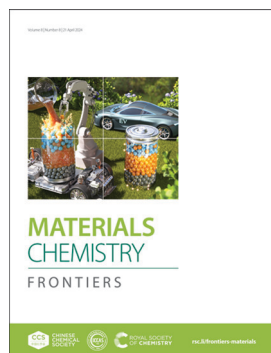


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Cover

See Seongki Ahn, Jun-Woo Park *et al.*, pp. 1861-1887. Image reproduced by permission of Jun-Woo Park from *Mater. Chem. Front.*, 2024, 8, 1861.

REVIEWS

1861

Recent advances in all-solid-state batteries for commercialization

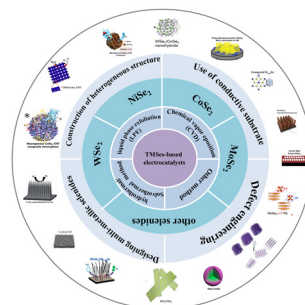
Junghwan Sung, Junyoung Heo, Dong-Hee Kim, Seongho Jo, Yoon-Cheol Ha, Doohun Kim, Seongki Ahn* and Jun-Woo Park*



1888

Rational design and application of electrocatalysts based on transition metal selenides for water splitting

Haiyan Xiang, Qizhi Dong,* Meiqing Yang and Song Liu*



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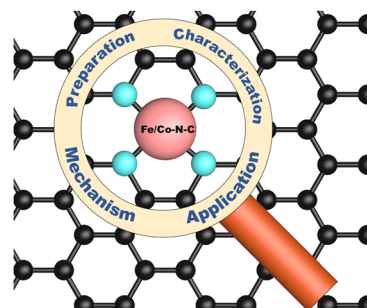


REVIEWS

1927

Atomically dispersed Fe/Co–N–C and their composites for proton exchange membrane fuel cells

Yu Meng, Jiaying An, Peng-Xiang Hou, Chang Liu and Jin-Cheng Li*

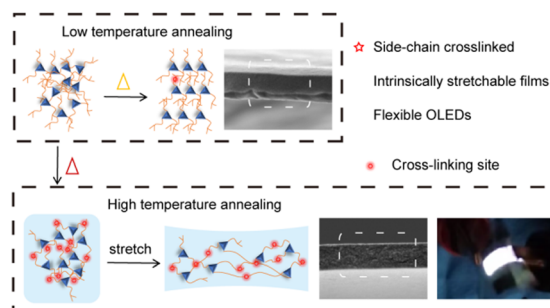


RESEARCH ARTICLES

1950

Intrinsically stretchable and efficient cross-linked small molecular emitter for flexible organic light-emitting diodes

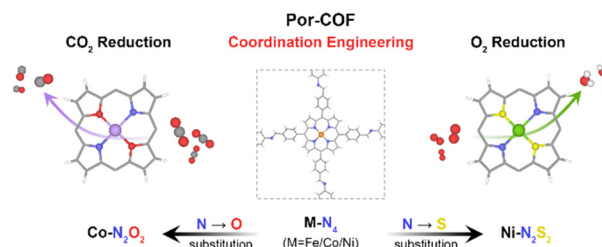
Ning Sun, Xiang An, Jianye Gong, Yingying Zheng, Lubing Bai, Huaqiang Gong, Yahui Zhang, Mingjian Ni, Zhiqiang Zhuo, Chuanxin Wei, Man Xu, Jianguo Wang,* Yamin Han,* Wei Huang and Jinyi Lin*



1958

Boosting the catalytic performance of metalloporphyrin-based covalent organic frameworks via coordination engineering for CO₂ and O₂ reduction

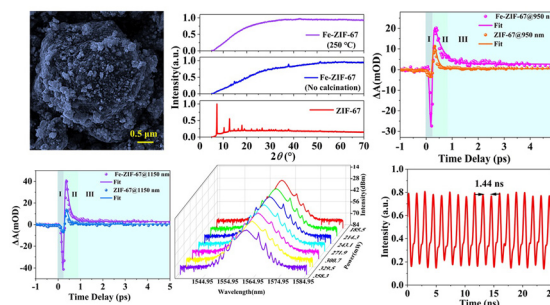
Zhixin Ren, Ke Gong, Bo Zhao, Shi-Lu Chen and Jing Xie*



1971

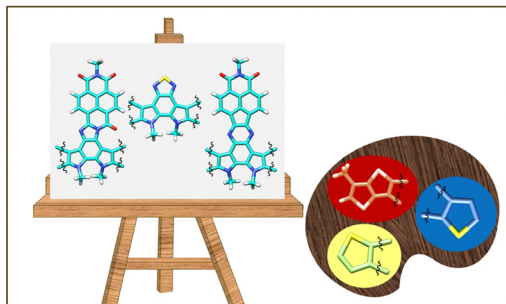
Enhanced nonlinear optical response and ultrafast carrier dynamics in amorphous Fe-doped ZIF-67

Linghao Kong, Yunkai Sun, Hongwei Chu,* Shiping Xu, Zhongben Pan, Han Pan, Shengzhi Zhao and Dechun Li*



RESEARCH ARTICLES

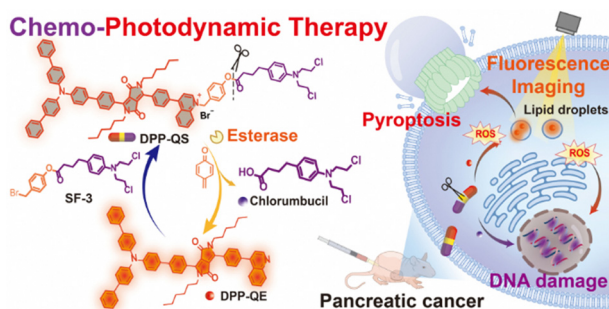
1981



Tuning the charge stabilization and transport in naphthalimide-based semiconductors via a fused-ring and core-engineering strategy

Raúl González-Núñez, Matías J. Alonso-Navarro, Fátima Suárez-Blas, Elena Gala, M. Mar Ramos, José L. Segura* and Rocío Ponce Ortiz*

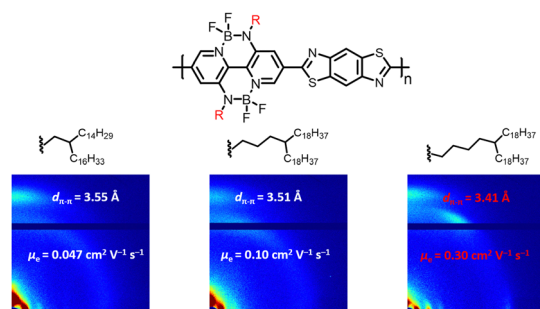
1993



An esterase-activated diketopyrrolopyrrole-based theranostic prodrug for precise pyroptosis and synergistic chemo-photodynamic therapy of pancreatic cancer

Xixin Gu, Kaini Yang, Sifan Li, Ju Mei, Xiao-Peng He,* Wei Chen* and Jianli Hua*

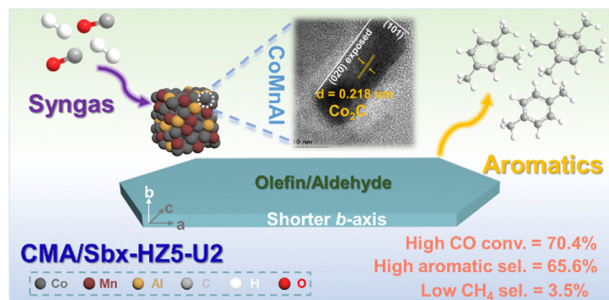
2002



Enabling close backbone stacking in near-amorphous n-type polymer semiconductors via side-chain engineering

Xu Cao, Chenhui Xu, Hongxiang Li, Yang Han, Yunfeng Deng, Hongkun Tian,* Jun Liu* and Lixiang Wang

2011



Enhanced production of aromatics from syngas over CoMnAl oxides combined with *b*-axis thickness tailored HZSM-5

Ruixin Guo, Jia Liu, Hao Wang,* Xing Yu, Jian Zhang, Chengguang Yang,* Jiong Li, Yuhuan Sun and Peng Gao*

