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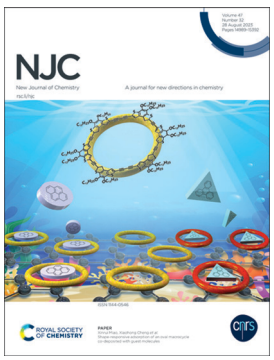

Cover
See Xinrui Miao, Xiaohong Cheng *et al.*, pp. 15014–15020. Image reproduced by permission of Xinrui Miao from *New J. Chem.*, 2023, **47**, 15014.

EDITORIAL

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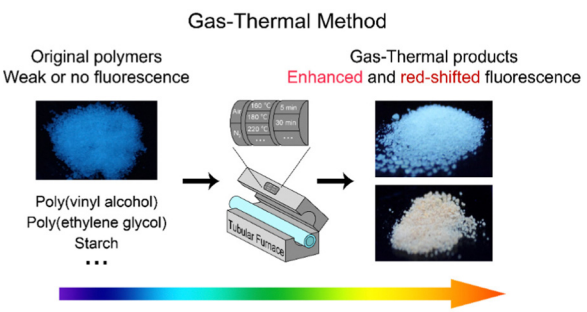

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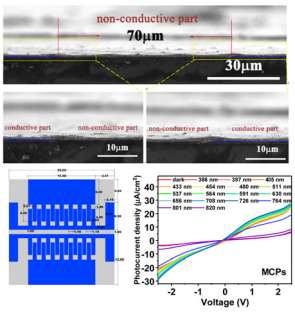

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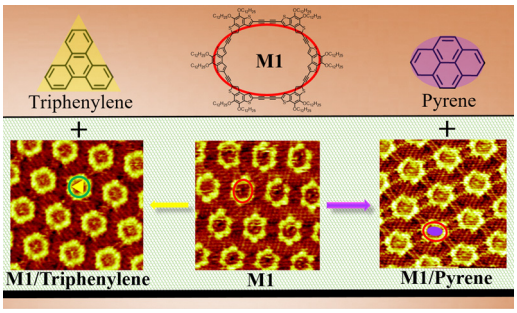

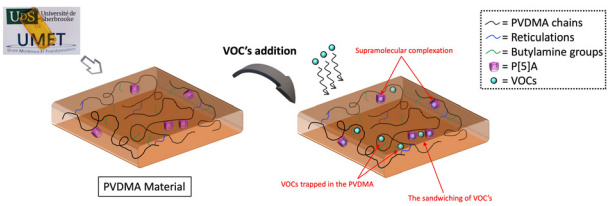

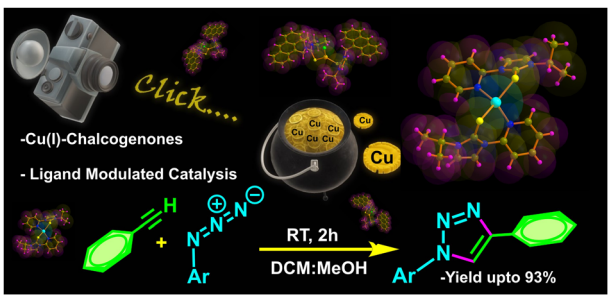

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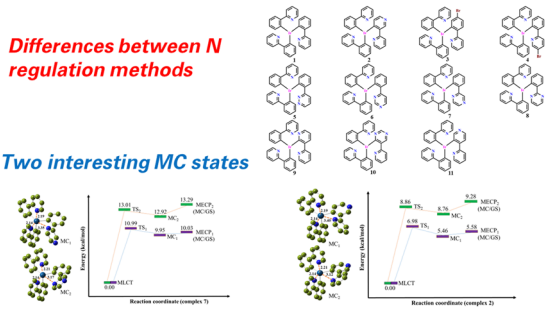

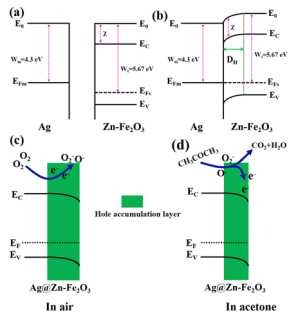

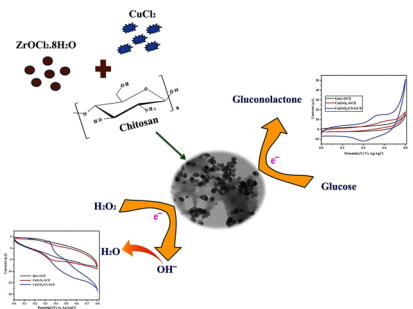

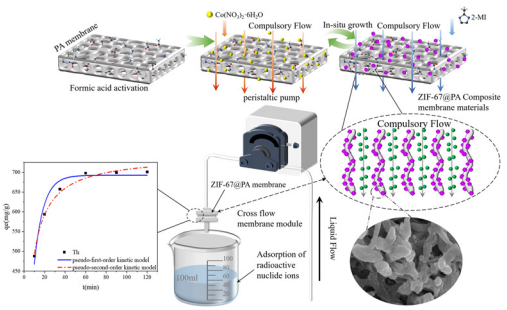

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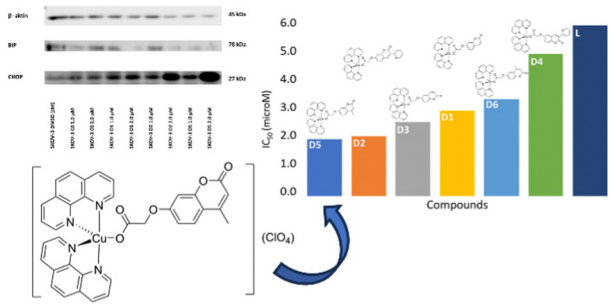

Ternary copper(II) complexes of 1,10-phenanthroline and coumarin-based oxylacetates as pro-apoptotic UPR CHOP inducers

Sebastiano Masuri, Maria Grazia Cabiddu, Lukáš Moráň, Tereza Vesselá, Martin Bartosik, Josef Havel, Francesca Meloni, Enzo Cadoni, Petr Vaňhara and Tiziana Pivetta*

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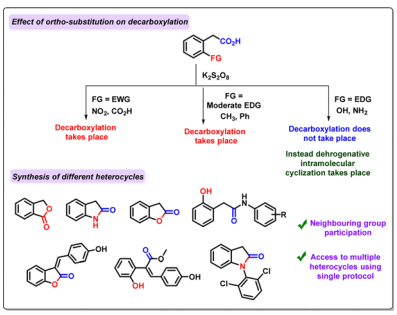

Effect of *ortho*-substitution on persulfate-mediated decarboxylation and functionalization of arylacetic acids

Joydev K. Laha,* Upma Gulati and Saima

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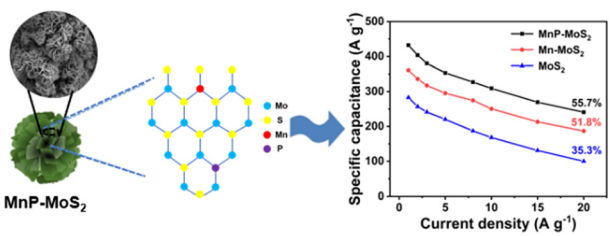

Flower-like manganese and phosphorus co-doped MoS_2 with high 1T phase content as a supercapacitor electrode material

Yunan Li,* Xiaotian Wang, Jiayin Meng, Meng Song, Mingli Jiao, Qi Qin* and Liwei Mi*

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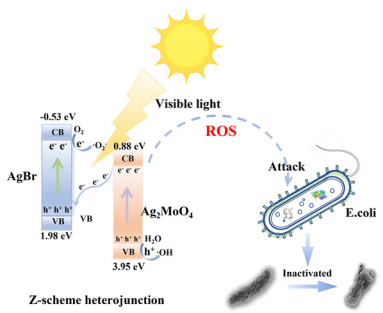

Construction of a AgBr–Ag_2MoO_4 heterojunction and its photocatalytic sterilization activity

Qin Rao, Xiao Xian, Huaxiang Lin,* Rusheng Yuan, Zizhong Zhang, Jinlin Long and Qun Lin*

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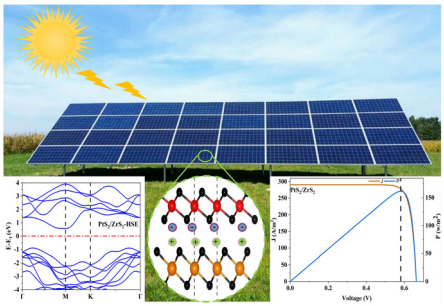

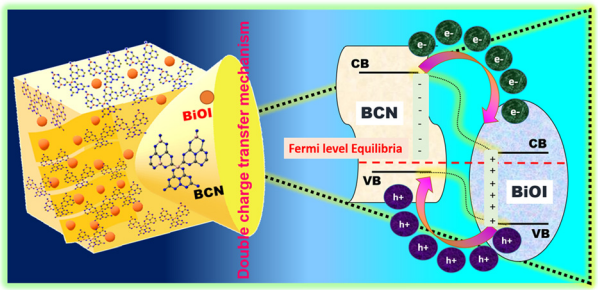

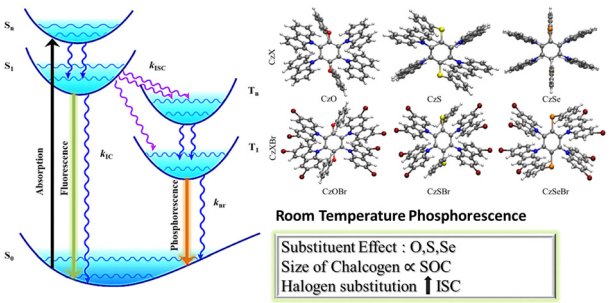

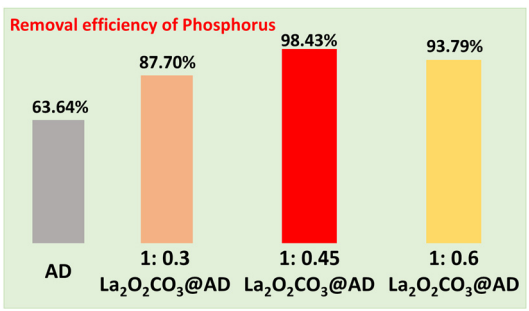

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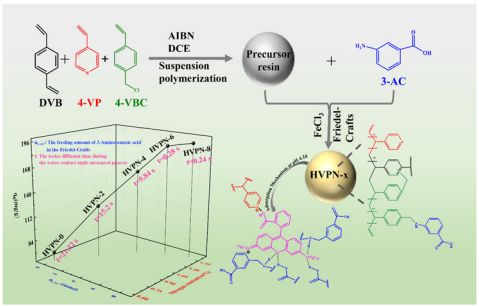

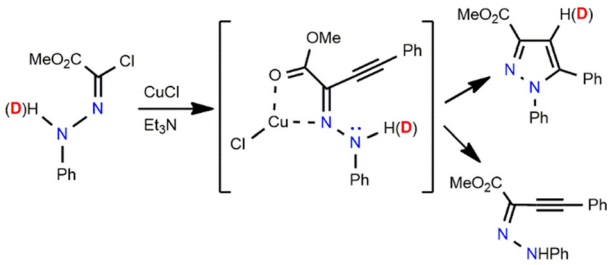

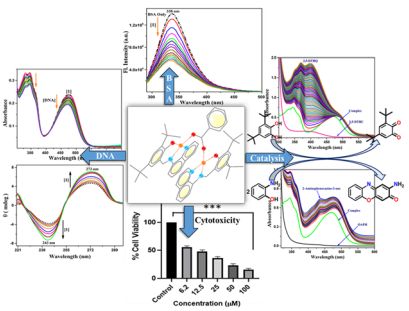

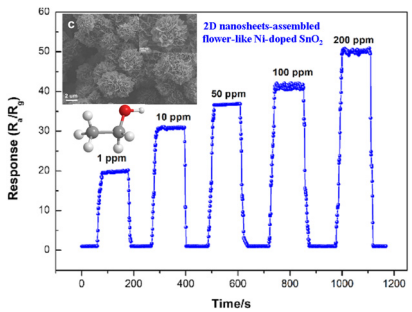

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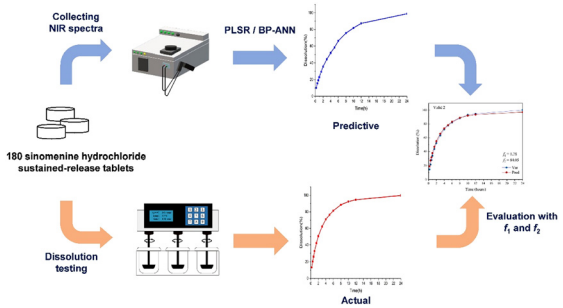

Prediction of dissolution profiles of sinomenine hydrochloride sustained-release tablets part I: using near-infrared spectra as predictors

Wenlong Li, Long Wang, Xi Wang, Guangpu Fang, Qiang Zhang, Ping Qiu and Pengfei Tu*

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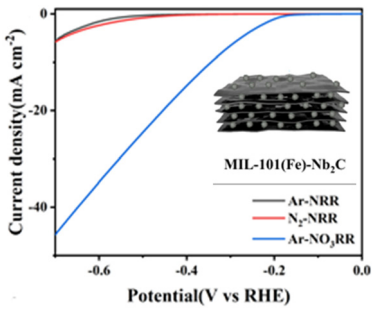

MIL-101(Fe)@Nb_2C MXene for efficient electrocatalytic ammonia production: an experimental and theoretical study

Haiding Zhu, Sensen Xue, Fang Zhao, Qianqian Hua, Zhuangzhuang Liang, Xuefeng Ren, Liguo Gao, Tingli Ma and Anmin Liu*

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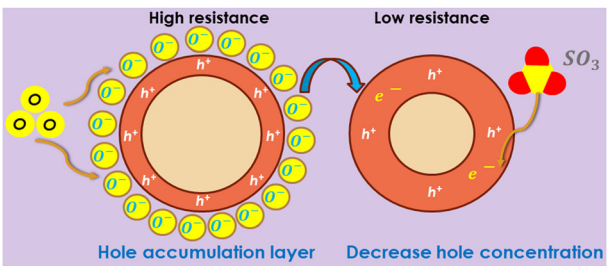

Ni-doped Al_2O_3 sensor for effective SO_3 gas adsorption and sensing

V. Manikandan,* G. Ayyannan, Iulian Petrila, Rajaram S. Mane, Kamil Sobczak, J. Chandrasekaran, Robert D. Crapnell and Craig E. Banks

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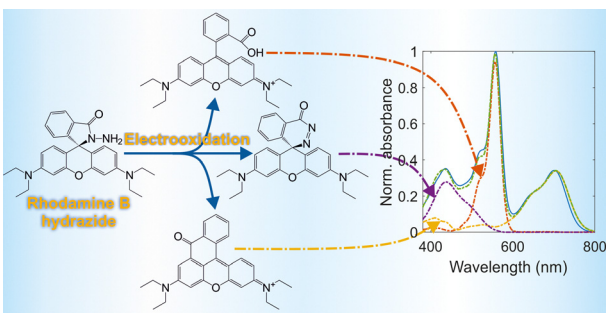

Electrooxidation of rhodamine B hydrazide

Nikita Belko,* Hanna Maltanava, Anatol Lugovski, Sviatlana Fatykhava, Polina Shabunya, Anastasiya Tabolich, Michael Samtsov and Sergey Poznyak

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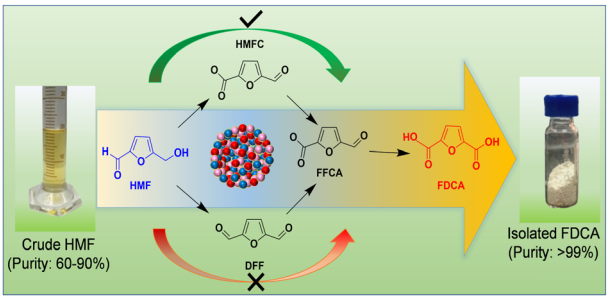

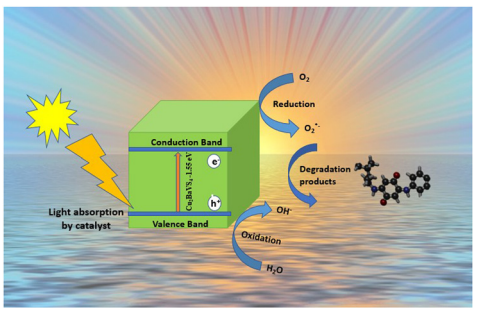

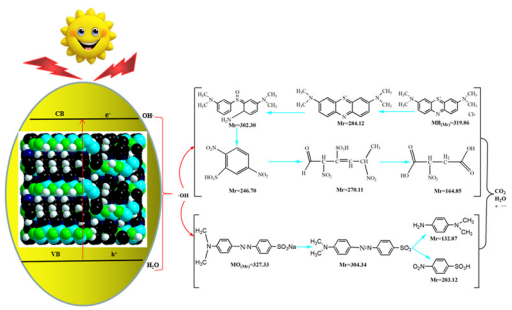

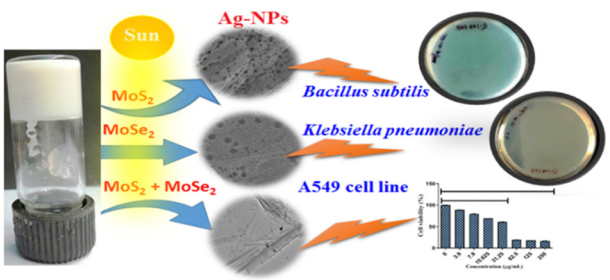

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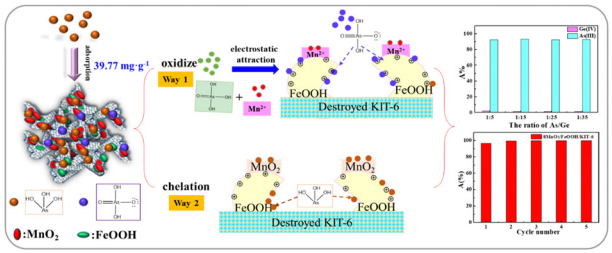

Adsorbent nanoarchitectonics of *m*MnO_2/*n*FeOOH/KIT-6 for As(III) adsorption from wastewater

Ying Xiong, Haolin Cong, Xingkun Qi, Yumei Zhao, Dandan Wang, Junshuo Cui, Weijun Shan and Haibiao Yu*

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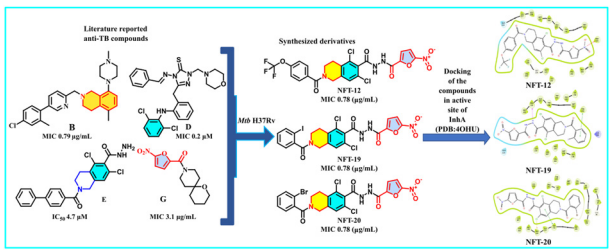

Tetrahydroisoquinoline based 5-nitro-2-furoic acid derivatives: a promising new approach for anti-tubercular agents

Adinarayana Nandikolla, Yogesh Mahadu Khetmalis, Guruvelli Padma Vijaya Sangeetha, Ala Chandu, Swati, Muthyala Murali Krishna Kumar, Vivek Sharma, Sankaranarayanan Murugesan and Kondapalli Venkata Gowri Chandra Sekhar*

