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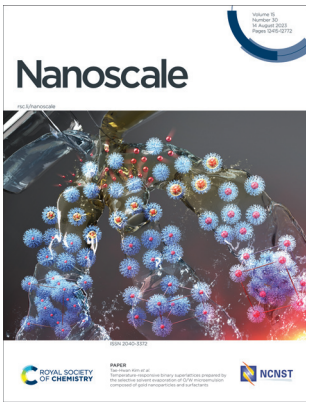

Cover
See Tae-Hwan Kim *et al.*, pp. 12481–12491.

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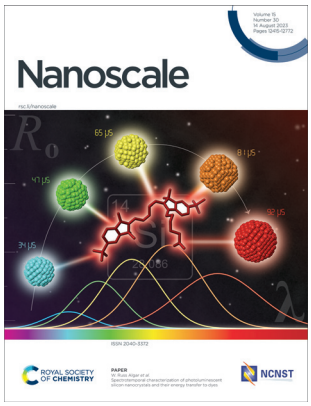

Inside cover
See W. Russ Algar *et al.*, pp. 12492–12505.

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2023 Emerging Investigators

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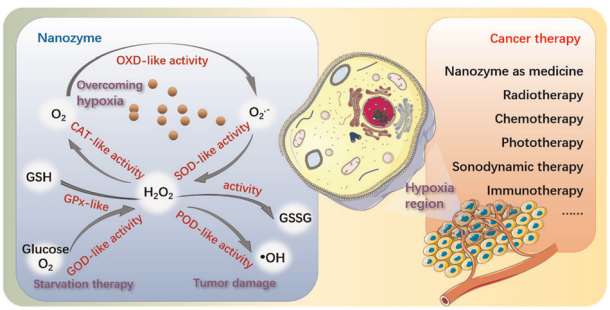

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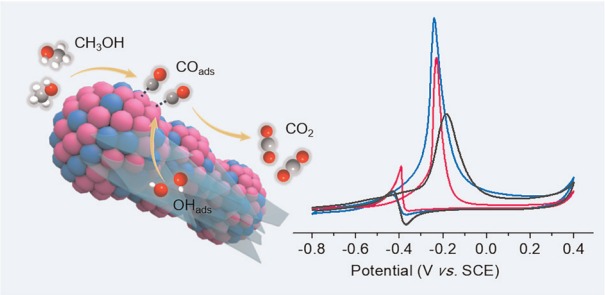

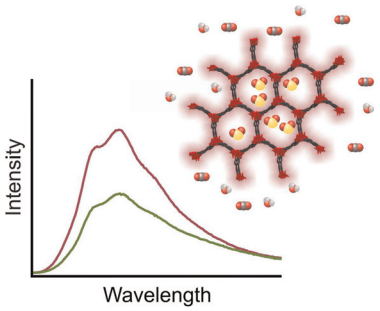

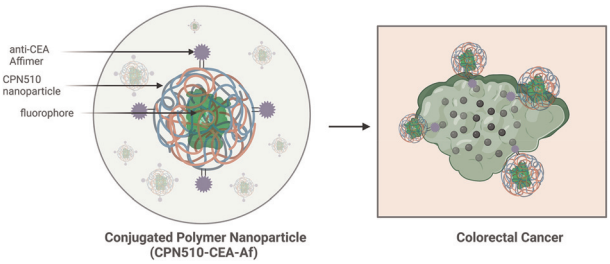

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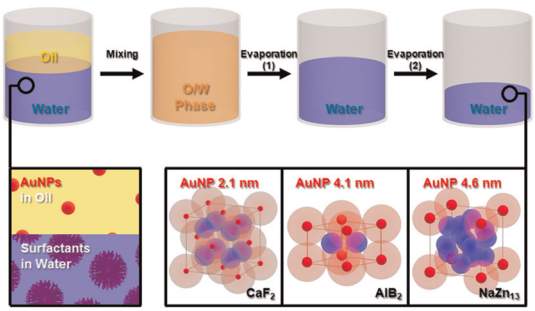

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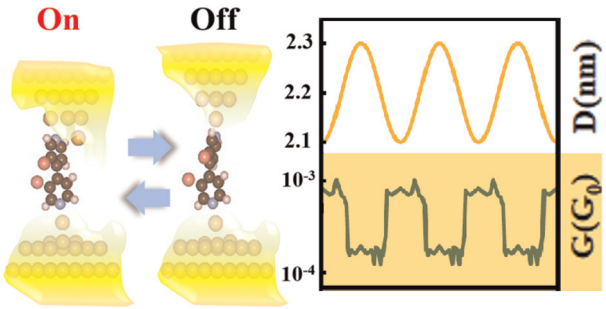
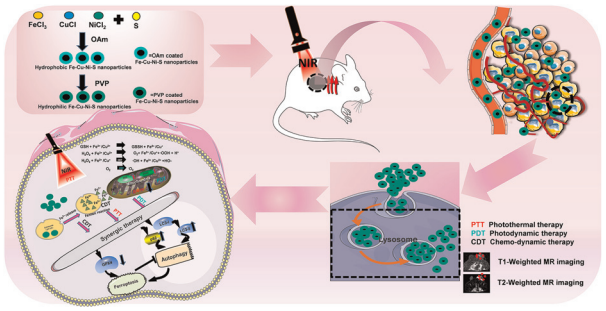


Decoding the mechanical conductance switching behaviors of dipyridyl molecular junctions

Feng Sun, Lin Liu, Chang-Feng Zheng, Yu-Chen Li, Yan Yan, Xiao-Xiao Fu, Chuan-Kui Wang, Ran Liu,* Bingqian Xu* and Zong-Liang Li*

12598



An ultrasmall PVP–Fe–Cu–Ni–S nano-agent for synergistic cancer therapy through triggering ferroptosis and autophagy

Rongjun Zhang, Shuxiang Xu, Miaomiao Yuan,* Lihao Guo, Luoyijun Xie, Yingying Liao, Yang Xu* and Xuemei Fu*

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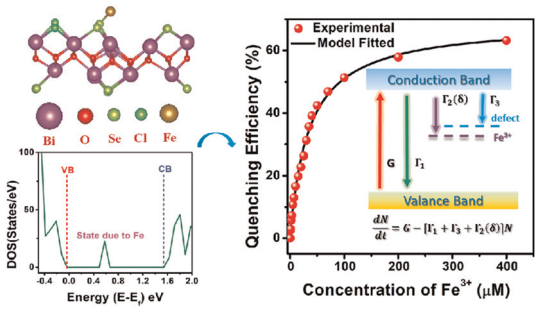

Two-dimensional bismuth oxyselenide quantum dots as nanosensors for selective metal ion detection over a wide dynamic range: sensing mechanism and selectivity

Sumana Paul, Sanju Nandi, Mandira Das, Abhilasha Bora, Md Tarik Hossain, Subhradip Ghosh and P. K. Giri*

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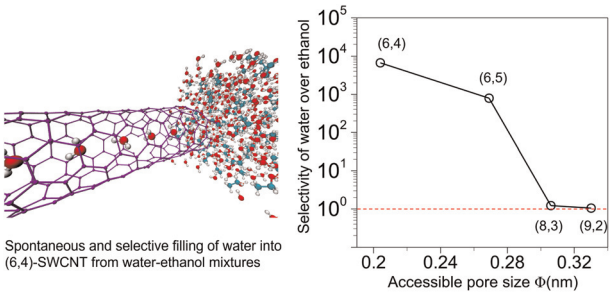

Spontaneous sieving of water from ethanol using angstrom-sized nanopores

Archith Rayabharam, Haoran Qu, YuHuang Wang* and N. R. Aluru*

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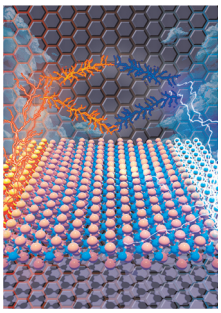

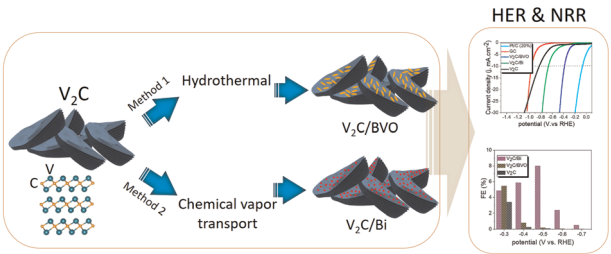

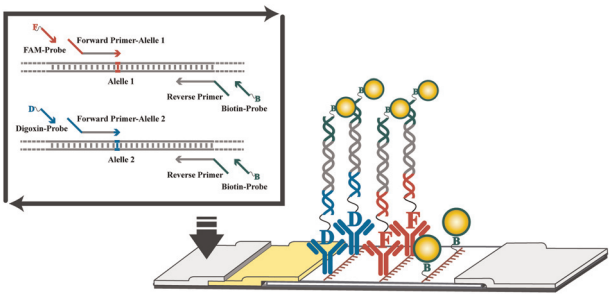

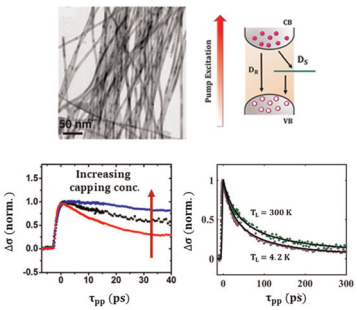

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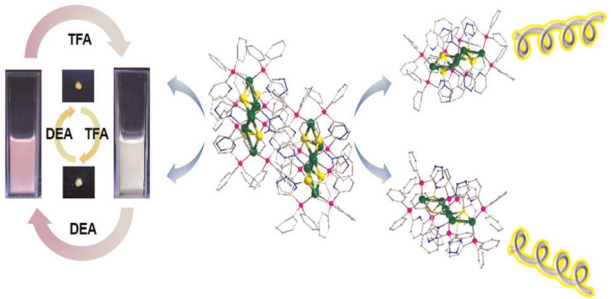

Atomically precise chiral silver clusters based on non-chiral ligands for acid/base stimulated luminescence response

Shuaibo Wang, Weimiao He, Yujia Cui, Zhan Zhou,* Lufang Ma and Shuang-Quan Zang*

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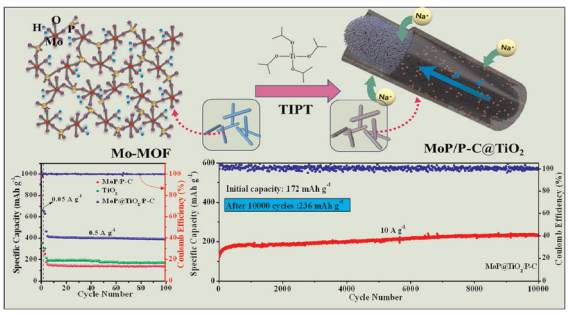

TiO_2-coated MoP/phosphorus doped carbon nanorods for ultralong-life sodium ion batteries with high capacity

Chunmei Tan, Yiran Li, Wei He, Zhanzhan Wang, Xiaoyu Liu, Yanjuan Li* and Xiao Yan*

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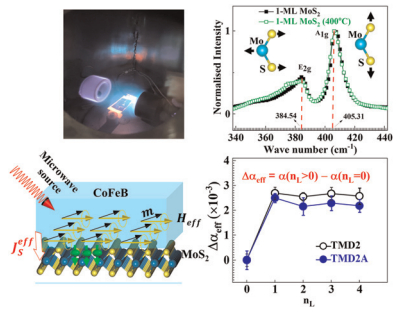

High temperature stability in few atomic layer MoS_2 based thin film heterostructures: structural, static and dynamic magnetization properties

Nanhe Kumar Gupta, Amar Kumar, Lalit Pandey, Soumyarup Hait, Vineet Barwal, Amir Khan, Vireshwar Mishra, Nikita Sharma, Nakul Kumar and Sujeet Chaudhary*

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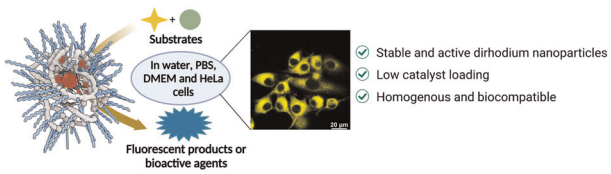

Amphiphilic polymeric nanoparticles enable homogenous rhodium-catalysed NH insertion reactions in living cells

Anjana Sathyan, Tessa Loman, Linlin Deng and Anja R. A. Palmans*

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