

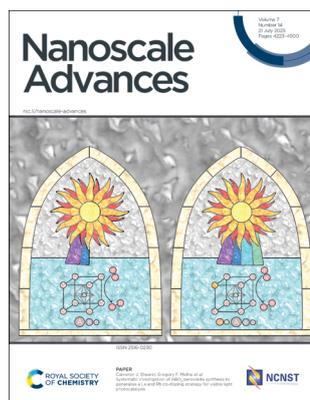
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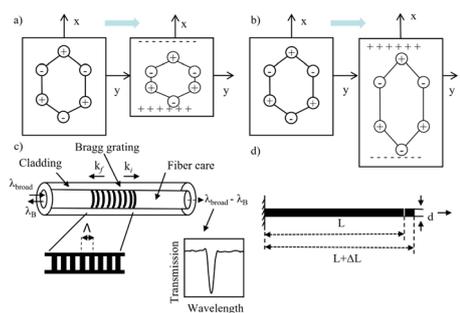
Cover
See Cameron J. Shearer,
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Nanoscale Adv., 2025, 7, 4313.

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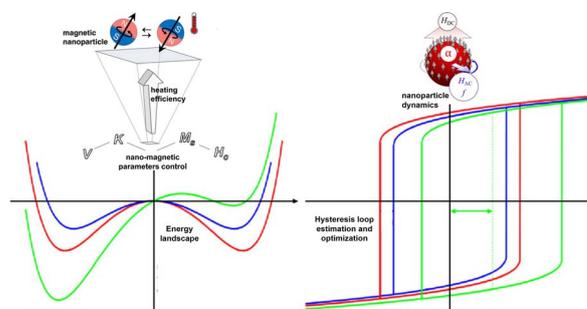
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N. Maniotis,* M. Maragakis and N. Vordos



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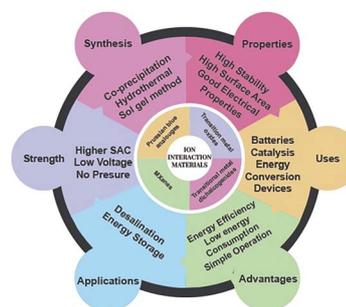
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Elemental answers

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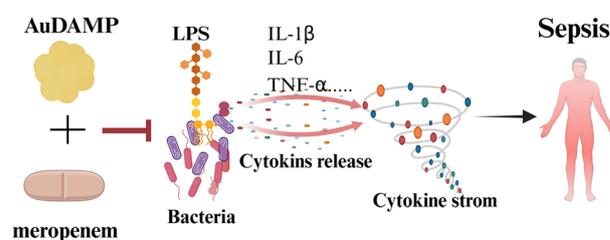


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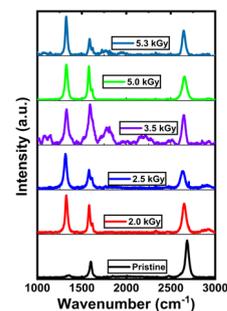
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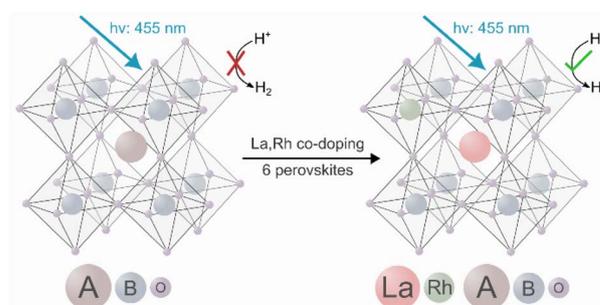


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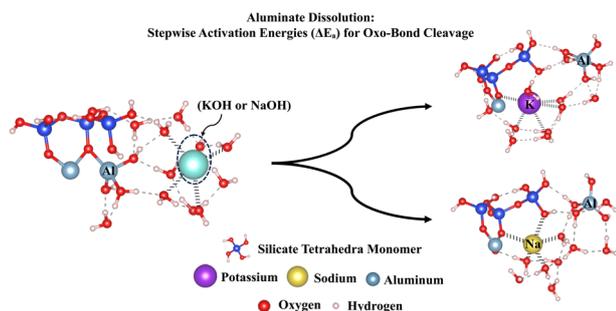
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Systematic investigation of ABO₃ perovskite synthesis to generalise a La and Rh co-doping strategy for visible light photocatalysis

Thomas D. Small, Mahmoud Adel Hamza, Yideng Shen, Cameron J. Shearer* and Gregory F. Metha*



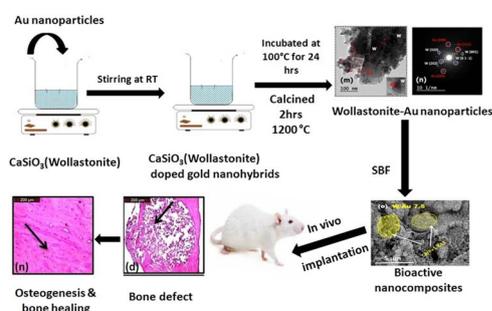
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Mohammadreza Izadifar,* Neven Ukrainczyk, Klara Schönfeld and Eduardus Koenders

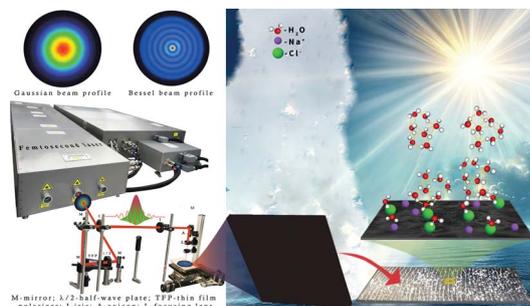
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Gold-doped wollastonite nanohybrids enhance bone regeneration via the bone morphogenetic protein-2, SMAD1, and Runt-related transcription factor-2 signalling pathway

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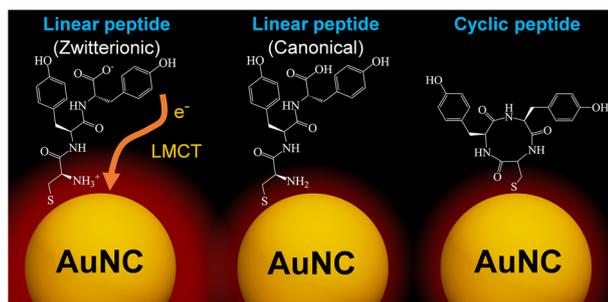
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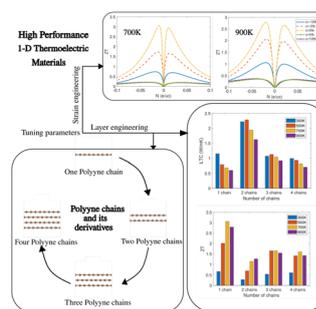
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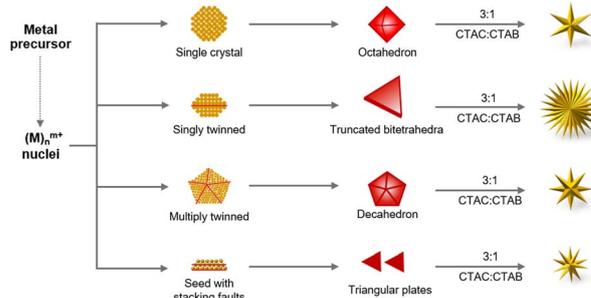
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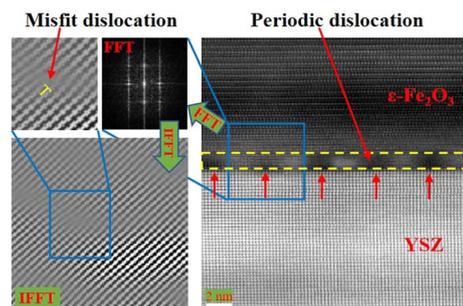
Debashree Roy, Helen C. Larson, Brandi M. Cossairt and Liane M. Moreau*



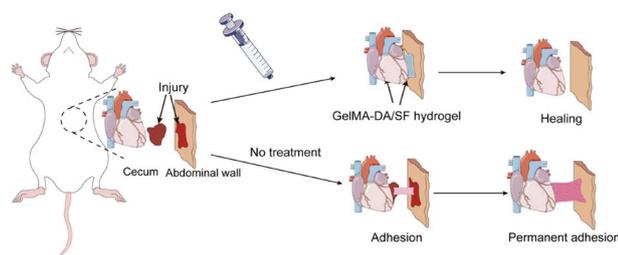
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Influence of misfit dislocations on the phase transition of iron(III) oxides

Van-Hien Hoang, Nam-Suk Lee and Heon-Jung Kim*



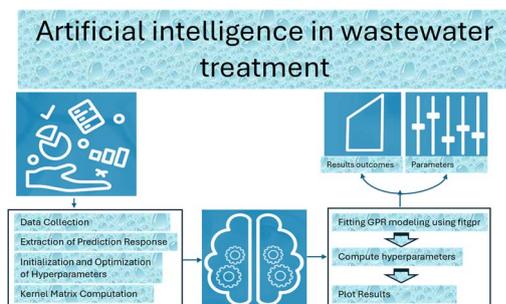
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A mussel-like, biodegradable natural hydrogel can effectively prevent adhesion after cardiac surgery

Jie Jiang, Liang Chen, Yan Zhang and Yan Liu*

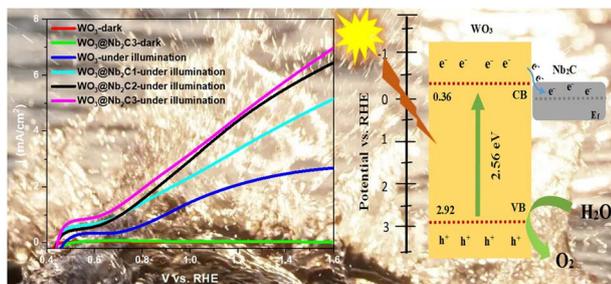
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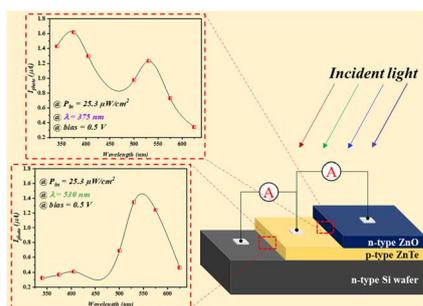
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WO₃/Nb₂CT_x MXene 2D-2D heterojunction as a high performance photoanode for photoelectrochemical water splitting

Maida Murtaza, Waqas Ali Shah and Amir Waseem*

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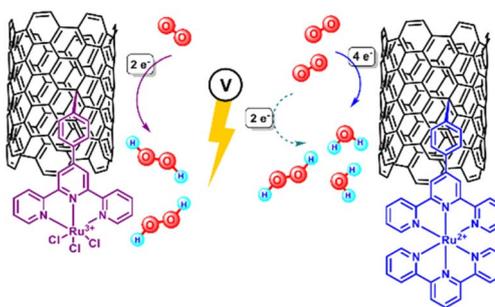
Fast-response self-powered double-heterojunction n-ZnO/p-ZnTe/n-Si photodetector

Ethar Yahya Salih,* Mohamed Hassan Eisa, Mustafa K. A. Mohammed, Asmiet Ramizy, Osamah Aldaghri, Raid A. Ismail and Khalid Hassan Ibaouf



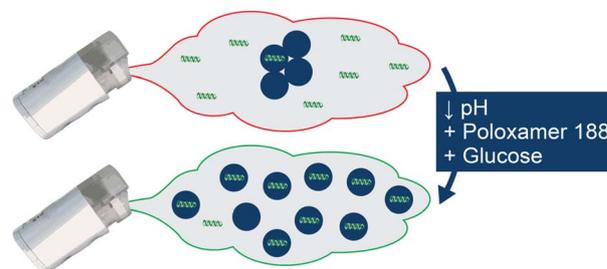
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Mo–P bond-induced MoS₂ fast electron transfer improves the lithium storage performance of MoS₂–MoP heterojunction

Shasha Wang, Jiaqi Guo, Jiaqi Huo, Lu Wen, Jingyao Tang, Bo Cao and Yan Cheng^{*}