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IN THIS ISSUE

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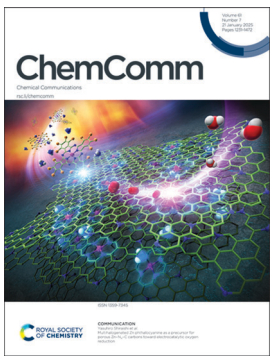
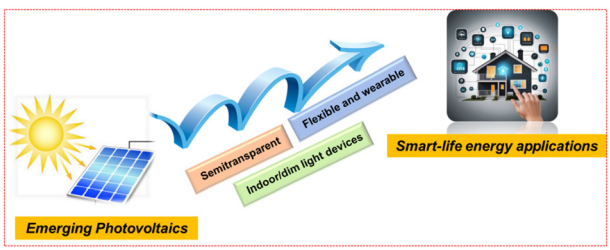
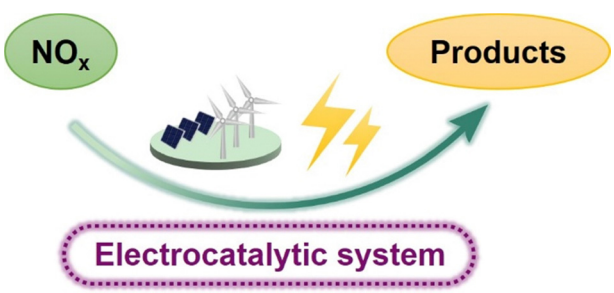


Cover
See Yasuhiro Shiraishi *et al.*, pp. 1371–1374. Image reproduced by permission of Yasuhiro Shiraishi from *Chem. Commun.*, 2025, **61**, 1371.

Inside cover
See Yufen Zhao, Jianxi Ying *et al.*, pp. 1375–1378. Image reproduced by permission of Jianxi Ying from *Chem. Commun.*, 2025, **61**, 1375.

HIGHLIGHTS





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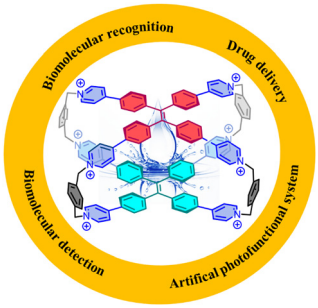
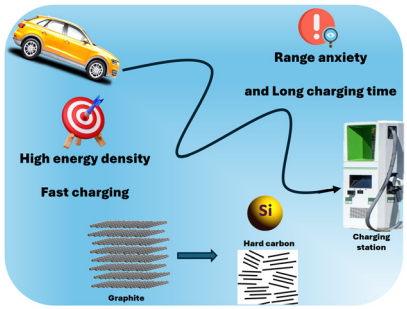
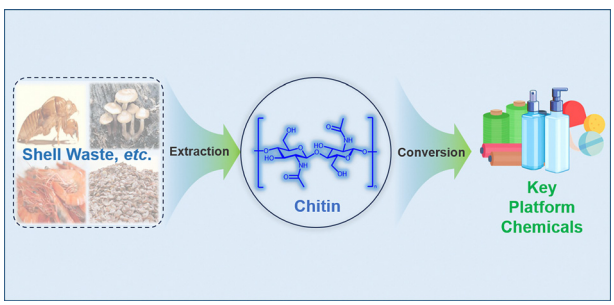
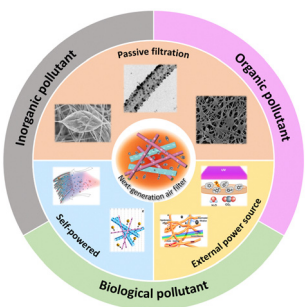


FEATURE ARTICLES







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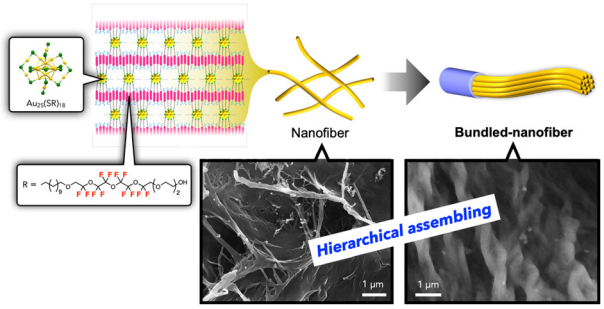

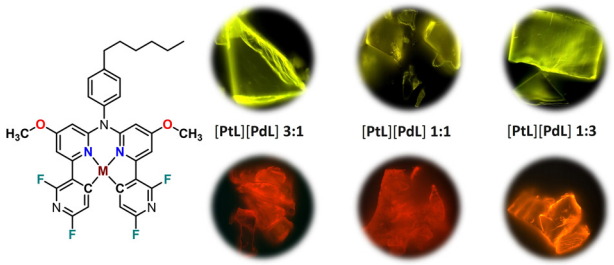

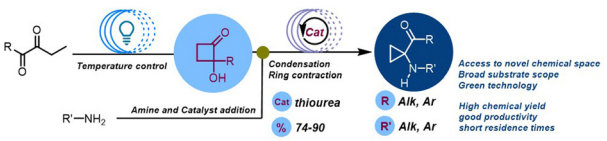

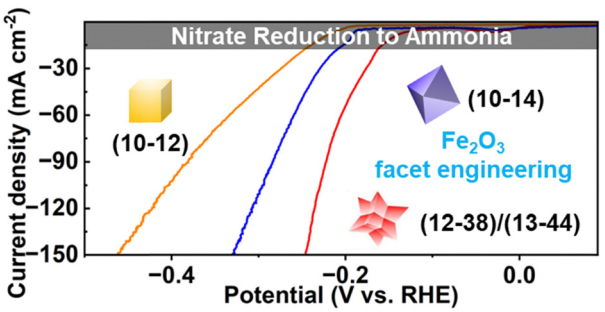

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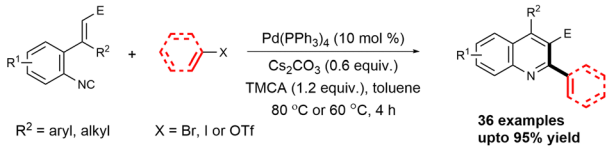

- first palladium-catalyzed intramolecular imidoylative 6-*endo* cyclization
- activation of vinyl C-H bond with imidoylpalladium and carboxylate
- rapid assembly of continuously substituted quinolines

Synthesis of continuously substituted quinolines from *o*-alkenyl aromatic isocyanides by palladium-catalyzed intramolecular imidoylative 6-*endo* cyclization

Tuanli Yao,* Wei Liu, Hanfu Hu and Xiangyang Qin*

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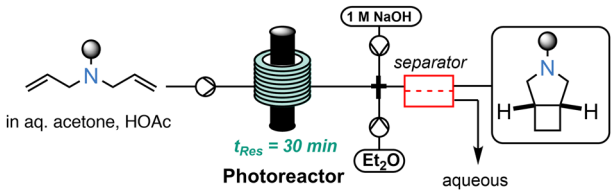
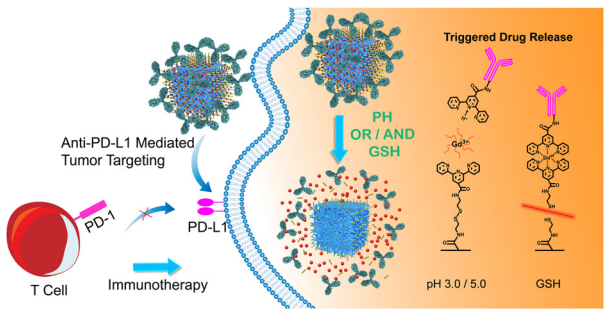


Metal-free [2+2]-photocycloaddition of unactivated alkenes enabled by continuous flow processing

Diarmuid O'Hanlon, Sharon Davin, Brian Glennon and Marcus Baumann*

1407



Design of an anti-PD-L1-mediated MOF nanodrug delivery system using terpyridine-metal coordination for tumor theranostics

Xu Han, Jia Chen, Zhihao Cheng and Shengwang Zhou*

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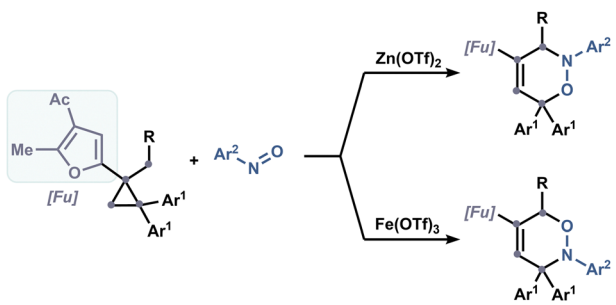

Regiodivergent formal [4+2] cycloaddition of nitrosoarenes with furanyl cyclopropane derivatives as 4π components

Darío Coto, Sergio Mata, Luis A. López* and Rúben Vicente*

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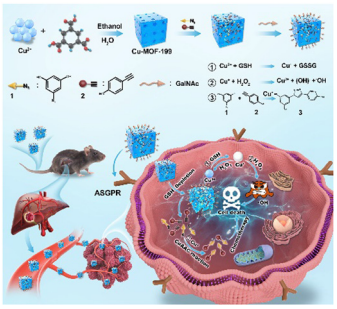

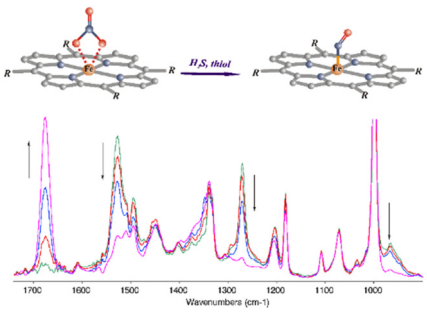

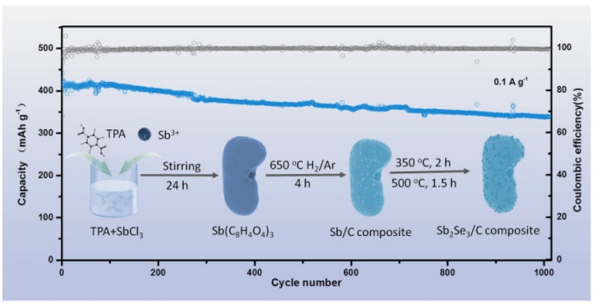

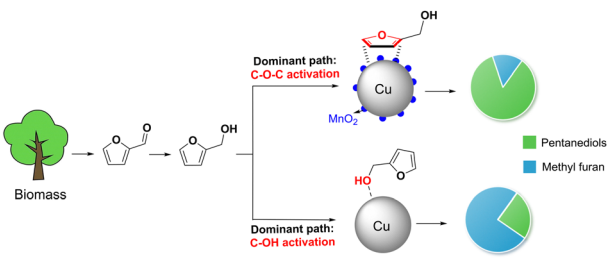

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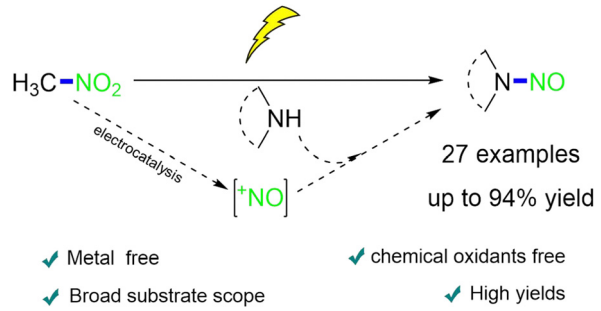

Electrochemical synthesis of nitrosation compounds using CH_3NO_2 as a nitroso reagent

Rong Deng, Kai Li, Zhenggen Zha, Qi Sun* and Zhiyong Wang*

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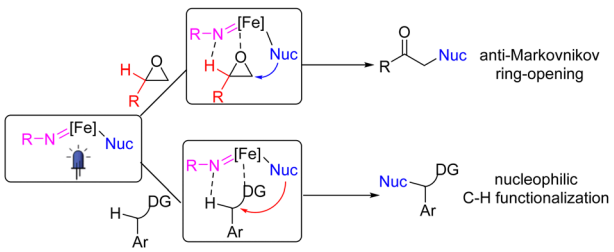

Ferric nitrene-promoted anti-Markovnikov ring-opening of epoxides and nucleophilic functionalization of benzylic C–H bonds under photo-irradiation

Ming Hou, Mengjie Jia, Rui Qi, Zhide Zhang, Linli He,* Tianwen Bai, Chen Bao* and Guanyinsheng Qiu*

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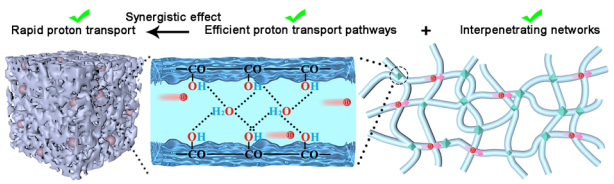

Synergistic effect promoting proton transport in metal–organic framework aerogels

Xiao-Min Li,* Junchao Jia, Dongbo Liu, Aziz Bakhtiyarovich Ibragimov and Junkuo Gao*

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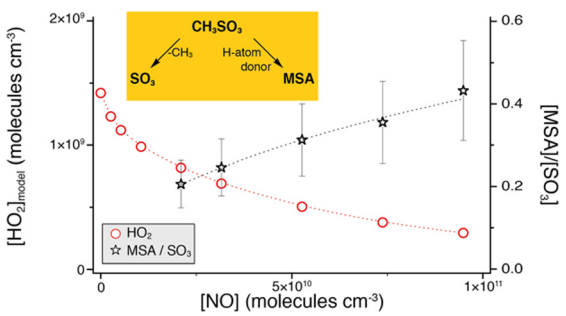

Methanesulfonic acid (MSA) and SO_3 formation from the addition channel of atmospheric dimethyl sulfide oxidation

Torsten Berndt

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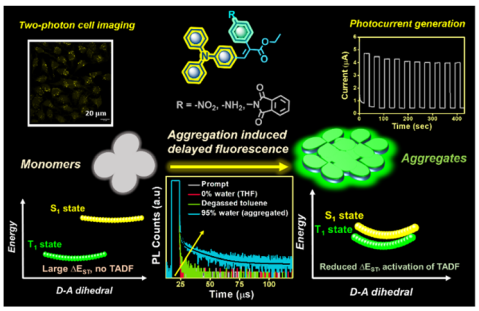

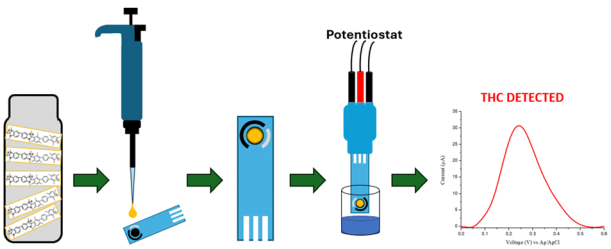

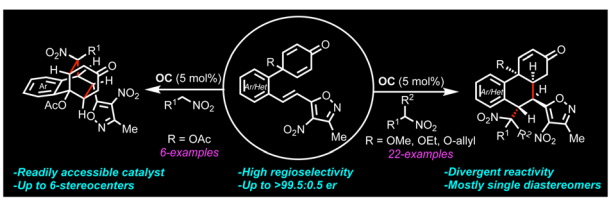

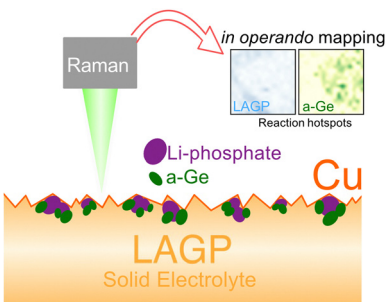

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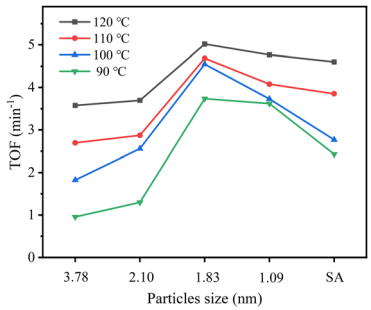

From single atoms to nanoparticles: size effect on Pd/C-catalyzed hydrogenation of 2,5-furandicarboxylic acid

Jiali Zheng, Zhihui Li,* Dongsheng Zhang, Xinqiang Zhao, Qian Zhao and Yanji Wang*

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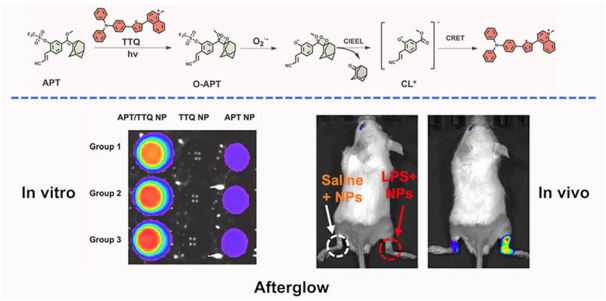

Designing superoxide-responsive near-infrared afterglow materials for enhanced arthritis imaging

Shuai Huang, Shuaige Bai, Meihui Liu, Xueyan Huang, Jing Hou, Ting Luo, Yiyang Zhou, Shuang Huang and Wenbin Zeng*