Materials Horizons

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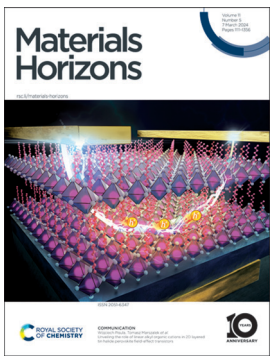

Cover
See Wojciech Pisula, Tomasz Marszalek *et al.*, pp. 1177–1187.
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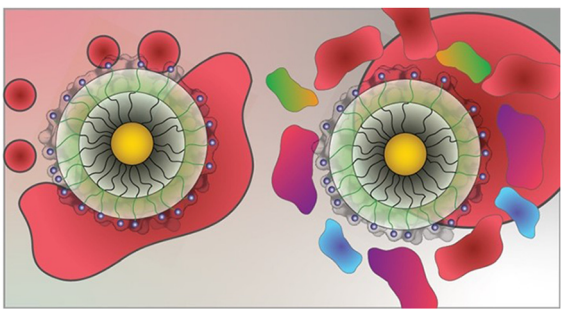
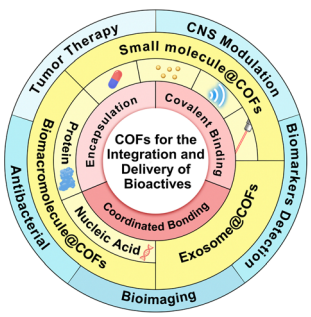
COMMENTARY



REVIEWS



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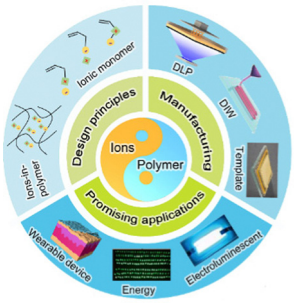

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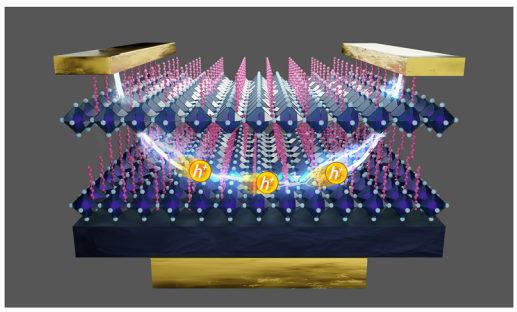

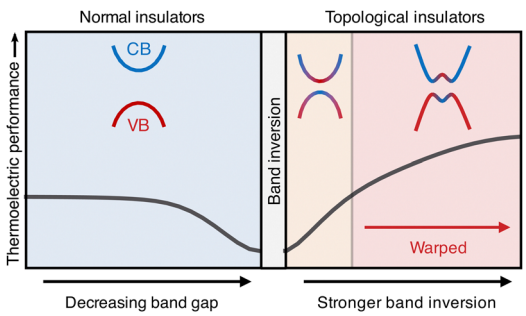

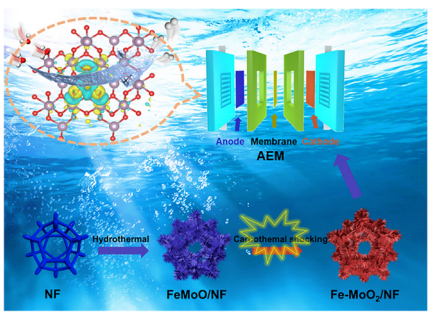

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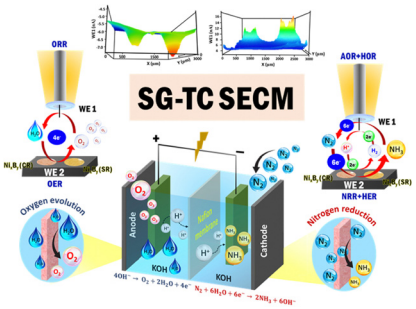

Real-time screening of Ni_xB_y bifunctional electrocatalysts for overall NH_3 synthesis *via* SG-TC SECM

Divyani Gupta, Alankar Kafle, Man Singh, Sameer Kumar and Tharamani C. Nagaiah*

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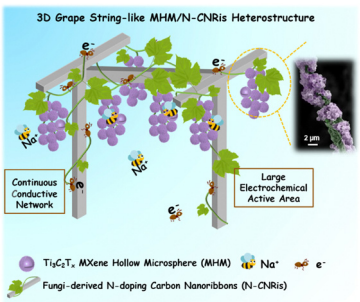

3D grape string-like heterostructures enable high-efficiency sodium ion capture in $Ti_3C_2T_x$ MXene/fungi-derived carbon nanoribbon hybrids

Ningning Liu, Jianhua Yuan, Xiaochen Zhang, Yifan Ren, Fei Yu and Jie Ma*

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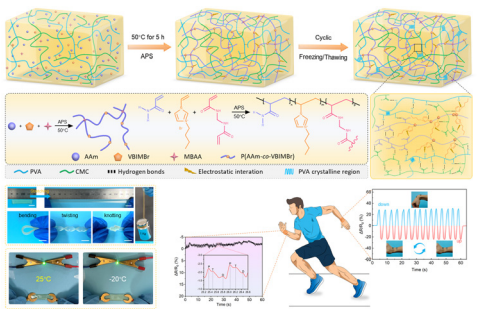

Cold-resistant, highly stretchable ionic conductive hydrogels for intelligent motion recognition in winter sports

Tongda Lei, Jiajun Pan, Ning Wang, Zhaopeng Xia,* Qingsong Zhang,* Jie Fan,* Lei Tao, Wan Shou and Yu Gao

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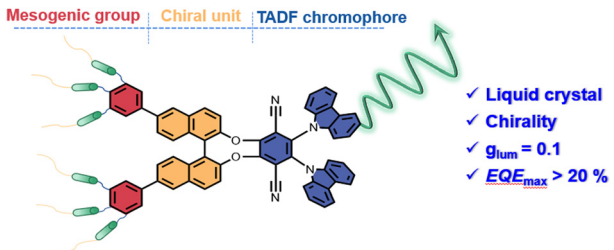

Liquid-crystalline circularly polarised TADF emitters for high-efficiency, solution-processable organic light-emitting diodes

Binghong He, Qihang Zhong, Qiwei Dong, Xuefeng Yang, Stephen J. Cowling, Wenjian Qiao, Duncan W. Bruce,* Weiguo Zhu, Pengfei Duan* and Yafei Wang*

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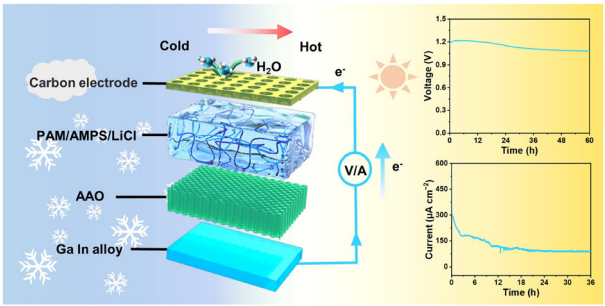

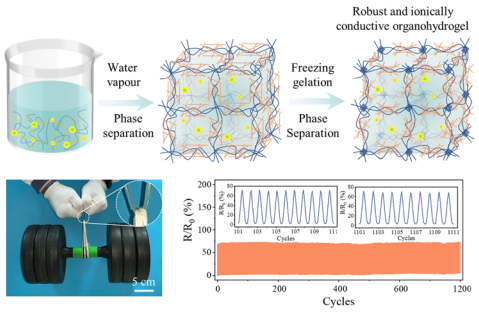

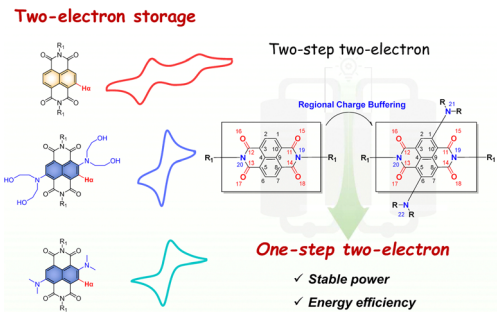

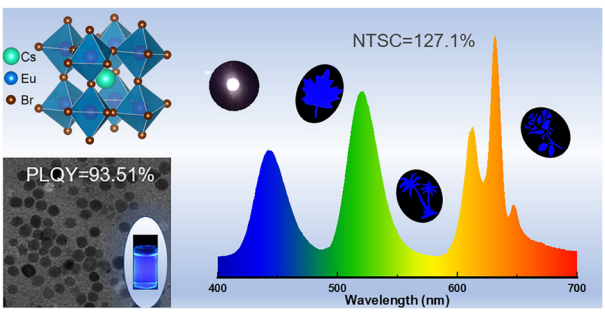

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Fully printed memristors made with MoS_2 and graphene water-based inks

Zixing Peng, Alessandro Grillo, Aniello Pelella, Xuzhao Liu, Matthew Boyes, Xiaoyu Xiao, Minghao Zhao, Jingjing Wang, Zhirun Hu, Antonio Di Bartolomeo and Cinzia Casiraghi*