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IN THIS ISSUE

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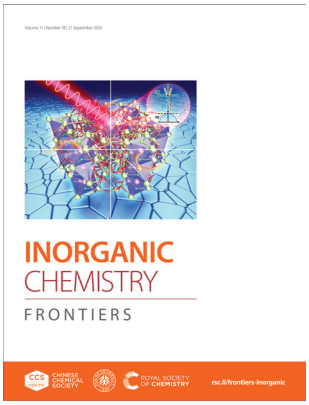

Cover
See Zhi Ren *et al.*, pp. 5858–5865.

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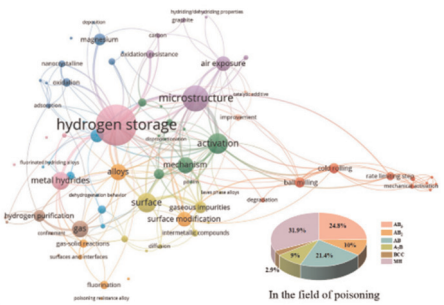
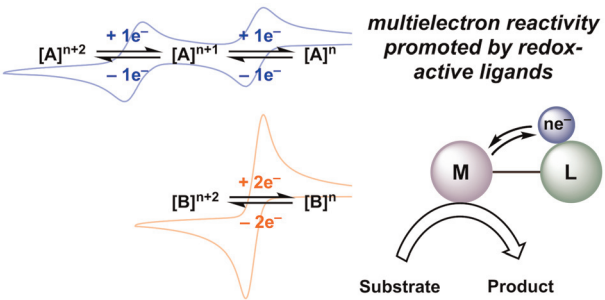
REVIEWS





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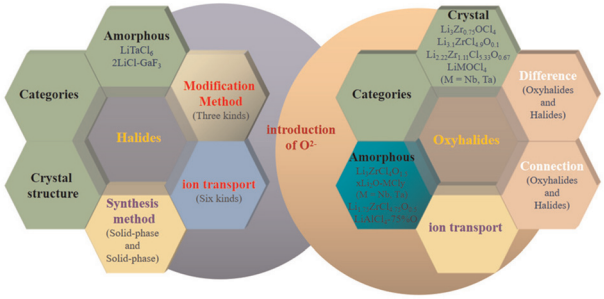

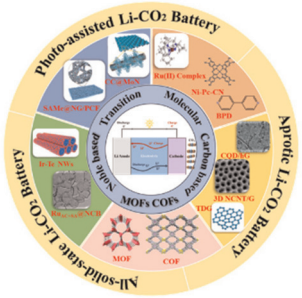

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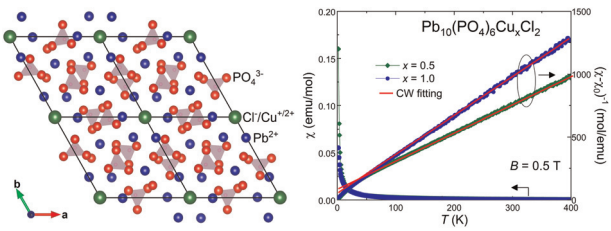

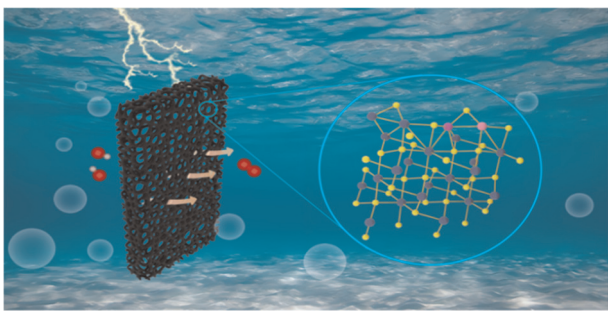

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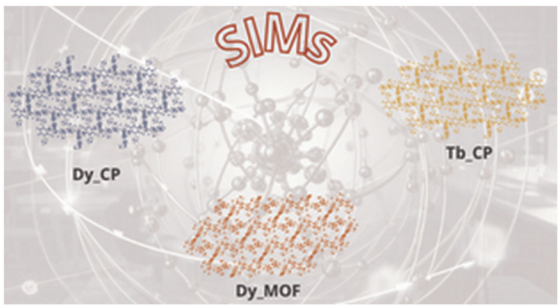

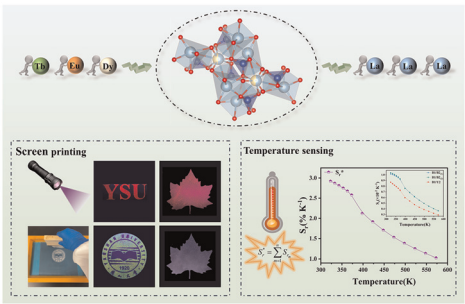

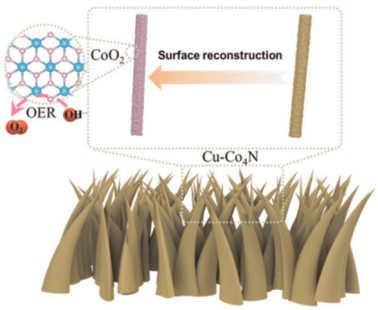

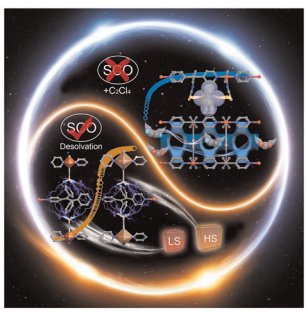

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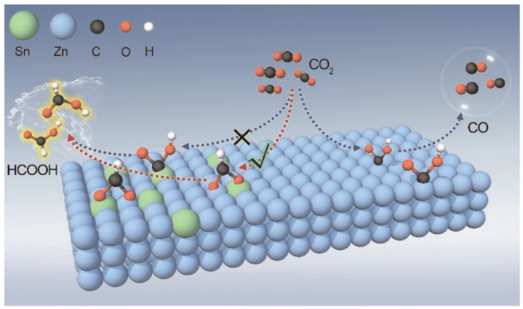

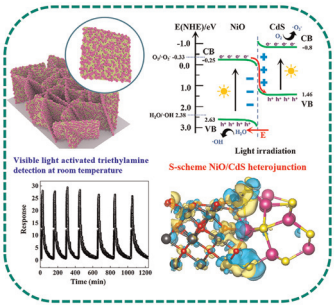

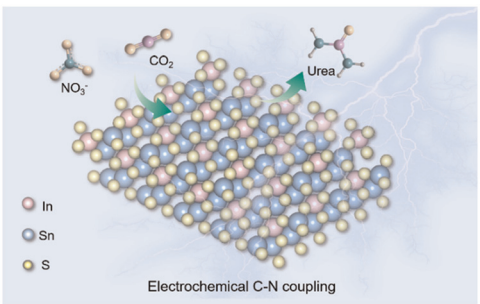

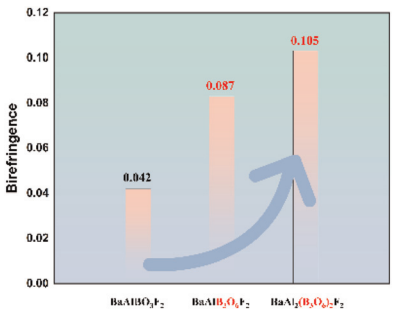

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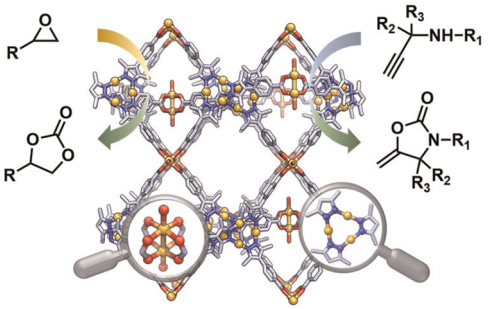

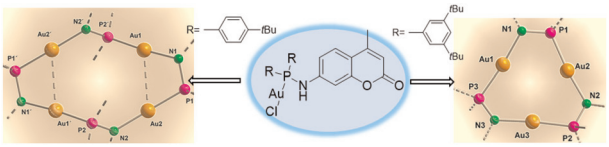

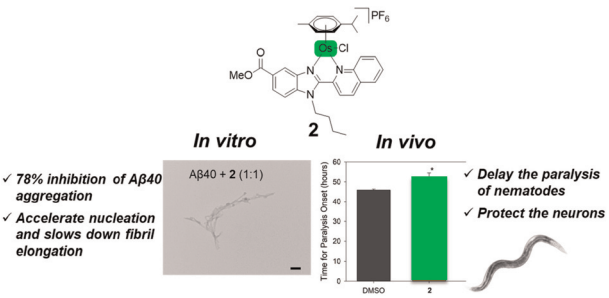

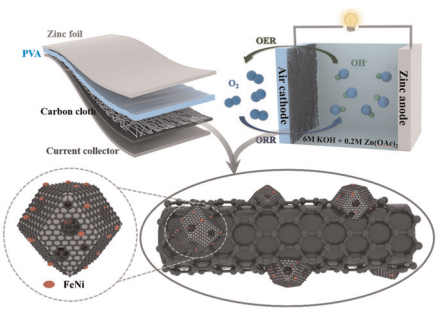

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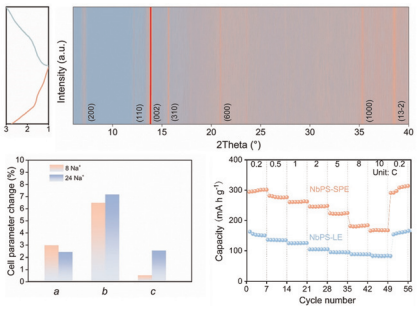

A quasi-zero-strain layered $Nb_4P_2S_{21}$ cathode for high-energy solid-state polymer Na–metal batteries

Xueyang Tu, Baixin Peng, Xue Wang, Xue Wang, Shaoning Zhang, Yuqiang Fang, Wujie Dong, Jiabo Le,* Keyan Hu* and Fuqiang Huang*

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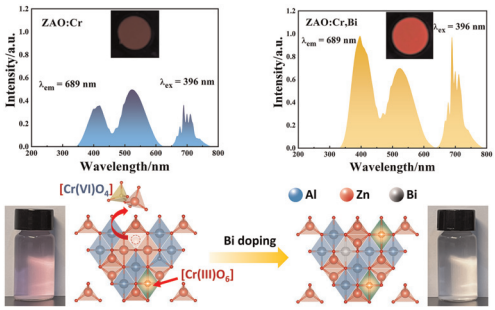

Achieving a Cr^{6+}-free Cr^{3+}-activated spinel phosphor by a one-step solid-state reaction

Yiqing Zhou, Quantian Cao, Yue Han, Zhongxian Qiu,* Jilin Zhang, Wenli Zhou and Shixun Lian*

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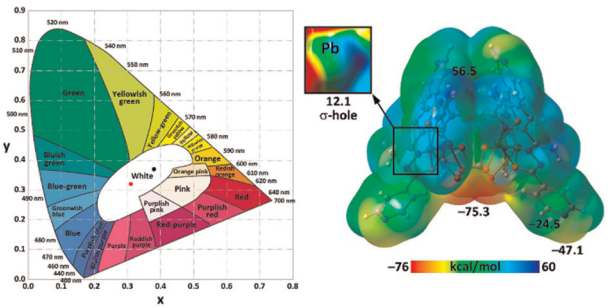

Aerial carbon dioxide conversion to carbonate mediated by a lead(II) complex with tridentate bipyridine containing a hydrazide ligand under electrochemical conditions yielding single-component white-light-emitting phosphors

Ghodrat Mahmoudi, Isabel Garcia-Santos,* Elena Labisbal, Alfonso Castiñeiras, Vali Alizadeh,* Rosa M. Gomila, Antonio Frontera* and Damir A. Safin*

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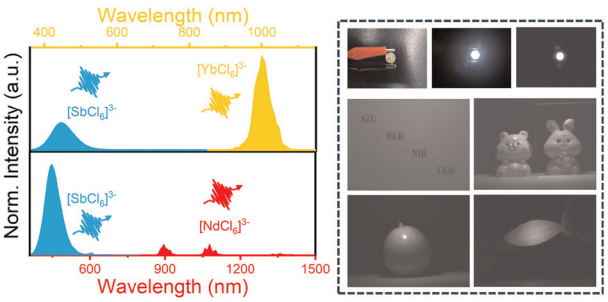

Enabling efficient near-infrared emission in lead-free double perovskite *via* a codoping strategy

Xiangyan Yun, Hanlin Hu, Haizhe Zhong, Jingheng Nie,* Henan Li and Yumeng Shi*

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