Journal of Materials Chemistry A

Materials for energy and sustainability

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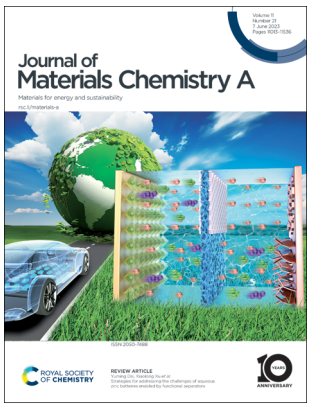

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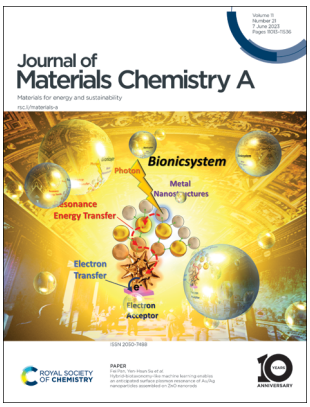
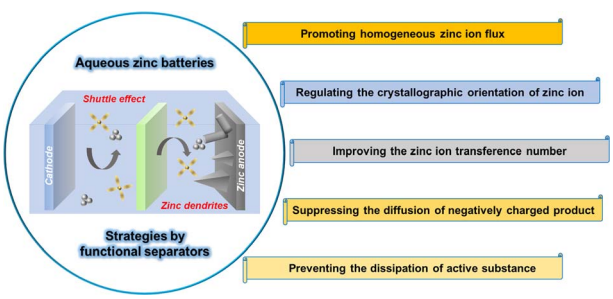


Inside cover
See Fei Pan, Yen-Hsun Su *et al.*, pp. 11187–11201. Image reproduced by permission of Fei Pan from *J. Mater. Chem. A*, 2023, **11**, 11187.

EDITORIAL

REVIEWS



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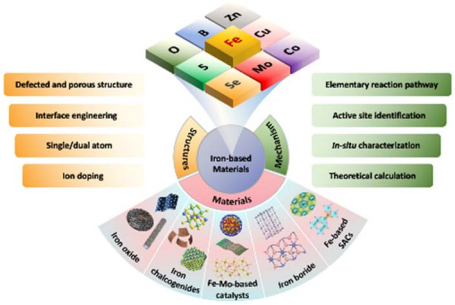

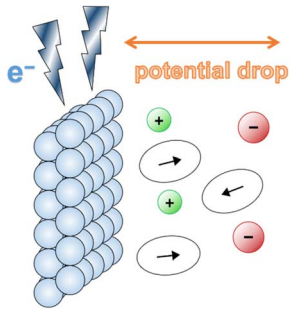

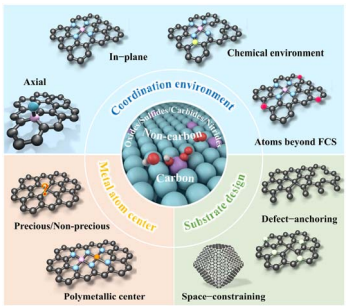

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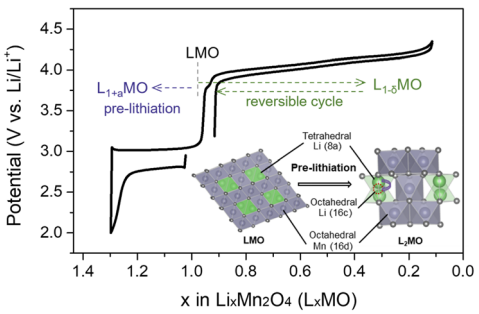

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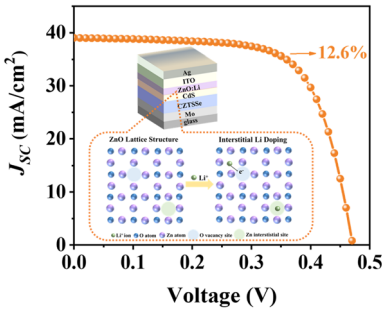

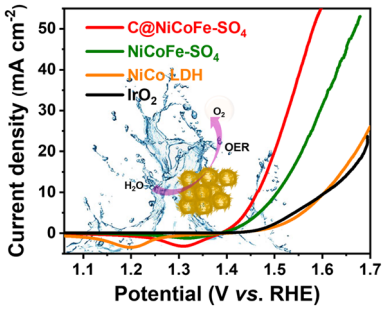

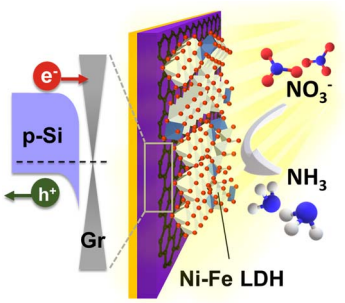

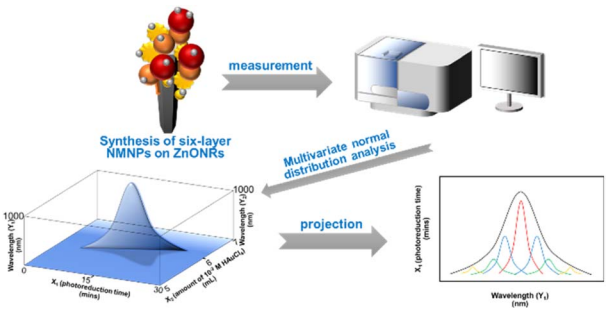

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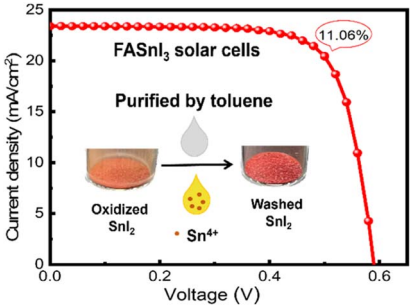

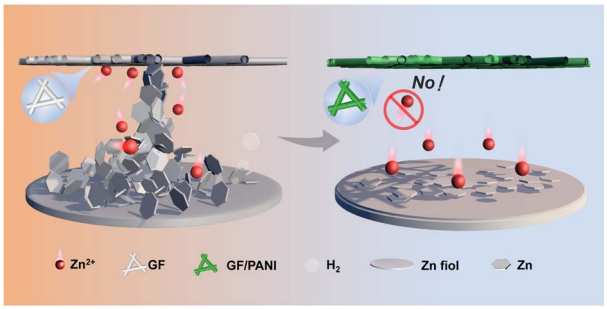

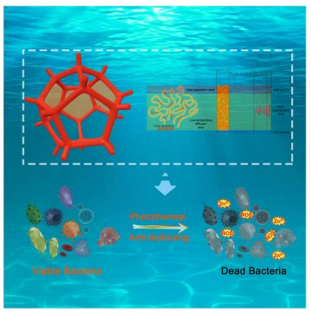

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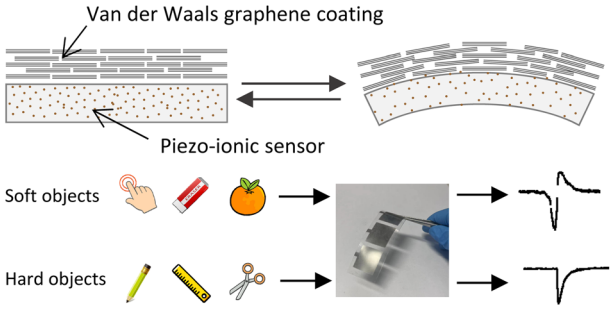

A conformal van der Waals graphene coating enabled high-performance piezo-ionic sensor for spatial, gesture, and object recognition

Ziqi Li, Andrew Balilonda, Wen Mei, Wenbo Li and Wei Chen*

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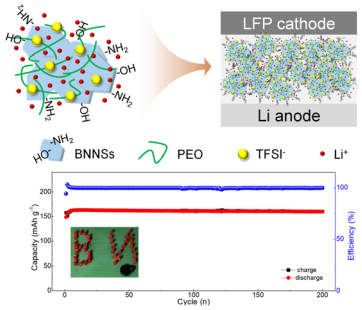

Highly dispersed and functionalized boron nitride nanosheets contribute to ultra-stable long-life all-solid-state batteries

Jiawei Ji, Hongliang Duan, Zheng Zhou, Chaoze Liu, Dong Wang, Song Yan, Shaobo Yang, Wenjuan Bai, Yanming Xue* and Chengchun Tang*

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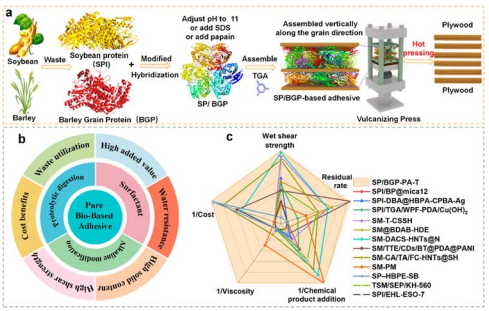

Barley – a yet un-tapped feedstock for improved vegetable protein-based wood adhesives

Guodong Zeng, Feng Zhu, John Tosin Aladejana, Ying Zhou, Kuang Li, Jing Luo, Xiaona Li, Youming Dong, Kaili Wang and Jianzhang Li*

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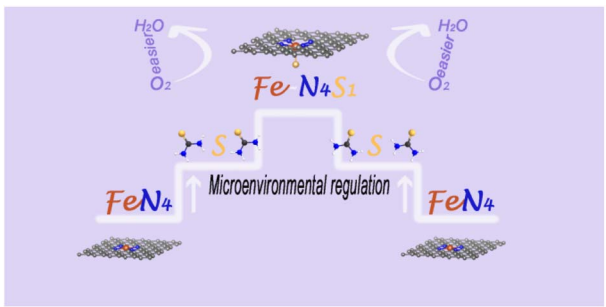

Axial modulation of Fe sites realizing high-performance oxygen reduction reaction of FeN_4 catalysts

Yu Zhang, Caixia Li,* Jin Li, Xiaoni Liu, Guangjiu Li, Bin Li and Lei Wang*

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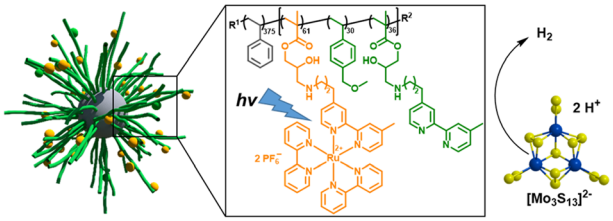

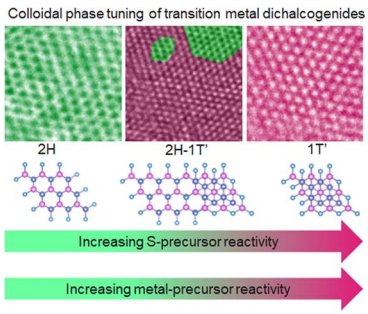

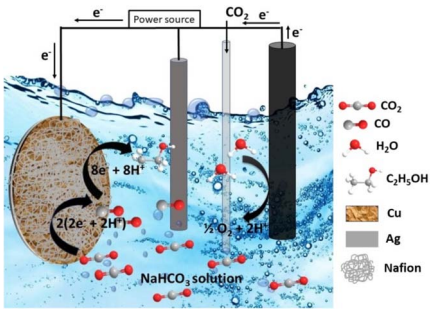

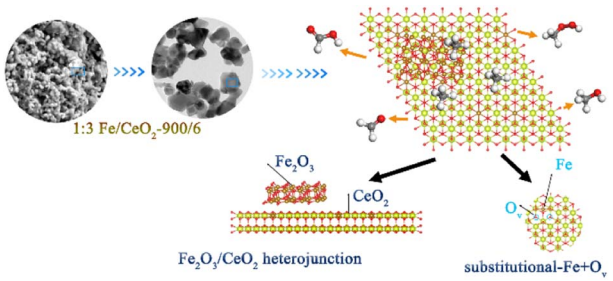

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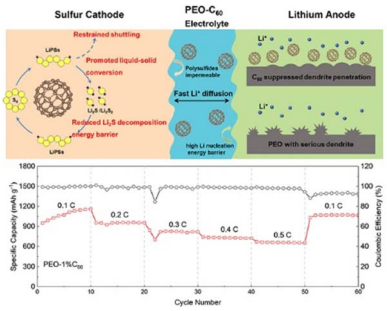
A three-in-one C_{60}-integrated PEO-based solid polymer electrolyte enables superior all-solid-state lithium–sulfur batteries

Benben Wei, Shuo Huang, Yuhang Song, Xuan Wang, Min Liu, Hongyun Jin* and Guozhong Cao



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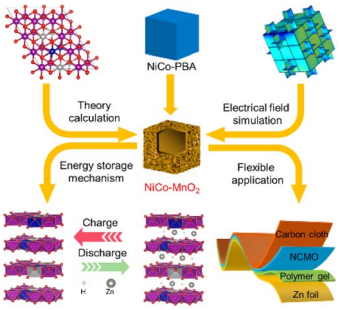
From atomic modification to structure engineering: layered NiCo–MnO_2 with ultrafast kinetics and optimized stress distribution for aqueous zinc ion storage

Junyi Yin, Runxi Zhu, Linghan Xia, Haoliang Liu, Yuan Gao, Zihan Gan, Xiang Feng, Minghui Wang, Guodong Meng, Yaqiong Su,* Yonghong Cheng* and Xin Xu*



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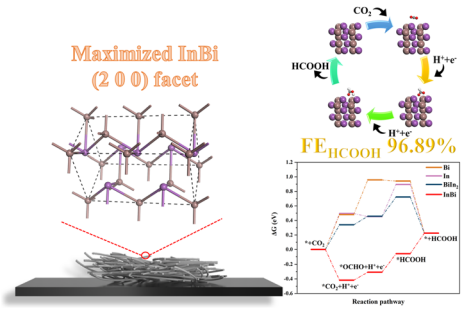
In–Bi bimetallic nanofibers with controllable crystal facets for high-rate electrochemical reduction of CO_2 to formate

Yumeng Li, Yingmin Jin,* Xin Zong, Xuebai Zhang, Guanshu Li and Yueping Xiong*



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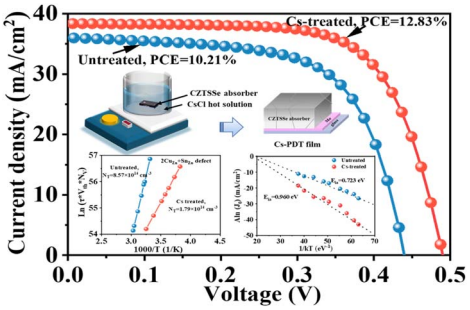
Regulating charge carrier recombination in $Cu_2ZnSn(S,Se)_4$ solar cells *via* cesium treatment: bulk and interface effects

Xiaoyue Zhao, Yafang Qi,* Zhengji Zhou, Dongxing Kou, Wenhui Zhou, Yuena Meng, Shengjie Yuan, Litao Han and Sixin Wu*



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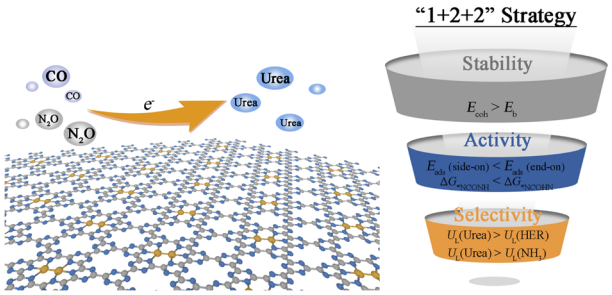

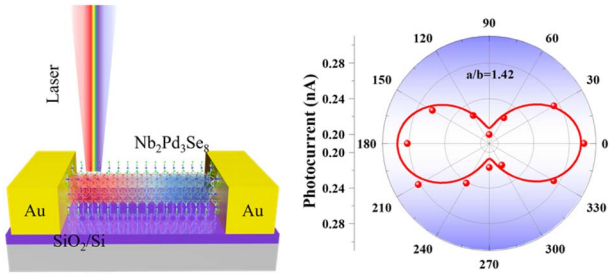

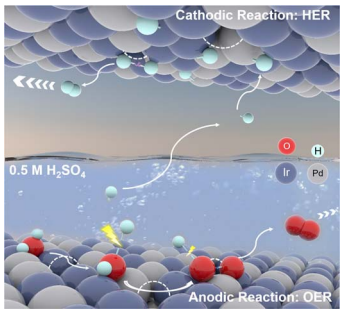

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