Materials Horizons

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IN THIS ISSUE

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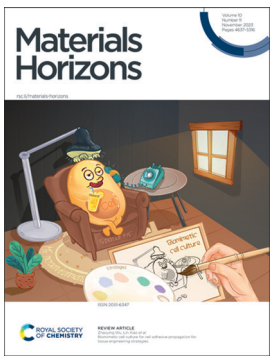
Cover
Cover image celebrates the 10th Anniversary of *Materials Horizons*



Inside cover
See Zhaoying Wu, Lin Xiao *et al.*, pp. 4662–4685. Image reproduced by permission of Lin Xiao from *Mater. Horiz.*, 2023, **10**, 4662.

EDITORIALS

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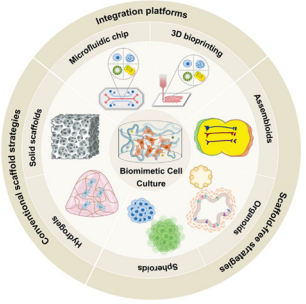
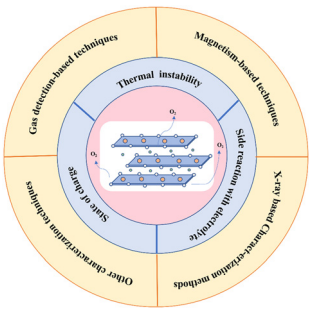
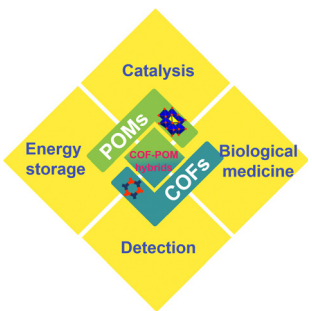
EDITORIALS

REVIEWS







REVIEWS

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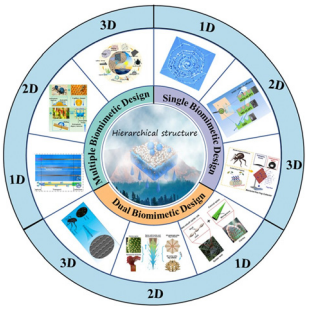

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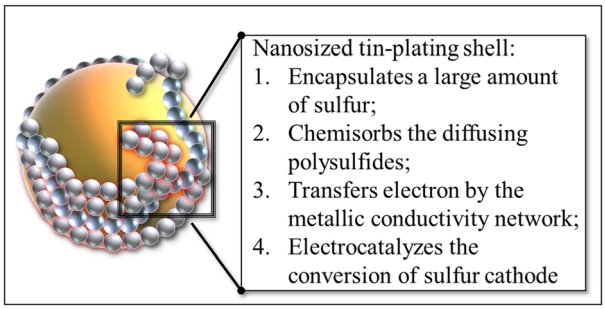

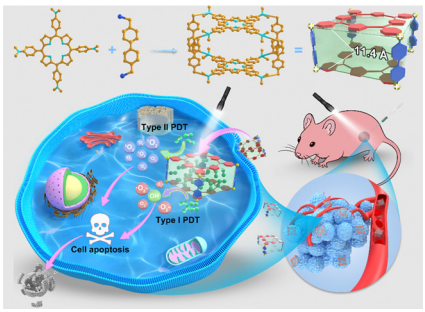

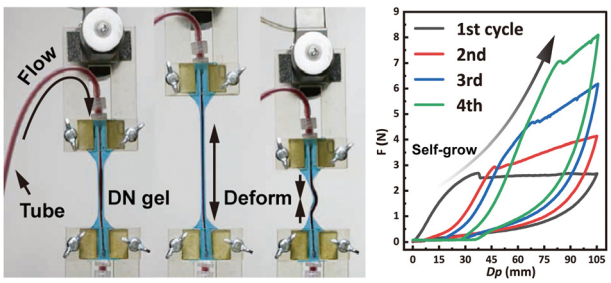

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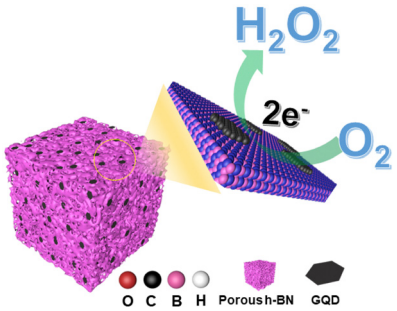

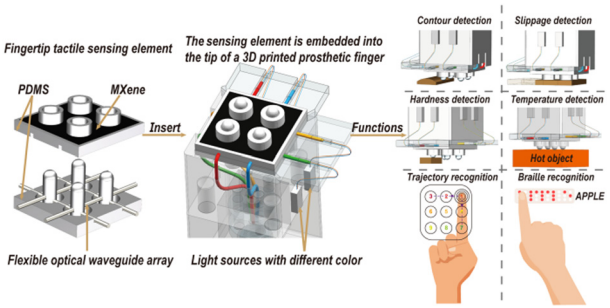

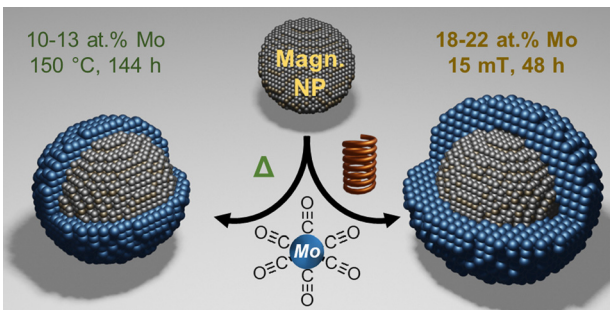

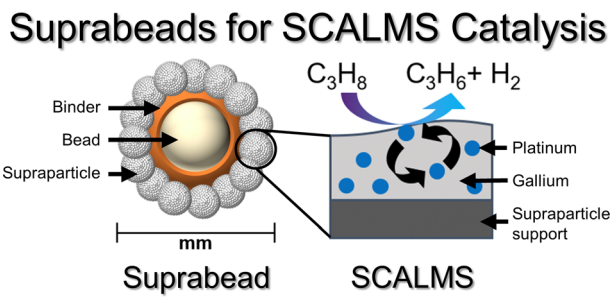

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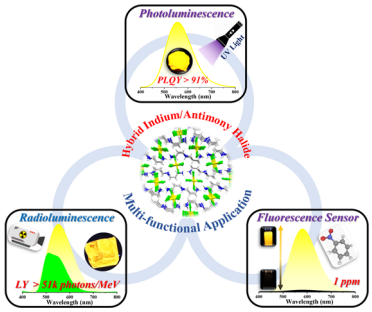

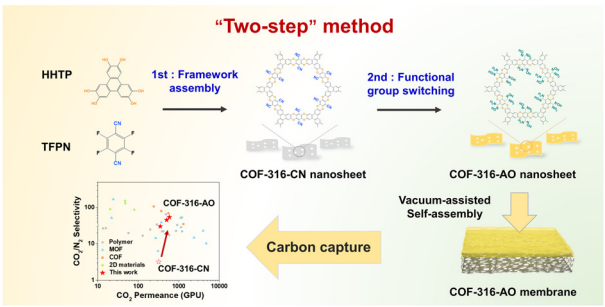

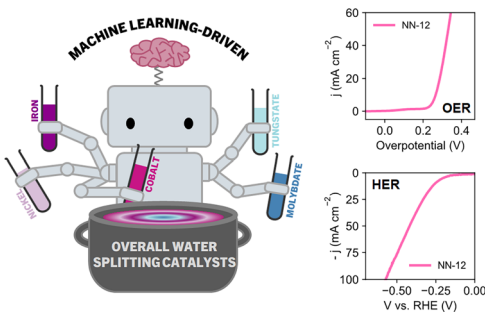

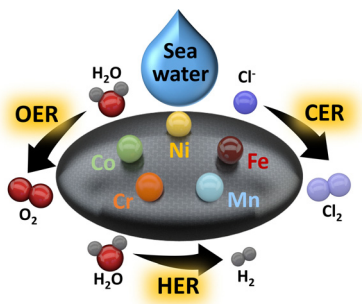

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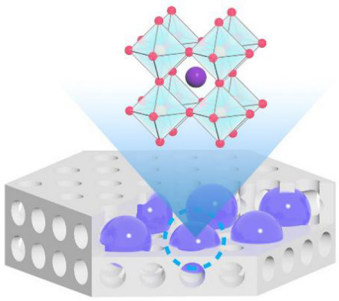

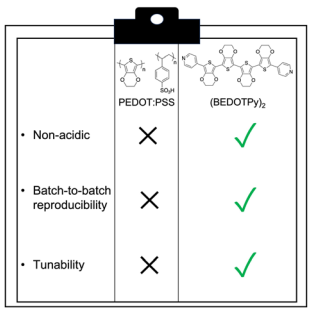

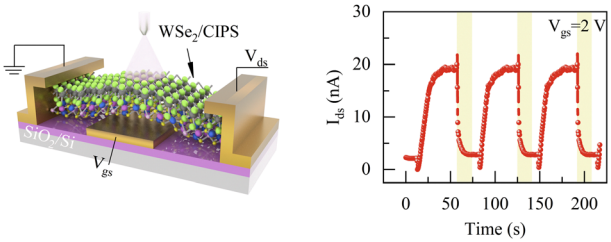

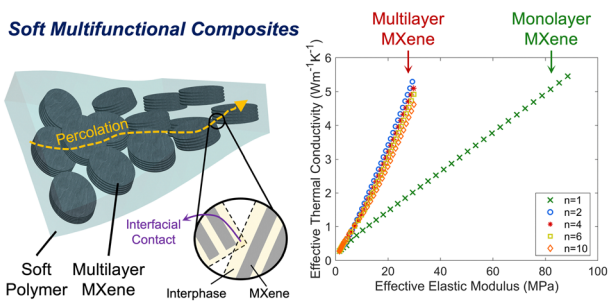

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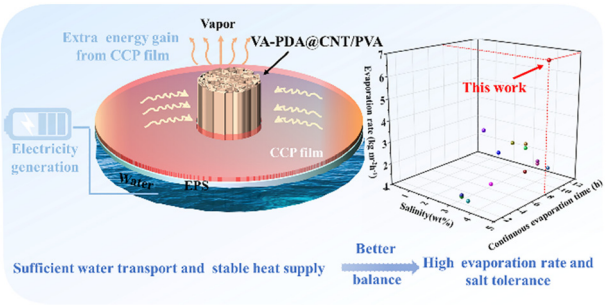

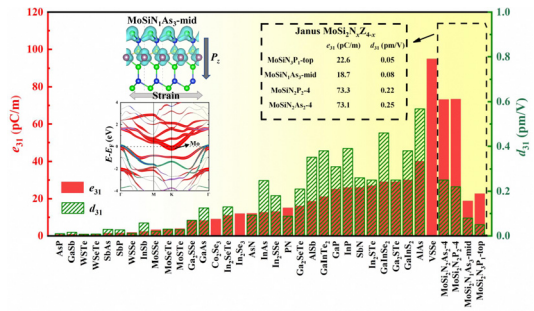

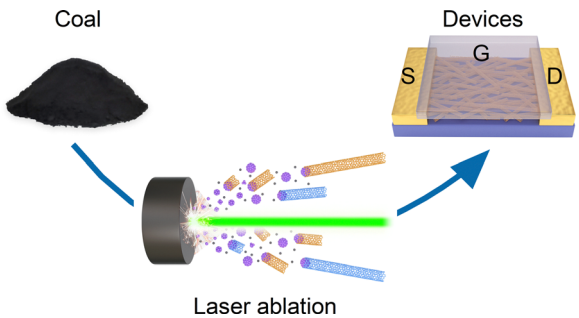

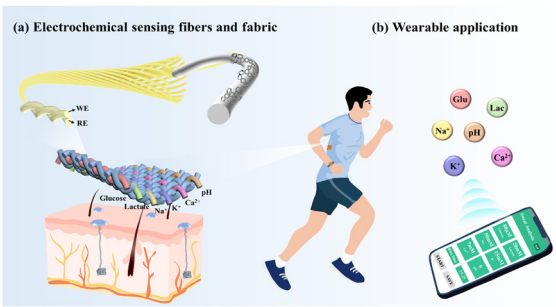

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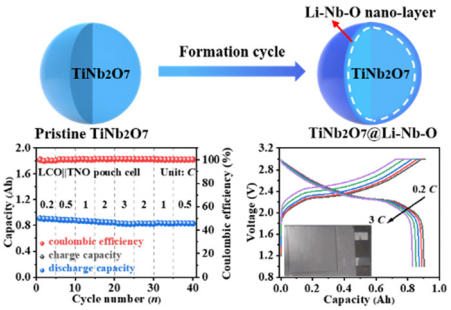

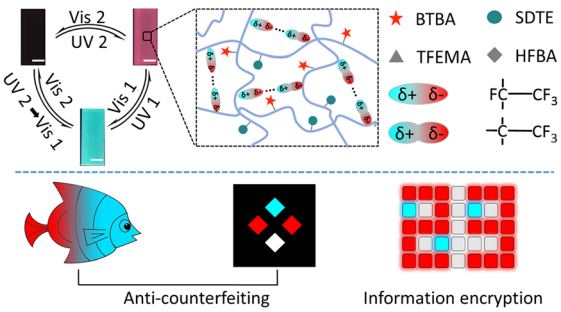

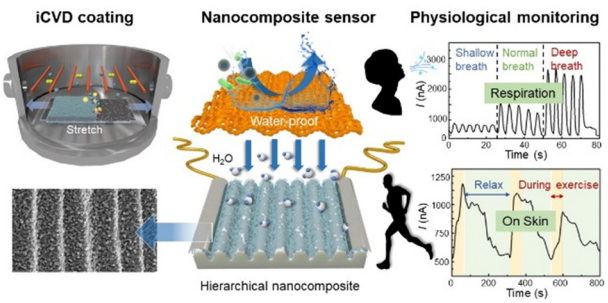

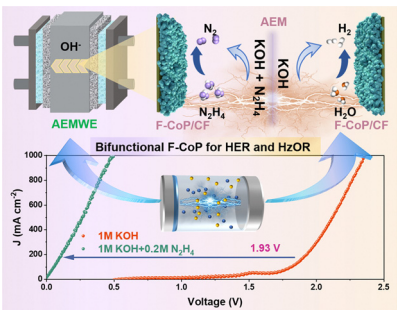

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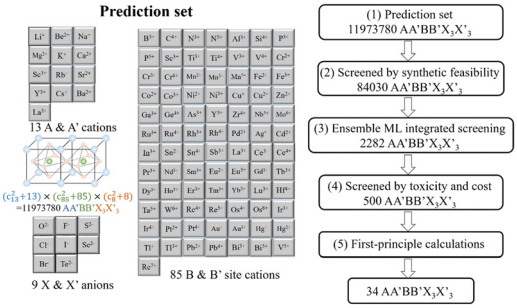

Discovery of all-inorganic lead-free perovskites with high photovoltaic performance *via* ensemble machine learning

Xia Cai,* Yan Li, Jianfei Liu, Hao Zhang,* Jianguo Pan* and Yiqiang Zhan

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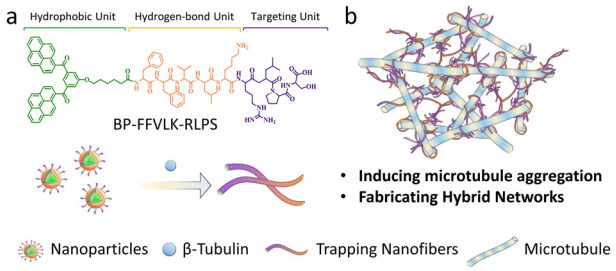

An adhesive peptide specifically induces microtubule condensation

Yi-Jing Li, Jia-Qi Wang, Wen Tian, Lu Han, Ting Xiao, Xiu-Hai Wu, Lei Wang, Pei-Pei Yang,* Hui Cao,* Wan-Hai Xu* and Hao Wang*

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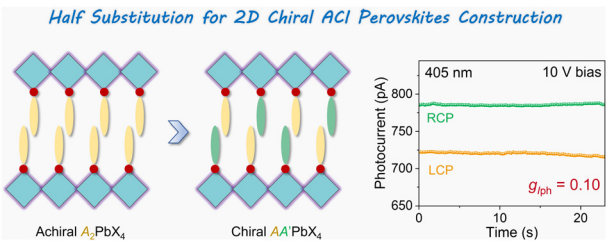

Alternating chiral and achiral spacers for constructing two-dimensional chiral hybrid perovskites toward circular-polarization-sensitive photodetection

Shihai You, Panpan Yu, Tingting Zhu, Qianwen Guan, Jianbo Wu, Hongliang Dai, Haiqing Zhong, Zeng-Kui Zhu and Junhua Luo*

RETRACTIONS

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Retraction: Progressive p-channel vertical transistors fabricated using electrodeposited copper oxide designed with grain boundary tunability

Sung Hyeon Jung, Ji Sook Yang, Young Been Kim, Nishad G. Deshpande, Dong Su Kim, Ji Hoon Choi, Hee Won Suh, Hak Hyeon Lee and Hyung Koun Cho*

RETRACTIONS

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Retraction: Ambipolar operation of progressively designed symmetric bidirectional transistors fabricated using single-channel vertical transistor and electrochemically prepared copper oxide

Sung Hyeon Jung, Ji Sook Yang and Hyung Koun Cho*