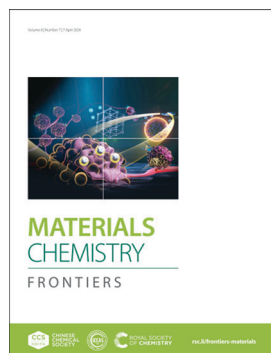


IN THIS ISSUE

ISSN 2052-1537 CODEN MCFAC5 8(7) 1679-1854 (2024)



Cover

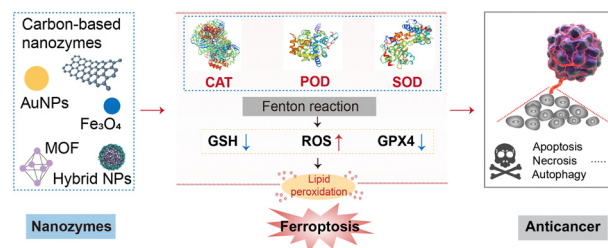
See Min Sun, Bo Jia, Jianzhong Du *et al.*, pp. 1685-1702.
Image reproduced by permission of Jianzhong Du from *Mater. Chem. Front.*, 2024, 8, 1685.

REVIEWS

1685

Nanozyme-enhanced ferroptosis for cancer treatment

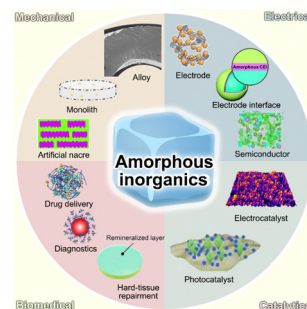
Yue Ming, Mingshu Huang, Yisheng Huang, Danqing Liu, Min Sun,* Bo Jia* and Jianzhong Du*



1703

Applications of amorphous inorganics as novel functional materials

Zhengxi Guo, Zhaoming Liu* and Ruikang Tang*



Environmental Science: Atmospheres

GOLD
OPEN
ACCESS

Connecting communities
and inspiring new ideas



Open Access Article. Published on 25 March 2024. Downloaded on 12/10/2025 3:08:12 AM.
This article is licensed under a Creative Commons Attribution 3.0 Unported Licence.

rsc.li/submittoEA

Fundamental questions
Elemental answers

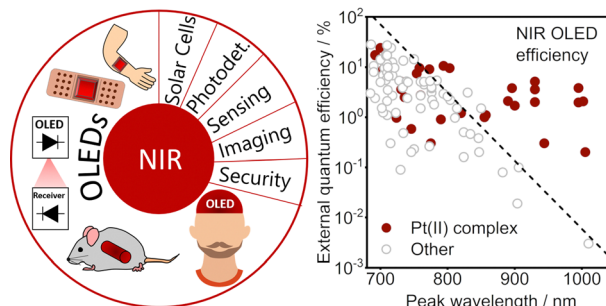


REVIEWS

1731

Recent advances in highly-efficient near infrared OLED emitters

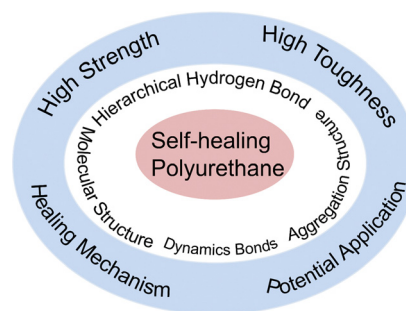
Paloma L. dos Santos,* Patrycja Stachelek,*
Youhei Takeda* and Piotr Pander*



1767

Toward mechanically robust self-healing polyurethanes using dynamics chemistry

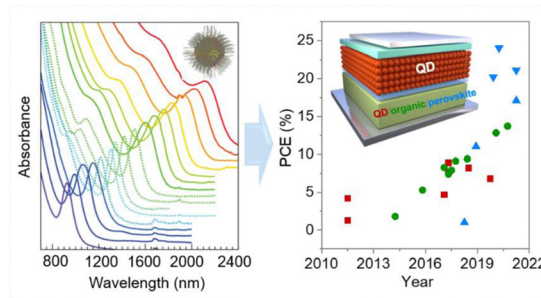
Yan-Long Luo, Wen-Tong Gao, Zhen-Yang Luo and
Cheng-Hui Li*



1792

Tandem solar cells based on quantum dots

Juncheng Zhu, Kunyuan Lu, Jing Li, Zeke Liu* and
Wanli Ma

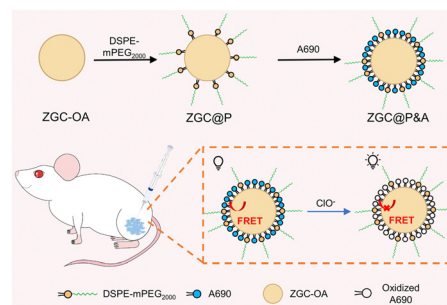


RESEARCH ARTICLES

1808

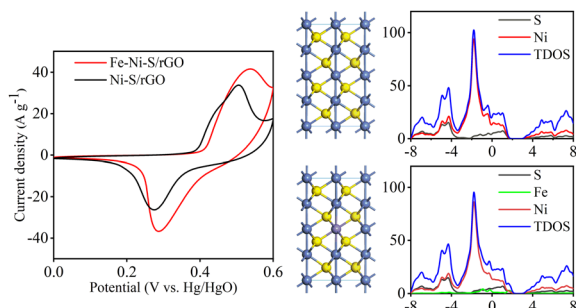
A hypochlorite-activatable persistent luminescence nanoprobe for assisted tumor resection

Zhouyu Zhang, Zi-Jin Wei, Mengjie Sun, Zichao Yan,
Chang Yin, Wei Wang* and Zhi Yuan*



RESEARCH ARTICLES

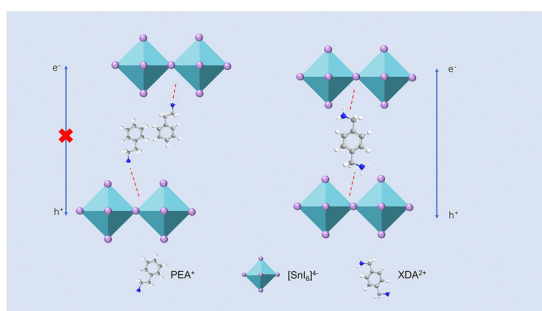
1816



Iron-doped nickel sulfide nanospheres anchored on reduced graphene oxide for high performance supercapacitors

Xiangqun Zeng, Mengyuan Yang, Jie Zhao,* Jiao-Jing Shao* and Zhao Ding

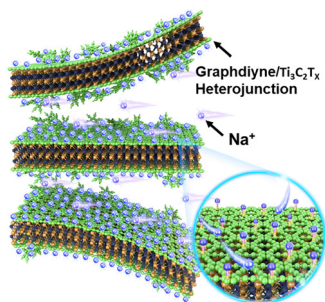
1827



Efficient quasi-2D tin perovskite solar cells based on mixed monoammonium and diammonium terminal molecules

Zihao Zang, Mingyu Ma, Xianyuan Jiang, Wenjia Zhou, Chaowaphat Seriwattanachai, Pongsakorn Kanjanaboos and Zhijun Ning*

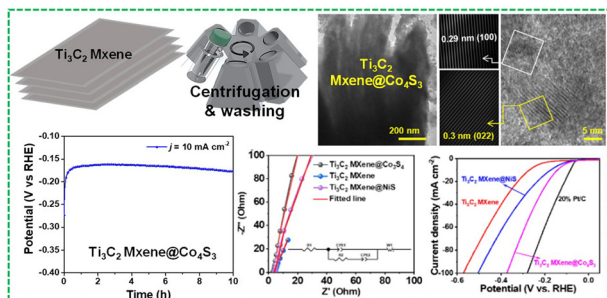
1835



Controlled growth of a 2D/2D heterojunction for high-performance sodium ion storage

Shujin Cheng, Zicheng Zuo* and Yuliang Li*

1844



MXene composite with Ni/Co sulfide for enhanced hydrogen evolution reaction

Mohit Kumar, Bhimanaboina Ramulu and Jae Su Yu*

