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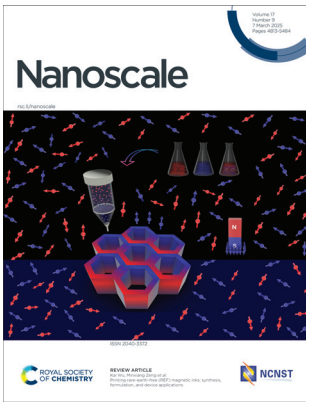
IN THIS ISSUE

ISSN 2040-3372 CODEN NANOHL 17(9) 4813–5484 (2025)



Cover
See Kai Wu, Minxiang Zeng *et al.*, pp. 4830–4853.

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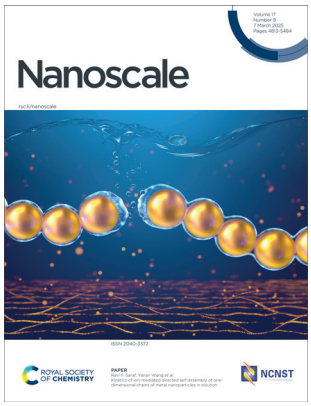

Inside cover
See Ravi F. Saraf, Yanan Wang *et al.*, pp. 5012–5020.

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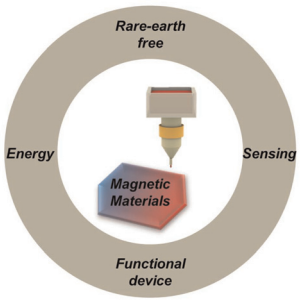
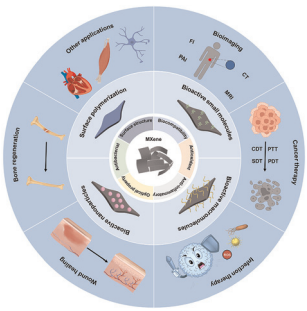
REVIEWS





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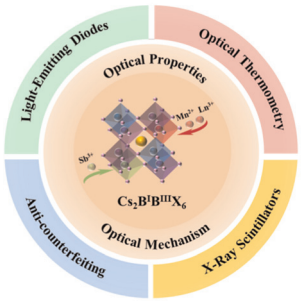
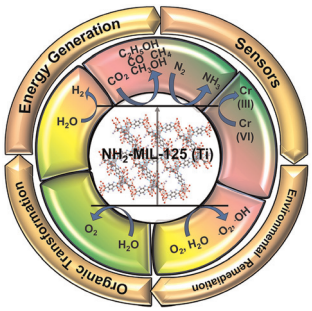
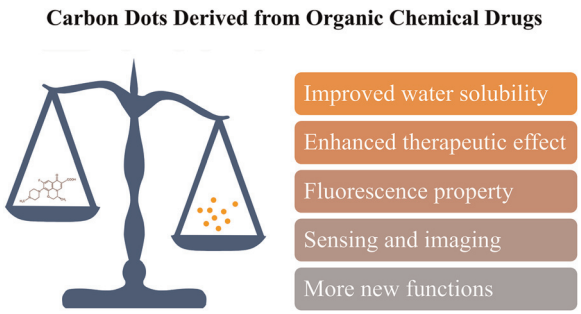
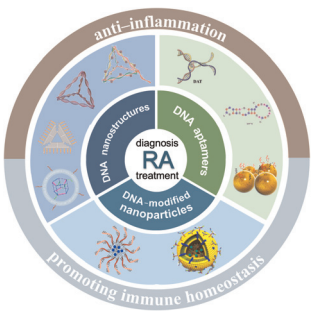






MINIREVIEW



COMMUNICATIONS

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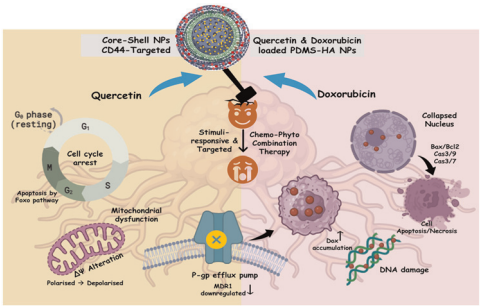

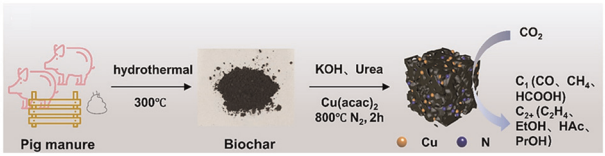

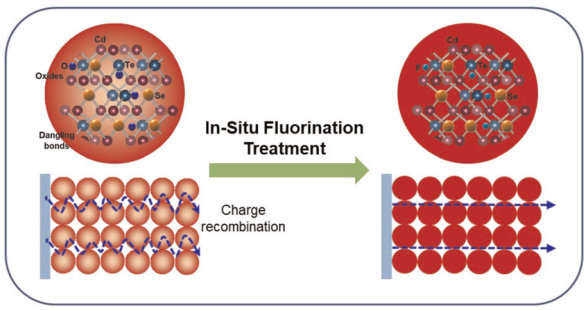

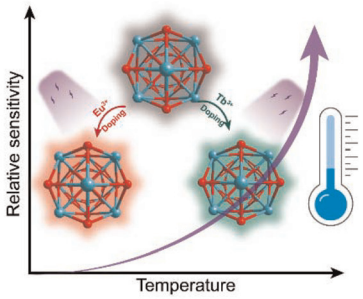

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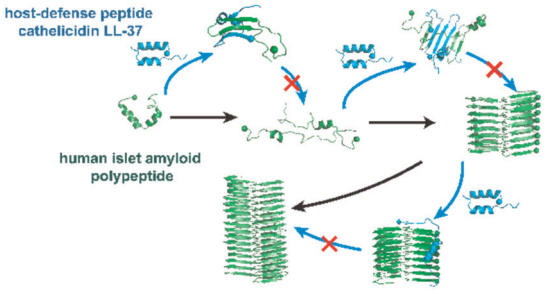

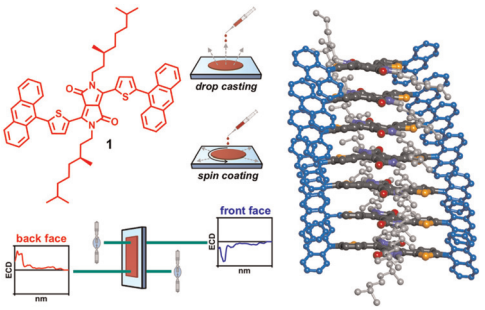

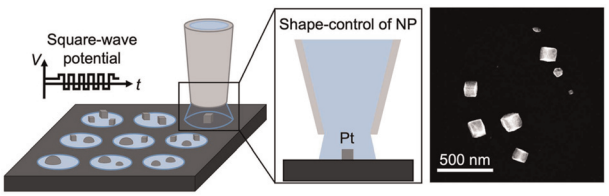

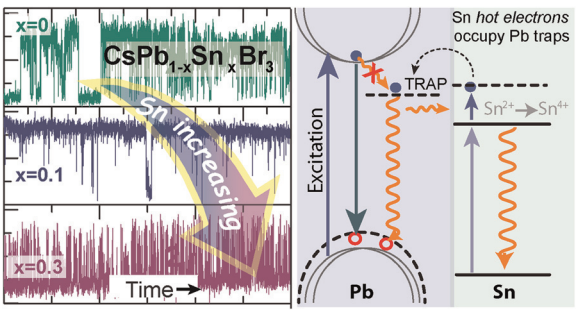

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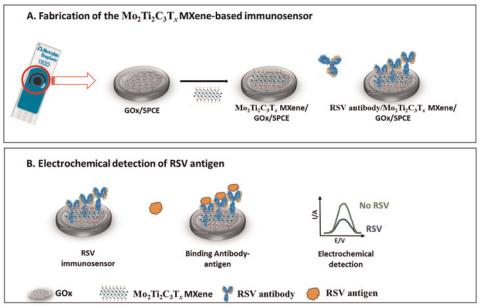

Investigation of the $Mo_2Ti_2C_3T_x$ MXene in the electrochemical immunosensing of the respiratory syncytial virus (RSV)

Amina Rhouati, Anupma Thakur, Babak Anasori and Mohammed Zourob*

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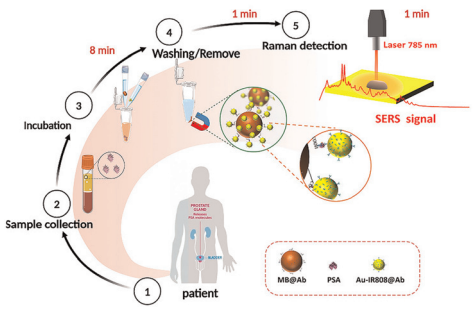

A high sensitivity prostate-specific antigen SERS detection platform based on laser resonance nanoparticles

Shi-Ying Fu, Shanshan Xu, Hongmei Li, Xian-Ming Guo, Jia-Sheng Lin, Bing Guan, Bin Chen, Tao Wang,* Yue-Jiao Zhang* and Jian-Feng Li*

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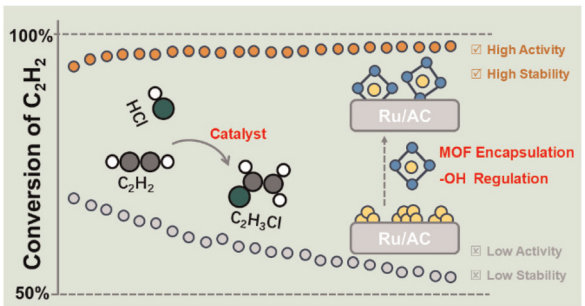

Encapsulated ruthenium sites in reaction microenvironment-regulated UiO-66 for stable acetylene hydrochlorination

Digao Chai, Qidi Liu, Yunsheng Dai, Yongsheng Xu,* Yu Zi, Shuo Yang, Yanzhao Dong, Dongyang Xie, Jinli Zhang and Haiyang Zhang*

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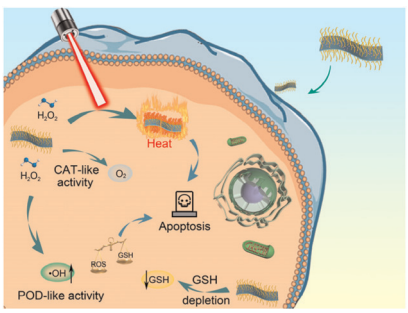

Anchoring Ru single-atoms on MXene achieves dual-enzyme activities for mild photothermal augmented nanocatalytic therapy

Wenzhuo Wang, Yanlin Zhu, Lili Feng,* Ruoxi Zhao, Chenghao Yu, Yaoyu Hu, Zhen Hu, Bin Liu, Lei Zhong and Piaoping Yang*

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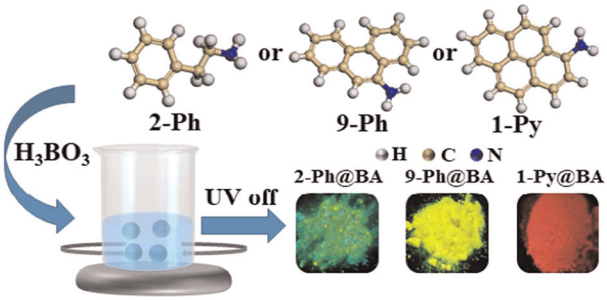

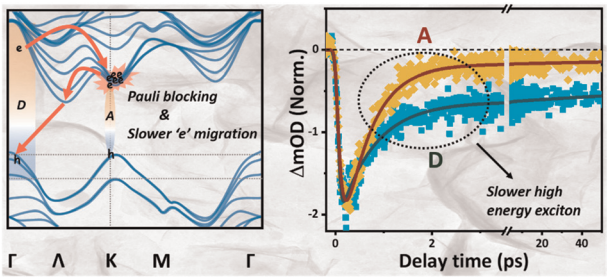

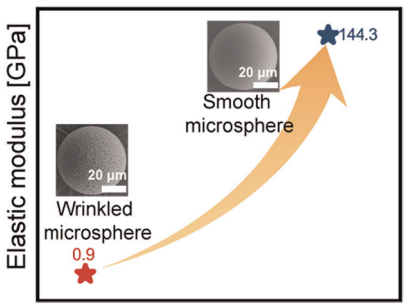

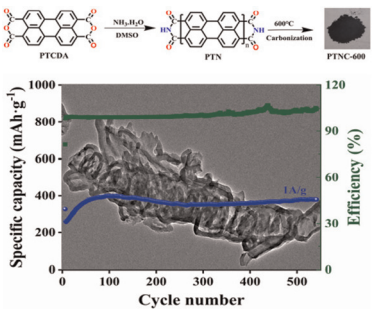

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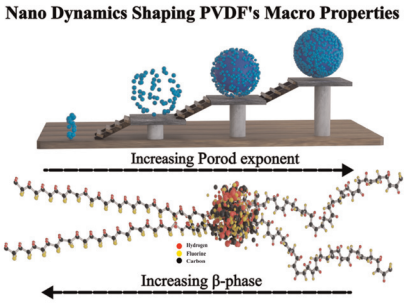

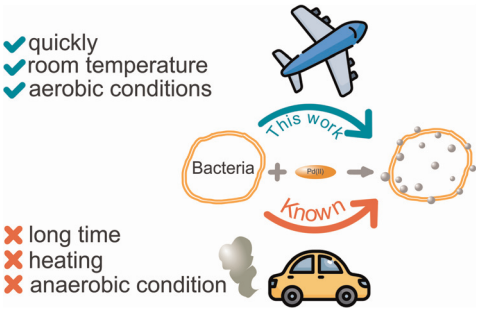

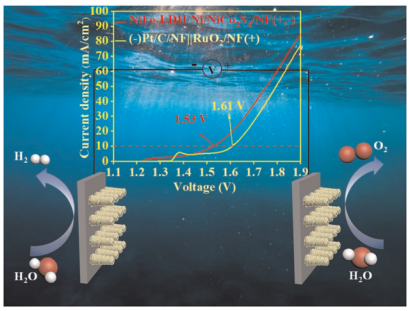

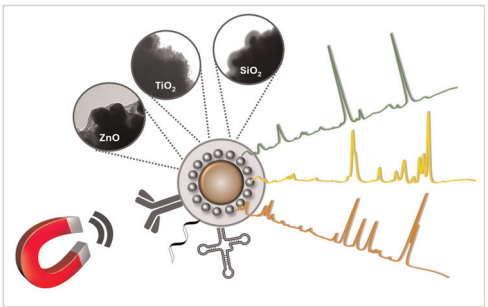

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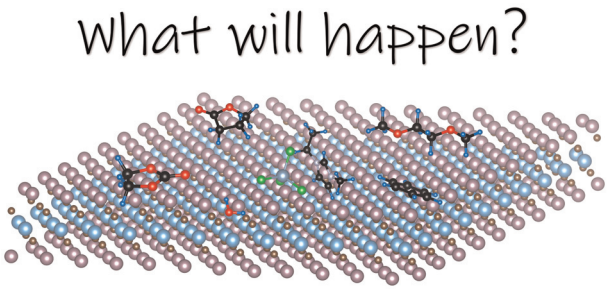

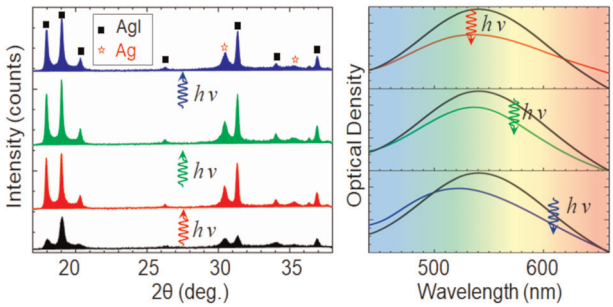

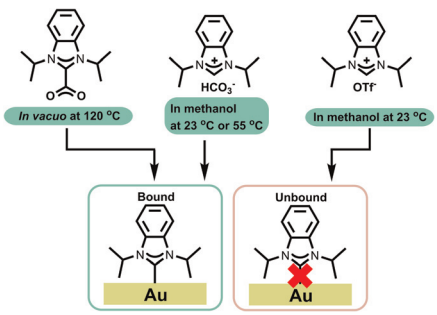

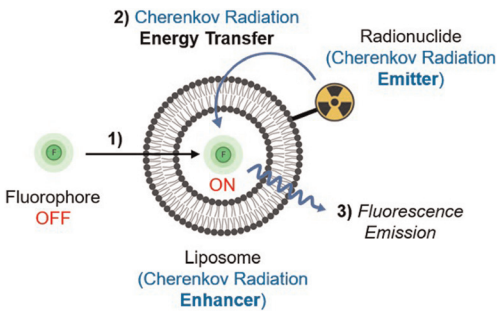

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CORRECTION

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Correction: Fabrication of nanoporous anodized aluminum oxide based photonic crystals with multi-band responses in the vis-NIR region

Mengqi Li, Chao Feng,* Liye Zhu and Yan Zhao*