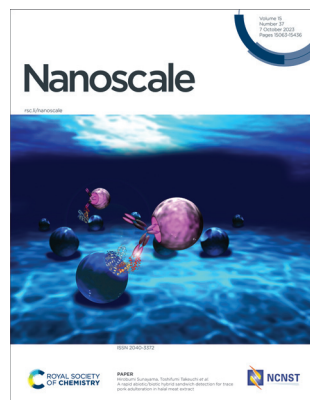


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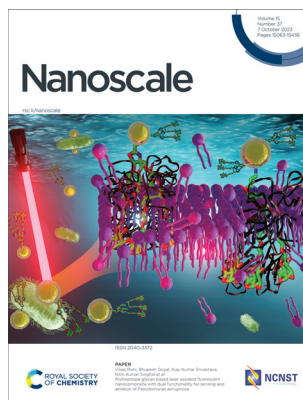
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See Hirobumi Sunayama, Toshifumi Takeuchi *et al.*, pp. 15171–15178.

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See Vikas Rishi, Bhupesh Goyal, Ajay Kumar Srivastava, Nitin Kumar Singhal *et al.*, pp. 15179–15195.

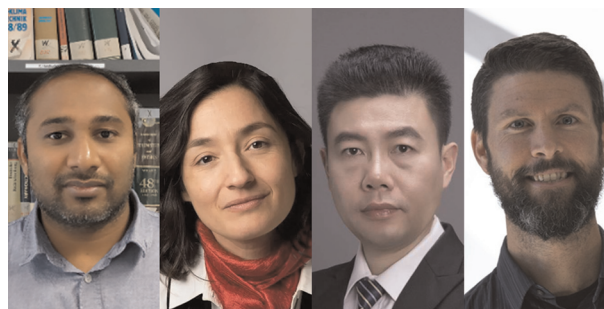
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Introduction to halide perovskite optoelectronics

Lakshminarayana Polavarapu, Maria Antonietta Loi, Haibo Zeng and Joseph M. Luther

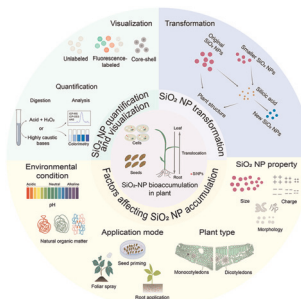


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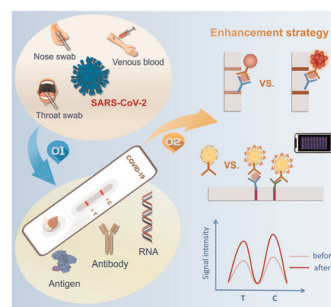


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Immunochromatographic enhancement strategy for SARS-CoV-2 detection based on nanotechnology

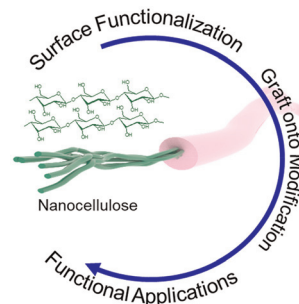
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Chandravati Yadav, Jeong-Min Lee, Paritosh Mohanty, Xinping Li and Woo-Dong Jang*

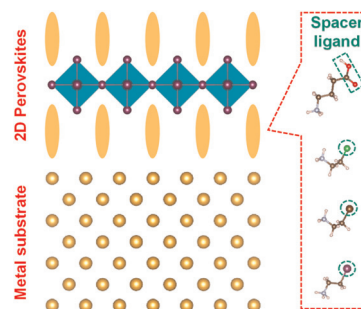


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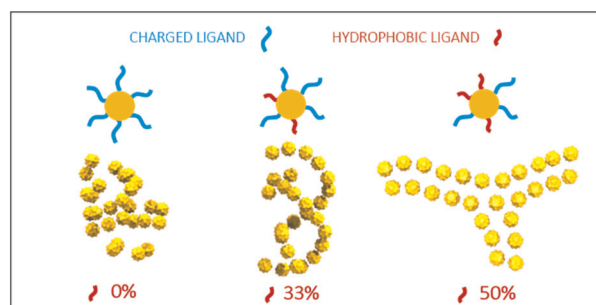
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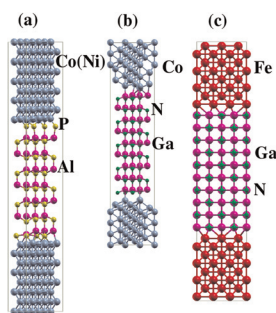
Dumbbells, chains, and ribbons: anisotropic self-assembly of isotropic nanoparticles

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



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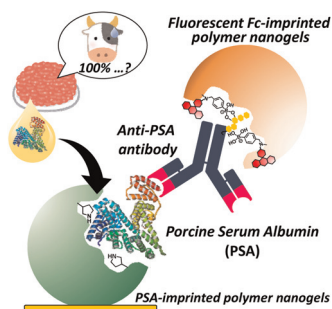


Potential of AlP and GaN as barriers in magnetic tunnel junctions

Gokaran Shukla,* Hasan M. Abdullah and Udo Schwingenschlög*

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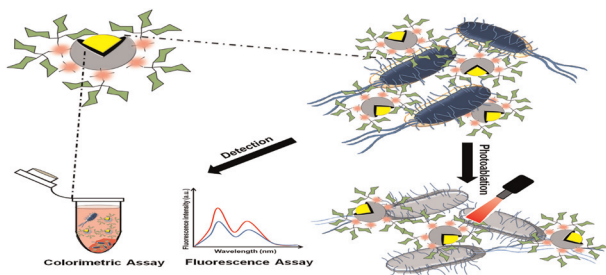
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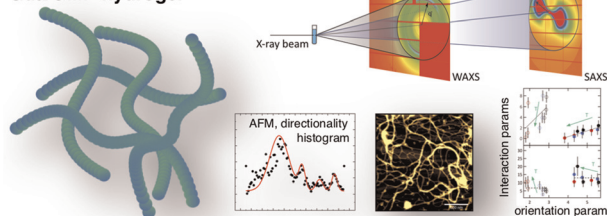


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Self-oriented anisotropic structure of G-hydrogels as a delicate balance between attractive and repulsive forces

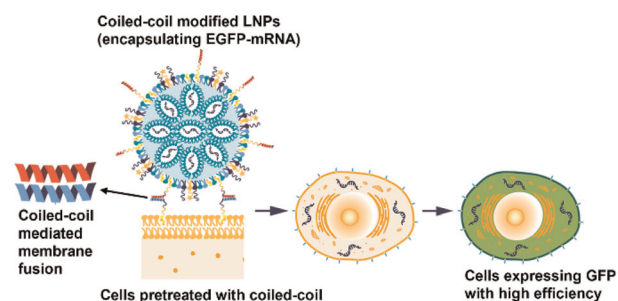
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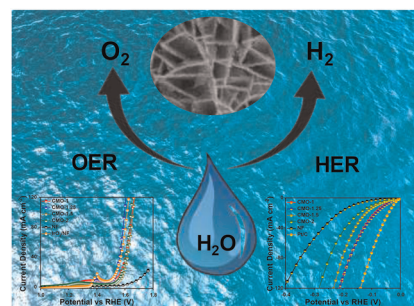
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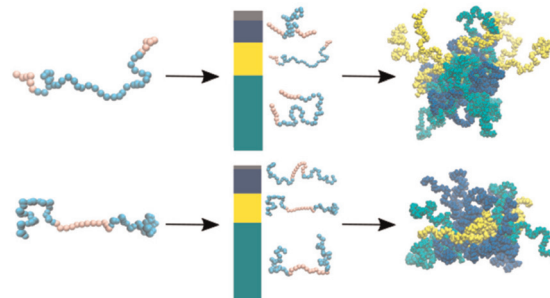
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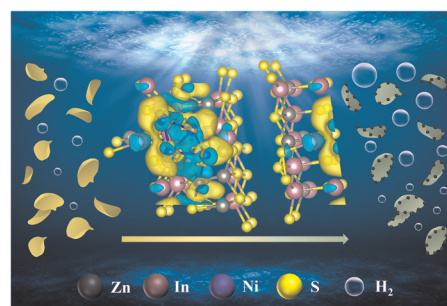
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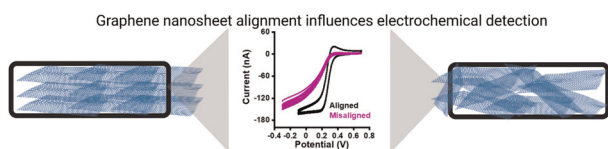
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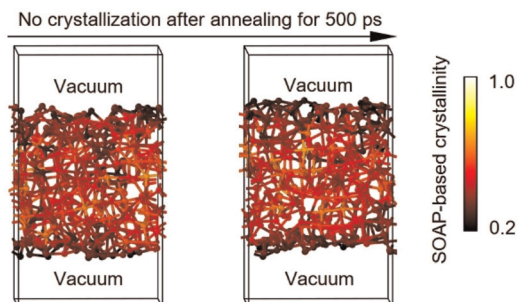
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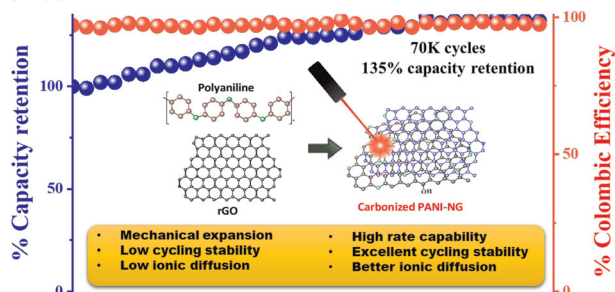
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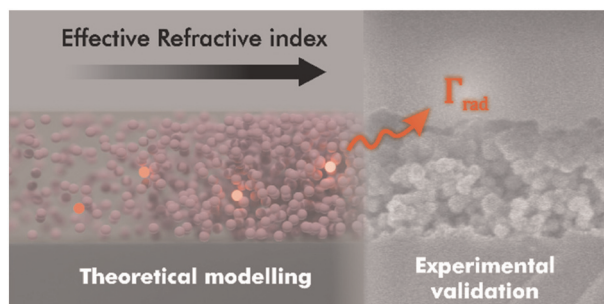
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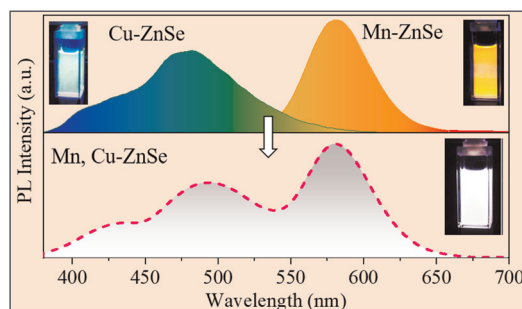


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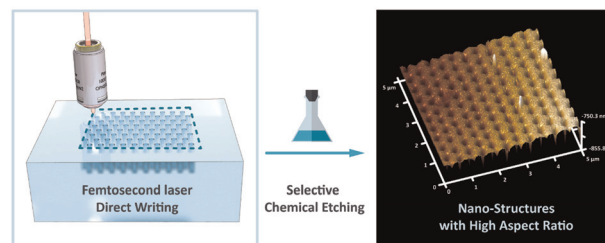
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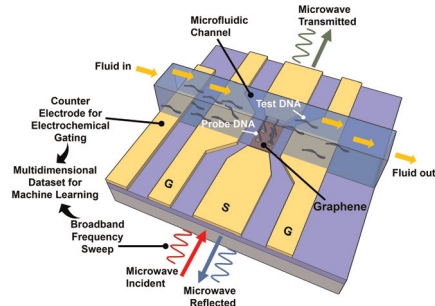
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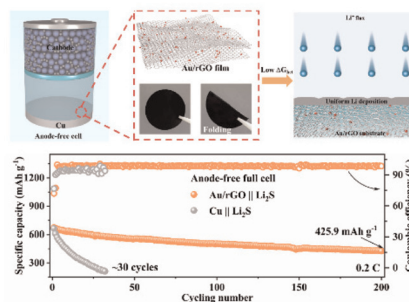
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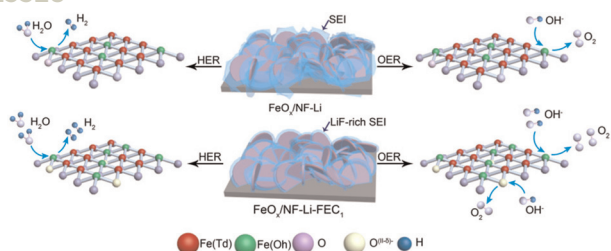
Scalable fabrication of ultra-fine lithiophilic nanoparticles encapsulated in soft buffered hosts for long-life anode-free Li₂S-based cells

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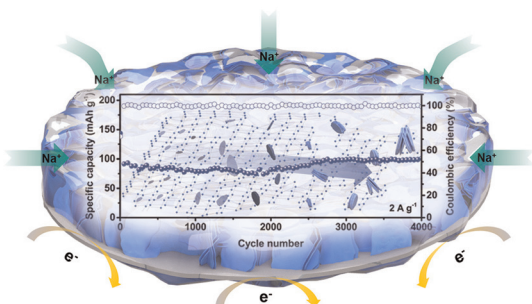
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Electrolyte modification method induced atomic arrangement in FeO_x/NF nanosheets for efficient overall water splitting

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

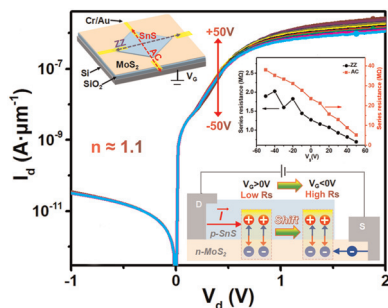
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Synchronous embedded growth of Mo₂C nanodisk arrays immobilized on porous carbon nanosheets for ultra-stable sodium storage

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

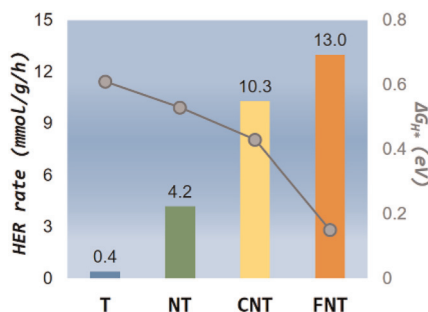
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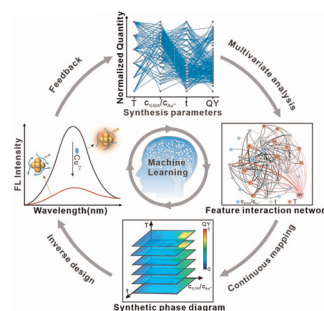
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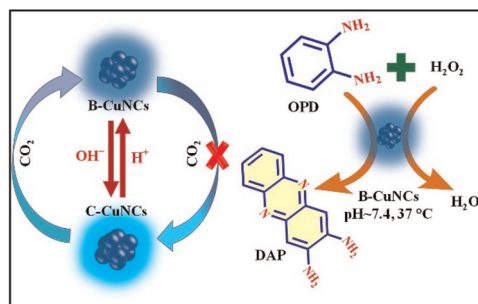
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pH-Switchable phenylalanine-templated copper nanoclusters: CO₂ probing and efficient peroxidase mimicking activity

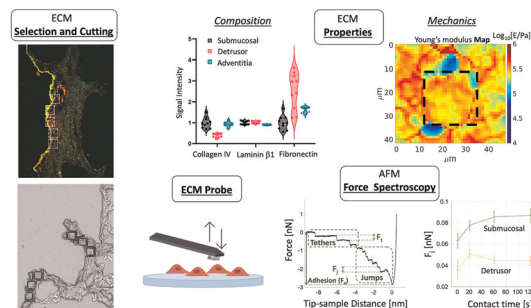
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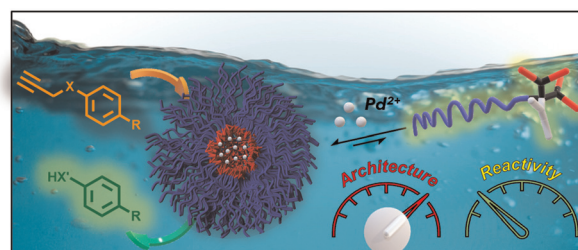
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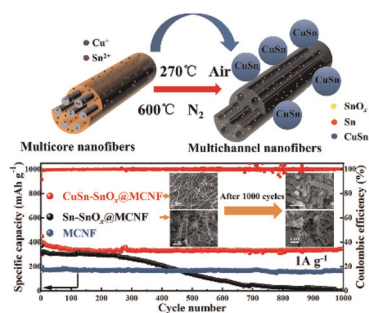
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Polymeric architecture as a tool for controlling the reactivity of palladium(II) loaded nanoreactors

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



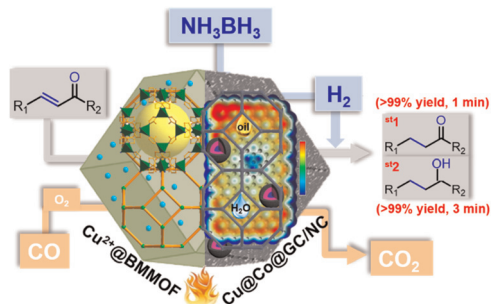
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Hybrid CuSn nanosphere-functionalized Cu/Sn co-doped hollow carbon nanofibers as anode materials for sodium-ion batteries

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

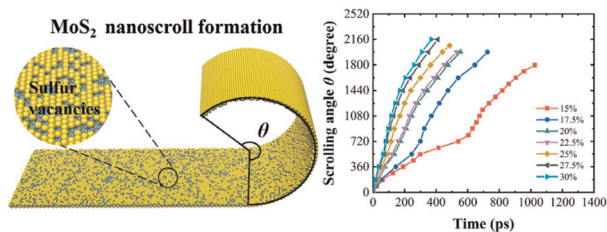
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Cu²⁺@metal-organic framework-derived amphiphilic sandwich catalysts for enhanced hydrogenation selectivity of ketenes at the oil-water interface

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

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Spontaneous formation of MoS₂ nanoscrolls from flat monolayers with sulfur vacancies: a molecular dynamics investigation

Ruhao Yang, Han Ye,* Naizhang Sun and Wenjun Liu

