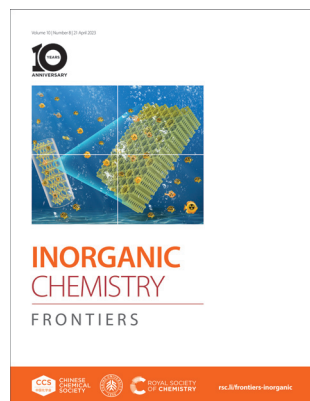


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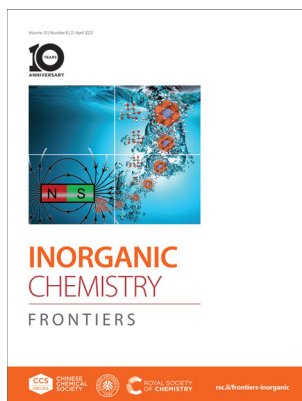
ISSN 252-1553 CODEN ICFNAW 10(8) 2209–2496 (2023)



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See Antonia G. Denkova, Pablo Serra Crespo *et al.*, pp. 2239–2249.

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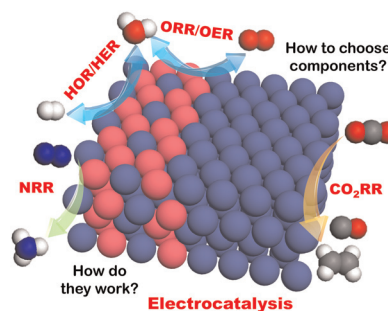
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Jiawei Zhu and Shichun Mu\*

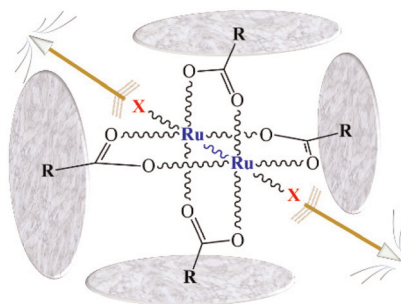


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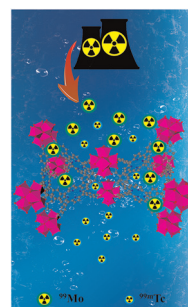


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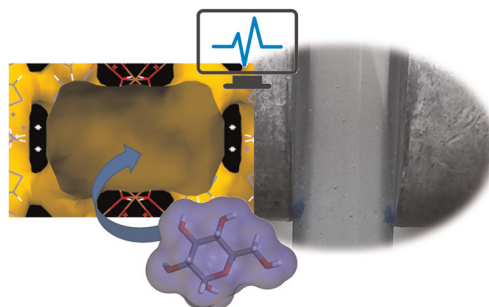
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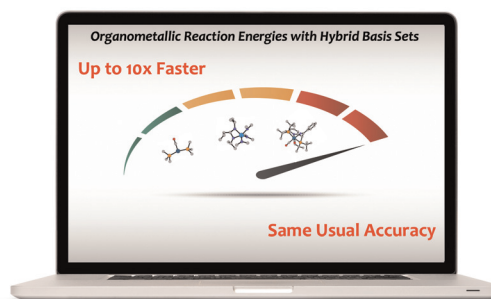
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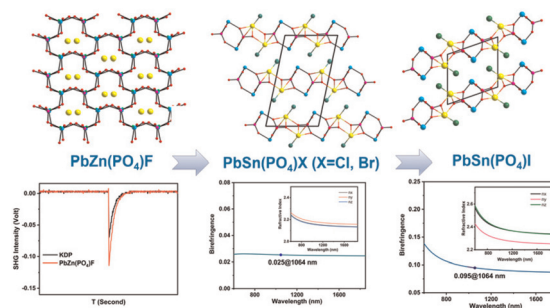
Júlia M. A. Alves, Ivanna G. R. Domingos and Marcelo T. de Oliveira\*



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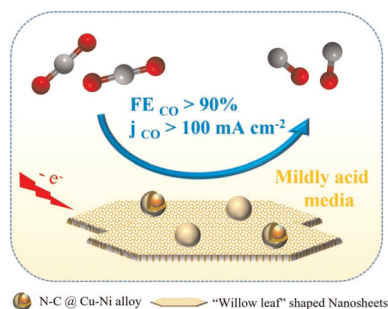
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Xiao-Bao Li, Chun-Li Hu, Fang Kong\* and Jiang-Gao Mao



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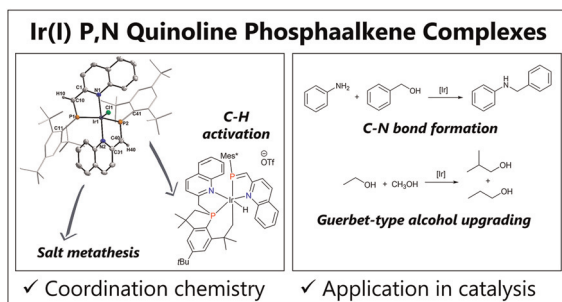
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Weifan Pan, Peng Wang, Linfeng Fan, Kai Chen, Luocai Yi, Junheng Huang, Pingwei Cai, Xi Liu, Qingsong Chen, Genxiang Wang\* and Zhenhai Wen\*

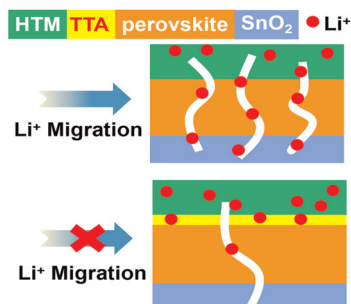
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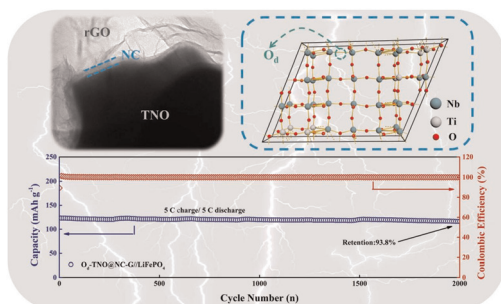
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Yuting Ma, Gaoyi Han,\* Meiling Yang, Mengna Guo, Yaoming Xiao,\* Yao Guo\* and Wenjing Hou\*

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Yangyang Sui, Jinpeng Guan, Kaiyang Li, Yubo Feng, Shengjie Peng, Maxim Yu. Maximov, Quan Liu,\* Jun Yang\* and Hongbo Geng\*

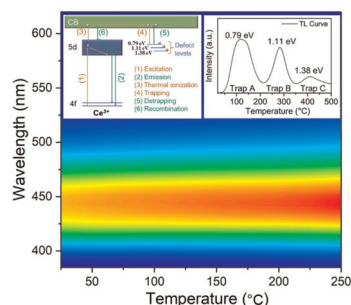


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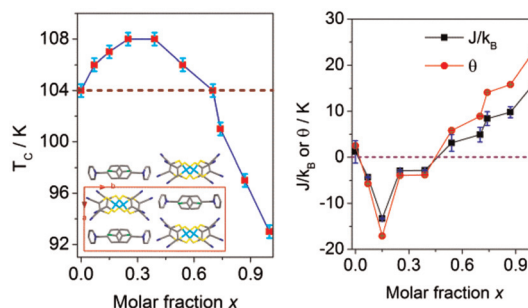
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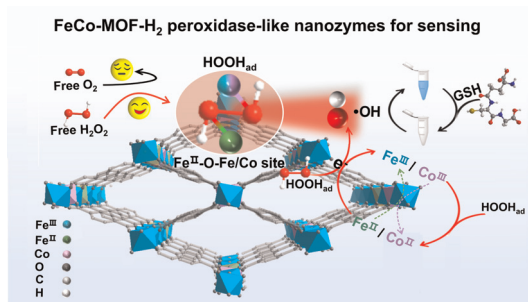
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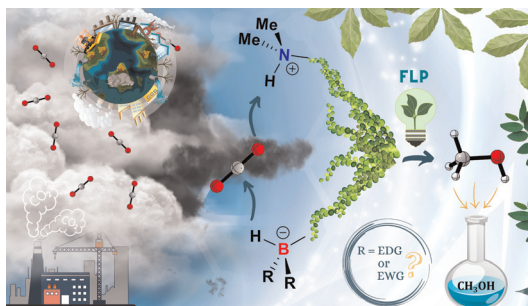
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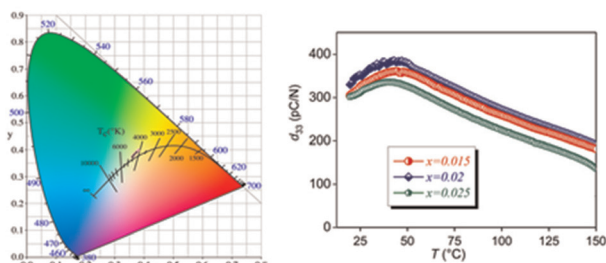
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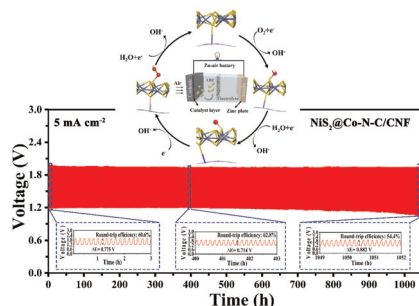
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**Dy<sup>3+</sup> doped (K,Na)NbO<sub>3</sub>-based multifunctional ceramics for achieving enhanced temperature-stable piezoelectricity and non-contact optical temperature sensing performance**

Qing Liu,\* Er Pan, Hao Deng, Fucai Liu\* and Jing-Feng Li

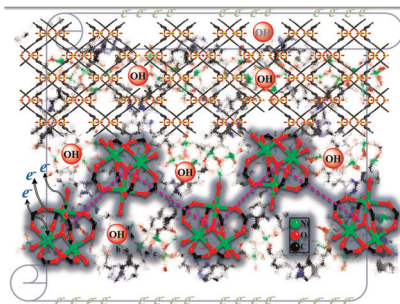
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**Dendritic NiS<sub>2</sub>@Co-N-C nanoarchitectures as bifunctional electrocatalysts for long-life Zn-air batteries**

Yanli Ruan,\* Hang Xu, Haikuo Lei, Wenjuan Xue, Tianyu Wang, Shidong Song, Yangyang Yu, Gui-Rong Zhang and Donghai Mei\*

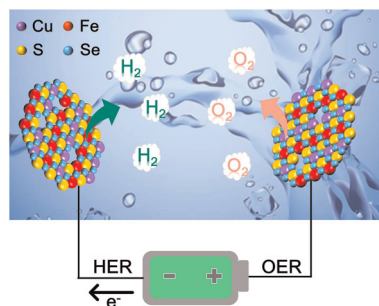
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**A hollow urchin-like metal-organic framework with Ni-O-cluster SBUs as a promising electrode for an alkaline battery-supercapacitor device**

Tianqi Chen, Sujuan Bian, Xutian Yang, Wenjie Lu, Kuaibing Wang,\* Yuxuan Guo, Cheng Zhang and Qichun Zhang\*

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Shoushuang Huang, Xiansheng Cong, Tong Ye, Libin Liu, Kaimei Peng,\* Lingchao Zhang, Jinmei Bao, Pengyan Gao, Qiaochuan Chen\* and Qingquan He\*

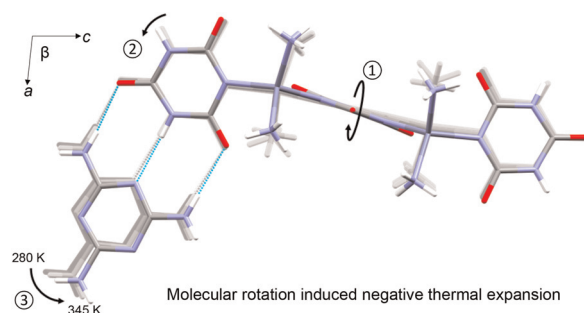


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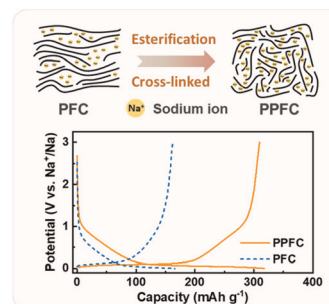
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### Microstructure regulation of resin-based hard carbons *via* esterification cross-linking for high-performance sodium-ion batteries

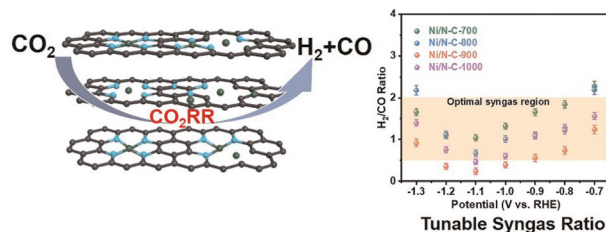
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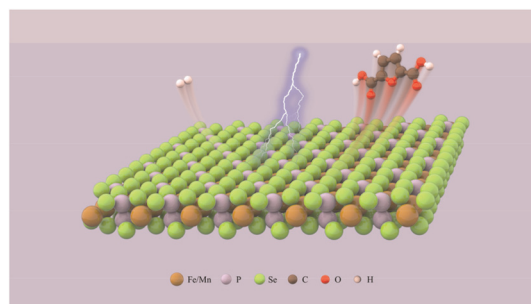
Kaining Gan, Hongqiang Li,\* Ran Li, Jiabao Niu, Jun He, Dedong Jia and Xiaojun He\*



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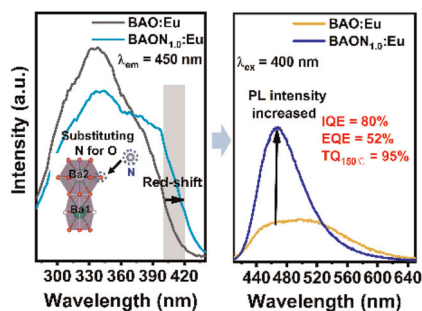
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Hao Zhang, Gaocan Qi,\* Wei Liu,\* Shusheng Zhang, Qian Liu, Jun Luo and Xijun Liu\*



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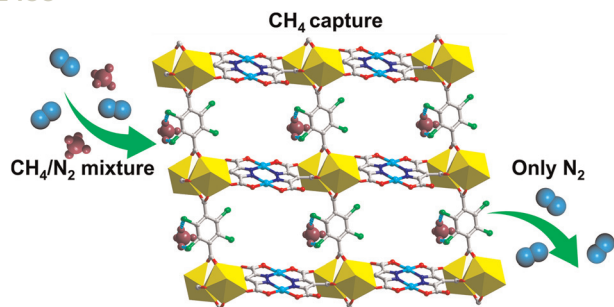
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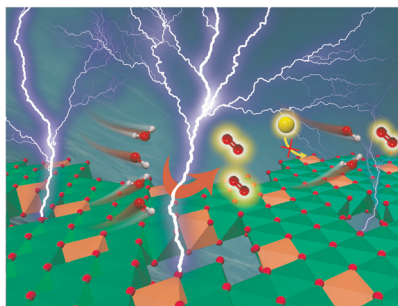
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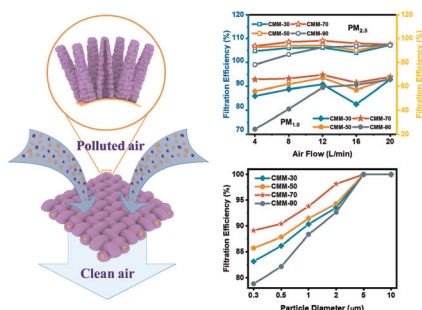
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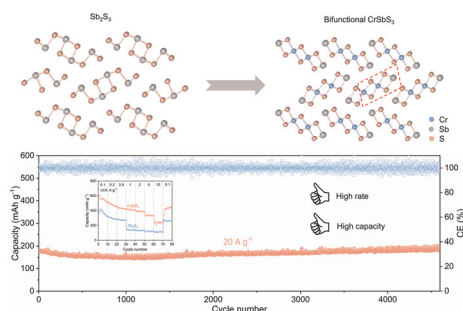


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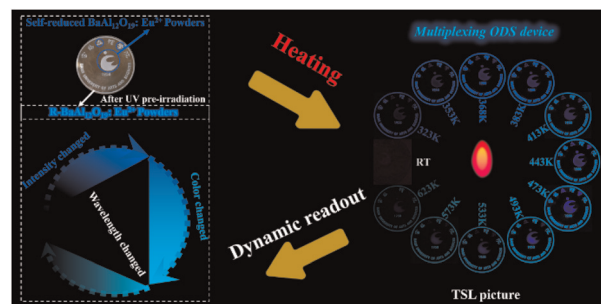
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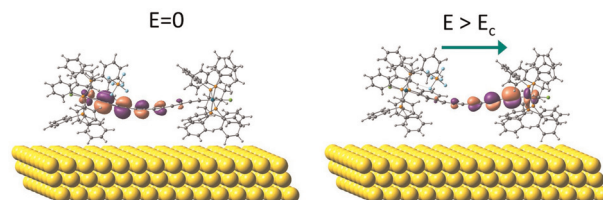
Junxiao Wu, Lei Zhao,\* Wenbo Chen, Youlin Yang,  
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### Exploring the potential as molecular quantum-dot cellular automata of a mixed-valence Ru2 complex deposited on a Au(111) surface

Nicolás Montenegro-Pohlhammer, Carlos M. Palomino  
and Carmen J. Calzado\*



## CORRECTION

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### Correction: Mechanisms of Mg carbonates precipitation and implications for CO<sub>2</sub> capture and utilization/storage

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

