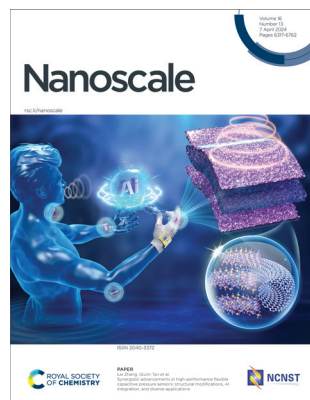


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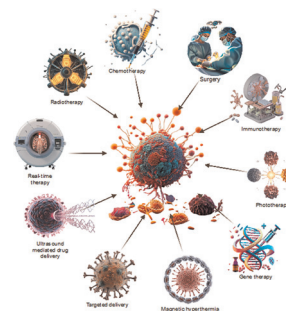
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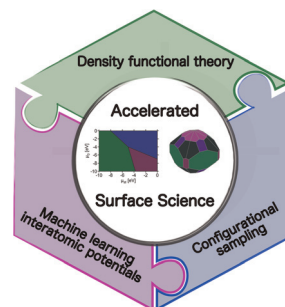


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Accelerating the prediction of inorganic surfaces with machine learning interatomic potentials

Kyle Noordhoek and Christopher J. Bartel*



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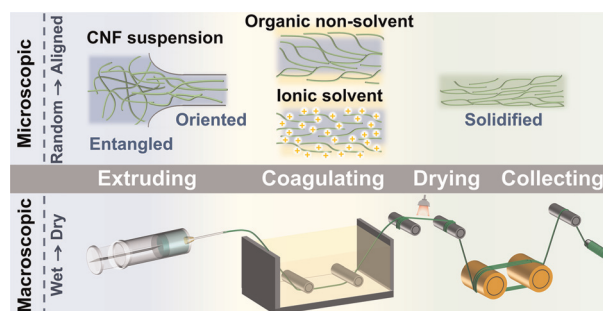


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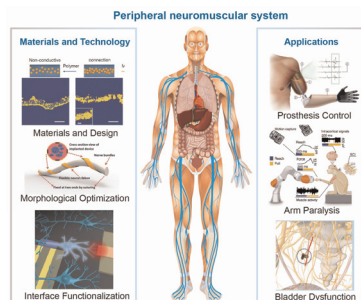
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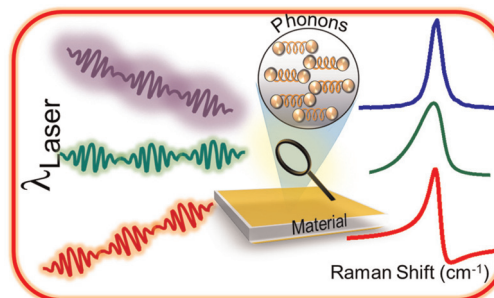
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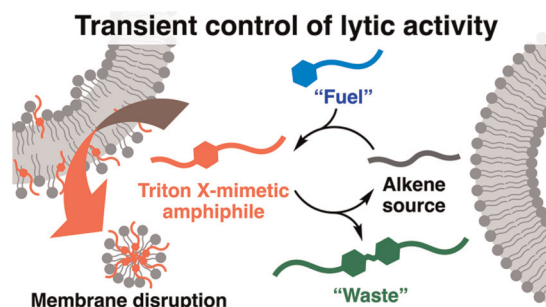


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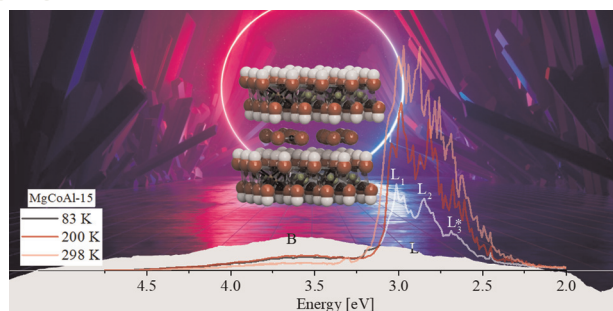
Transient control of lytic activity via a non-equilibrium chemical reaction system

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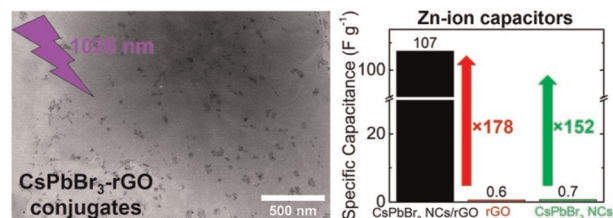
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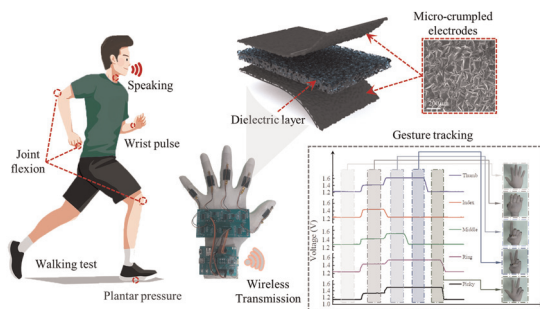


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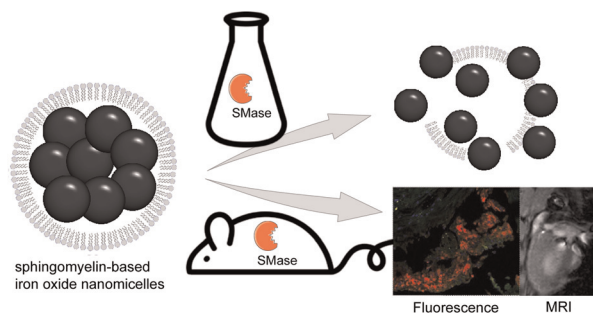
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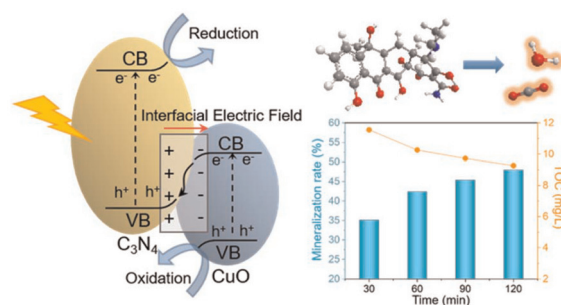


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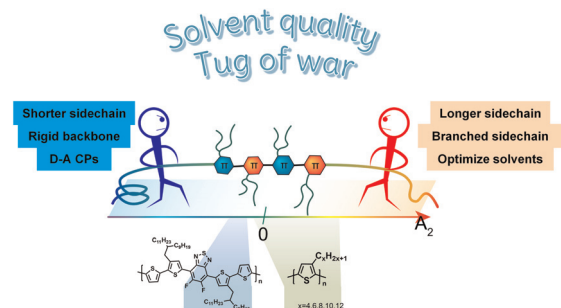
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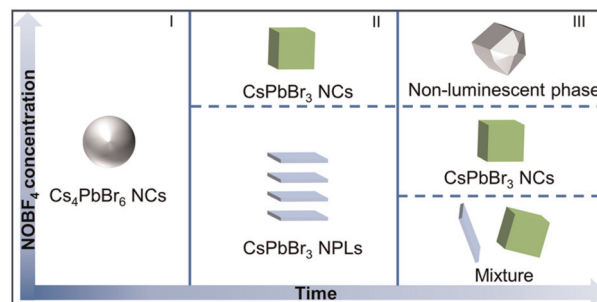
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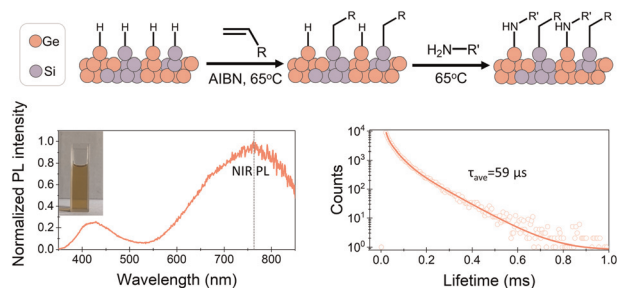
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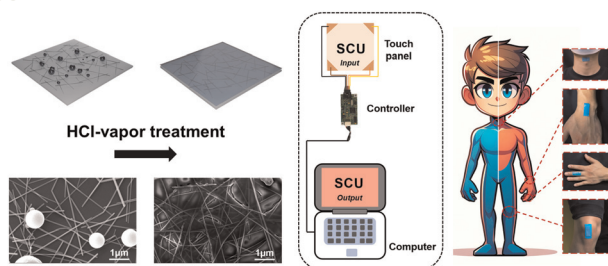
Mixed-ligand-functionalized silicon–germanium alloy nanocrystals with improved carrier mobilities

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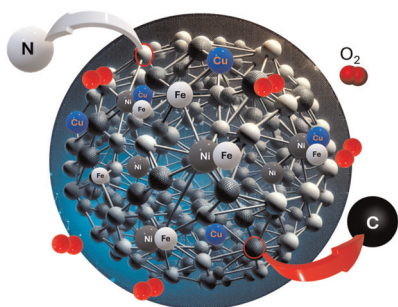
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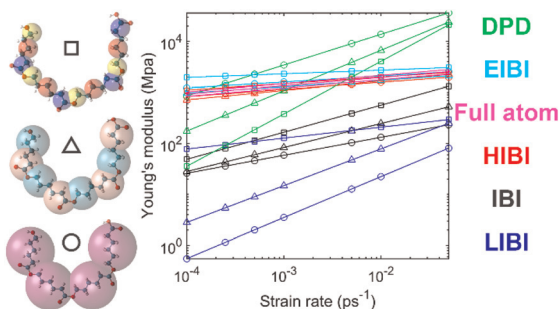
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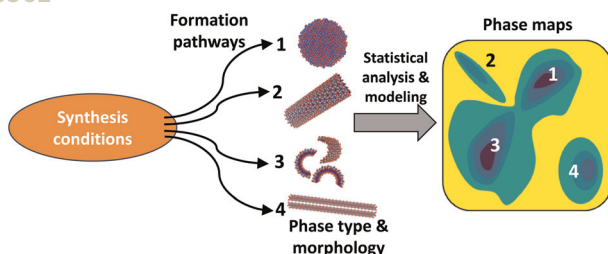
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Resolving the dynamic properties of entangled linear polymers in non-equilibrium coarse grain simulation with *a priori* scaling factors

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Multivariate regression analysis of factors regulating the formation of synthetic aluminosilicate nanoparticles

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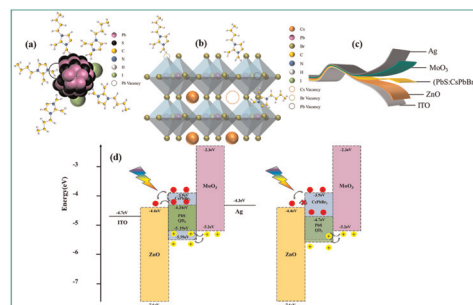


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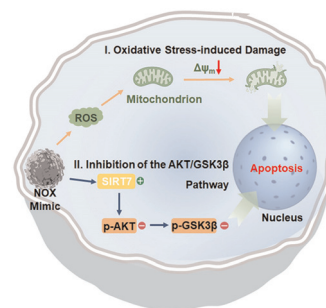
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A NAD(P)H oxidase mimic for catalytic tumor therapy via a deacetylase SIRT7-mediated AKT/GSK3 β pathway

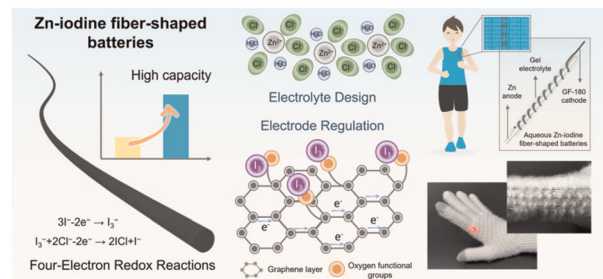
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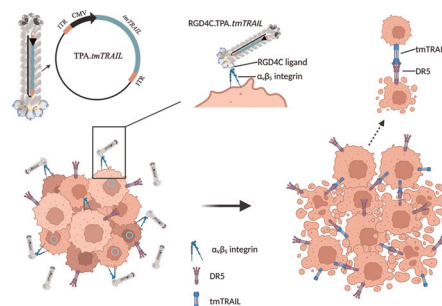
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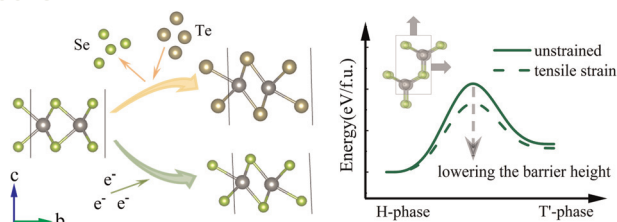
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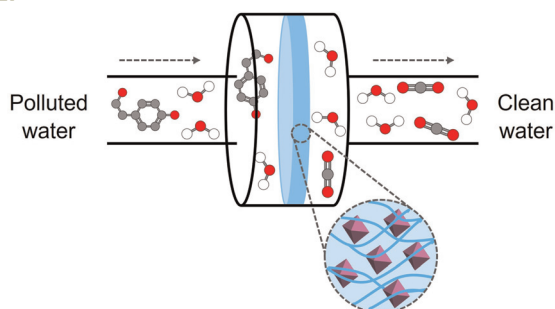
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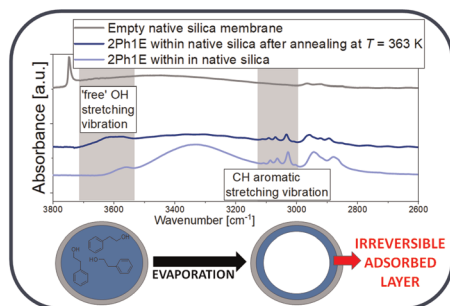
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Copper single-site engineering in MOF-808 membranes for improved water treatment

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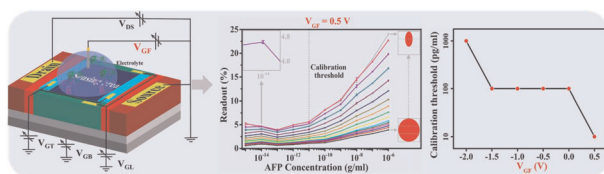
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The existence of a strongly bonded layer in associating liquids within silica pores – a spectral and molecular dynamics study

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From sensing interactions to controlling the interactions: a novel approach to obtain biological transistors for specific and label-free immunosensing

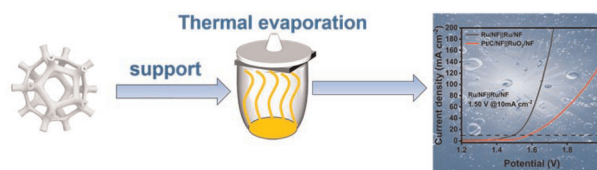
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Thermal evaporation-driven fabrication of Ru/RuO₂ nanoparticles onto nickel foam for efficient overall water splitting

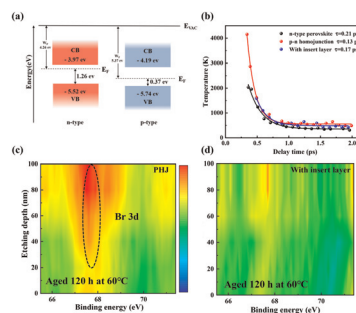
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Inhibition of ion diffusion/migration in perovskite p–n homojunction by polyetheramine insert layer to enhance stability of perovskite solar cells with p–n homojunction structure

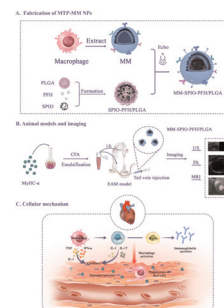
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Macrophage membrane-modified targeted phase-change nanoparticles for multimodal imaging of experimental autoimmune myocarditis

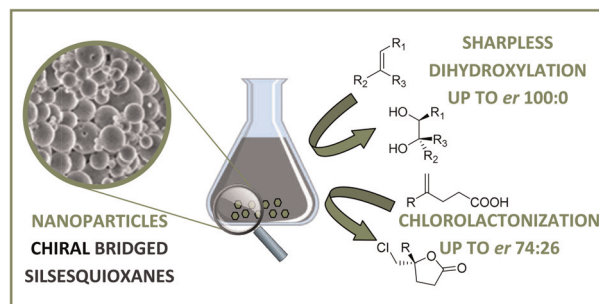
Dan Yin, Min Zheng, Qin Zhang, Mi Li, Ping Xiang and Jie Tian*



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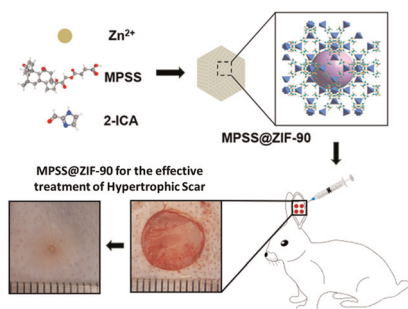
Preparations of spherical nanoparticles of chiral Cinchona alkaloid-based bridged silsesquioxanes and their use in heterogeneous catalysis of enantioselective reactions

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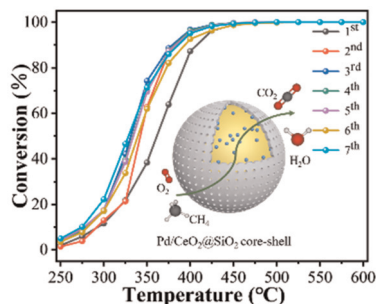
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Zeolitic imidazolate framework-90 loaded with methylprednisolone sodium succinate effectively reduces hypertrophic scar *in vivo*

Xiaoxiang Xu, Jun Liu, Zixuan Xiao, Shuang Li, Ya Zhang, Peng Song, Kun Lin, Lei Zhang, Haoquan Zheng,* Yuye Zhou* and Xiong Chen*

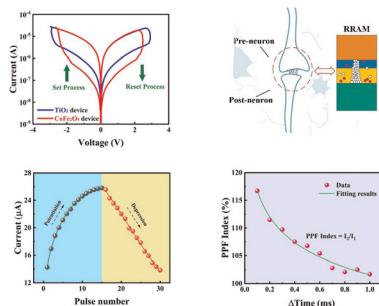
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Thermally stable Pd/CeO₂@SiO₂ with a core-shell structure for catalytic lean methane combustion

Linyan Tan, Ganghua Xiang and Zhigang Liu*

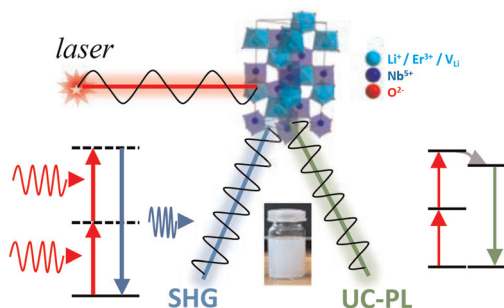
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Simulation of the resistance switching performance and synaptic behavior of TiO₂-based RRAM devices with CoFe₂O₄ insertion layers

Fei Yang,* Bo Hu, Zijian He, Bingkun Liu, Shilong Lou, Duogui Li and Wentao Wang

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K. Bredillet, F. Riporto, T. Guo, A. Dhoub, V. Multian, V. Monnier, P. Figueras Llusa, S. Beauquis, L. Bonacina, Y. Mugnier* and R. Le Dantec*



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Flexible self-supporting inorganic nanofiber membrane-reinforced solid-state electrolyte for dendrite-free lithium metal batteries

Weicui Liu, Nanping Deng,* Shuang Chen, Yixia Zhao, Lu Gao, Jingge Ju,* Chunfeng Zhao and Weimin Kang*

