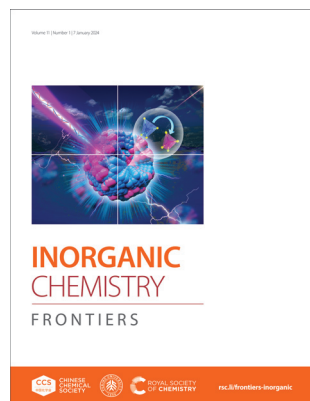


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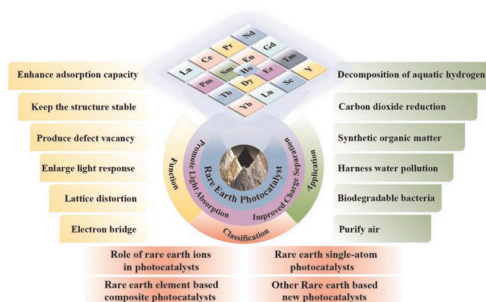
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The multiple roles of rare earth elements in the field of photocatalysis

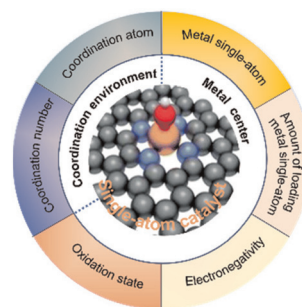
Jing An, Yang Qu* and Guofeng Wang*



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Local structural environment of single-atom catalysts

Zheng Chen and Lili Han*



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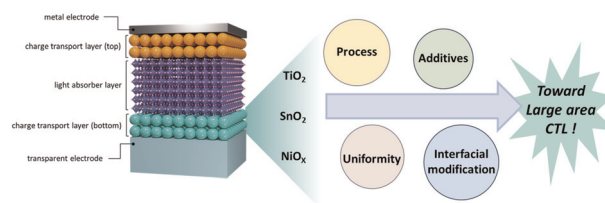
**Fundamental questions
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Towards scalability: progress in metal oxide charge transport layers for large-area perovskite solar cells

Seongmin Choi, Taeyeong Yong and Jongmin Choi*

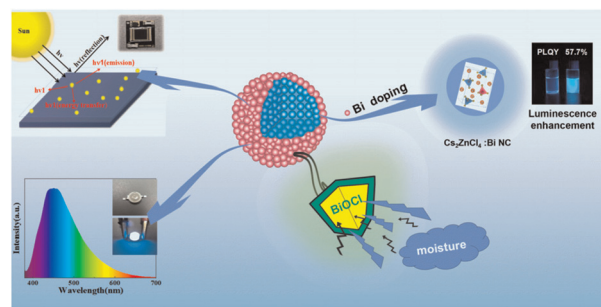


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Enhancing broadband blue luminescence efficiency and stability in Bi³⁺-doped Cs₂ZnCl₄ nanocrystals from STEs and advancing energy applications

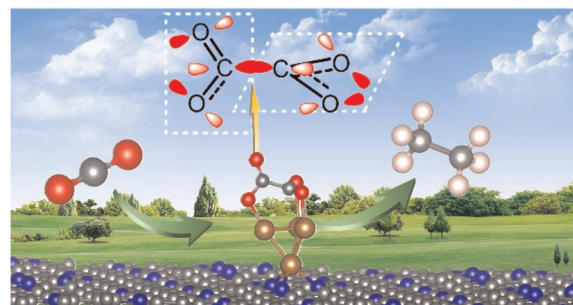
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Direct coupling of two inert CO₂ molecules to form a C–C bond on the Cu⁰ atomic interfaces of the nitrogen-doped graphene-supported Cu₄ cluster

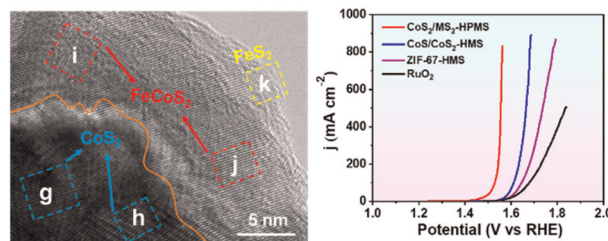
Xin-Jia Cui, Yong-Qing Qiu, Hong-Qiang Wang and Chun-Guang Liu*



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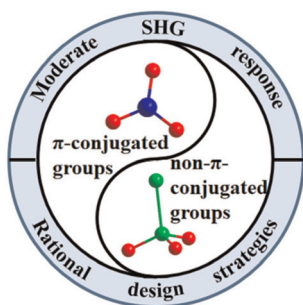
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Xiaoqu Wang, Limin Wang, Karuppasamy Kohila Rani, Xinglan Peng, Yu Ning, Xiaotian Liu, Youjun Fan,* Du-Hong Chen* and Wei Chen*



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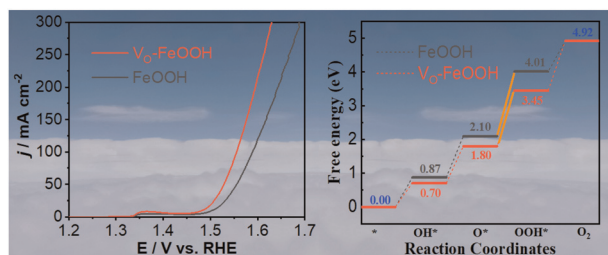
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$\text{Na}_{10}\text{Zn}(\text{NO}_3)_4(\text{SO}_3\text{S})_4$: a nonlinear optical crystal combining inorganic π -conjugated and non- π -conjugated heteroanion groups

Zihao Yu, Qingran Ding,* Yuhang Jiang, Weiqi Huang, Changsheng Yang, Sangen Zhao and Junhua Luo*

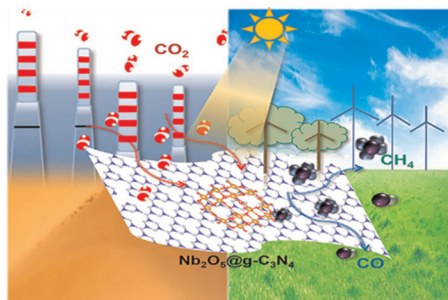
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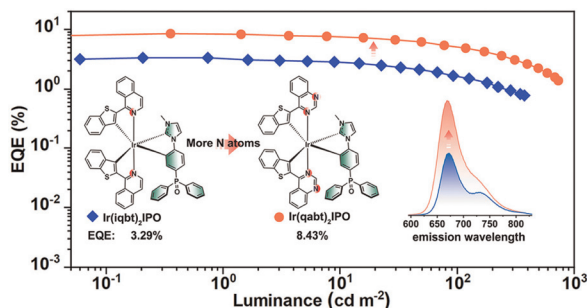
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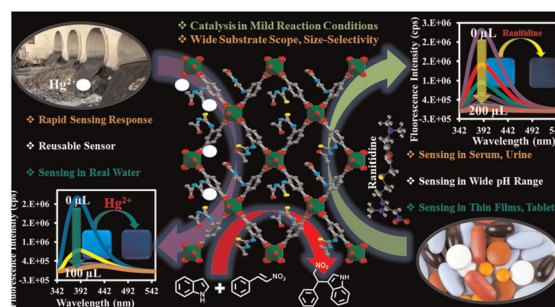


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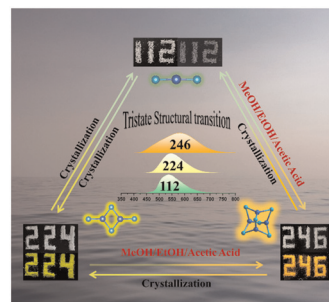
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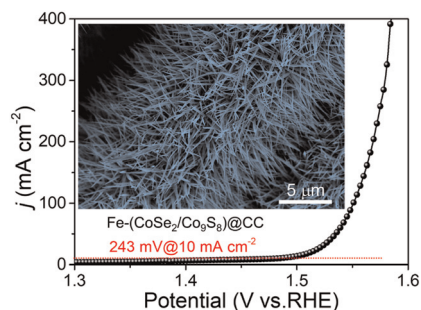
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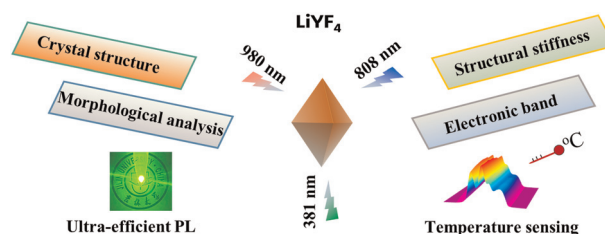
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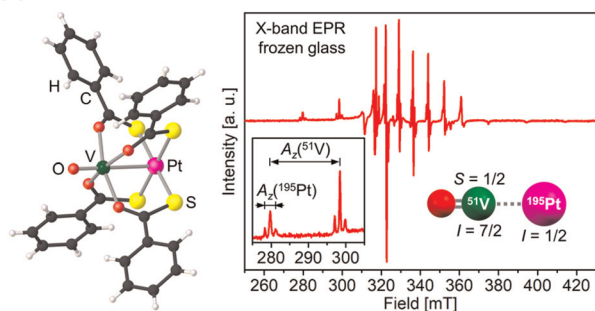
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Kejie Li, Mengmeng Dai, Zuoling Fu,* Zhiying Wang, Hanyu Xu and Rong Wang



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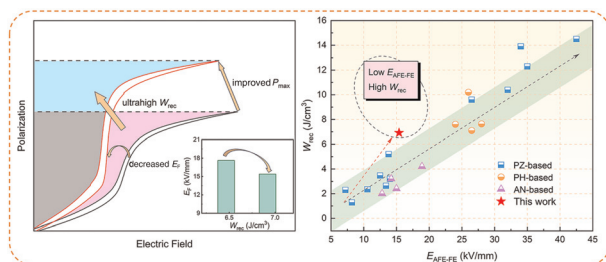
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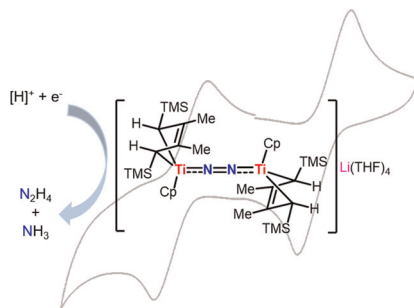
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Yan Li, Tongqing Yang* and Xiaohui Liu

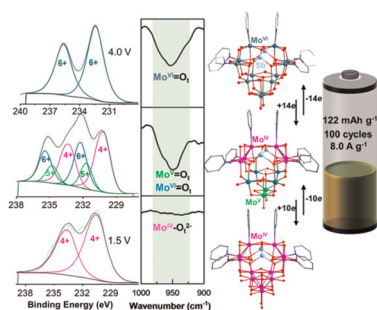
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Jie Zi, Meng Cao, Fang Yu, Cuiming Ren, Ruili Sang and Li Xu*

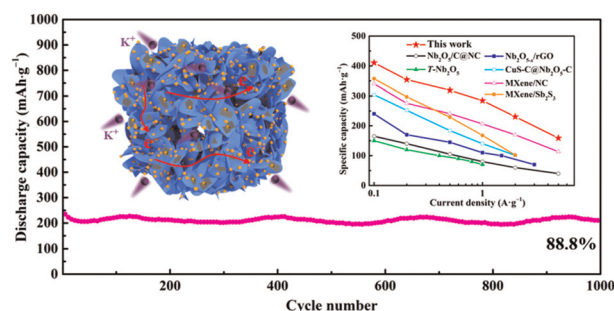


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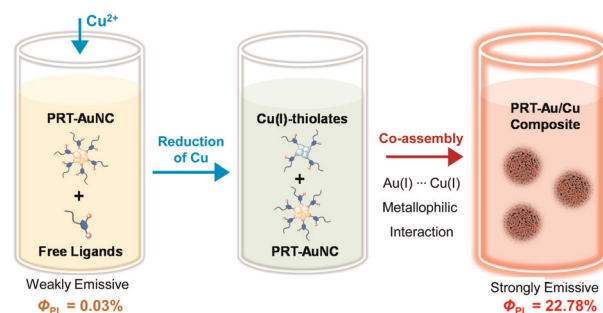
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A cooperative effect of copper-induction and AIE leading to bright luminescence of gold nanoclusters

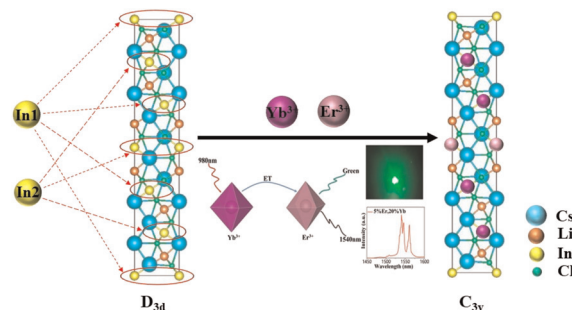
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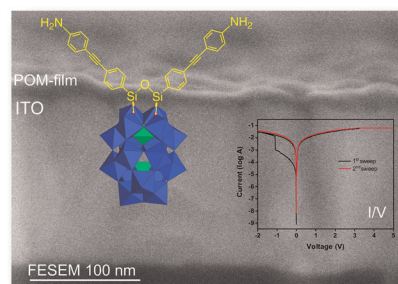
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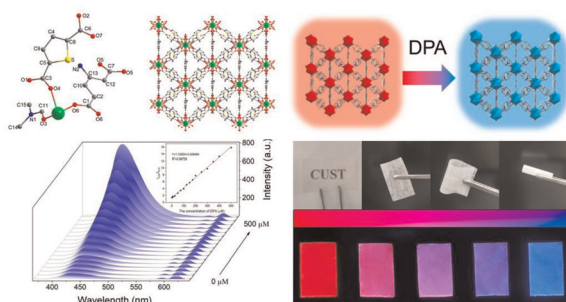
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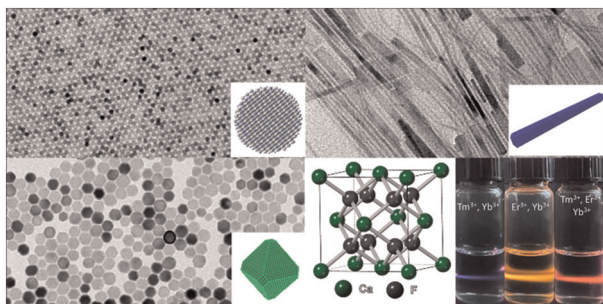
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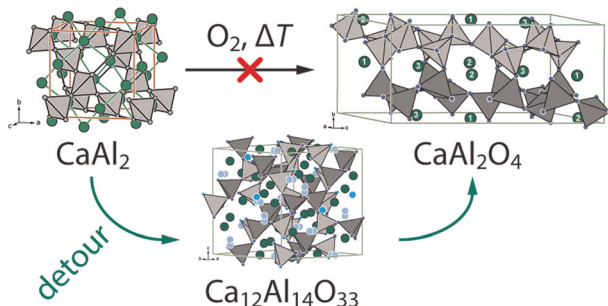
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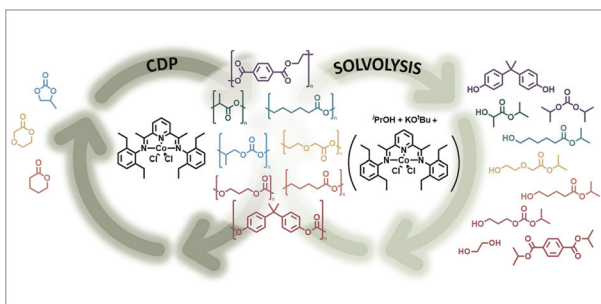
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Kai D. Knight and Megan E. Fieser*

