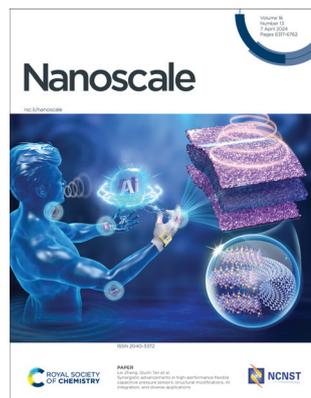


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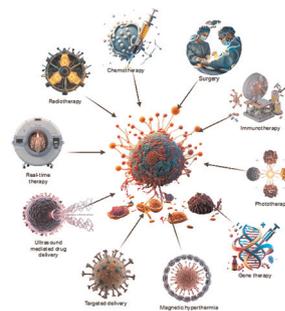
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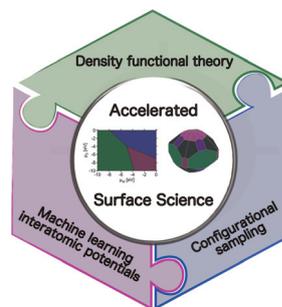


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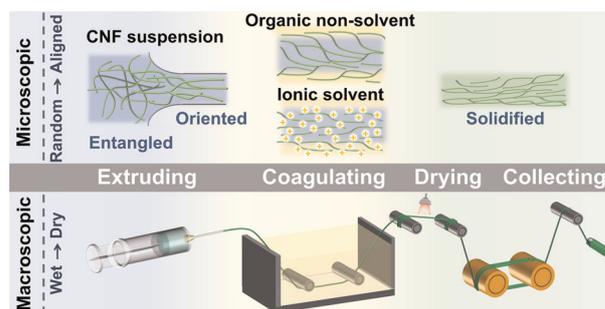


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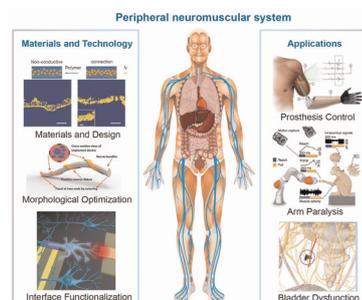
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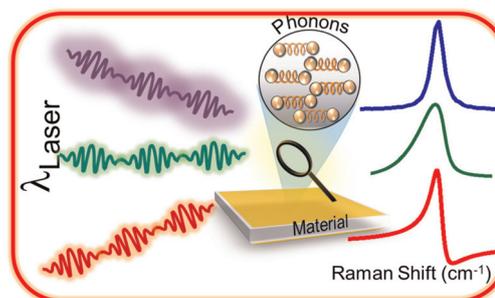
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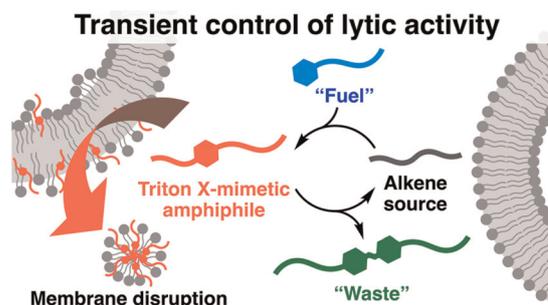


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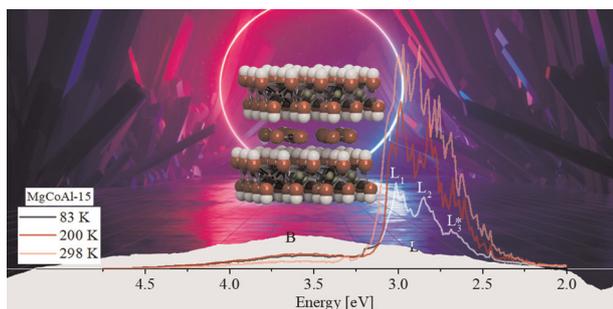
**Transient control of lytic activity via a non-equilibrium chemical reaction system**

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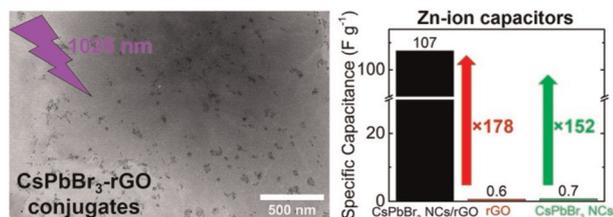
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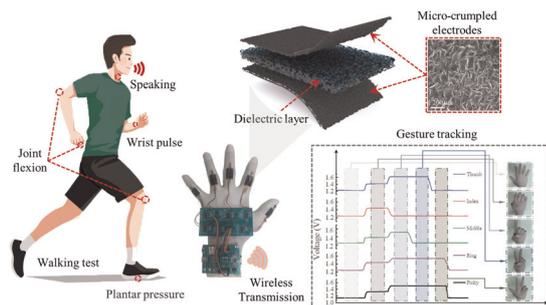


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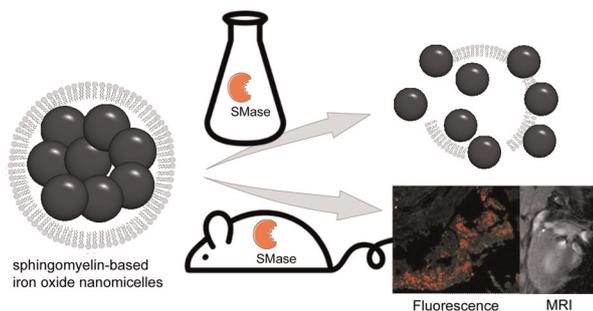
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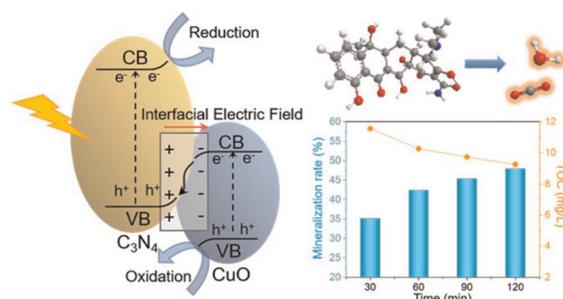
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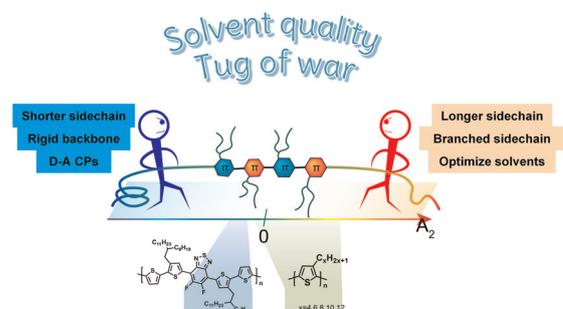
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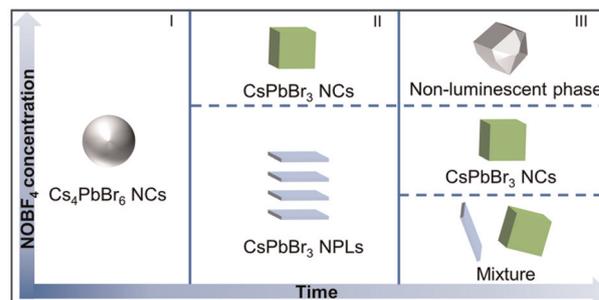
Guorong Ma, Zhaofan Li, Lei Fang, Wenjie Xia and Xiaodan Gu\*



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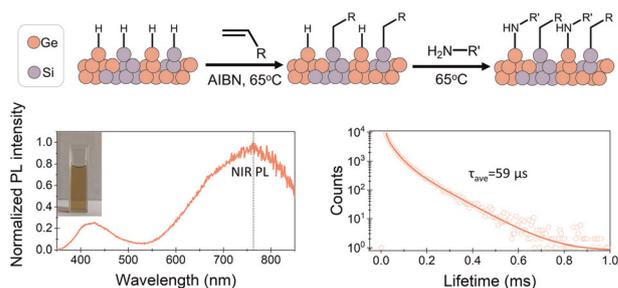
Yuling Liu, Rui Yun, Yue Li, Wenda Sun, Tiancheng Zheng, Qian Huang, Libing Zhang and Xiyun Li\*



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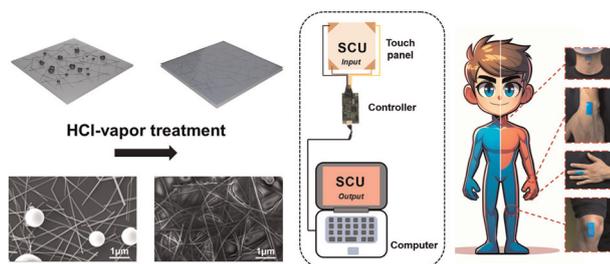
### Mixed-ligand-functionalized silicon–germanium alloy nanocrystals with improved carrier mobilities

Linfeng Wei, Haoyuan Zhang, Lei Shi and Zhenyu Yang\*



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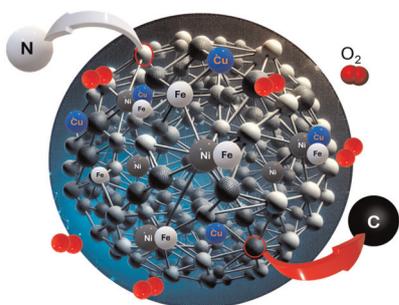
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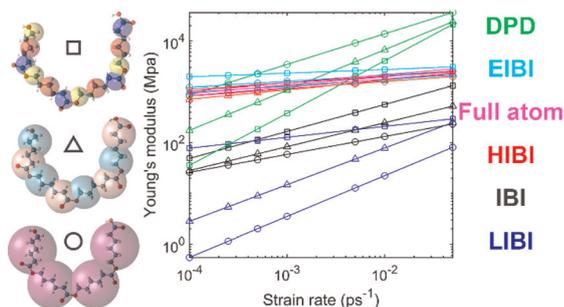
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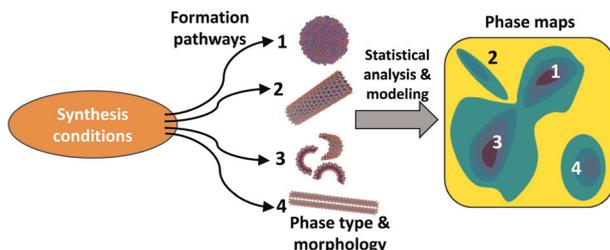
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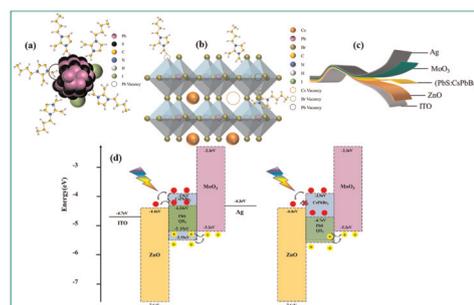


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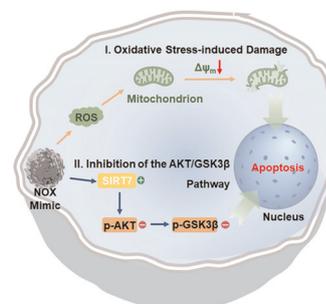
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### A NAD(P)H oxidase mimic for catalytic tumor therapy via a deacetylase SIRT7-mediated AKT/GSK3 $\beta$ pathway

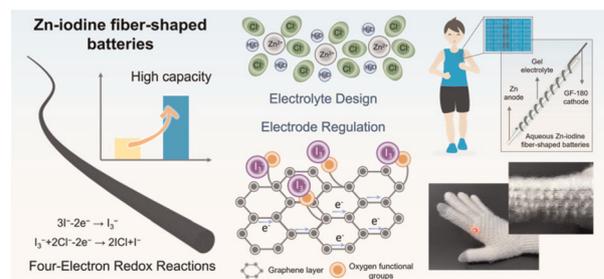
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### Rational electrolyte design and electrode regulation for boosting high-capacity Zn-iodine fiber-shaped batteries with four-electron redox reactions

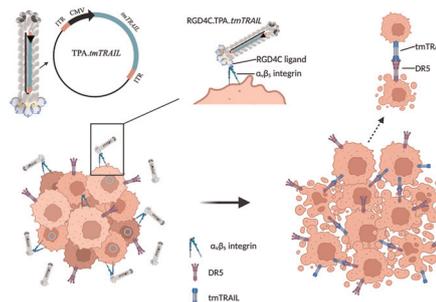
Jiuqing Wang, Hai Xu, Ruanye Zhang, Gengzhi Sun, Hui Dou\* and Xiaogang Zhang



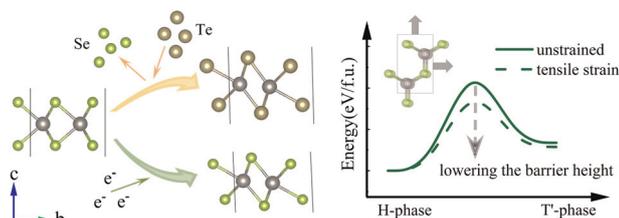
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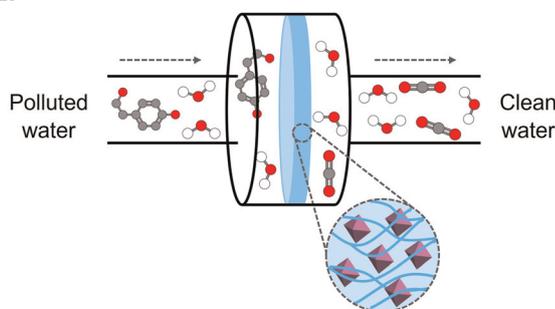
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Liyuan Chen, Li Chen, Hongli Chen, Kai Jiang, Liangqing Zhu, Liyan Shang, Yawei Li, Shijing Gong and Zhigao Hu\*

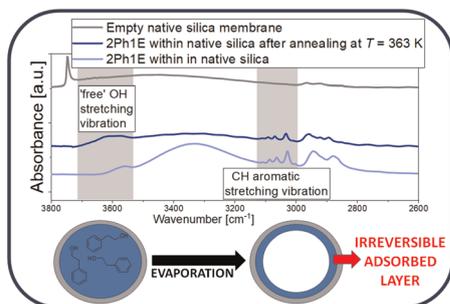
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### Copper single-site engineering in MOF-808 membranes for improved water treatment

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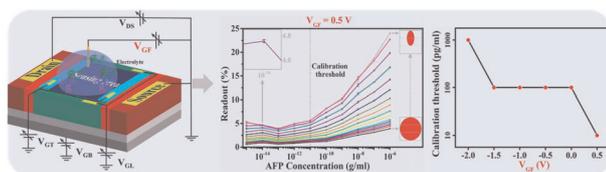
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### From sensing interactions to controlling the interactions: a novel approach to obtain biological transistors for specific and label-free immunosensing

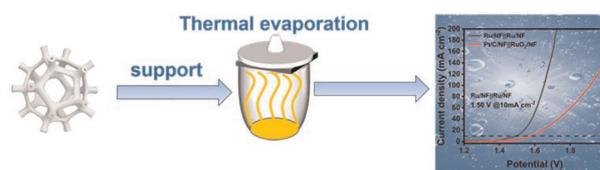
Soumabri Samanta, Vinay S. Tiwari, Sumesh Sadhujan, Sherina Harilal, Avital Eisenberg-Lerner, Ziv Rotfogel, Evgeny Pikhay, Ruth Shima-Edelstein, Doron Greental, Muhammad Y. Bashouti, Barak Akabayov, Izhar Ron, Yakov Roizin, Offer Erez and Gil Shalev\*



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### Thermal evaporation-driven fabrication of Ru/RuO<sub>2</sub> nanoparticles onto nickel foam for efficient overall water splitting

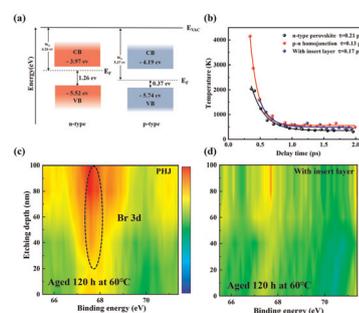
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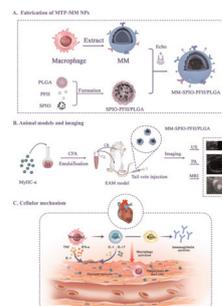
Dong Wei,\* Qingrui Cai, Shidong Cai, Yongjing Wu, Mingliang Wang, Peng Cui,\* Jun Ji,\* Zhirong Zhang, Luyao Yan, Jiahuang Zhang, Jiaqi Luo, Xiaodan Li and Meicheng Li\*



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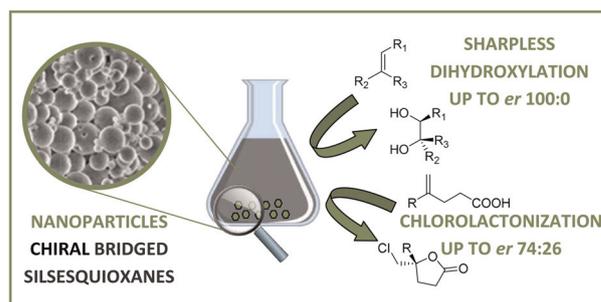
Dan Yin, Min Zheng, Qin Zhang, Mi Li, Ping Xiang and Jie Tian\*



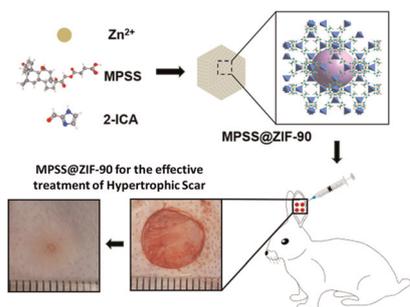
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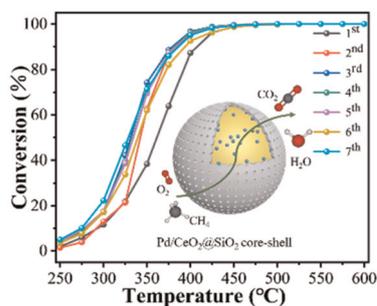
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Xiaoxiang Xu, Jun Liu, Zixuan Xiao, Shuang Li, Ya Zhang, Peng Song, Kun Lin, Lei Zhang, Haoquan Zheng,\* Yuye Zhou\* and Xiong Chen\*

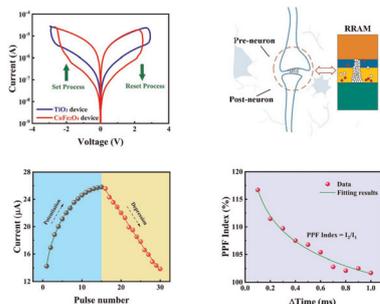
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### Thermally stable Pd/CeO<sub>2</sub>@SiO<sub>2</sub> with a core-shell structure for catalytic lean methane combustion

Linyan Tan, Ganghua Xiang and Zhigang Liu\*

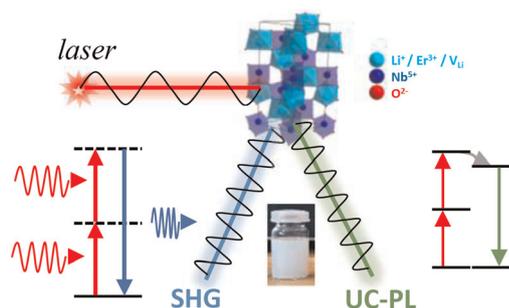
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Fei Yang,\* Bo Hu, Zijian He, Bingkun Liu, Shilong Lou, Duogui Li and Wentao Wang

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