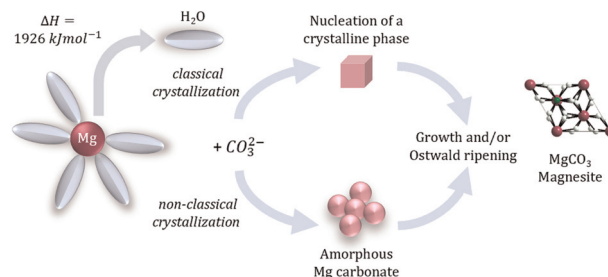
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Mechanisms of Mg carbonates precipitation and implications for CO₂ capture and utilization/storage

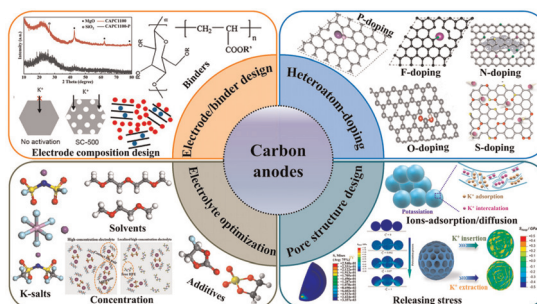
Hellen S. Santos,* Hoang Nguyen, Fabricio Venâncio, Durgaprasad Ramteke, Ron Zevenhoven and Paivo Kinnunen



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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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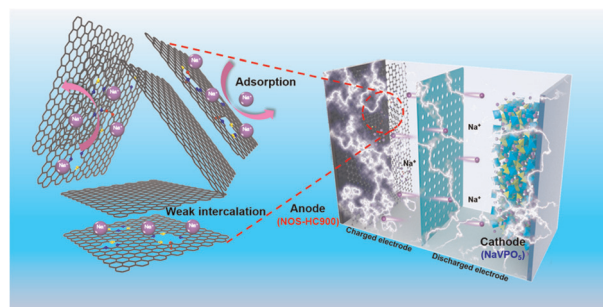


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Nitrogen/oxygen/sulfur tri-doped hard carbon nanospheres derived from waste tires with high sodium and potassium anodic performances

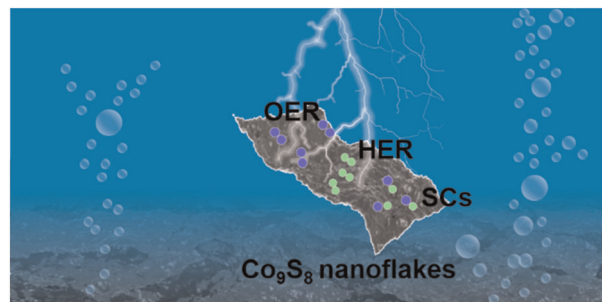
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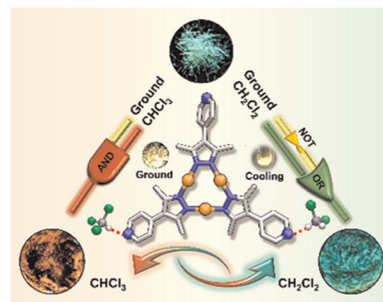
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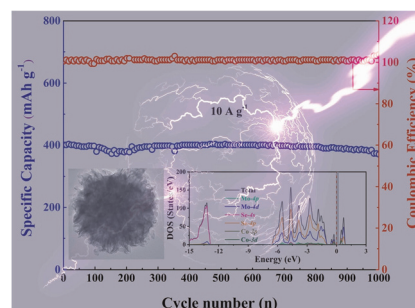
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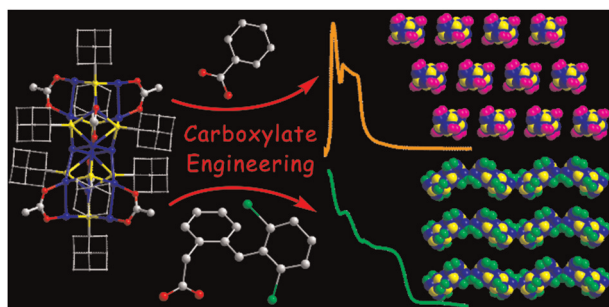
Electronic structure manipulation of MoSe_2 nanosheets with fast reaction kinetics toward long-life sodium-ion half/full batteries

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



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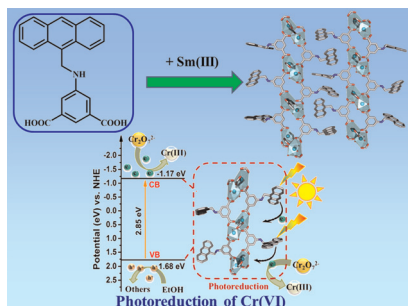
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Carboxylate engineering for manipulating the optical and assembly properties of copper clusters

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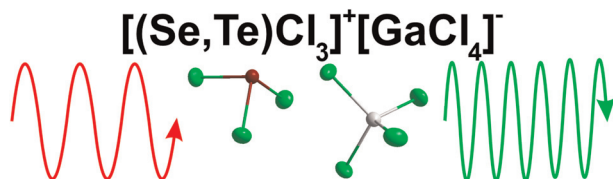
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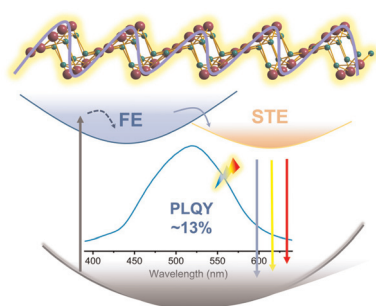
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Ruonan Xi, Yilin Jiang, Yukong Li, Jinlin Yin and Honghan Fei*

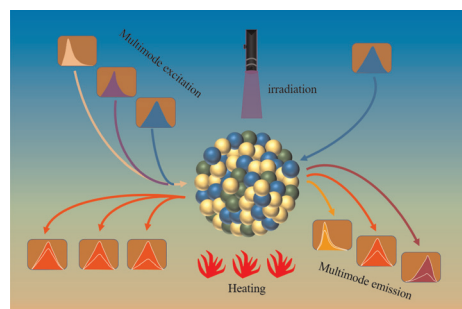


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Gadolinium-loaded LTL nanosized zeolite for efficient oxygen delivery and magnetic resonance imaging

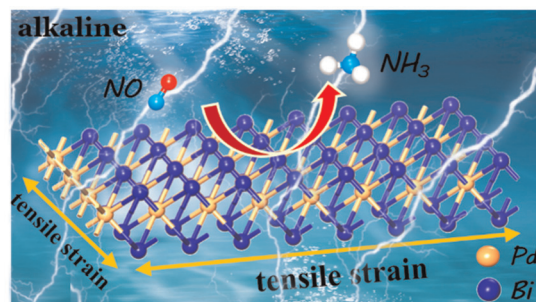
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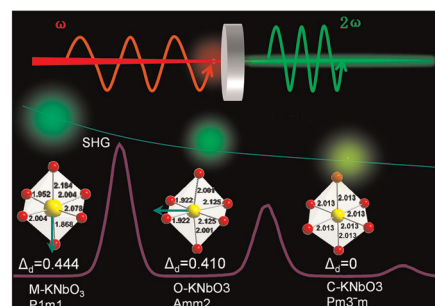
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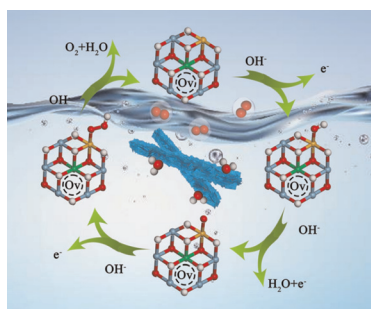
Insights into the mechanism of the symmetry dependent SHG properties in low dimensional KNbO₃ structures

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



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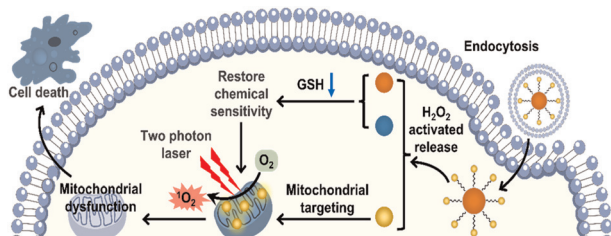
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Kai Chen, Ying Zhang, Wenyu Du, Yali Guo and Ke Chu*

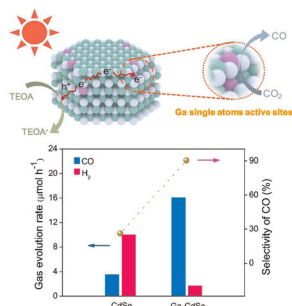
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Efficient and selective photocatalytic CO₂ reduction over Ga single atom decorated quantum dots under visible light

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

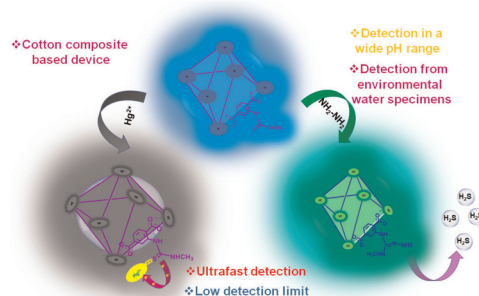


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Electrophilicity modulated targeted luminescence of MOF-coated cotton composite for dual analyte detection in aqueous medium

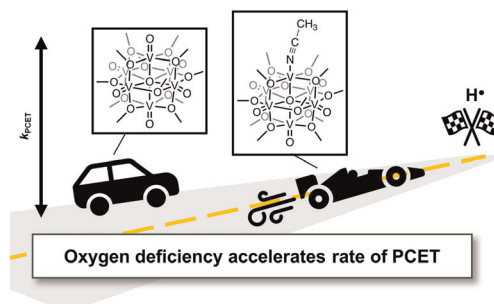
Abhijeet Rana and Shyam Biswas*



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

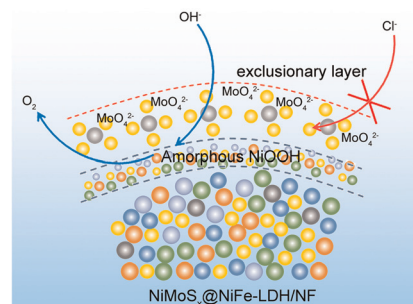
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Highly efficient and stable oxygen evolution from seawater enabled by a hierarchical NiMoS_x microcolumn@NiFe-layered double hydroxide nanosheet array

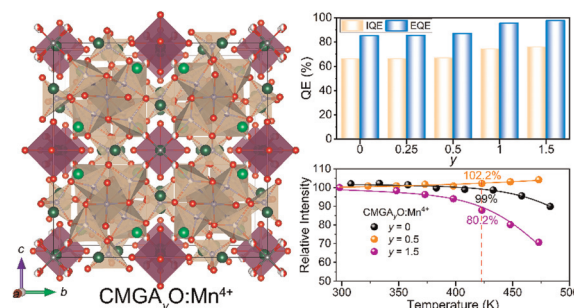
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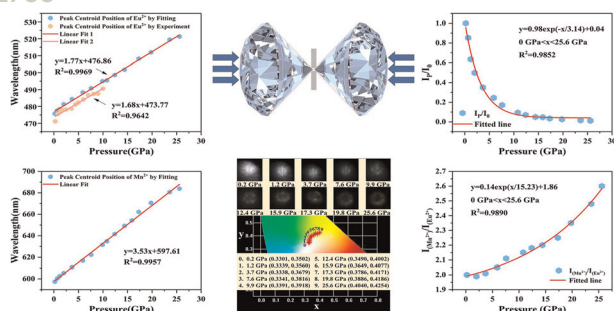
Structural confinement-induced highly efficient deep-red emission and negative thermal quenching performance in Mn⁴⁺-activated Ca₇Mg₂Ga_{6-y}Al_yO₁₈:Mn⁴⁺ phosphors

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



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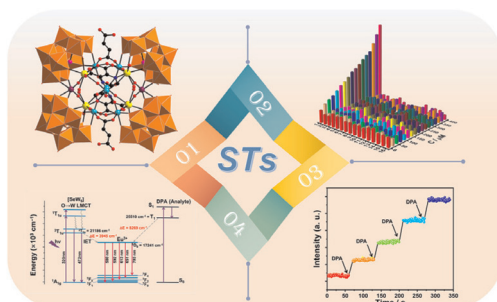
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Eu²⁺ and Mn²⁺ co-doped Lu₂Mg₂Al₂Si₂O₁₂ phosphors for high sensitivity and multi-mode optical pressure sensing

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

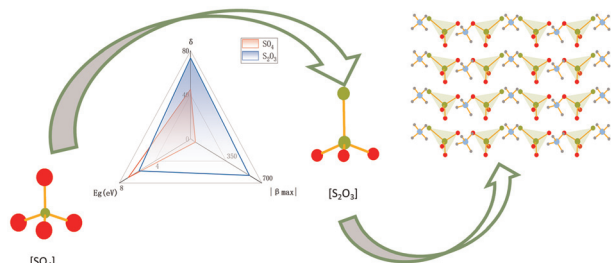
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Tiantian Gong, Sen Yang, Zixu Wang, Mengyao Li, Siyu Zhang, Jiancai Liu,* Lijuan Chen* and Junwei Zhao*

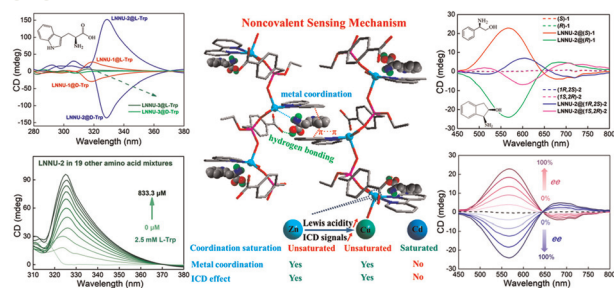
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Constructing ultraviolet nonlinear optical crystals with large second harmonic generation and short absorption edges by using polar tetrahedral S₂O₃ groups

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*

