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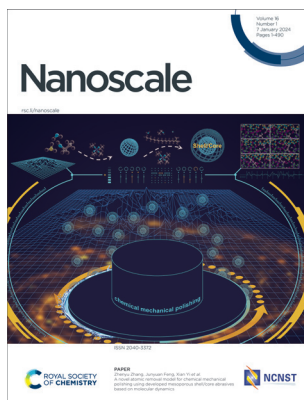
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See Emilia Krok, Lukasz Piatkowski *et al.*, pp. 72–84.

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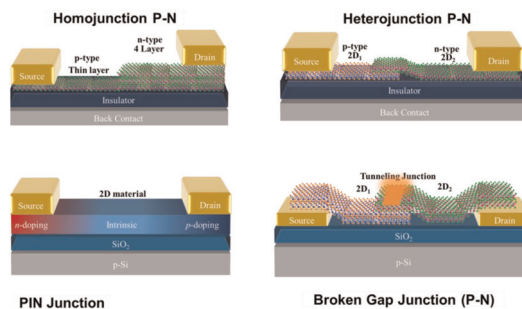
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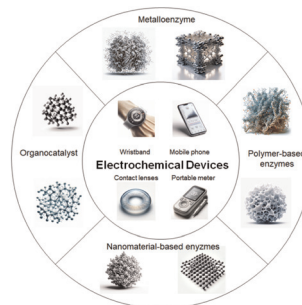


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Fundamental questions
Elemental answers

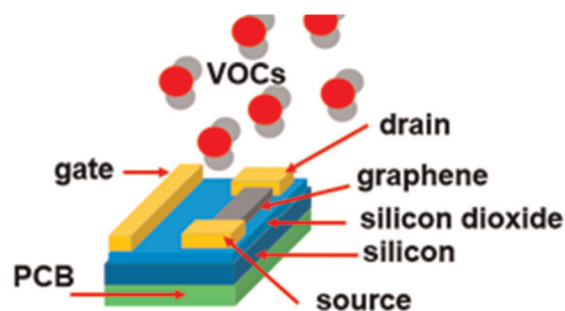


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Detection of medically relevant volatile organic compounds with graphene field-effect transistors and separated by low-frequency spectral and time signatures

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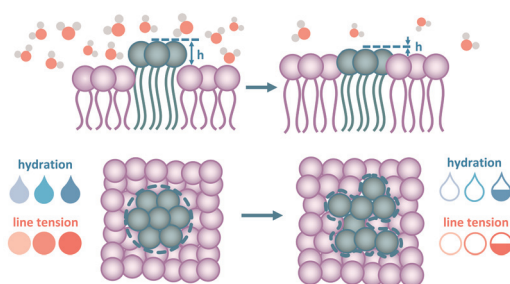


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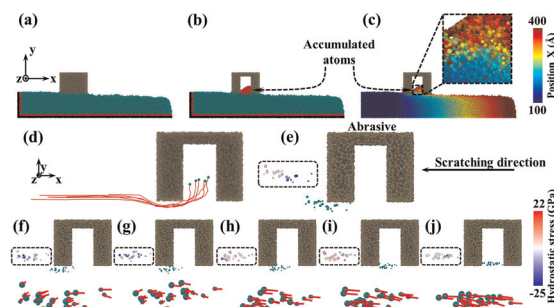
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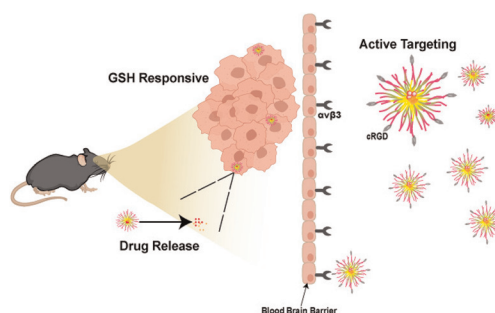
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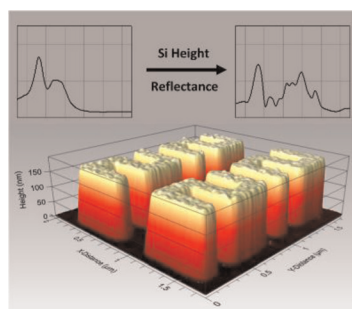
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Wanyu Wang, Yuanyuan Zhang, Yue Jian, Shi He, Jiagang Liu, Yongzhong Cheng, Songping Zheng, Zhiyong Qian, Xiang Gao and Xiang Wang*



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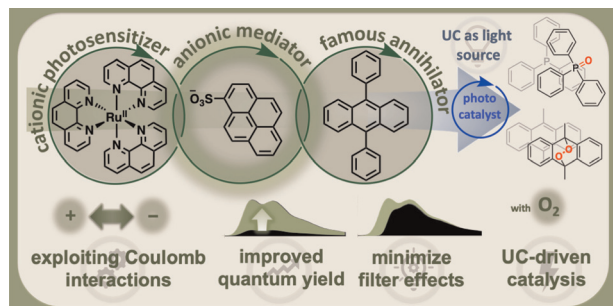
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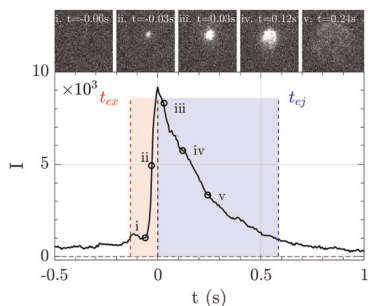
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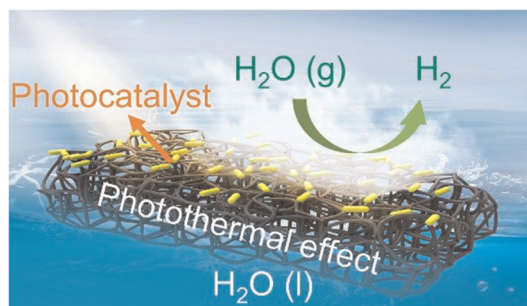
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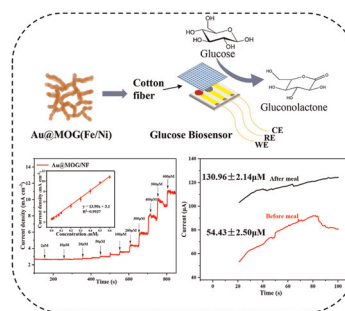


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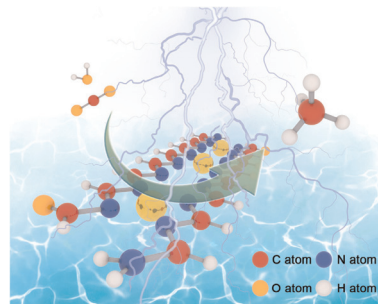
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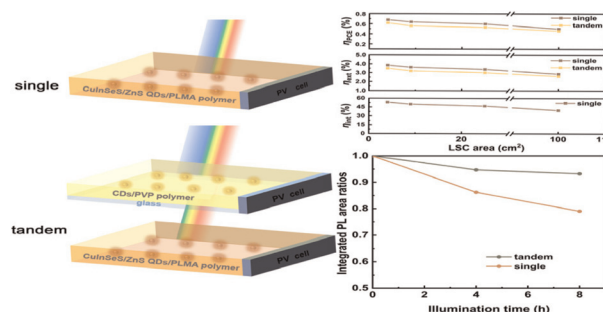
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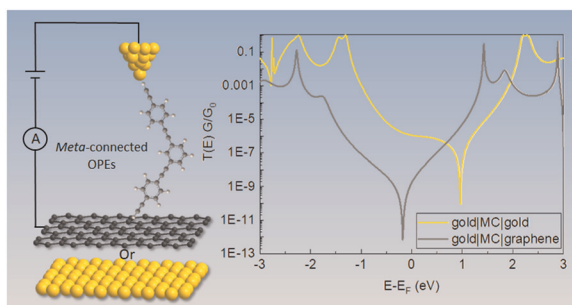
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Lianju Wang, Yiqing Chen, Yueling Lai, Xianglong Zhao, Kanghui Zheng, Ruilin Wang and Yufeng Zhou*



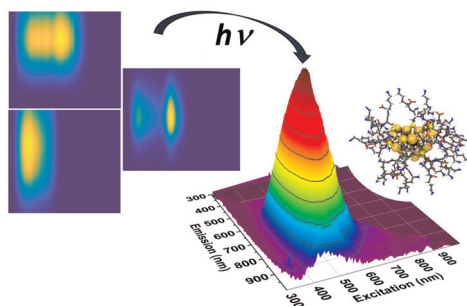
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Yinqi Fan, Shuhui Tao, Sylvain Pitié, Chenguang Liu, Chun Zhao, Mahamadou Seydou, Yannick J. Dappe, Paul J. Low, Richard J. Nichols and Li Yang*

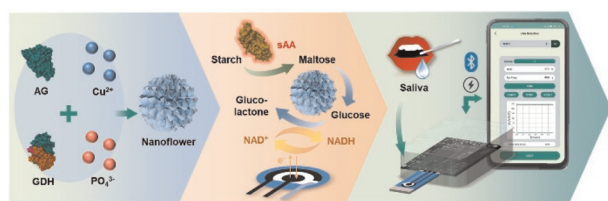
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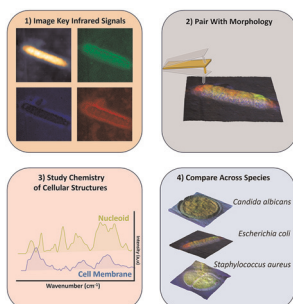
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Cong Liu, Xia Gong, Xiao Yang, Zipei Yu, Weihao Li, Guangyi Liao, Chuanquan Lin,* Lelun Jiang* and Changqing Yi*

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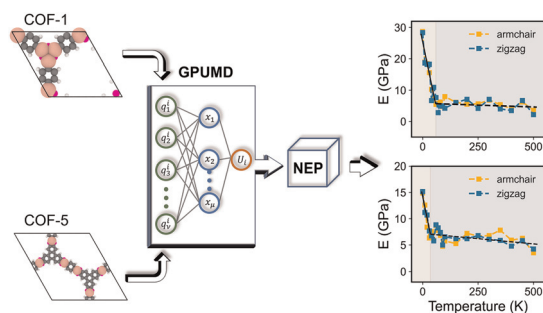
Photoinduced force microscopy as a novel method for the study of microbial nanostructures

Josh Davies-Jones,* Philip R. Davies,* Arthur Graf, Dan Hewes, Katja E. Hill and Michael Pascoe



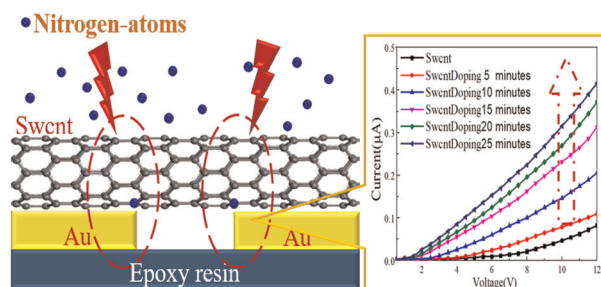
Bing Wang, Penghua Ying and Jin Zhang*

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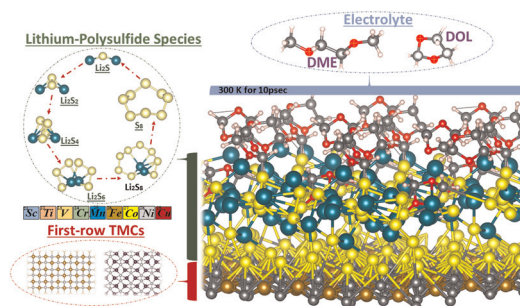
Theoretical and experimental investigations of enhanced carbon nanotube-gold interface conductivity through nitrogen doping

Rui Miao, Yujian Liang, Ruolan Wen, Zhenhong Jiang,
Yue Wang and Qingyi Shao*



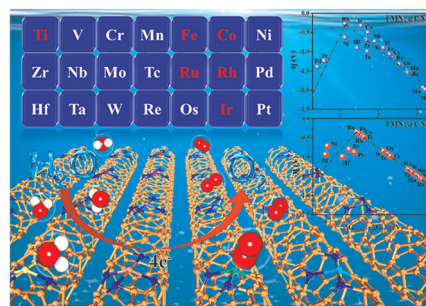
First-row transition metal carbide nanosheets as high-performance cathode materials for lithium–sulfur batteries

Imran Muhammad, Shehzad Ahmed, Zhen Yao,
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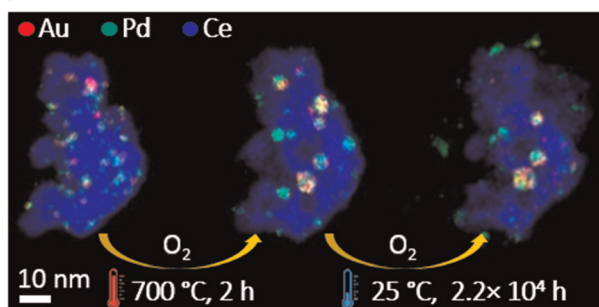


Realizing a high OER activity in new single-atom catalysts formed by introducing TMN_x (x = 3 and 4) units into carbon nanotubes using high-throughput calculations

Xia Yang, Guangtao Yu* and Wei Chen*



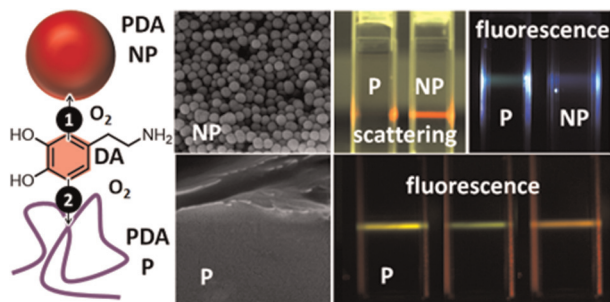
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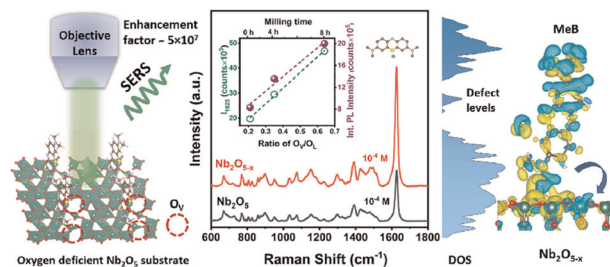
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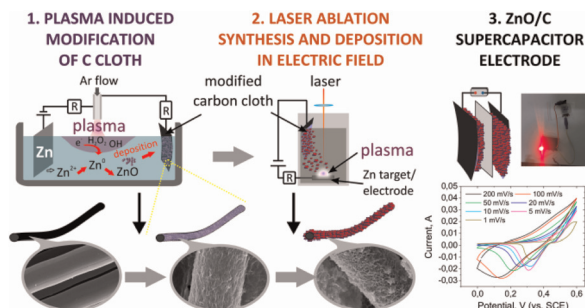
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Natalie N. Tarasenko,* Vladislav G. Kornev, Mikhail I. Nedelko, Hanna M. Maltanova, Sergey K. Poznyak and Nikolai V. Tarasenko

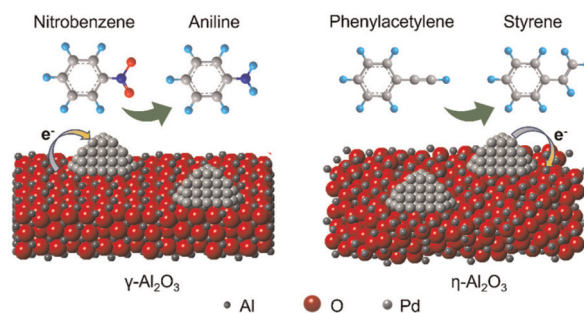


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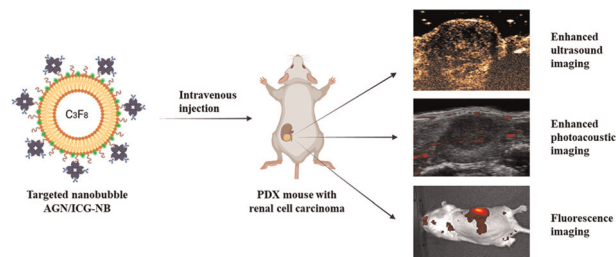
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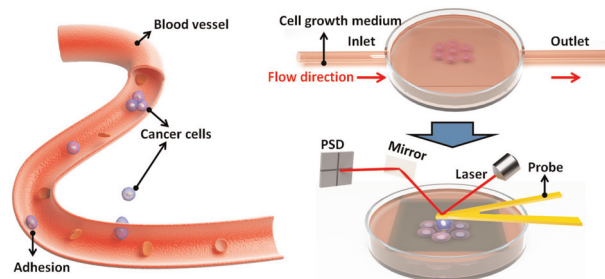
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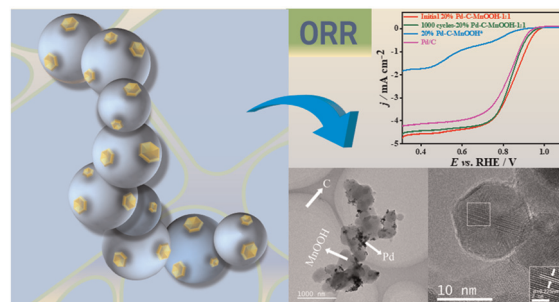
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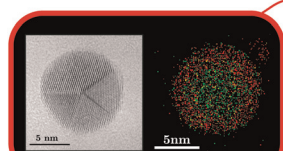
Zheng Cheng, Wei Cheng, Xin-Ning Lin, Rong-Hua Zhang,* Luo-Yi Yan, Gui-Xian Tian, Xiao-Yu Shen and Xin-Wen Zhou*



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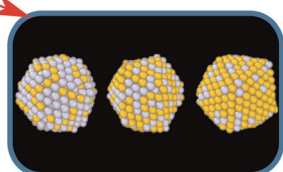
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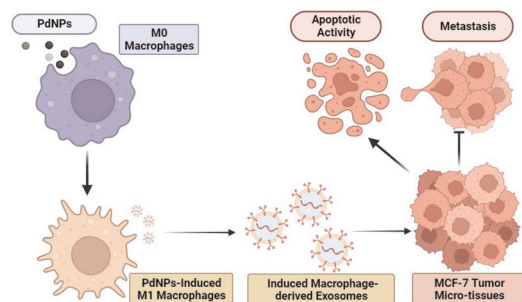


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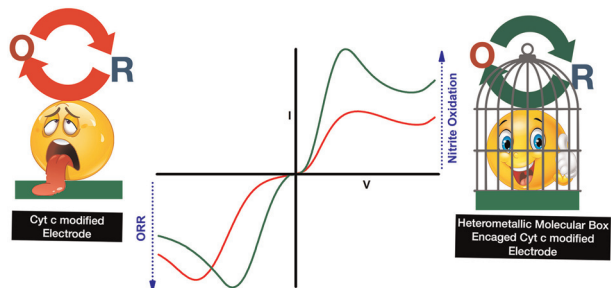
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Manipulating macrophage polarization with nanoparticles to control metastatic behavior in heterotypic breast cancer micro-tissues via exosome signaling

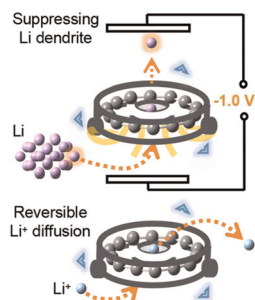
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Using a cyclocarbon additive as a cyclone separator to achieve fast lithiation and delithiation without dendrite growth in lithium-ion batteries

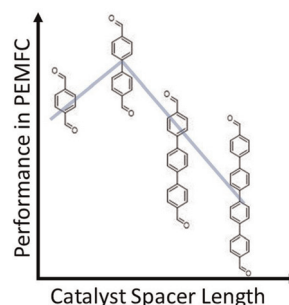
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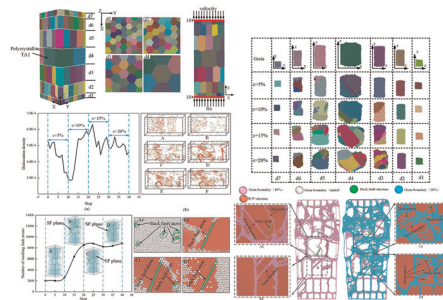
Yeela Persky, Yan Yurko, Rifaël Z. Snitkoff-Sol, Noam Zion and Lior Elbaz*



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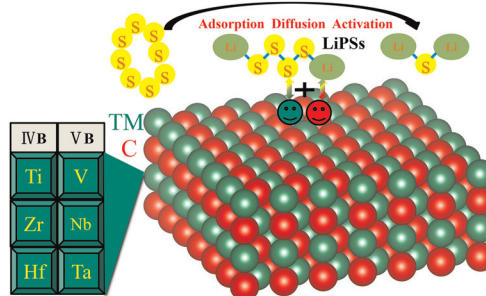
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