

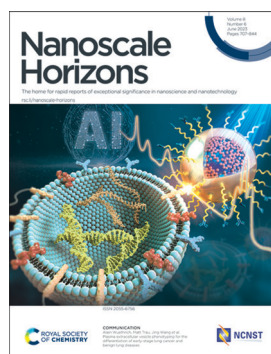
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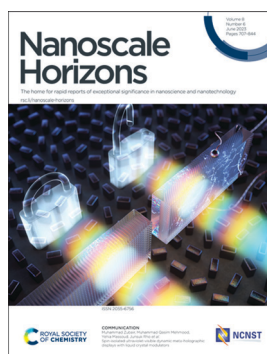
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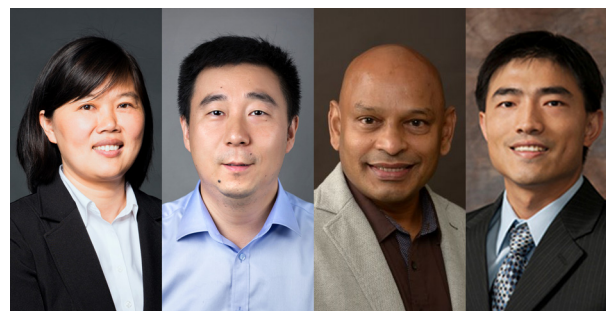
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Introduction to new horizons in materials for energy conversion, optics and electronics

Jinlan Wang,* Yuanjian Zhang,* Seeram Ramakrishna* and Guihua Yu*

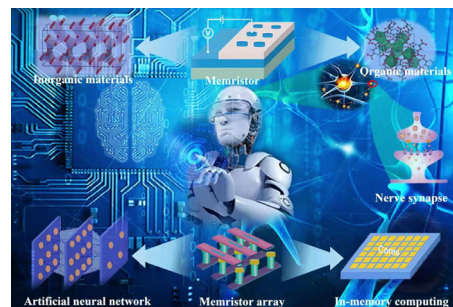


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Memristor-based neural networks: a bridge from device to artificial intelligence

Zelin Cao, Bai Sun,* Guangdong Zhou, Shuangso Mao, Shouhui Zhu, Jie Zhang, Chuan Ke, Yong Zhao and Jinyou Shao*



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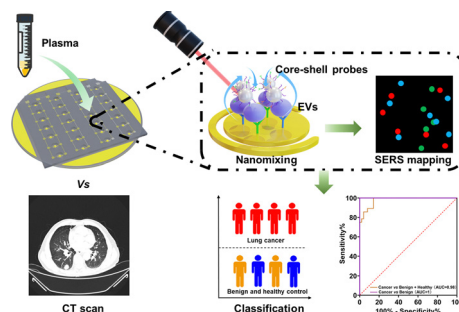
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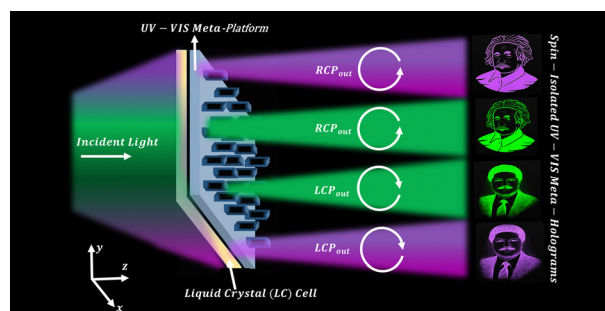
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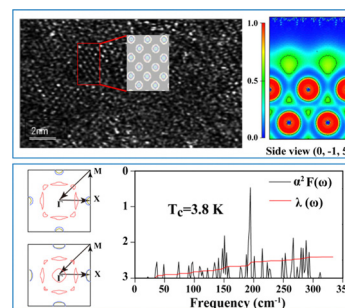
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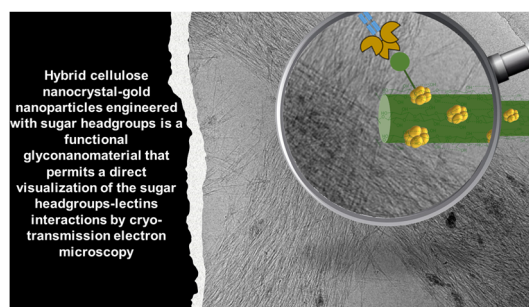
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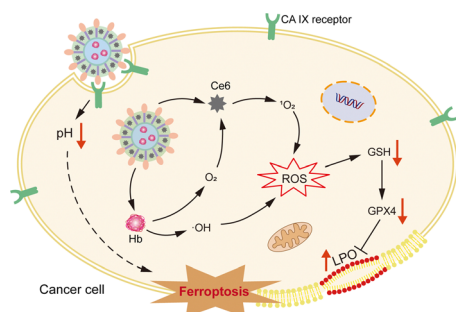
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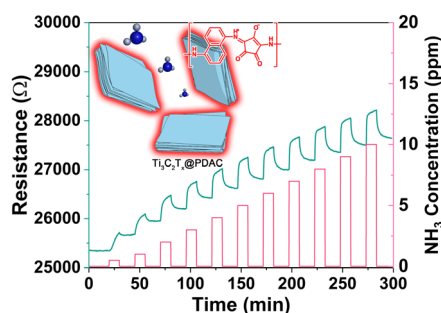
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Nian Liu, Qian Lin, Wenbao Zuo, Weibin Chen, Shan Huang, Yinshu Han, Xing-Jie Liang,* Xuan Zhu* and Shuidong Huo*

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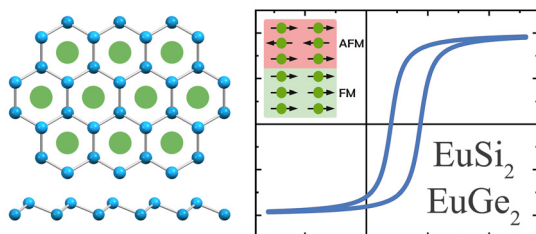


An ultra-sensitive NH₃ gas sensor enabled by an ion-in-conjugated polycroconaine/Ti₃C₂T_x core-shell composite

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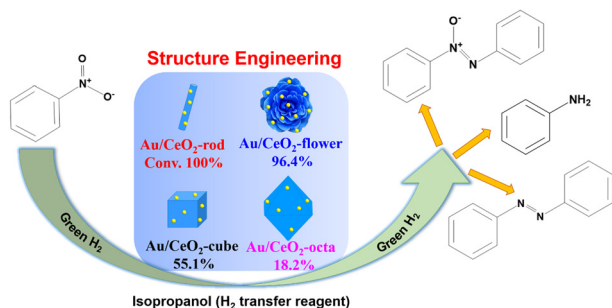
exchange bias state



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