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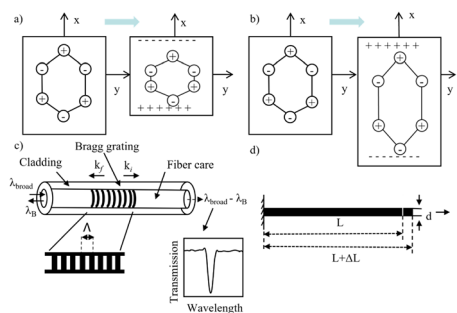
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 Gregory F. Metha *et al.*,
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Future development directions of high-temperature strain gauges: a comprehensive review of structure and performance characteristics

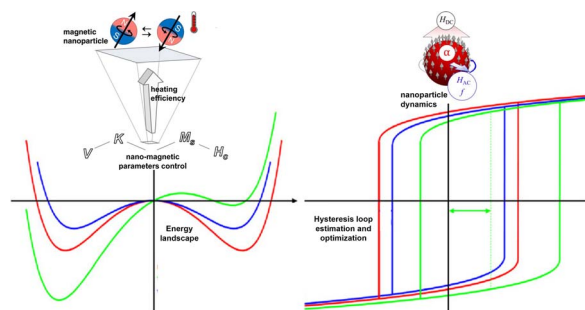
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N. Maniotis,* M. Maragakis and N. Vordos



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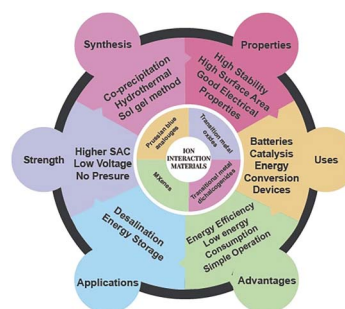
**Fundamental questions
Elemental answers**

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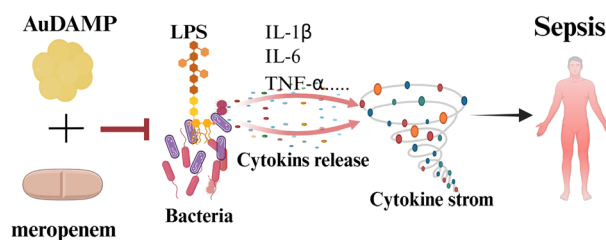


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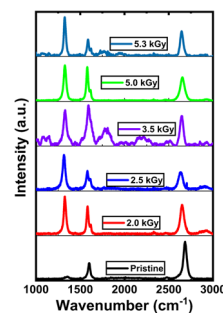
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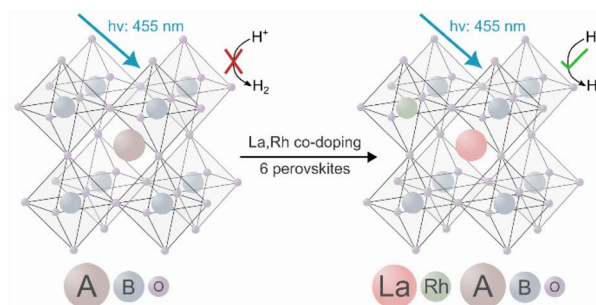


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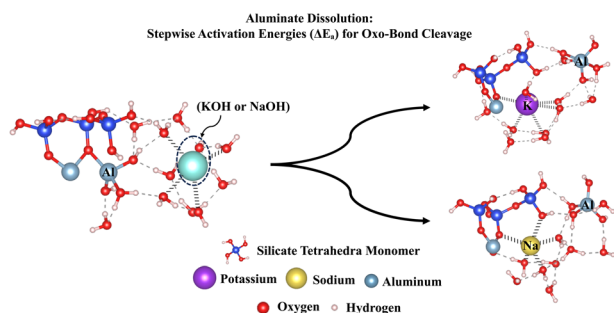
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Systematic investigation of ABO₃ perovskite synthesis to generalise a La and Rh co-doping strategy for visible light photocatalysis

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



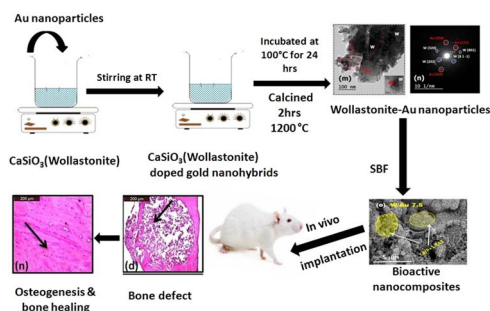
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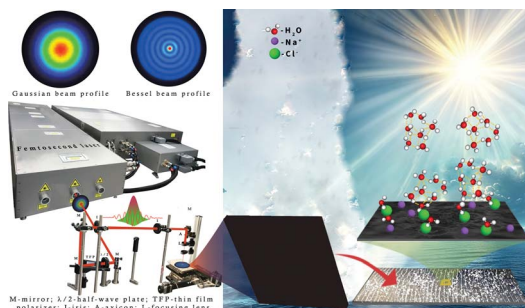
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Gold-doped wollastonite nanohybrids enhance bone regeneration via the bone morphogenetic protein-2, SMAD1, and Runt-related transcription factor-2 signalling pathway

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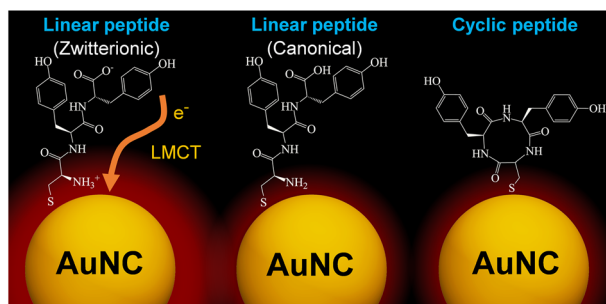
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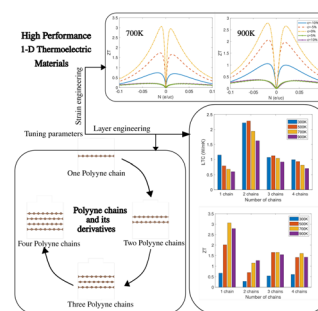
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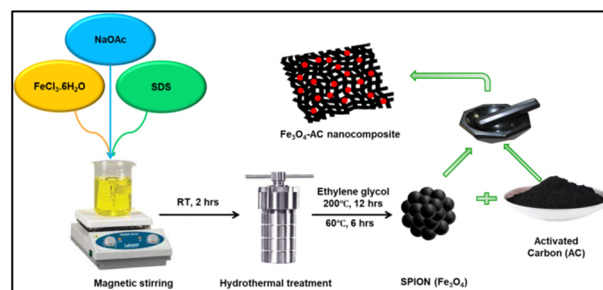
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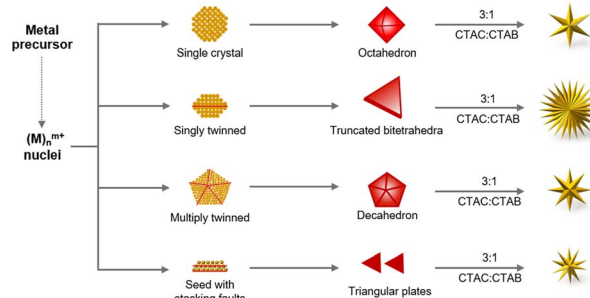
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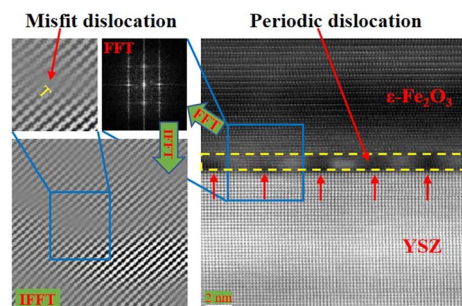
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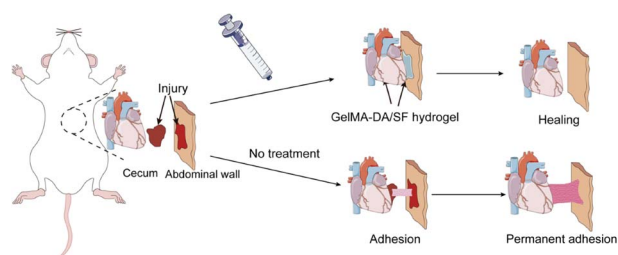
Influence of misfit dislocations on the phase transition of iron(III) oxides

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



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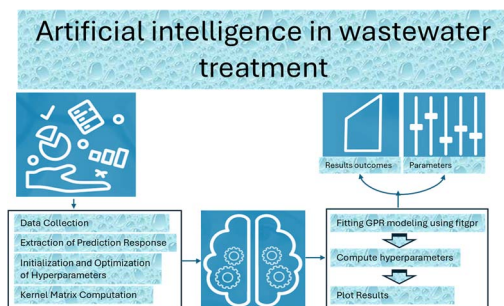
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A mussel-like, biodegradable natural hydrogel can effectively prevent adhesion after cardiac surgery

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

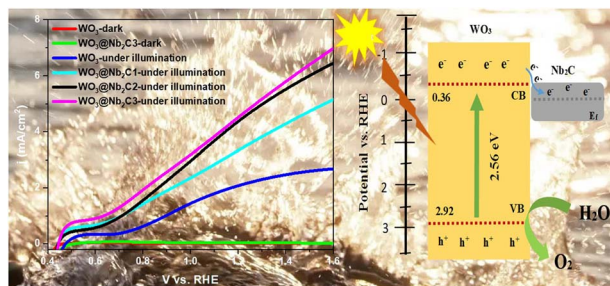
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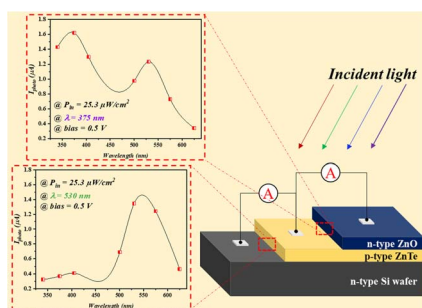
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Maida Murtaza, Waqas Ali Shah and Amir Waseem*

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

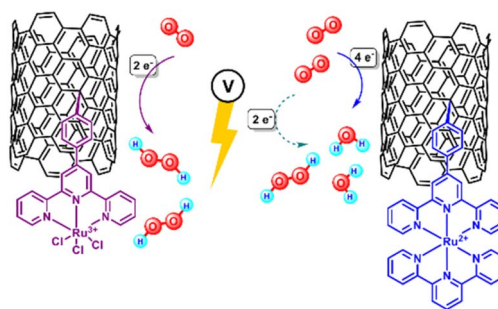
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Shasha Wang, Jiaqi Guo, Jiaqi Huo, Lu Wen, Jingyao Tang, Bo Cao and Yan Cheng^{*}