

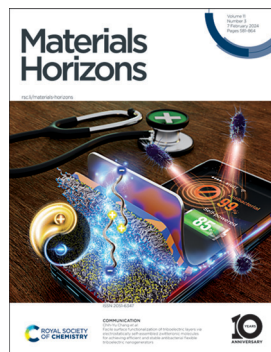
Materials Horizons

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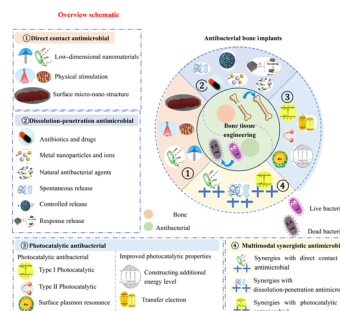
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Construction of antibacterial bone implants and their application in bone regeneration

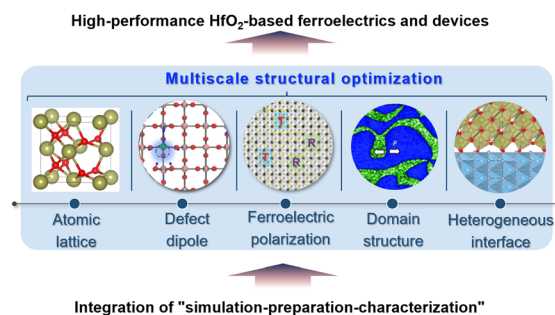
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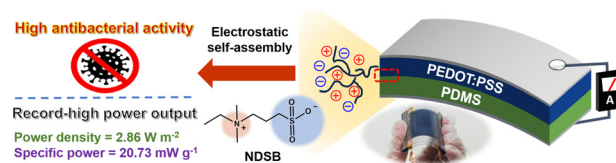
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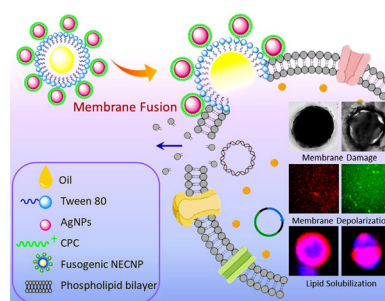
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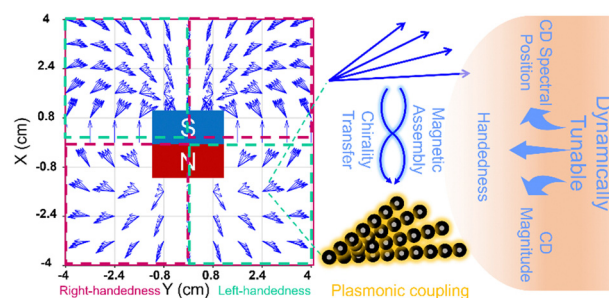
Somashree Bose, Yogita Dahat, Deepak Kumar, Saikat Halder and Sujoy K. Das*



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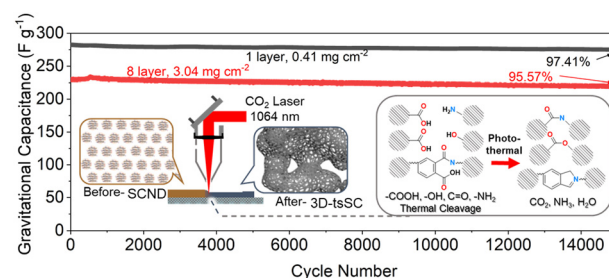
Chaolumen Wu, Qingsong Fan, Zhiwei Li, Zuyang Ye and Yadong Yin*



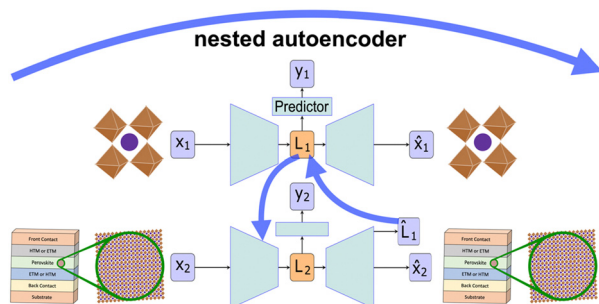
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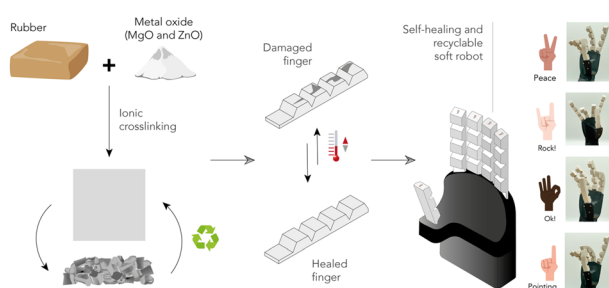
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NestedAE: interpretable nested autoencoders for multi-scale materials characterization

Nikhil Thota, Maitreyee Sharma Priyadarshini and Rigoberto Hernandez*

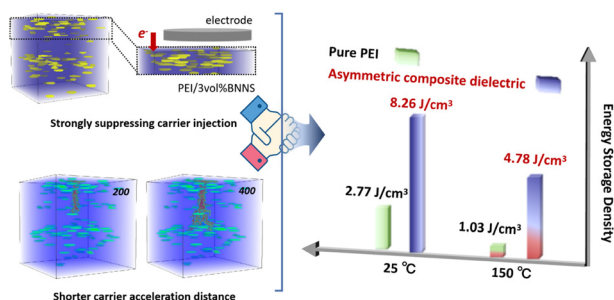
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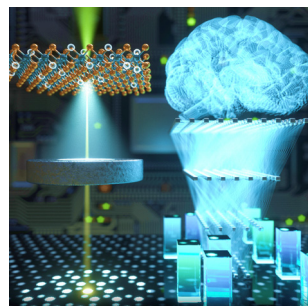


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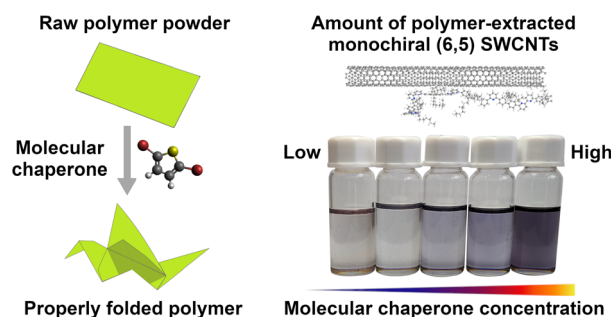
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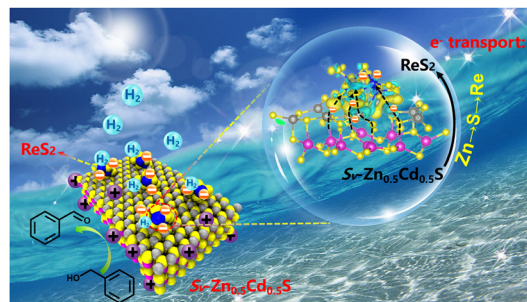
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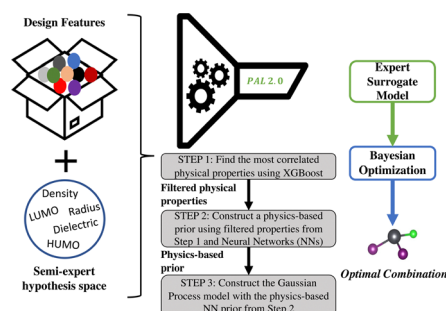
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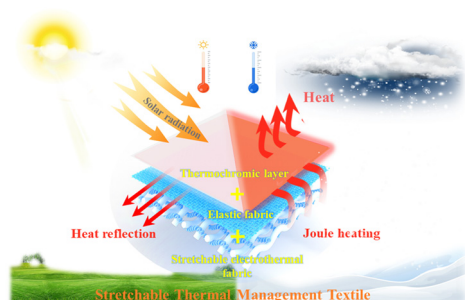
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Maitreyee Sharma Priyadarshini, Oluwaseun Romiluyi, Yiran Wang, Kumar Miskin, Connor Ganley and Paulette Clancy*



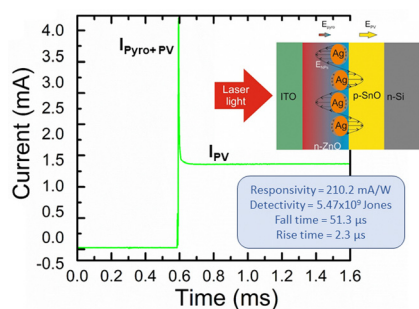
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Dual-functional thermal management textiles for dynamic temperature regulation based on ultra-stretchable spiral conductive composite yarn with 500%-strain thermal stability and durability

Wei Chen, Xiaoxiao Wei, Wei Liu and Fujun Xu*

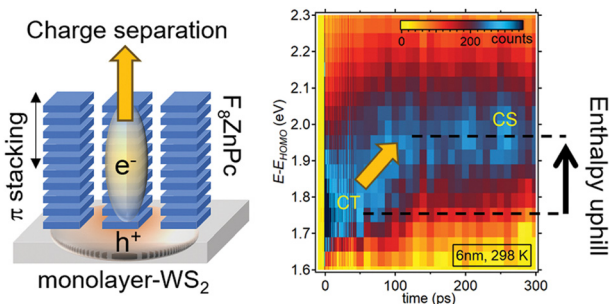
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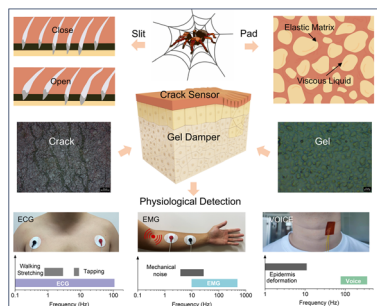
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Enthalpy-uphill exciton dissociation in organic/2D heterostructures promotes free carrier generation

Fatimah Rudayni, Kushal Rijal, Neno Fuller and Wai-Lun Chan*

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Jianren Huang, Anbang Chen, Jinrong Liao, Songjiu Han, Qirui Wu, Jiayu Zhang, Yujia Chen, Xiandong Lin and Lunhui Guan*

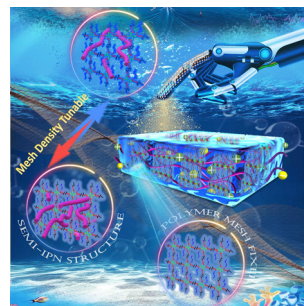


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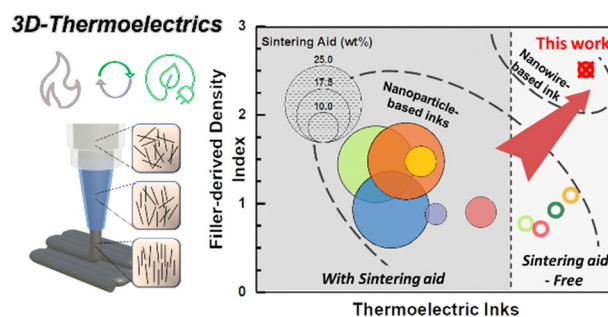
Xiaoyong Zhang,* Haoran Ding, Zhaozhao Li, Yongping Bai and Lidong Zhang*



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Thermoelectric nanowires for dense 3D printed architectures

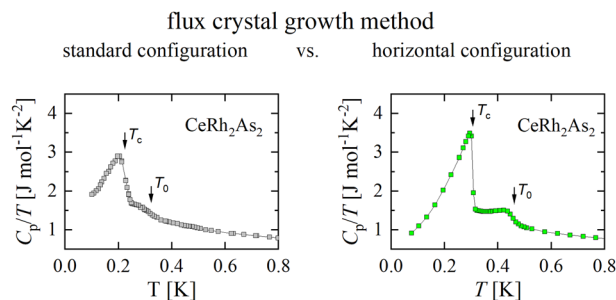
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Horizontal flux growth as an efficient preparation method of CeRh_2As_2 single crystals

Grzegorz Chajewski,* Damian Szymański, Marek Daszkiewicz and Dariusz Kaczorowski



CORRECTION

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Correction: Superprotonic conductivity in $\text{RbH}_{2-3y}(\text{PO}_4)_{1-y}$: a phosphate deficient analog to cubic CsH_2PO_4 in the $(1-x)\text{RbH}_2\text{PO}_4 - x\text{Rb}_2\text{HPO}_4$ system

Grace Xiong, Louis S. Wang and Sossina M. Haile*

