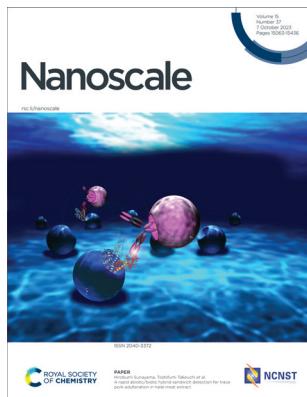


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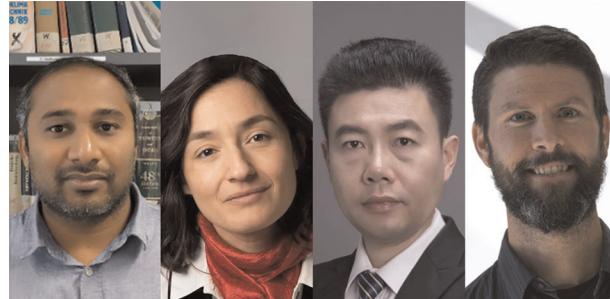
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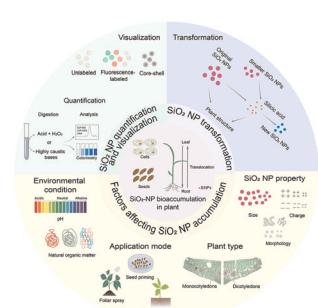


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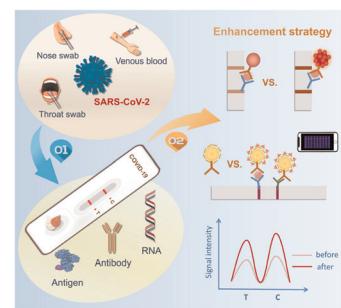
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Immunochemical enhancement strategy for SARS-CoV-2 detection based on nanotechnology

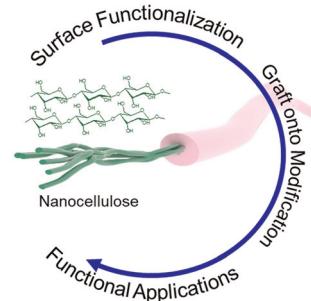
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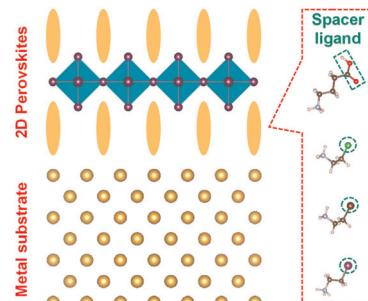


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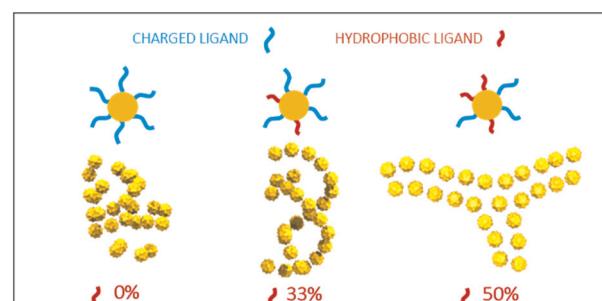
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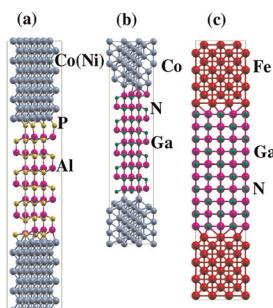
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Enrico Lavagna, Sebastian Salassi, Davide Bochicchio and Giulia Rossi*



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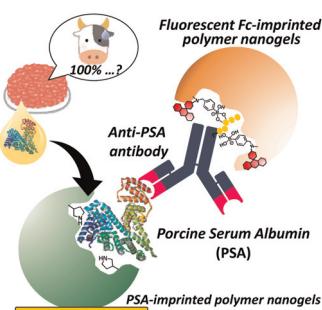


Potential of AlP and GaN as barriers in magnetic tunnel junctions

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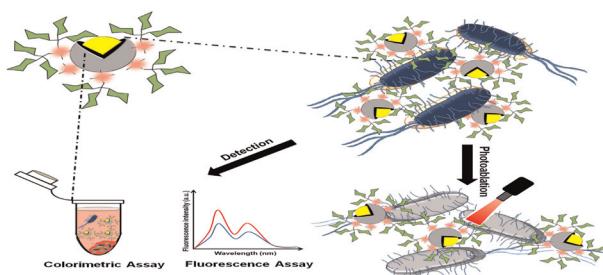
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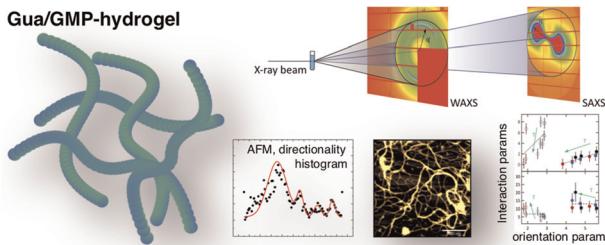
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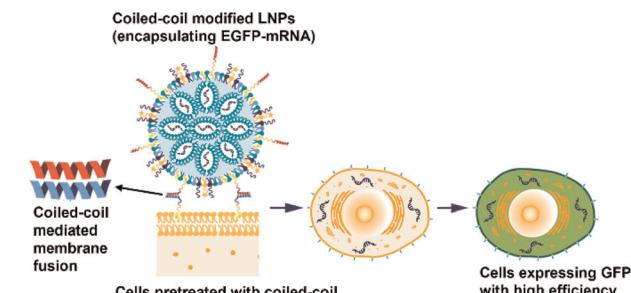


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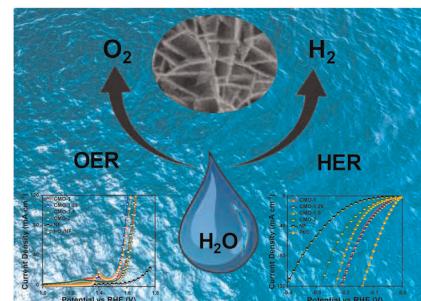
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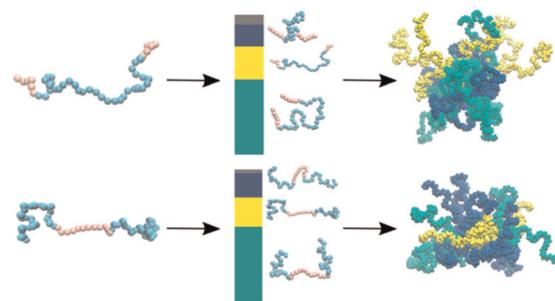
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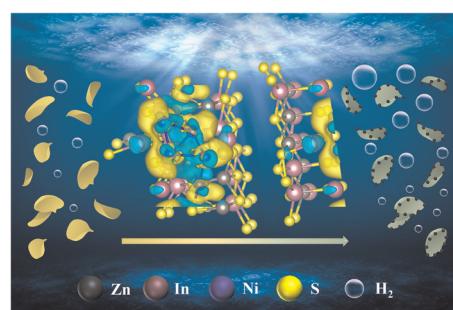
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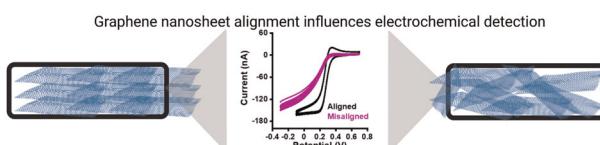
Interfacial electron modulation of 2D nanopetal $ZnIn_2S_4$ with edge-decorated Ni clusters for accelerated photocatalytic H_2 evolution

Nan Zhang, Gang Li,* Zhichao Yu, Zhenguo Tang, Xiaoyan Liu, Congwei Wang* and Kaiying Wang*



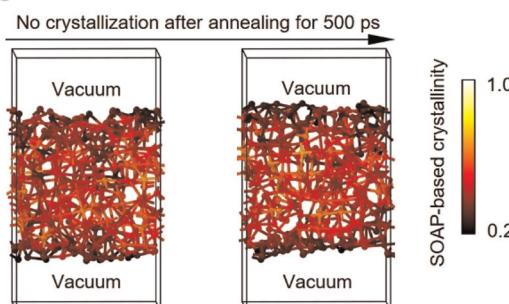
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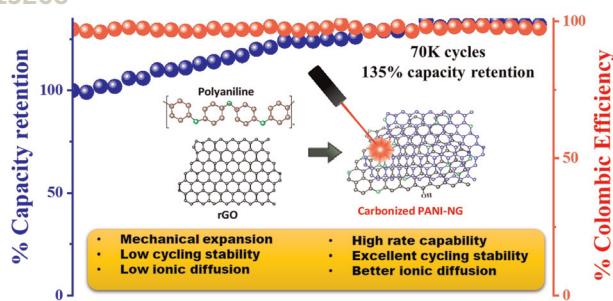
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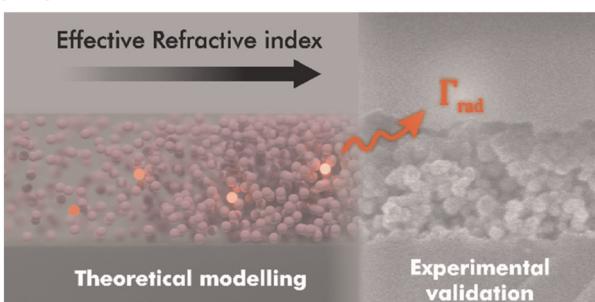
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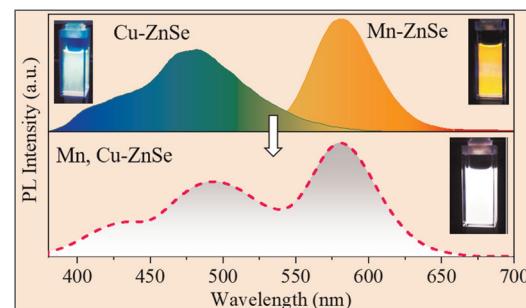


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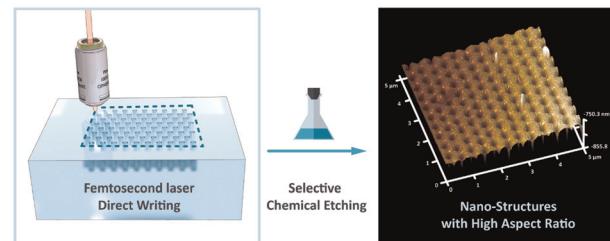
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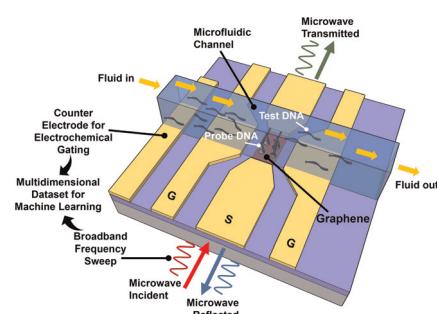
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Electrochemically-gated graphene broadband microwave waveguides for ultrasensitive biosensing

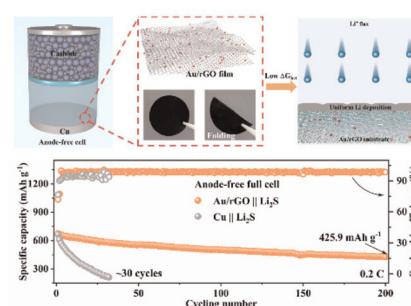
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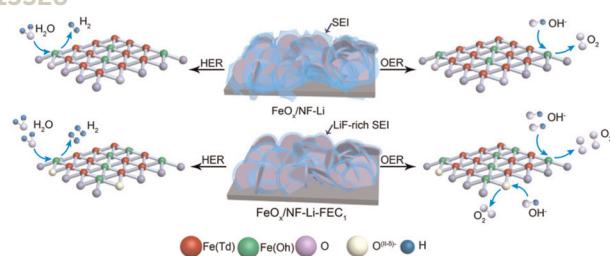
Scalable fabrication of ultra-fine lithiophilic nanoparticles encapsulated in soft buffered hosts for long-life anode-free Li_2S -based cells

Bo Zhou, Ting Li, Anjun Hu,* Baihai Li, Runjing Li, Chuan Zhao, Nian Chen,* Miao He, Jing Liu and Jianping Long*



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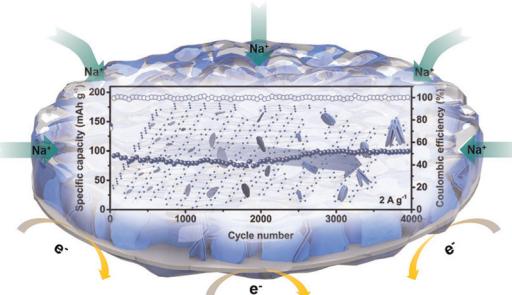
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Electrolyte modification method induced atomic arrangement in FeO_x/NF nanosheets for efficient overall water splitting

Xiaoping Zhang,* Xiaonan Fu, Weifeng Tian, Yanzhi Bai, Liya Zhu* and Junwen Si

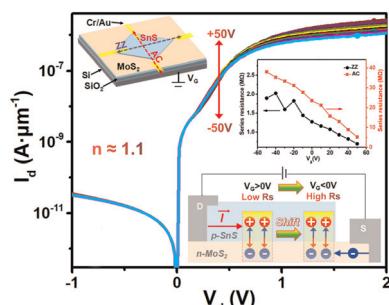
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Synchronous embedded growth of Mo_2C nanodisk arrays immobilized on porous carbon nanosheets for ultra-stable sodium storage

Minyu Jia, Jingxuan Wei, Yamin Zhang, Linrui Hou, Jinfeng Sun* and Changzhou Yuan*

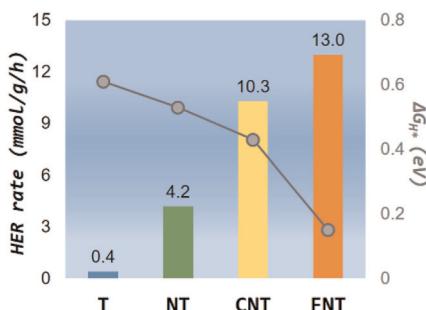
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Synergistic material modification-induced optimization of interfacial charge transfer and surface hydrogen adsorption

Mingyan Du, Lingling Cui, Panpan Wang, Chunyao Niu,* Young Soo Kang and Xiao Li Zhang*

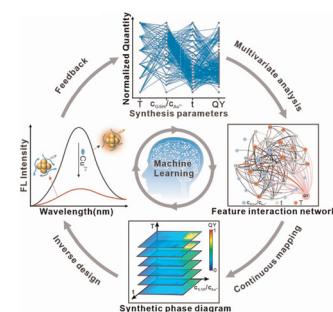


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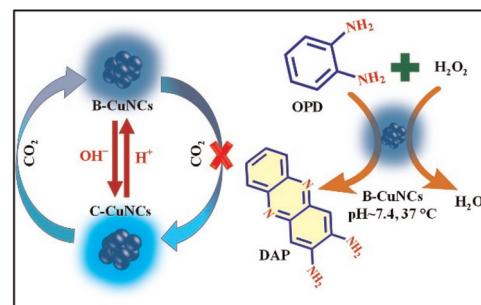
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pH-Switchable phenylalanine-templated copper nanoclusters: CO₂ probing and efficient peroxidase mimicking activity

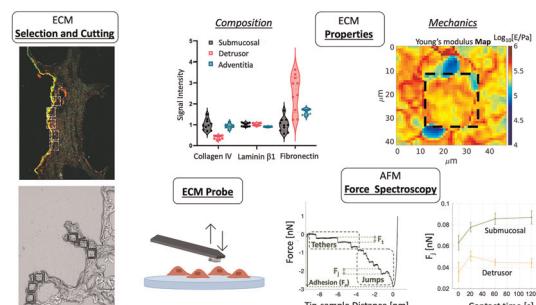
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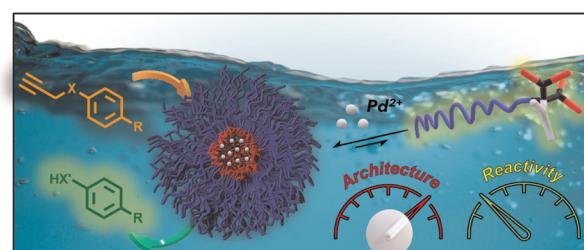
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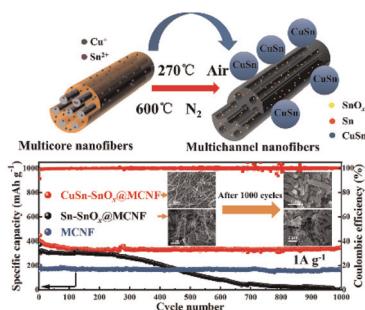
Polymeric architecture as a tool for controlling the reactivity of palladium(II) loaded nanoreactors

Shreyas S. Wagle, Parul Rathee, Krishna Vippala, Shahar Tevet, Alexander Gordin, Roman Dobrovetsky and Roey J. Amir*



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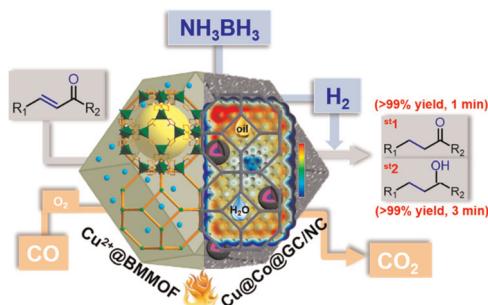
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Hybrid CuSn nanosphere-functionalized Cu/Sn co-doped hollow carbon nanofibers as anode materials for sodium-ion batteries

Xuwu Xiao, Wenli Yao,* Tingting Yan, Wenyao Zhang, Qian Zhang, Shengwen Zhong and Zhengquan Yan*

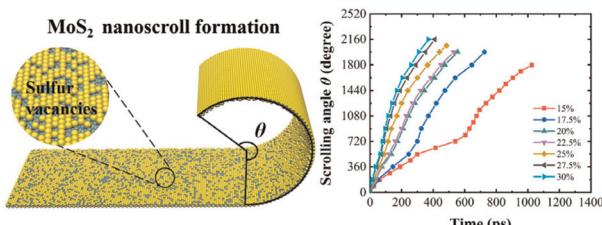
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Cu²⁺@metal-organic framework-derived amphiphilic sandwich catalysts for enhanced hydrogenation selectivity of ketenes at the oil-water interface

Jia-Lu Sun, Feng-Di Ren, Yu-Zhen Chen* and Zhibo Li*

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