Materials Horizons

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See Moyuan Cao *et al.*, pp. 3351–3359.
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See Tomonori Saito *et al.*, pp. 3360–3368.
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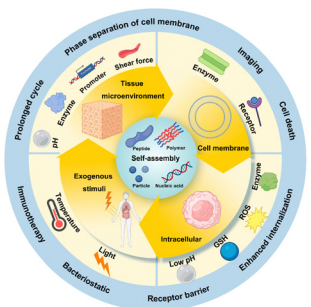
EDITORIAL

REVIEWS



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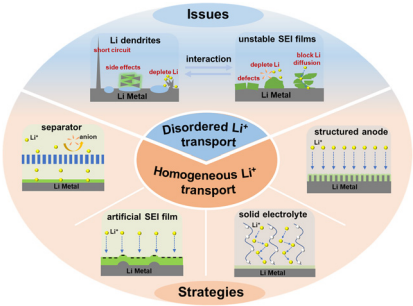

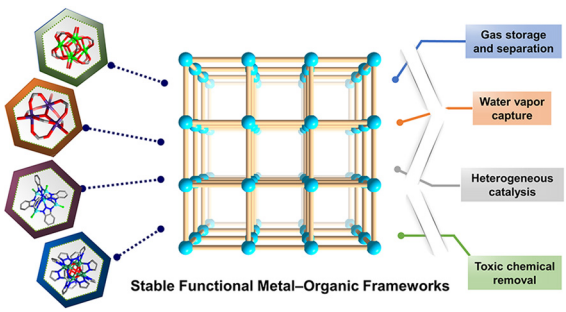

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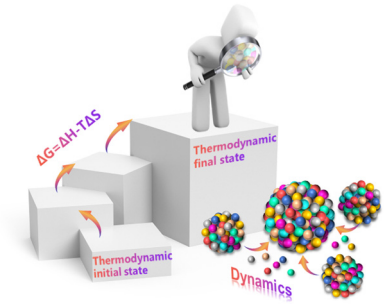
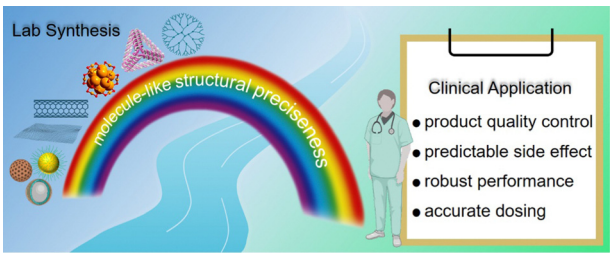


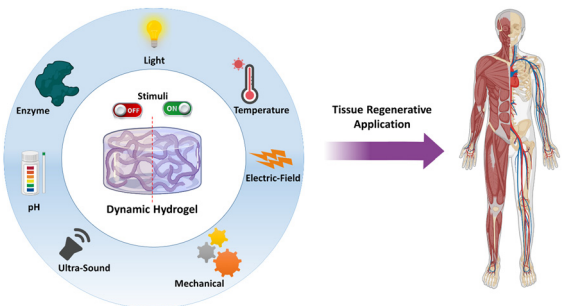
Insights into high-entropy material synthesis dynamics criteria based on a thermodynamic framework

Zeshuo Meng, Zijin Xu, Hongwei Tian* and Weitao Zheng*



Molecularly or atomically precise nanostructures for bio-applications: how far have we come?

Jie Wang, Ping Li, Chao Wang,* Ning Liu* and Dongming Xing*



Stimuli-responsive dynamic hydrogels: design, properties and tissue engineering applications

Sivashanmugam Amirthalingam, Arun Kumar Rajendran, Young Gi Moon and Nathaniel S. Hwang*

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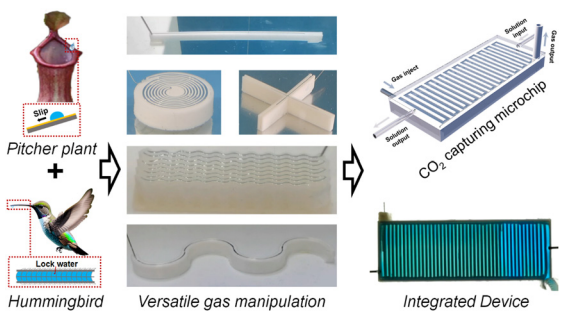

Designing a slippery/superaerophobic hierarchical open channel for reliable and versatile underwater gas delivery

Xinsheng Wang, Haoyu Bai, Zhe Li, Yaru Tian, Tianhong Zhao and Moyuan Cao*

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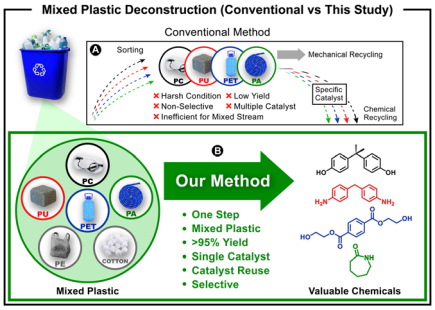

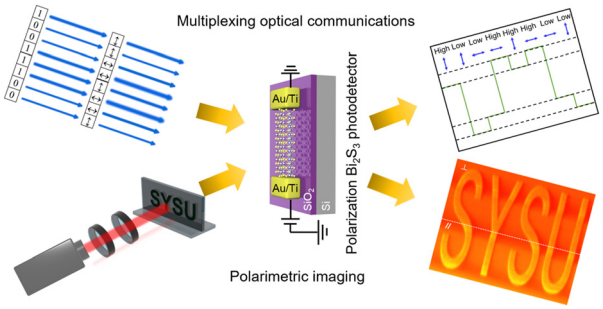

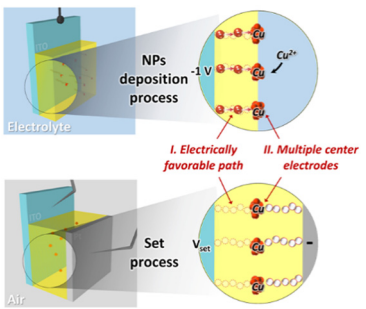

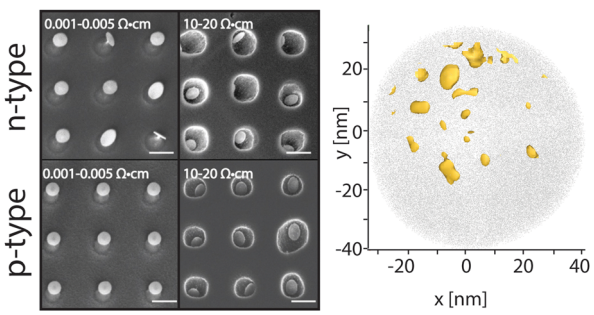

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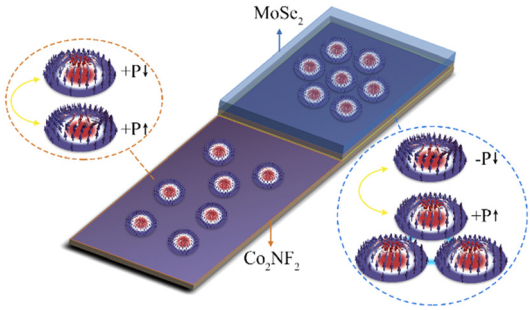

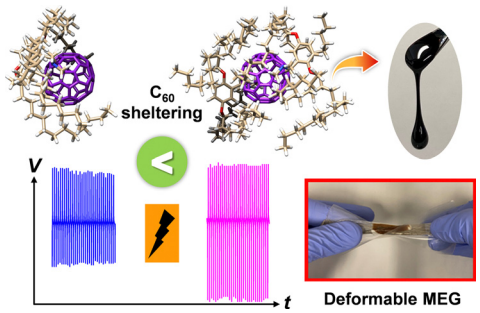

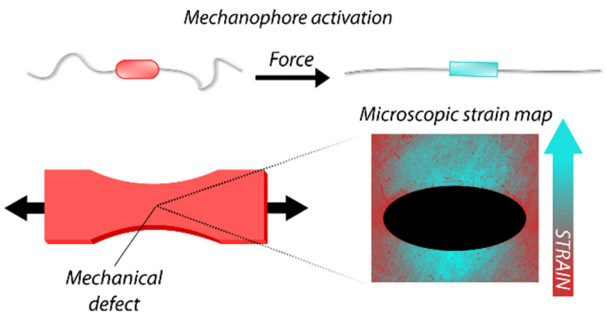

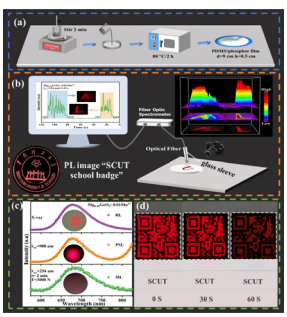

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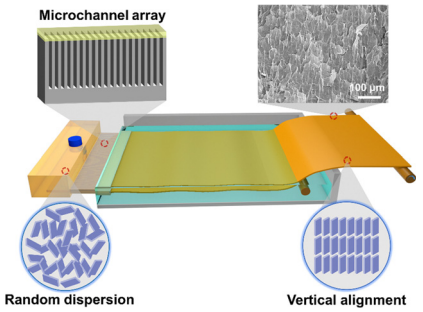

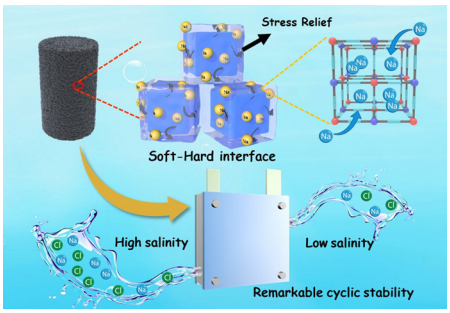

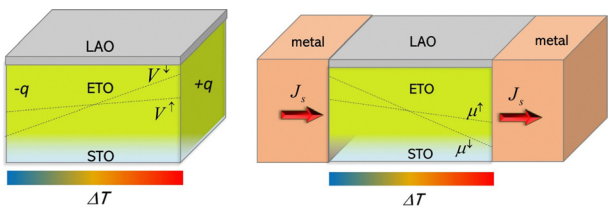

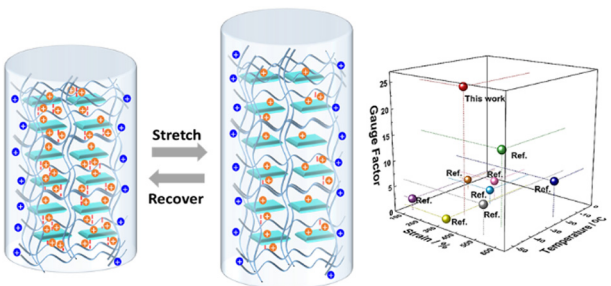

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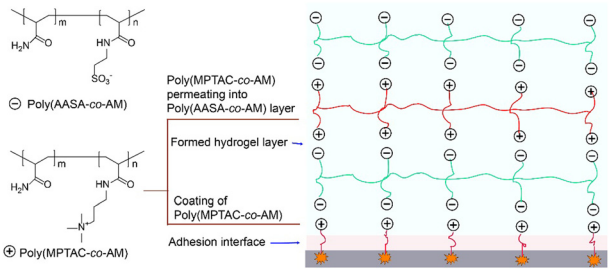

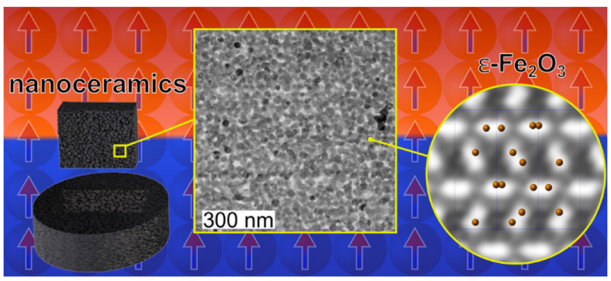

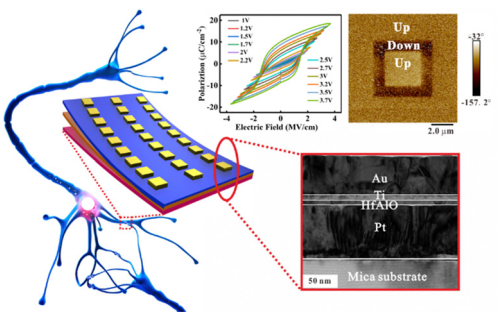

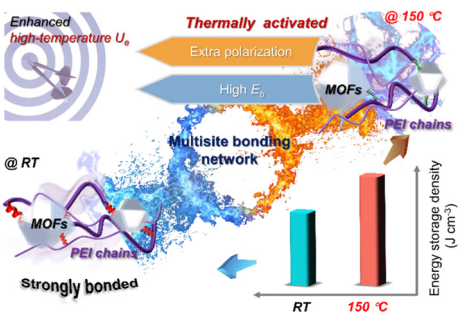

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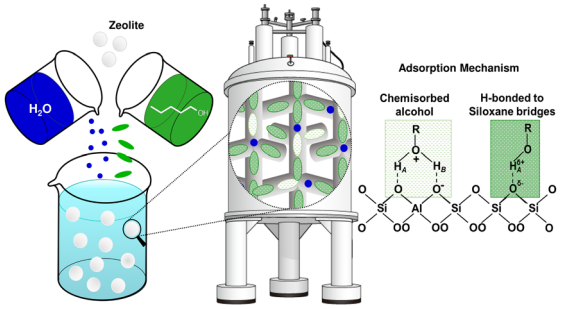

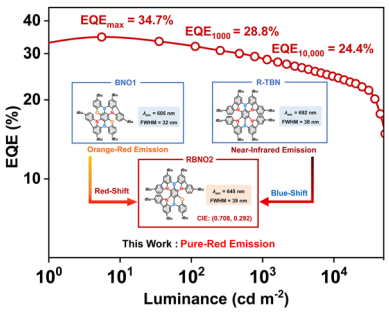

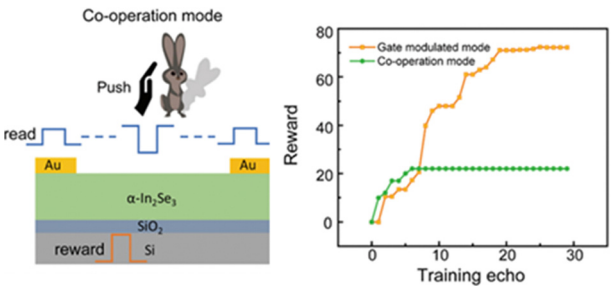

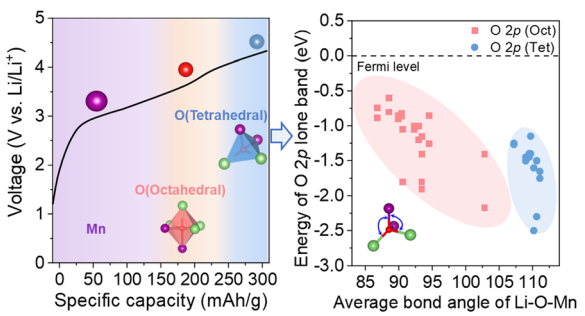

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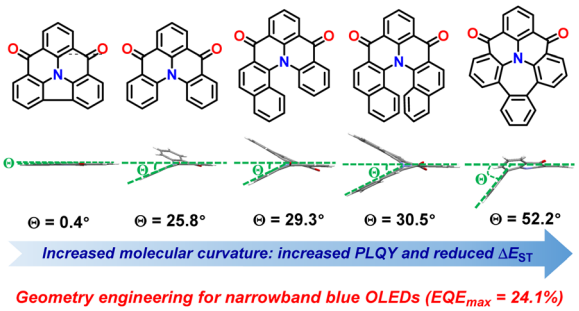

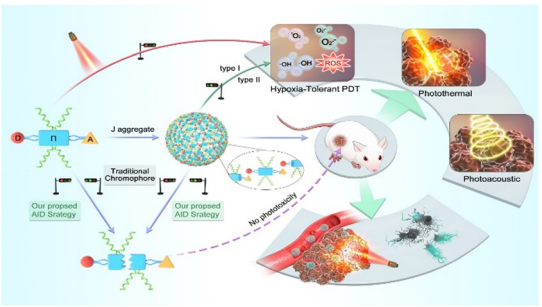

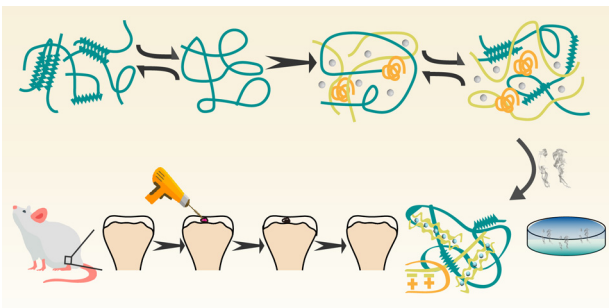

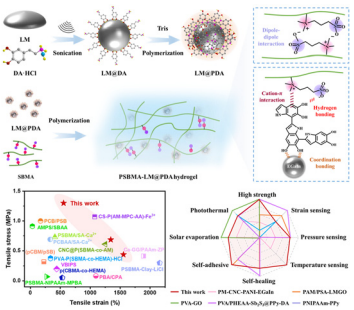

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