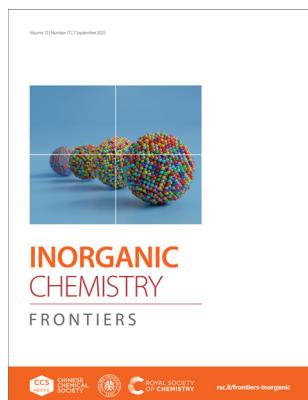


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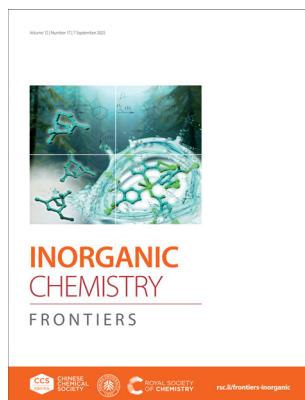
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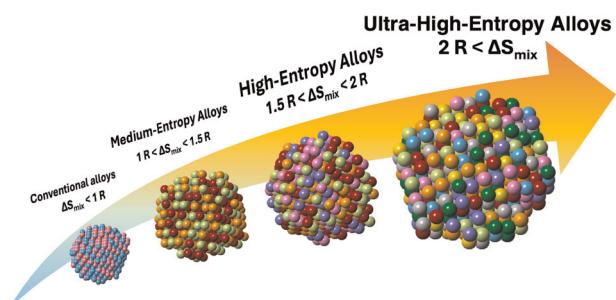
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Ultra-high-entropy alloy nanoparticles: beyond five components

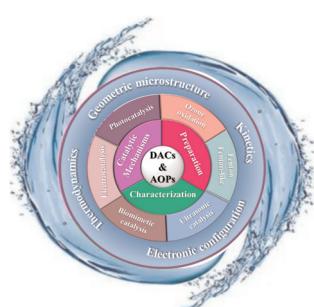
Julien Mahin,* Kohei Kusada* and Hiroshi Kitagawa*



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Geometric and electronic perspectives on dual-atom catalysts for advanced oxidation processes

Bofan Zhang, Jialiang Rui, Ye Zhang, Luyu Yang,
Shiro Kubuki, Yang-Chun Yong* and Liang Zhang*





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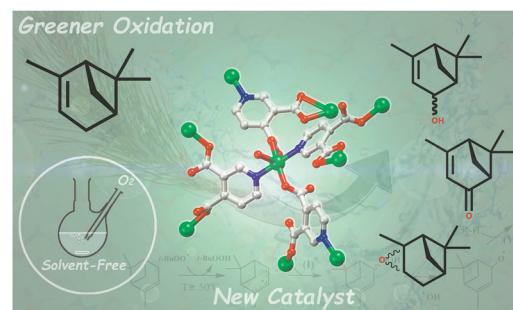
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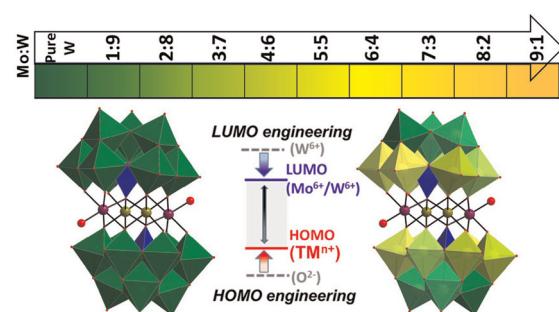
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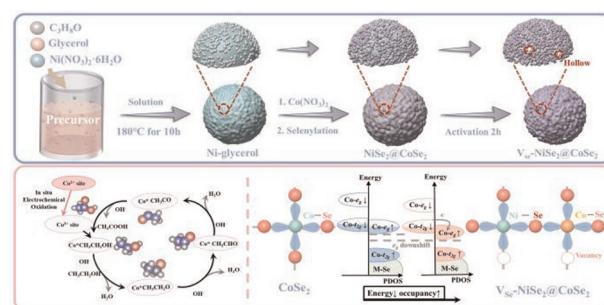
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Copper pyridinedicarboxylates: assembly, structures, and catalytic oxidation of terpenesGilvan A. Correia, Chris H. J. Franco,*
Marina V. Kirillova* and Alexander M. Kirillov*

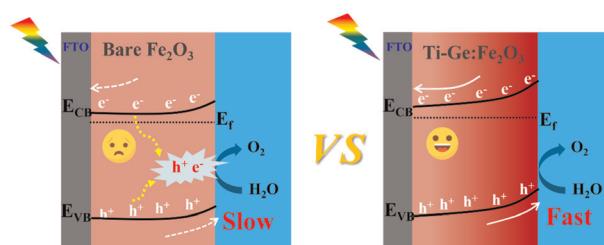
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Mixed addenda polyoxometalates by cooperative self-assembly and modulation of their optoelectronic propertiesGanga Singh, Ruchika Choudhary and
Debaprasad Mandal*

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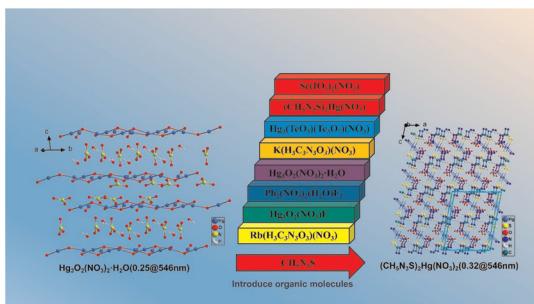
Modulation of Se vacancies on $\text{NiSe}_2@\text{CoSe}_2$ heterostructures to optimize ethanol electrooxidation activity for efficient hybrid water splitting and zinc–ethanol–air batteriesJiahui Li, Feilong Fang, Yongqi Jian, Zilong Li,
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Pengfei Feng, Bonan Li, Baochun Ma and Yong Ding*

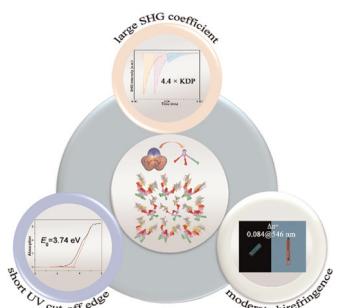
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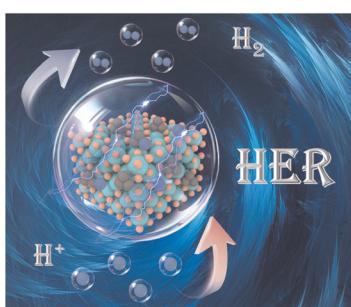
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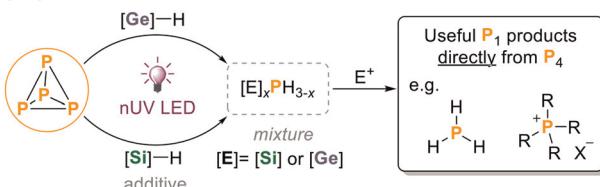
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**Hydrosilylation and hydrogermylation of white phosphorus**

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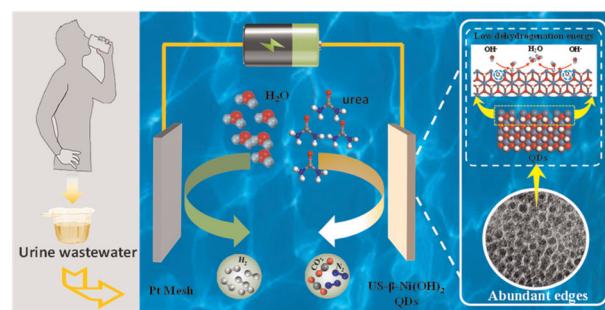


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Ultra-small β -Ni(OH)₂ quantum dot catalyst with abundant edges for an efficient urea oxidation reaction

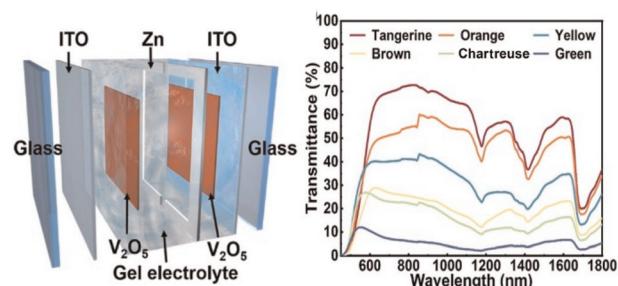
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Rapid response and wide-band regulation of an electrochromic device achieved by ultra-small V₂O₅ nanodots and a Zn²⁺/Li⁺ electrolyte

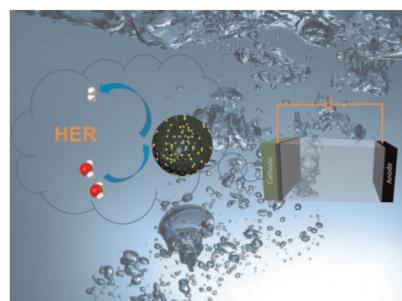
Ling Wang, Bin Wang, Haizeng Li* and Lixin Qiao*



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Enhancing electrocatalytic hydrogen evolution efficiency: tuning catalyst support pore size to optimize hydrogen adsorption–desorption kinetics

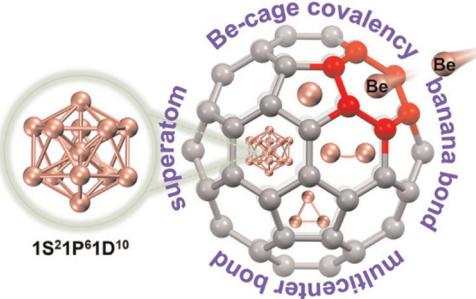
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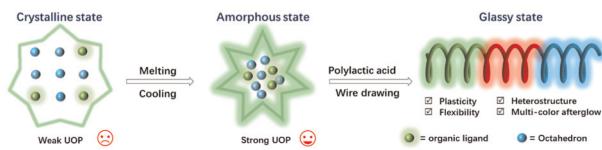
Be atoms in fullerenes: strong metal–cage covalency with the formation of Be–Be banana bonds, multicenter bonds and trapped superatoms

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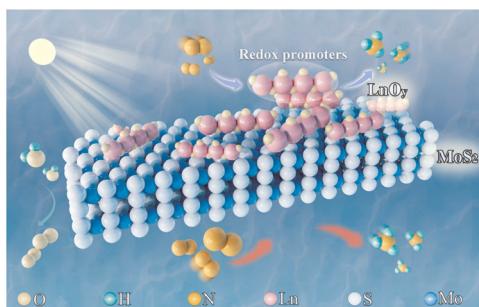
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Multi-color afterglow from amorphous hybrid perovskites for flexible, programmable heterostructured composites

Liwen Kang, Jinyu Xu, Junyan Wu,* Qidan Ling and Zhenghuan Lin*

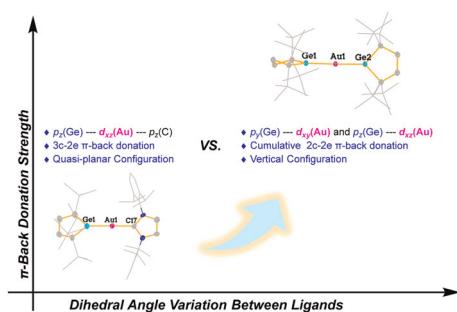
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Lifang Wu, Rong Zhang, Xinran Wang, Wenyao Zeng, Lanhai Zhang, Yining Gao, Jiyong Liu, Lingbing Kong, Jiaxin Chen* and Liliang Wang*

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Unveiling the mechanism of enhanced alkaline hydrogen evolution kinetics on molybdenum–cobalt sulfides for efficient anion exchange membrane water electrolyzers

Jingbin Huang, Bin Hu, Yunlin Li, Jie Zhu,* Jing Jiang, Han Zhao, Jingxian Zhou, Lin Jin* and Renbing Wu*

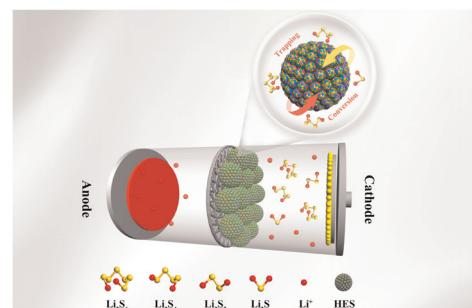


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High entropy sulfide nanoparticles as redox catalysts for lithium–sulfur batteries

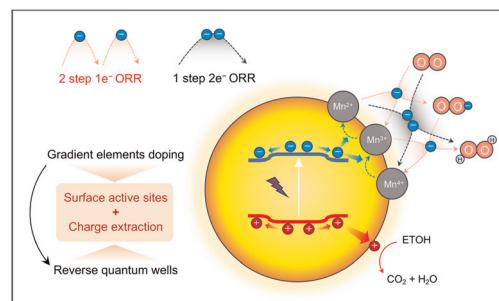
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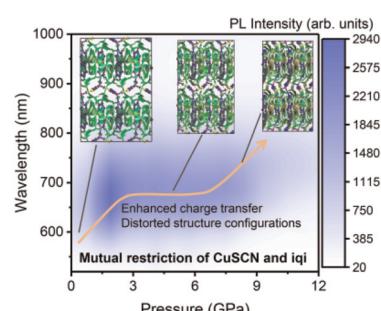
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