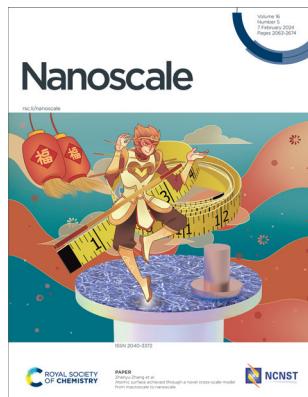


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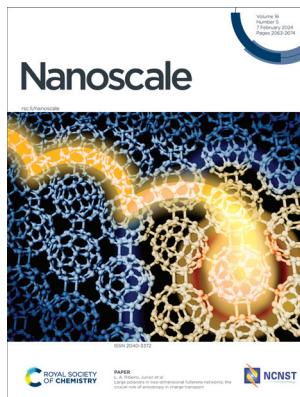
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See Zhenyu Zhang *et al.*, pp. 2318–2336.

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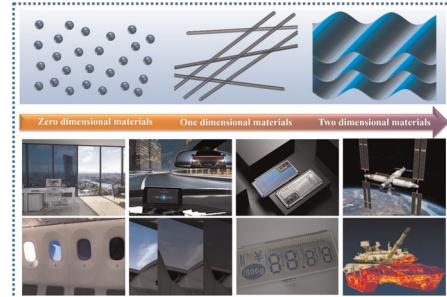
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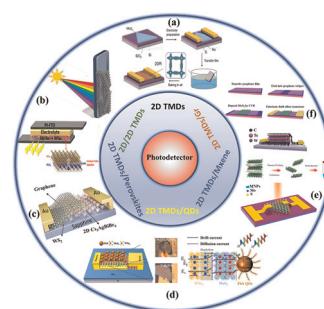
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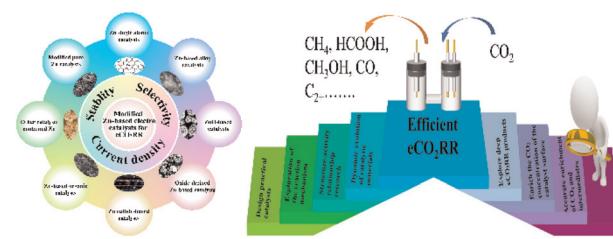
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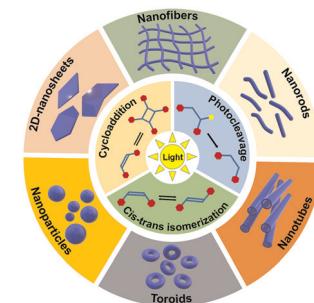
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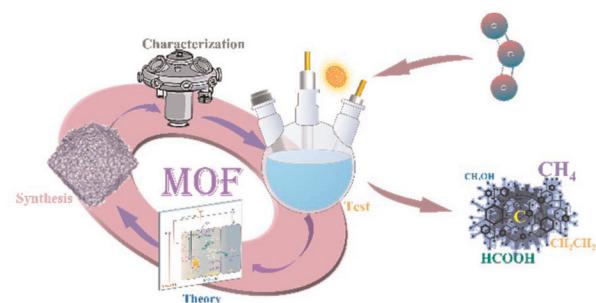
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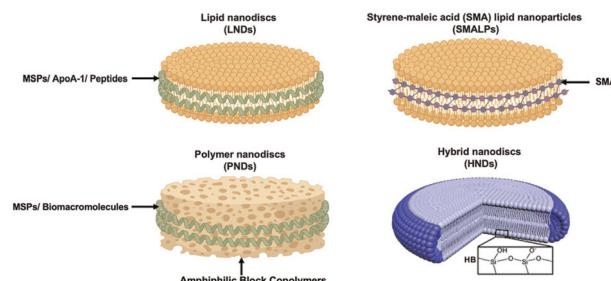


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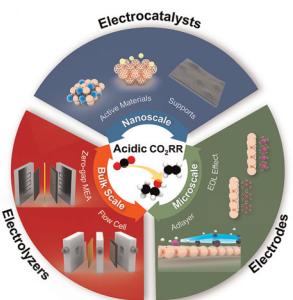
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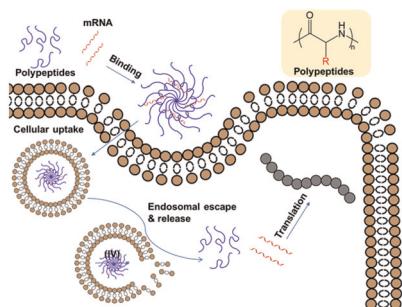
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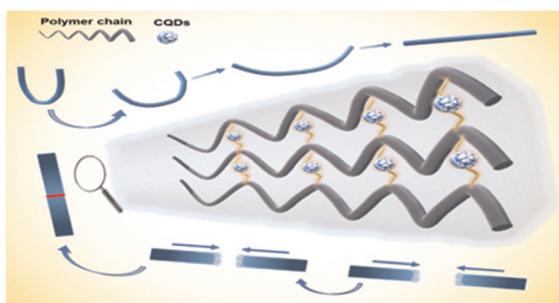
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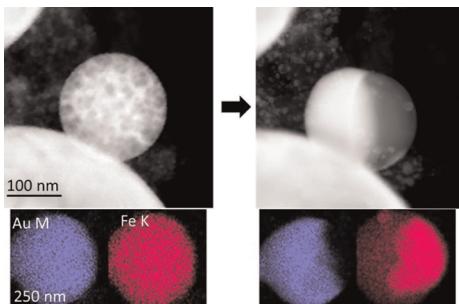
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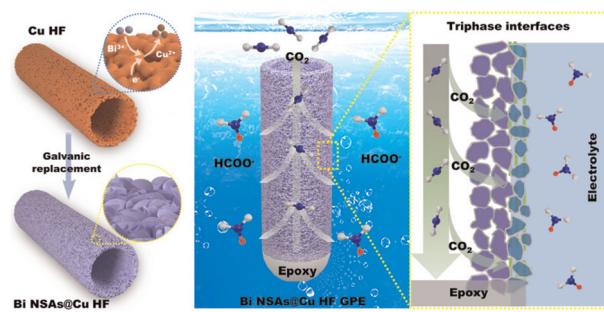


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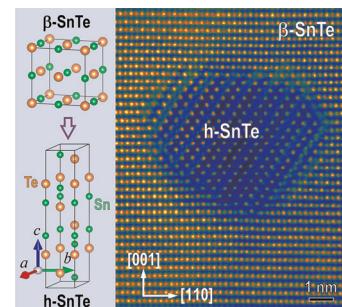
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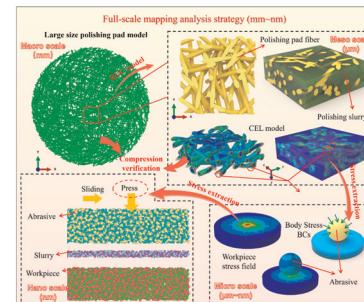


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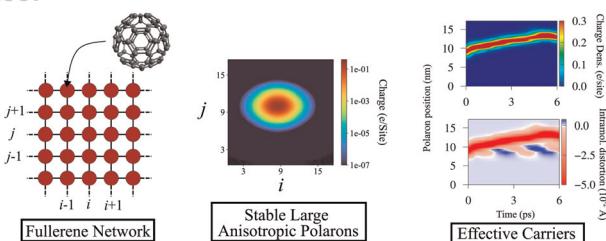
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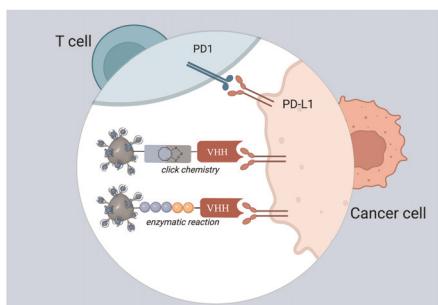
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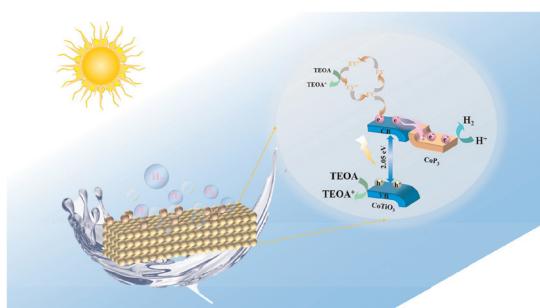
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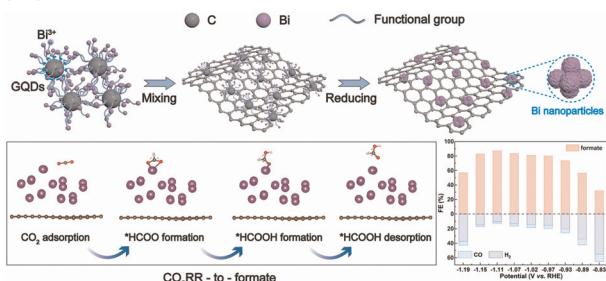
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Self-induced electron attraction center formation with pyrophosphorylation strategy for photocatalytic hydrogen evolution

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Graphene quantum dot-mediated anchoring of highly dispersed bismuth nanoparticles on porous graphene for enhanced electrocatalytic CO_2 reduction to formate

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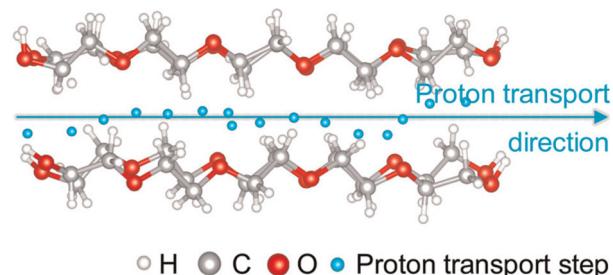


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Fast proton transport enables the magnetic relaxation response of graphene quantum dots for monitoring the oxidative environment *in vivo*

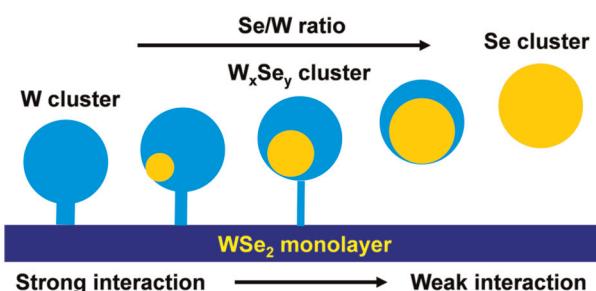
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Atomic insight into the effects of precursor clusters on monolayer WSe₂

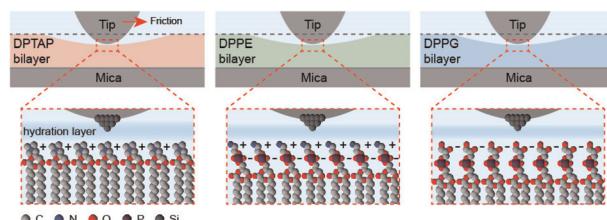
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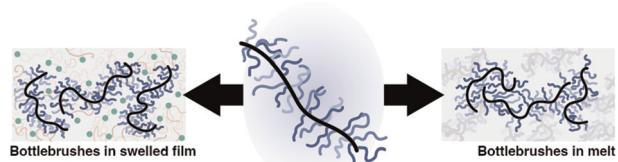


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Investigating the effects of the local environment on bottlebrush conformations using super-resolution microscopy

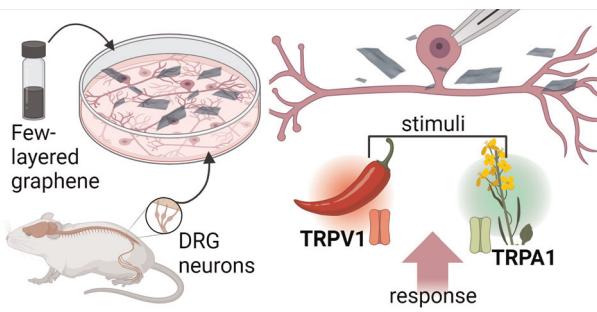
Jonathan M. Chan, Avram C. Kordon and Muzhou Wang*

Environment effects on Bottlebrush Conformation



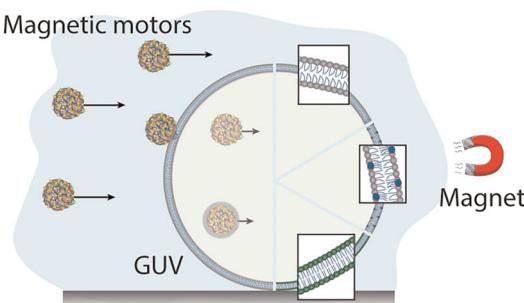
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**Few-layered graphene increases the response of nociceptive neurons to irritant stimuli**

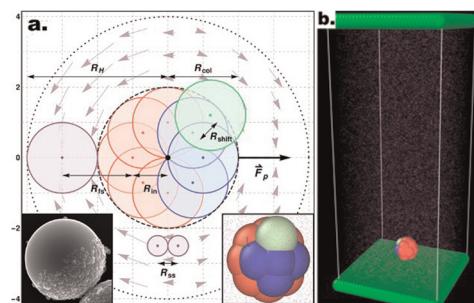
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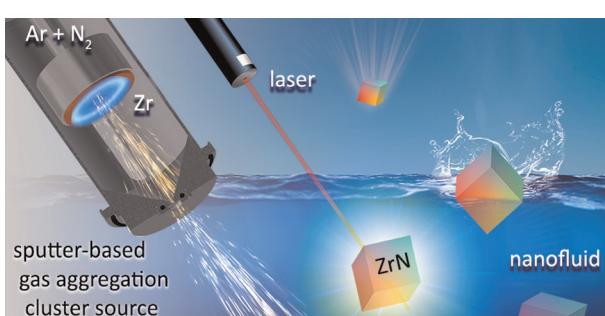
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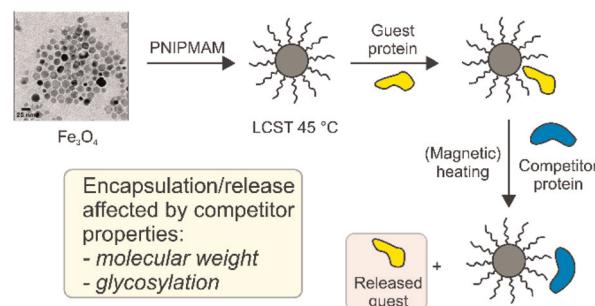


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Functional magnetic nanoparticles for protein delivery applications: understanding protein–nanoparticle interactions

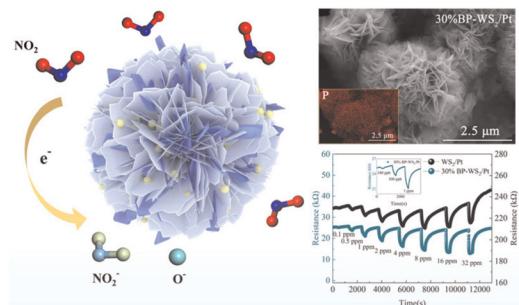
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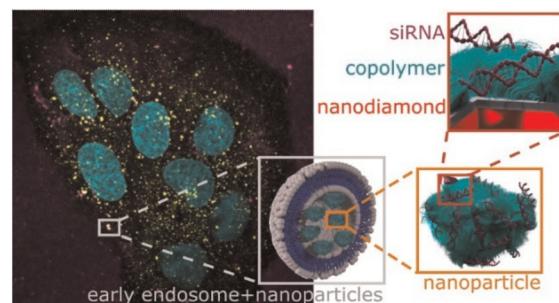
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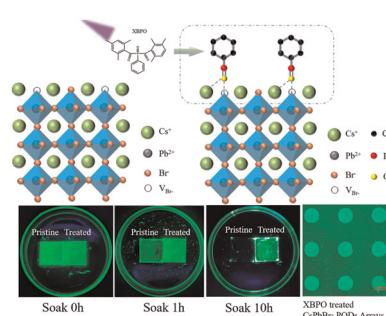
Jan Majer, Marek Kindermann, Dominik Pinkas, David Chvatil, Petr Cigler* and Lenka Libusova*



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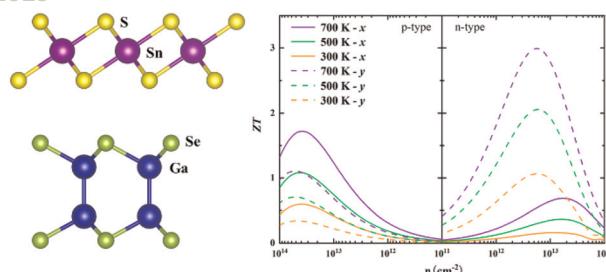
Direct *in situ* photolithography of ultra-stable CsPbBr₃ quantum dot arrays based on crosslinking polymerization

Yanli Wan, Yixing Zhao, Yaling Li, Zhenwei Zhang, Sen Li, Tingfang Tian* and Li Wang*



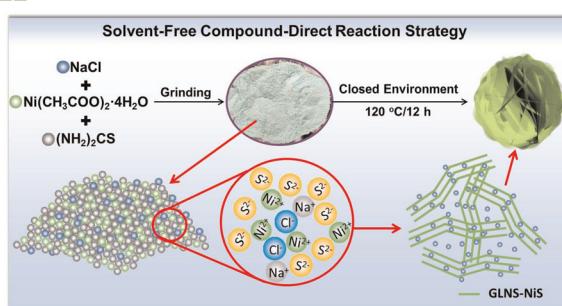
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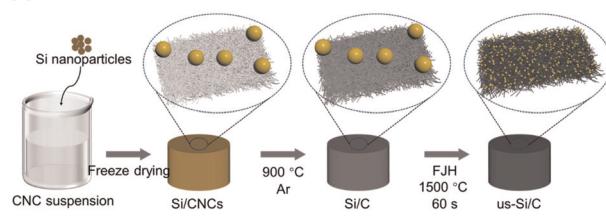
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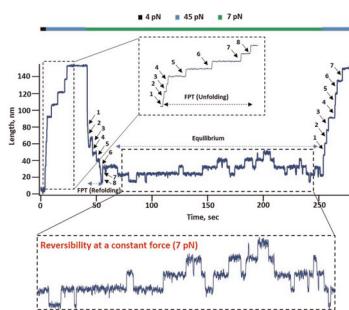
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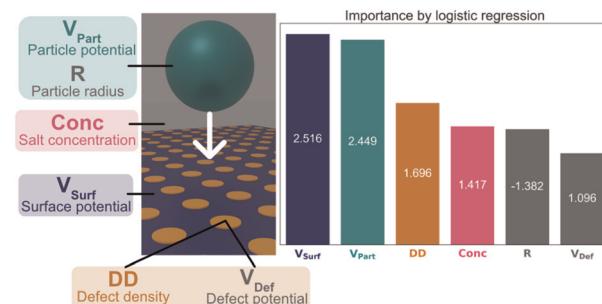


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The multivariate interaction between Au and TiO₂ colloids: the role of surface potential, concentration, and defects

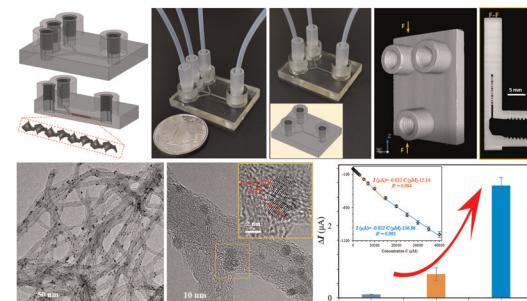
Kinran Lau, Brian Giera, Stephan Barcikowski* and Sven Reichenberger*



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Continuous production of bimetallic nanoparticles on carbon nanotubes based on 3D-printed microfluidics

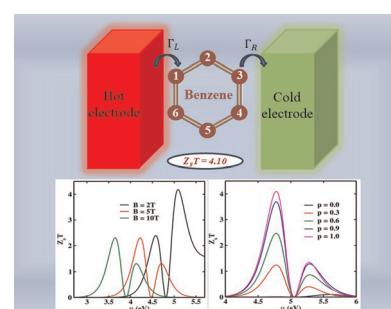
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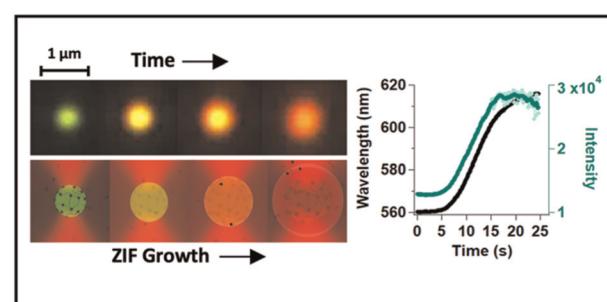
Parbati Senapati and Prakash Parida*



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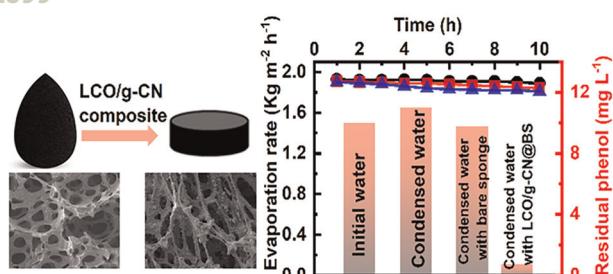
Tunable growth of a single high-density ZIF nanoshell on a gold nanoparticle isolated in an optical trap

Daniel Jackson, Maitreya Rose and Maria Kamenetska*



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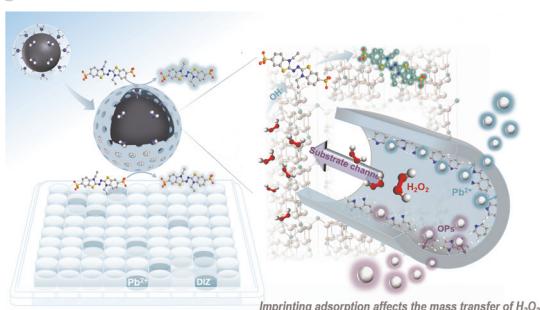
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Super-hydrophilic $\text{LaCoO}_3/\text{g-C}_3\text{N}_4$ nanocomposite coated beauty sponge for solar-driven seawater desalination with simultaneous volatile organic compound removal

Lokesh Kumar Rathore, Parul Garg, Piyush Kumar and Ashok Bera*

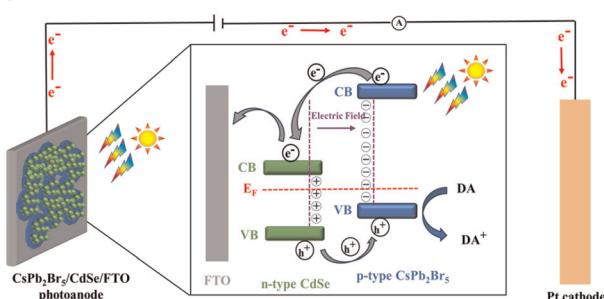
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Multifunctional molecularly imprinted nanozymes with improved enrichment and specificity for organic and inorganic trace compounds

Zhanyi Ge, Yilin Zhao,* Jiayi Li, Zhaobo Si, Wenbo Du and Haijia Su*

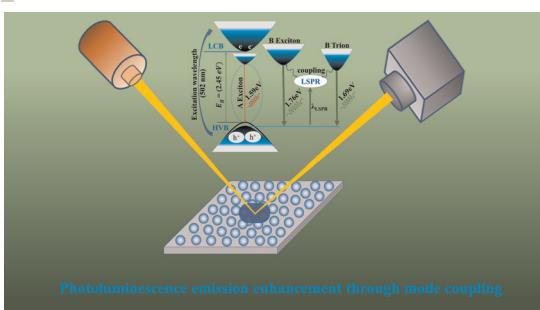
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Water-stable perovskite $\text{CsPb}_2\text{Br}_5/\text{CdSe}$ quantum dot-based photoelectrochemical sensors for the sensitive determination of dopamine

Gang Zhao, Xinhang Sun, Songyuan Li, Jiale Zheng, Junhui Liu* and Mingju Huang*

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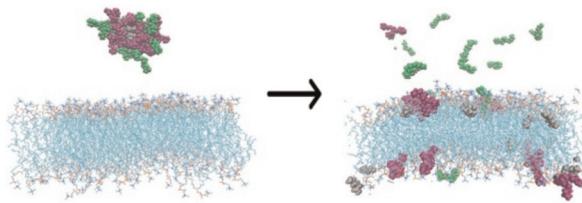


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Digestion of lipid micelles leads to increased membrane permeability

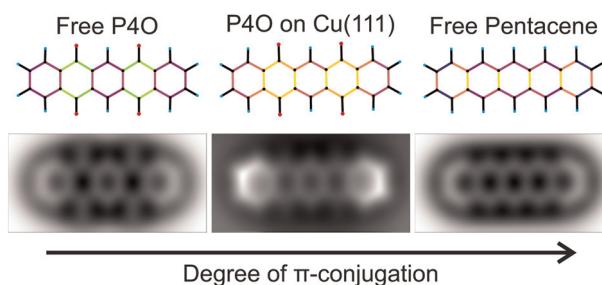
Jun Xie, Demi L. Pink, M. Jayne Lawrence and Christian D. Lorenz*



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X-ray-triggered through-space charge transfer and photochromism in silver nanoclusters

Zhen Ren, Jun-Jun Sun, Long Xu, Peng Luo, Zi-Wei Ma, Si Li, Yu-Bing Si, Xi-Yan Dong* and Fangfang Pan*

