

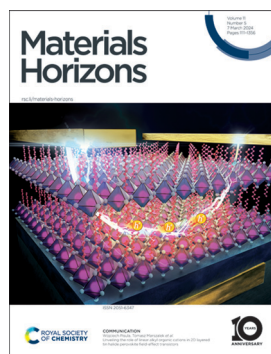
Materials Horizons

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IN THIS ISSUE

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Cover

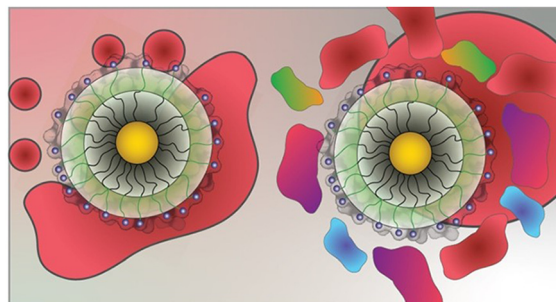
See Wojciech Pisula, Tomasz Marszalek *et al.*, pp. 1177–1187. Image reproduced by permission of Max Planck Institute for Polymer Research from *Mater. Horiz.*, 2024, 11, 1177.

COMMENTARY

1120

A reflection on 'Protein coronas suppress the hemolytic activity of hydrophilic and hydrophobic nanoparticles'

Cristina-Maria Hirschbiegel, Mingdi Jiang, Jungmi Park and Vincent M. Rotello*

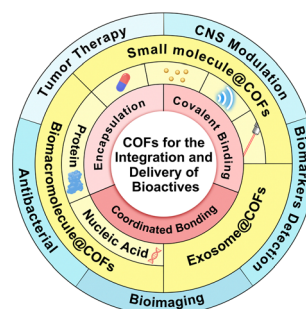


REVIEWS

1126

Strategies for utilizing covalent organic frameworks as host materials for the integration and delivery of bioactives

Lulu He, Le Wang, Zhen He, Cheng Heng Pang,* Bencan Tang,* Aiguo Wu* and Juan Li*



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REVIEWS

1152

Solid-state, liquid-free ion-conducting elastomers: rising-star platforms for flexible intelligent devices

Hao-Nan Li, Chao Zhang,* Hao-Cheng Yang, Hong-Qing Liang, Zuankai Wang* and Zhi-Kang Xu*

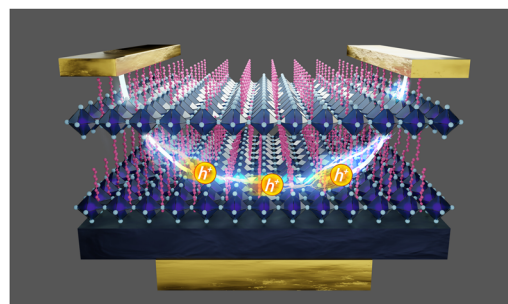


COMMUNICATIONS

1177

Unveiling the role of linear alkyl organic cations in 2D layered tin halide perovskite field-effect transistors

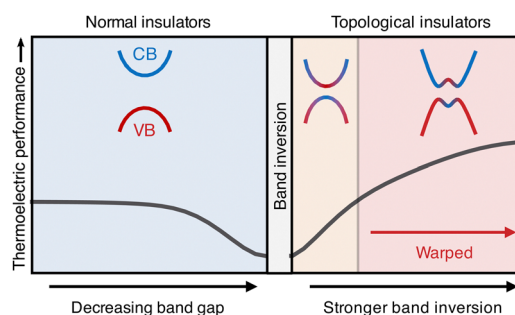
Shuanglong Wang, Shankeerthan Kalyanasundaram, Lei Gao, Zhitian Ling, Zhiwen Zhou, Mischa Bonn, Paul W. M. Blom, Hai I. Wang, Wojciech Pisula* and Tomasz Marszalek*



1188

Are topological insulators promising thermoelectrics?

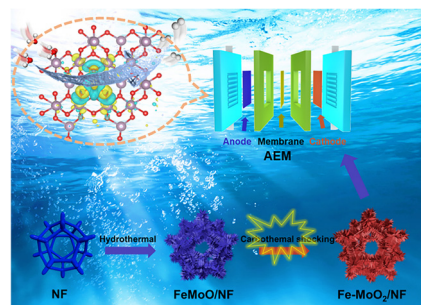
Michael Y. Toriyama* and G. Jeffrey Snyder*



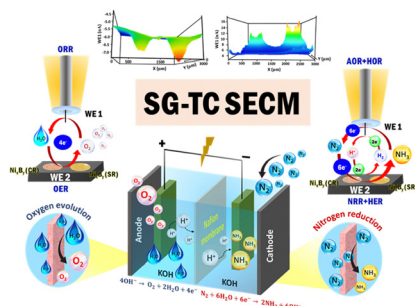
1199

Rapid carbothermal shocking fabrication of iron-incorporated molybdenum oxide with heterogeneous spin states for enhanced overall water/seawater splitting

Jianpeng Sun, Shiyu Qin, Zhan Zhao, Zisheng Zhang and Xiangchao Meng*



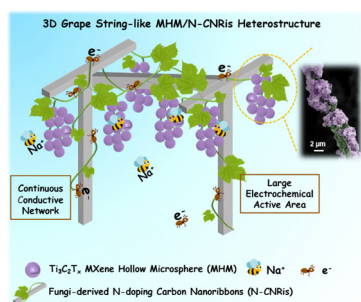
1212



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*

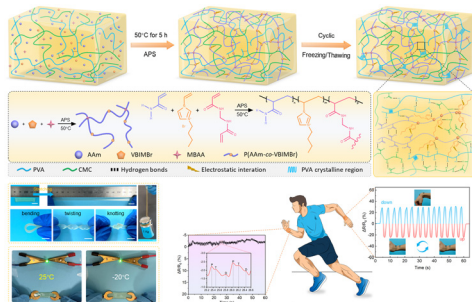
1223



3D grape string-like heterostructures enable high-efficiency sodium ion capture in Ti_3C_2Tx MXene/fungi-derived carbon nanoribbon hybrids

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

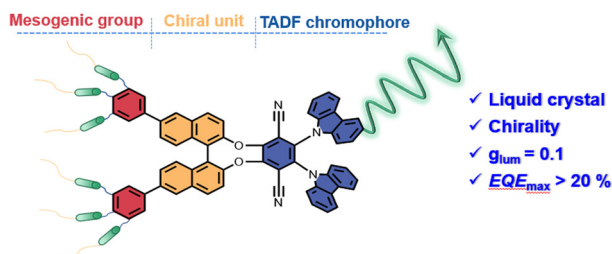
1234



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

1251



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

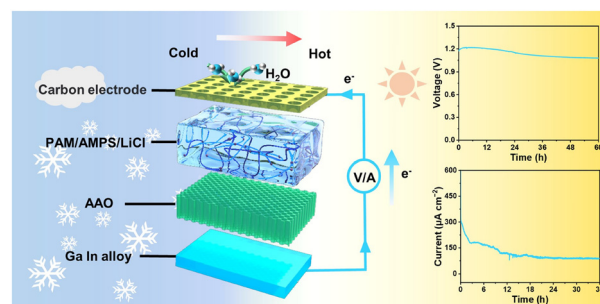
Binghong He, Qihang Zhong, Qiwei Dong, Xuefeng Yang, Stephen J. Cowling, Wenjian Qiao, Duncan W. Bruce,* Weiguo Zhu, Pengfei Duan* and Yafei Wang*



1261

Efficient and cold-tolerant moisture-enabled power generator combining ionic diode and ionic hydrogel

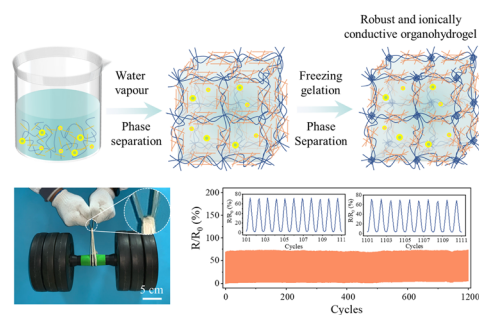
Jiahao Fang, Xiang Zhang, Peng Duan, Zhongbao Jiang, Xulei Lu, Chungjiao Fu, Yong Zhang, Yuming Yao, Kedong Shang, Jieyang Qin, Yangfan Liu and Tingting Yang*



1272

Water vapor assisted aramid nanofiber reinforcement for strong, tough and ionically conductive organohydrogels as high-performance strain sensors

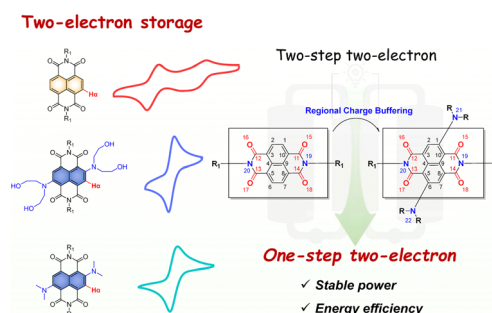
Yongchuan Wu, Ya Zhang, Zimin Liao, Jing Wen, Hechuan Zhang, Haidi Wu, Zhanqi Liu, Yongqian Shi, Pingan Song, Longcheng Tang, Huaiguo Xue and Jiefeng Gao*



1283

Realizing one-step two-electron transfer of naphthalene diimides via a regional charge buffering strategy for aqueous organic redox flow batteries

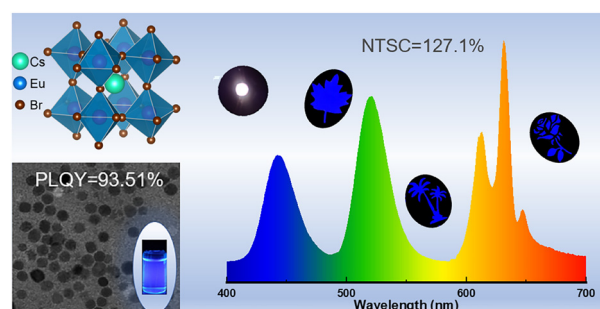
Zengrong Wang, Xu Liu, Xuri Zhang, Heng Zhang, Yujie Zhao, Yawen Li, Haiyan Yu and Gang He*



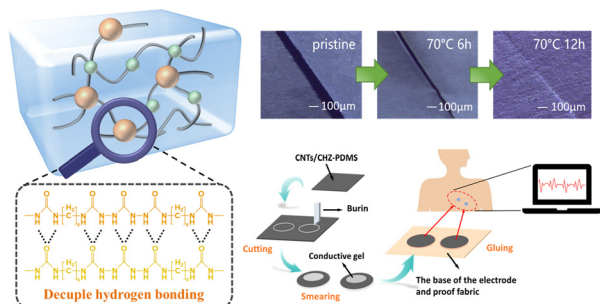
1294

Deep-blue narrow-band emissive cesium europium bromide perovskite nanocrystals with record high emission efficiency for wide-color-gamut backlight displays

Xu Li, Bibo Lou, Xu Chen,* Meng Wang, Huifang Jiang, Shuailing Lin, Zhuangzhuang Ma, Mochen Jia, Yanbing Han, Yongtao Tian, Di Wu, Wen Xu, Xinjian Li, Chonggeng Ma and Zhifeng Shi*



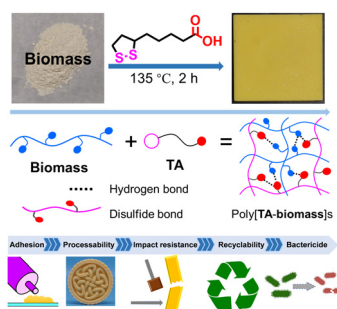
1305



High-toughness, extensile and self-healing PDMS elastomers constructed by decouple hydrogen bonding

Jing-Han Gao, Baoquan Wan, Ming-Sheng Zheng, Longbo Luo,* Hongkuan Zhang, Quan-Liang Zhao,* George Chen and Jun-Wei Zha*

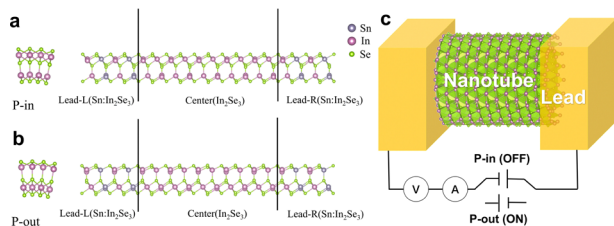
1315



A supramolecular approach for converting renewable biomass into functional materials

Yunfei Zhang, Changyong Cai, Ke Xu, Xiao Yang, Leixiao Yu,* Lingyan Gao* and Shengyi Dong*

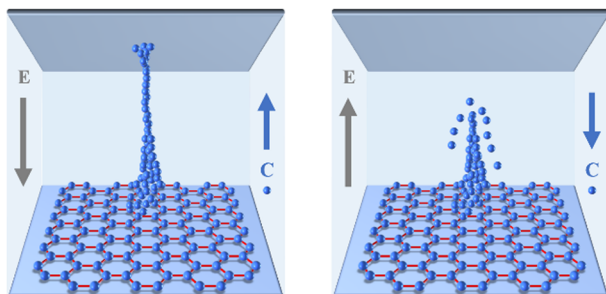
1325



Nanotube ferroelectric tunnel junctions with an ultrahigh tunneling electroresistance ratio

Jiu-Long Wang, Yi-Feng Zhao, Wen Xu, Jun-Ding Zheng, Ya-Ping Shao, Wen-Yi Tong* and Chun-Gang Duan*

1334



A carbon conductive filament-induced robust resistance switching behavior for brain-inspired computing

Tianqi Yu, Dong Wang, Min Liu, Wei Lei, Suhaidi Shafie, Mohd Nazim Mohtar, Nattha Jindapetch, Dommelen van Paphavee and Zhiwei Zhao*



1344

Fully printed memristors made with MoS₂ 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*

