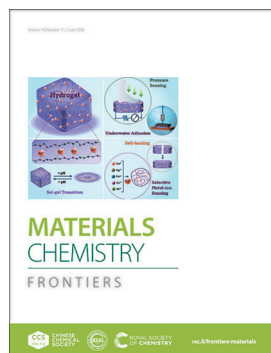


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Cover

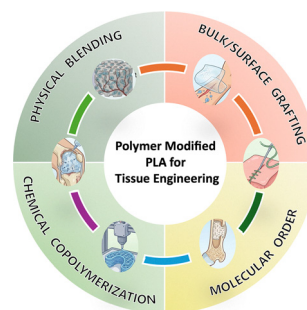
See Sanjib Banerjee *et al.*, pp. 1768–1778. Image reproduced by permission of Sanjib Banerjee from *Mater. Chem. Front.*, 2026, **10**, 1768.

REVIEWS

1732

Recent advances in polymer-modified poly(lactic acid) for tissue engineering applications

Cong Li, Samuel S. Zhu and Xiaoguang Wang*

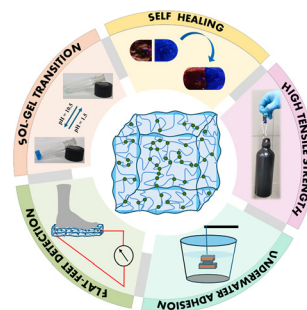


RESEARCH ARTICLES

1768

Amino acid-derived Cu(II)-coordinated supramolecular hydrogel with tunable mechanics, self-healing, and underwater adhesion

Nishikanta Singh, Koushik Mahata, Durgesh Kumar Sinha and Sanjib Banerjee*



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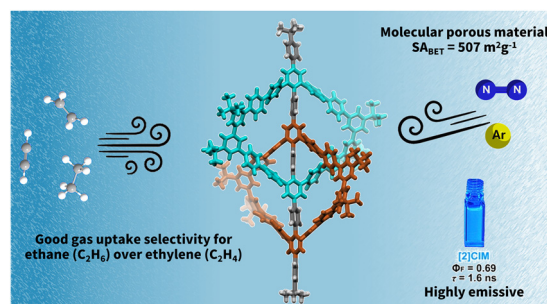


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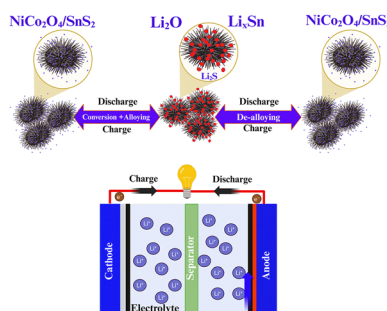
RESEARCH ARTICLES

1779

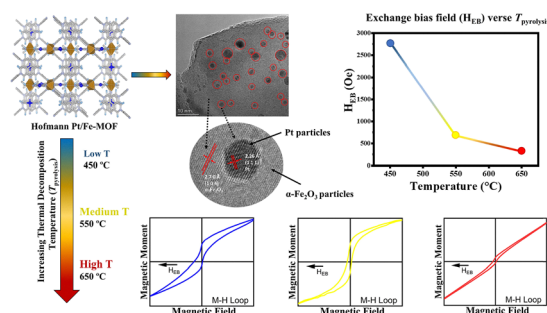
A rigid phenyl-based covalently interlocked macrocycle with inherent porosity

Biao Xia, Hartmut Komber, Sven M. Elbert,*
Michael Mastalerz* and Junzhi Liu*

1789

Synergistic effect of urchin-like NiCo₂O₄/SnS₂ nanocomposites toward stable lithium-ion storageAppu S., Anusha B. R., Udayabhanu, Muhiuddin M.,
Rahman M. R. and Prashantha K.*

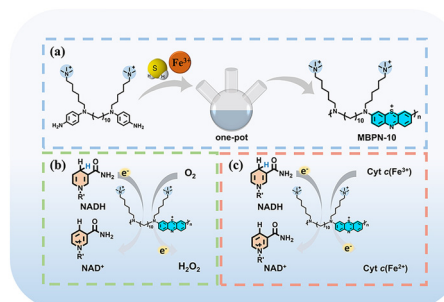
1803

Tunable exchange bias in Hofmann MOF-derived α-Fe₂O₃/Pt magnetic compositesSu-Yun Zhang, Zhu Ding, Zihao Wang, Junzhe Tao and
Yu-Jia Zeng*

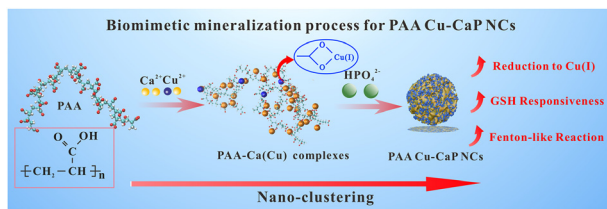
1813

One-pot synthesis of a quaternary ammonium-functionalized methylene blue-backboned polymer for robust NADH oxidation

Xuetong Cai, Chi Meng, Yajie Zhang* and Fude Feng*



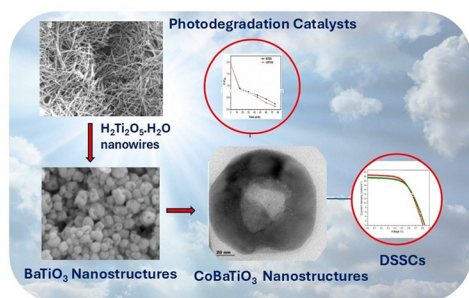
1821



Preparation of copper-doped calcium phosphate nanoclusters to enhance copper-mediated catalytic activity

Zi-You Ding, Jia Chen, Xinli Tang, Wuqing Cao and Yingchao Han*

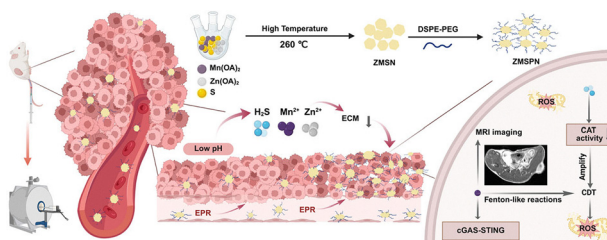
1835



Toroidal ferroelectric cobalt-doped barium titanates as efficient energy conversion materials for solar cells and photocatalysis

Murali Balu, Duraisamy Kumaresan,* R. Krishna Prasad and Subhash Kalidindi

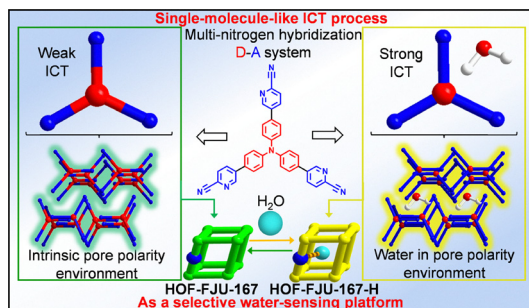
1850



Zinc-manganese sulfide nanoplatfom for tumor-microenvironment-responsive chemo-dynamic/gas therapy and immunomodulation

Taotao Chu, Mengke Fan, Yu Guo, Meiling Liu, Mingya Tan, Xiaojuan Deng* and Zhenghuan Zhao*

1862



Single-molecule-like intramolecular charge transfer in a multi-nitrogen hybridization HOF for selective water detection

Yixin Chen, Zhuoyan Dong, Qianni Peng, Gaoyan Lan, Difeng Yang, Zizhu Yao, Kang Wang, Shengchang Xiang, Yuanchao Lv* and Zhangjing Zhang*

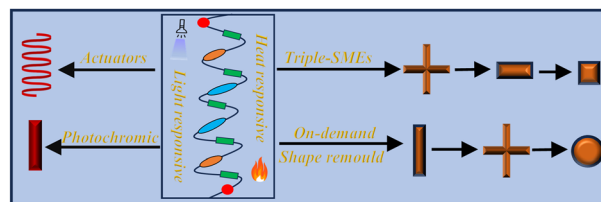


RESEARCH ARTICLES

1872

Light-responsive polyurethane liquid crystal elastomer actuators with photochromic and multiple shape memory effects

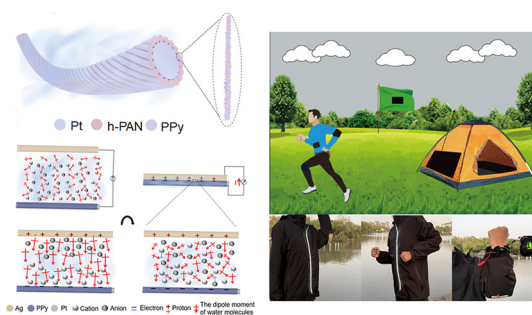
Jie Ma, Kuo-Huai Qin, Gang Wang, Zhi-Hui Ren and Zheng-Hui Guan*



1881

A weavable DC triboelectric fiber driven by dynamic electric double layers

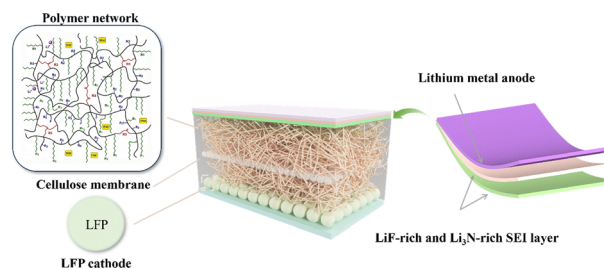
Kuo Li, Ning Wang, Zhouquan Sun, Kerui Li, Yaogang Li, Qinghong Zhang, Hongzhi Wang* and Chengyi Hou*



1891

Non-flammable fluorine-phosphorus-based polymer electrolytes for high-performance all-solid-state lithium metal batteries

Enchi Hu, Songtao Li, Guanyu Zhong, Zhengtao Mai, Siheng Zhang, Jianda Niu, Zhixian Dong, Jinbao Xu,* Zhan Wang* and Caihong Lei*



CORRECTION

1902

Correction: From lab to tap: 2D material innovations in detection and elimination of waterborne pathogens

Soumyanti Panda, Sahil Thakur, Rupam Sharma, Abhijeet Ojha, K. S. Shalini Devi, Hideki Kuramitz, Bouchaib Zazoum and Jai Prakash*

