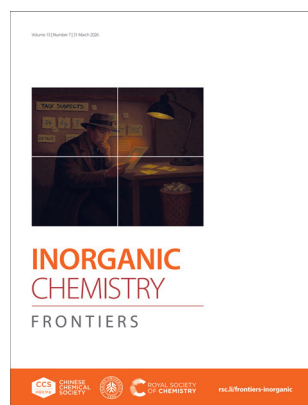


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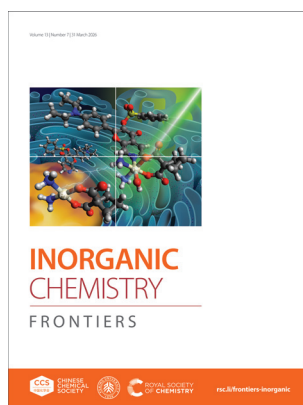
ISSN 2052-1553 CODEN ICFNAW 13(7) 2673–3198 (2026)



Cover

See Piotr Pander *et al.*, pp. 2816–2834.

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Inside cover

See Guangyu Zhu *et al.*, pp. 2835–2842.

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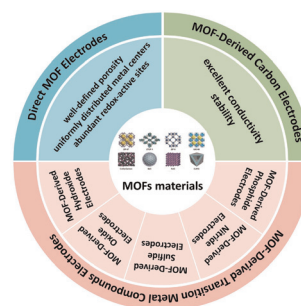
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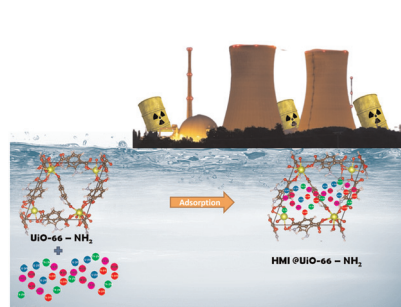
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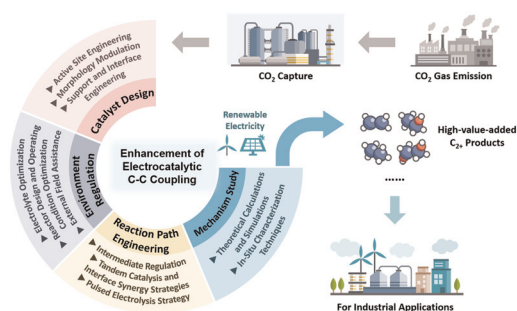
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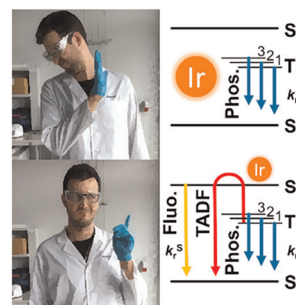


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Evidence for thermally activated delayed fluorescence in iridium(III) complexes

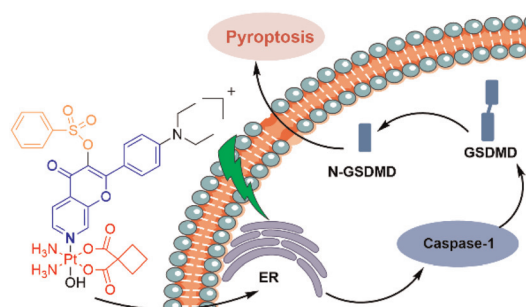
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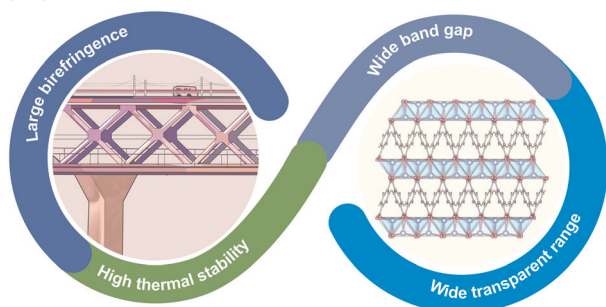
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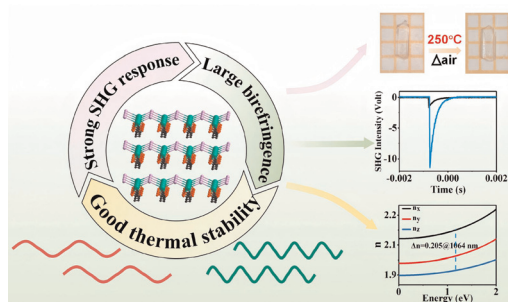
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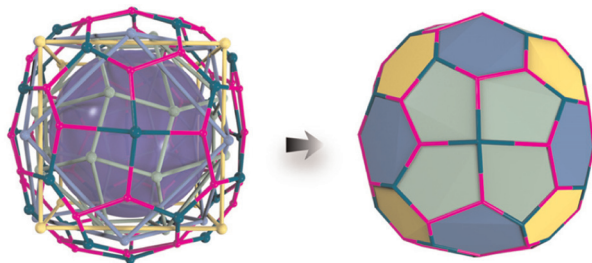
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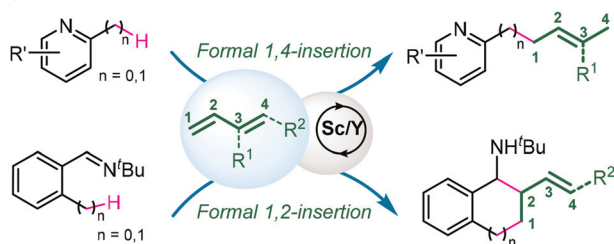
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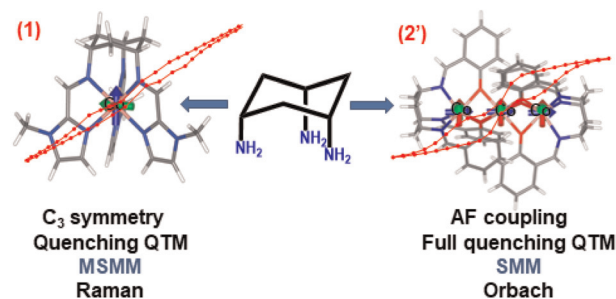


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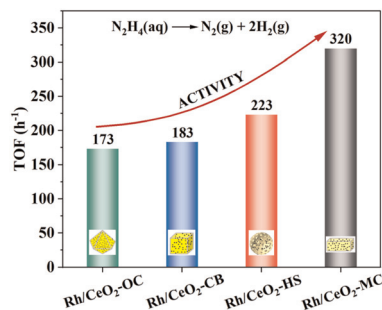
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Monometallic Rh nanocatalysts supported on CeO₂ microcuboids for highly efficient dehydrogenation of hydrous hydrazine

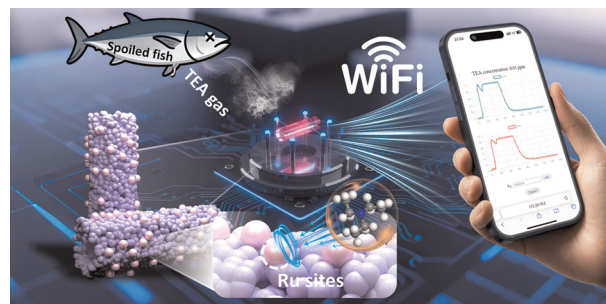
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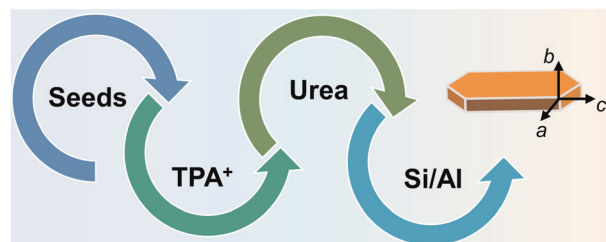
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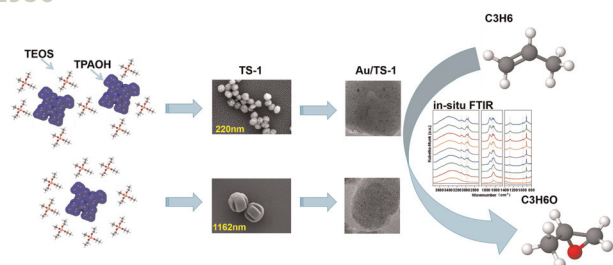
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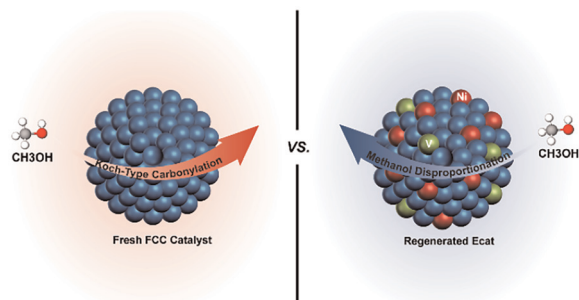
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Yupeng Tian, Yujia Liu, Chenyang Zhao, Mingzhi Li, Xinmei Liu, Bing Sun* and Wei Xu*

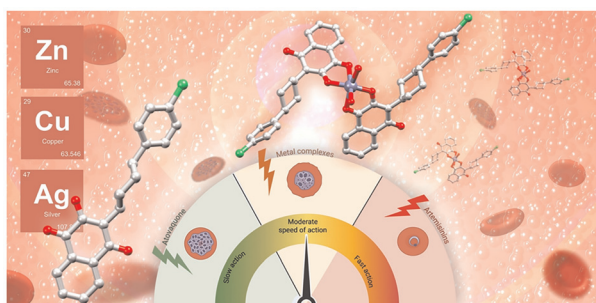
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Repurposing fluid catalytic cracking catalysts for methanol conversion: route selection and deactivation of fingerprints

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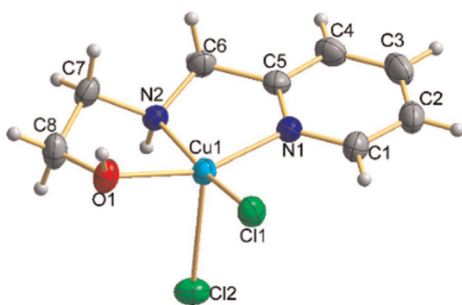
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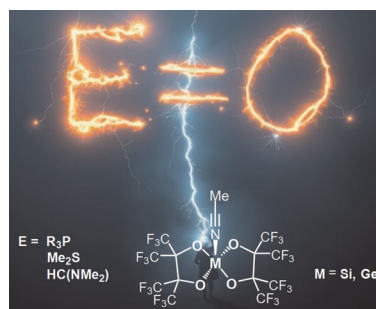


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Lewis superacids for catalytic reductions of stronger element–oxygen double bonds with hydrosilanes

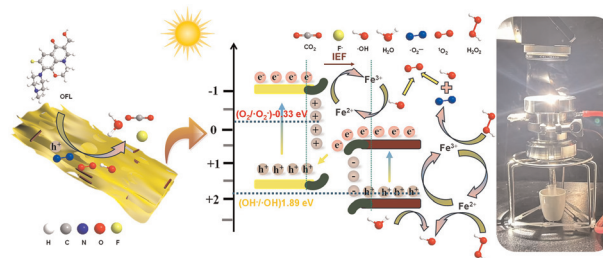
Daniel Franz, Thomas R. Frost, Sebastian Stigler and Shigeyoshi Inoue*



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Oxygen-free wastewater treatment system constructed using $\text{FeWO}_4@ \text{CN}$ S-scheme heterojunction photocatalyst coupled with H_2O_2 activation

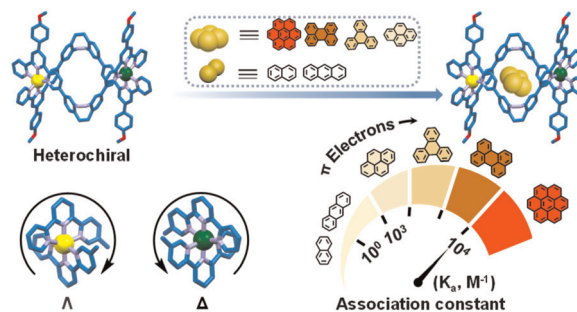
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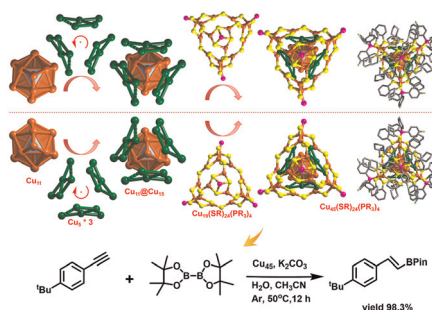
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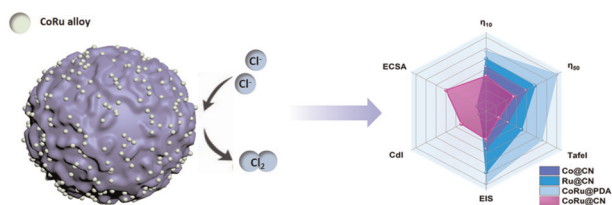
Core–shell $[\text{Cu}_{45}(\text{C}_6\text{H}_{11}\text{S})_{24}(\text{P}(\text{PhF})_3)_4\text{H}_{19}]^{2+}$ nanocluster: synthesis, structure and catalytic hydroboration

Hang Yu, Jianmei Jia, Tao Yang, Kai Chen, Shan Jin,* Lin Xiong* and Manzhou Zhu*



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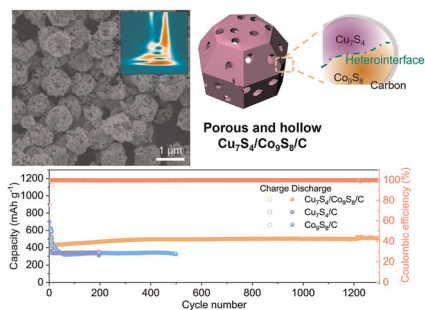
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A strain-modulated CoRu alloy supported on nitrogen-doped carbon nanospheres for defect-driven industrial chlorine evolution electrocatalysis

Bo Zhang, Qiqi Zhang, Ru Xiao, Xiaoxuan Min, Huiqi Jia, Kang Liu, Ying Deng,* Zhenyu Xiao* and Lei Wang*

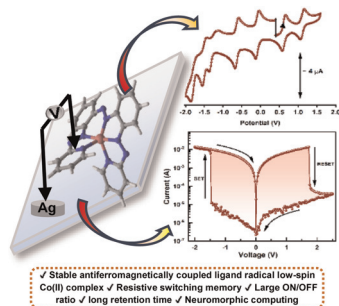
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Designing a binary sulfide/carbon polyhedron for secondary batteries with high electrochemical and thermal performances

Yongmei Hua, Fengming Ma, Jiaqi Gu, Huizi Songtian, Fan Zhou, Yang Lu, Xiang Fang, Lulu Mu, Xulai Yang, Yin Peng,* Jinjin Li,* Qiye Zheng* and Jinyun Liu*

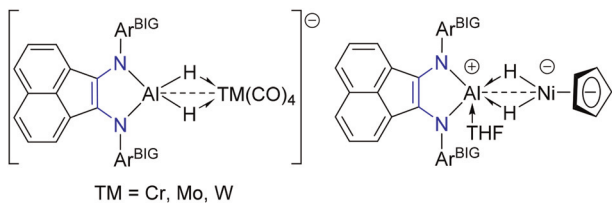
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A tris-azo anion radical ligand-wrapped singlet Co(II) complex with multiple redox for an efficient molecular memristor towards neuromorphic computing

Swati Rani, Priya Kaith, Swayang Priya Mahanta, Muskan, Nisha Yadav, Avtar Changotra, Subhankar Bedanta, Prathapa Siritraya Jagannathae, Ashok Bera* and Subhas Samanta*

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Tatyana S. Koptseva, Evgeny V. Baranov, Sergey Yu. Ketkov* and Igor L. Fedushkin*

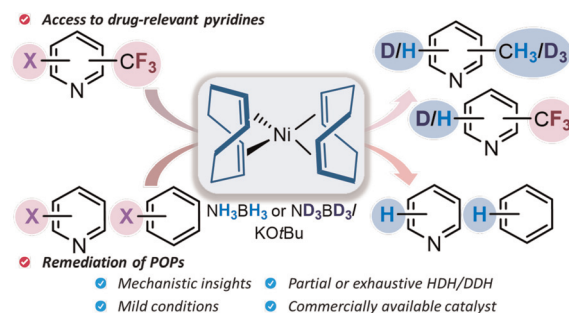


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Bis(cyclooctadiene)nickel(0)-catalyzed exhaustive C(sp²)-X and C(sp³)-F hydrodehalogenation and deuterodefluorination of pyridines and arenes with a broad substrate scope

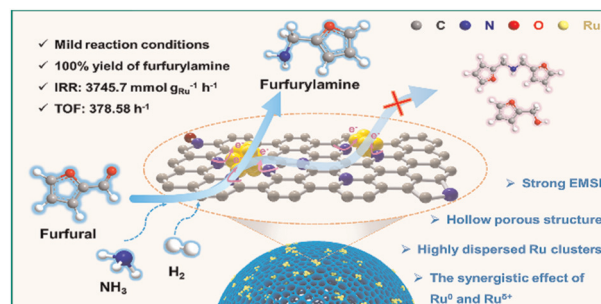
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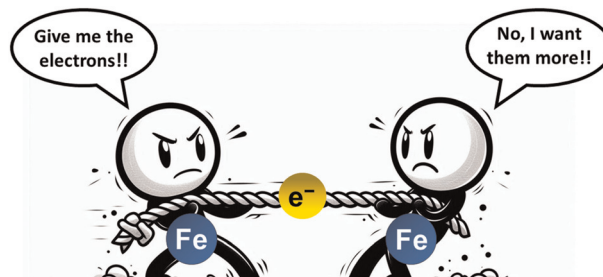
Jun Wu,* Gang Pan, Ming Jin, Jiahao Bai, Tailong Shi and Yong Li*



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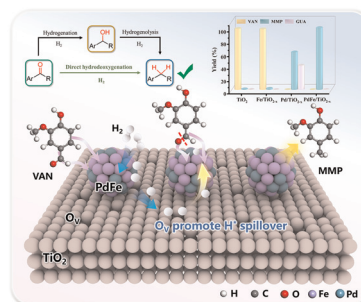
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