

Nanoscale Horizons

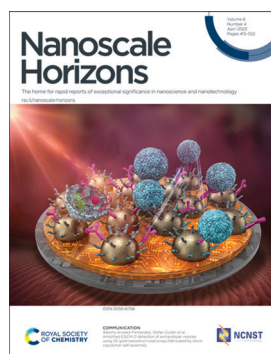
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ISSN 2055-6756 CODEN NHAOAW 8(4) 415-552 (2023)



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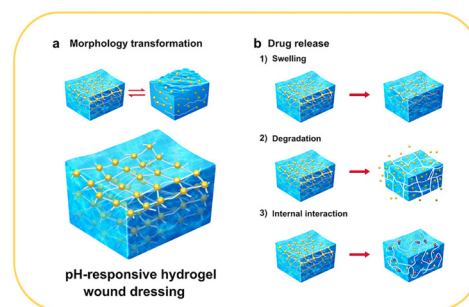
See Alberto Alvarez-Fernandez, Stefan Guldin *et al.*, pp. 460–472. Image reproduced by permission of Yueyang Gao from *Nanoscale Horiz.*, 2023, 8, 460.

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pH-Responsive wound dressings: advances and prospects

Zeyu Han, Mujie Yuan, Lubin Liu, Kaiyue Zhang, Baodong Zhao, Bin He, Yan Liang* and Fan Li*

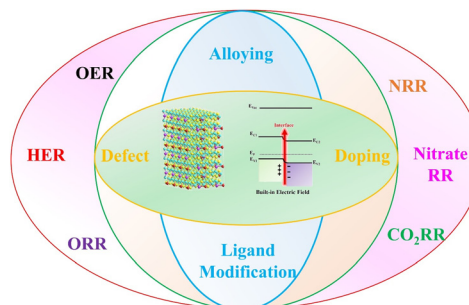


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Interfacial built-in electric-field for boosting energy conversion electrocatalysis

Hui Xu,* Junru Li and Xianxu Chu*



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Nanoscale Horizons (print: ISSN 2055-6756 electronic:

ISSN 2055-6764) is published 12 times a year by the

Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry

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Published in collaboration with the National Centre for Nanoscience and Technology, Beijing, China

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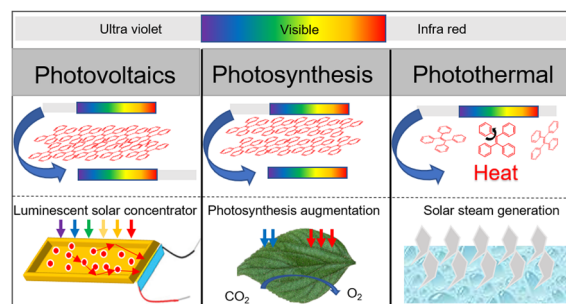


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Recent advances in aggregation-induced emission materials for enhancing solar energy utilization

Haixiang Liu, Haotian Bai, Jacky W. Y. Lam, Ryan T. K. Kwok and Ben Zhong Tang*

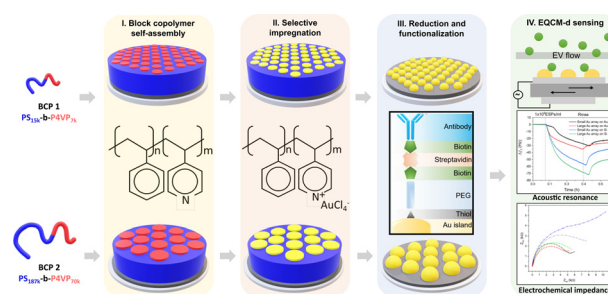


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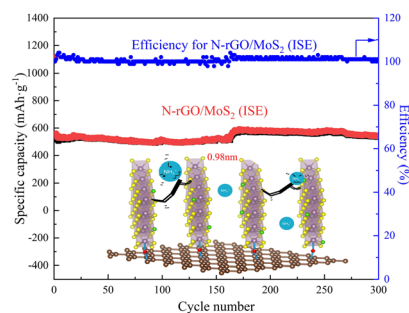
Jugal Suthar, Alberto Alvarez-Fernandez,* Esther Osarfo-Mensah, Stefano Angioletti-Uberti, Gareth R. Williams and Stefan Guldin*



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An interlayer spacing design approach for efficient sodium ion storage in N-doped MoS₂

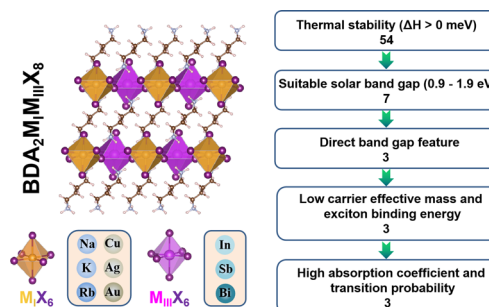
Peng Wang, Wenshan Gou, Tian Jiang, Wenjing Zhao, Kunpeng Ding, Huanxing Sheng, Xin Liu, Qingyu Xu* and Qi Fan*



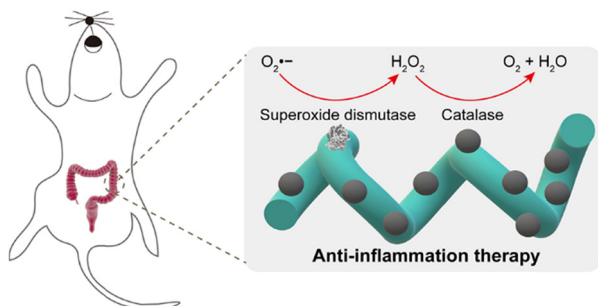
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Discovering layered lead-free perovskite solar absorbers *via* cation transmutation

Ming Chen, Zhicheng Shan, Xiaofeng Dong, Shengzhong(Frank) Liu* and Zhuo Xu*



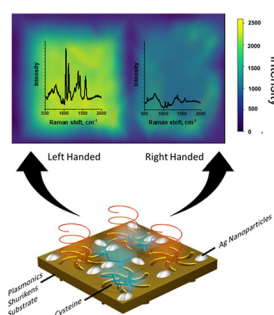
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Integrated cascade catalysis of microalgal bioenzyme and inorganic nanozyme for anti-inflammation therapy

Qi-Wen Chen, Meng-Wei Cao, Ji-Yan Qiao, Qian-Ru Li and Xian-Zheng Zhang*

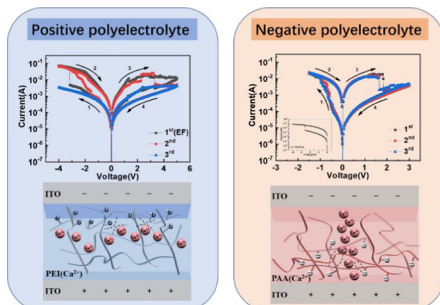
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Coupling of plasmonic hot spots with shurikens for superchiral SERS-based enantiomer recognition

Olga Guselnikova,* Roman Elashnikov, Vaclav Svorcik, Martin Kartau, Cameron Gilroy, Nikolaj Gadegaard, Malcolm Kadodwala, Affar S. Karimullah* and Oleksiy Lyutakov*

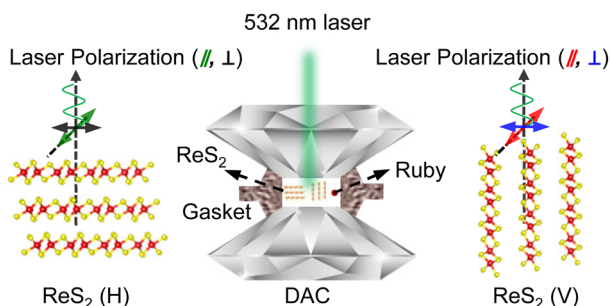
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Evaluating charge-type of polyelectrolyte as dielectric layer in memristor and synapse emulation

Jingzhou Shi, Shaohui Kang, Jiang Feng, Jiaming Fan, Song Xue, Gangri Cai* and Jin Shi Zhao*

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Orientation-polarization dependence of pressure-induced Raman anomalies in anisotropic 2D ReS₂

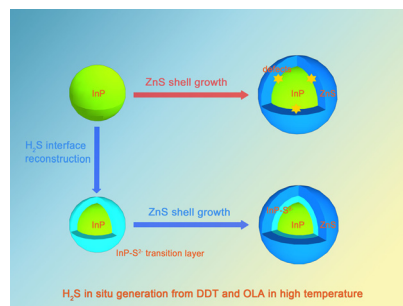
Ting Wen, Maodi Zhang, Jing Li, Chenyin Jiao, Shenghai Pei, Zenghui Wang* and Juan Xia*



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InP/ZnS quantum dot photoluminescence modulation via *in situ* H₂S interface engineering

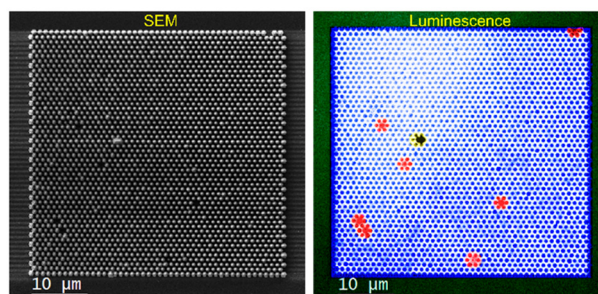
Xiang-Bing Fan, Dong-Wook Shin, Sanghyo Lee, Junzhi Ye, Shan Yu, David J. Morgan, Adrees Arbab, Jiajie Yang, Jeong-Wan Jo, Yoonwoo Kim, Sung-Min Jung, Philip R. Davies, Akshay Rao, Bo Hou and Jong Min Kim*



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Sonachand Adhikari,* Felipe Kremer, Mykhaylo Lysevych, Chennupati Jagadish and Hark Hoe Tan*



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Deeksha Sharma, Dheemahi Rao and Bivas Saha*

