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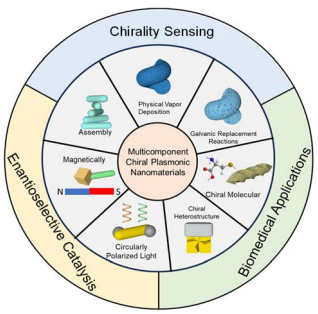
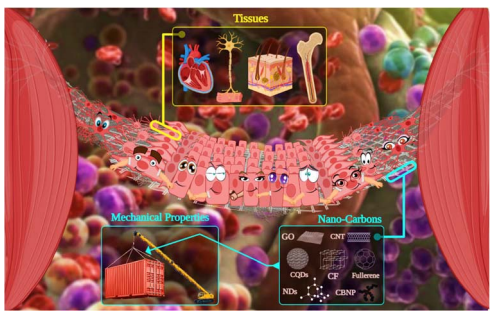
See Kantapat Chansaenpak, Chin Siang Kue, Anyanee Kamkaew *et al.*, pp. 406–417. Image reproduced by permission of Kantapat Chansaenpak from *Nanoscale Adv.*, 2024, **6**, 406.

Inside cover
See Xiaojuan Sun, Dabing Li *et al.*, pp. 418–427. Image reproduced by permission of Ke Jiang, Xiaojuan Sun, Dabing Li from *Nanoscale Adv.*, 2024, **6**, 418.

REVIEWS





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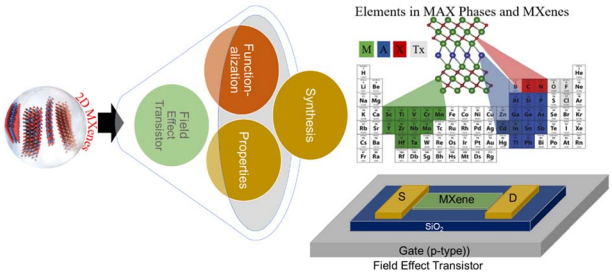
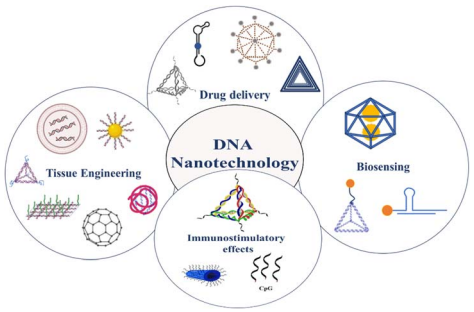
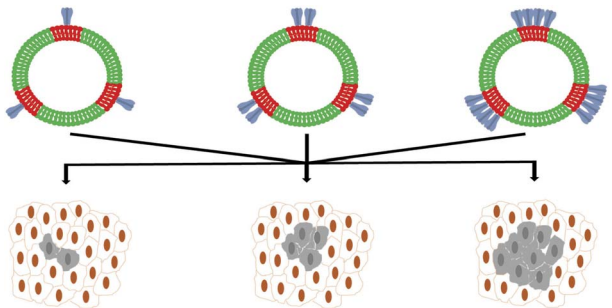




COMMUNICATION



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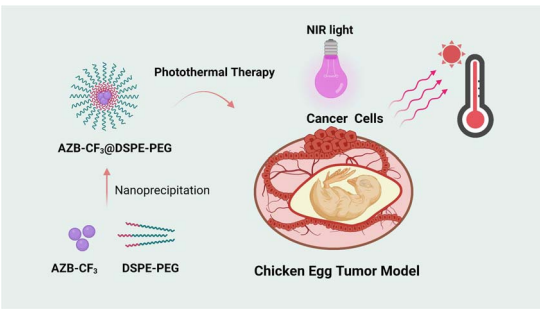

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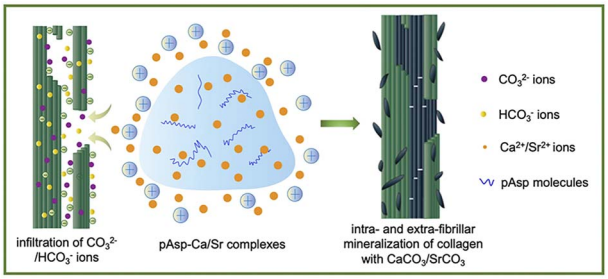

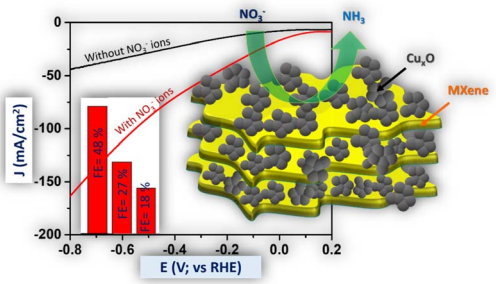

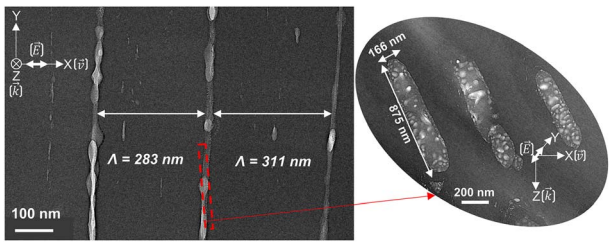

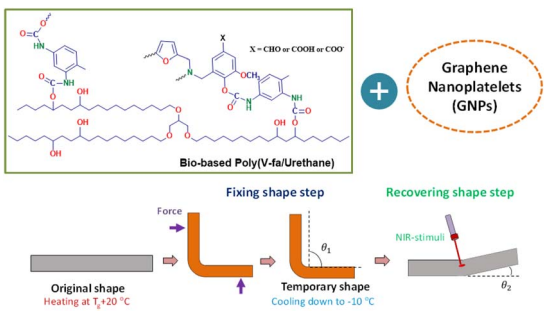

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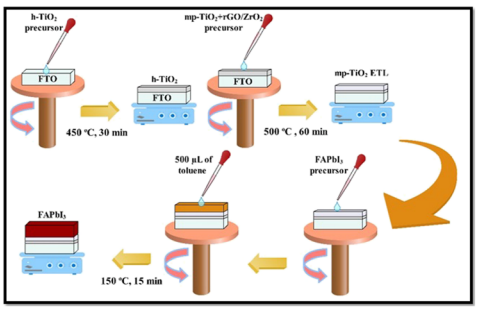

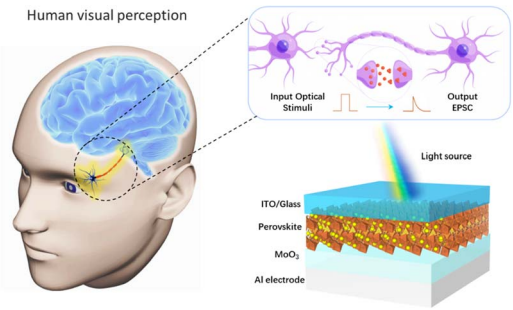

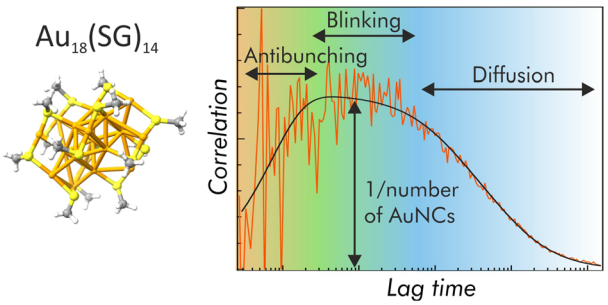

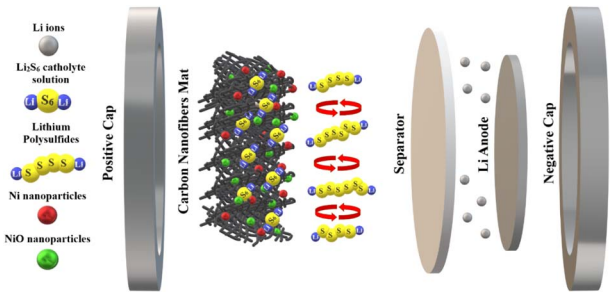

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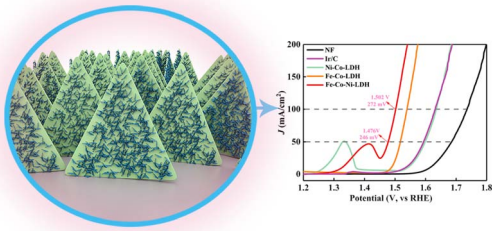

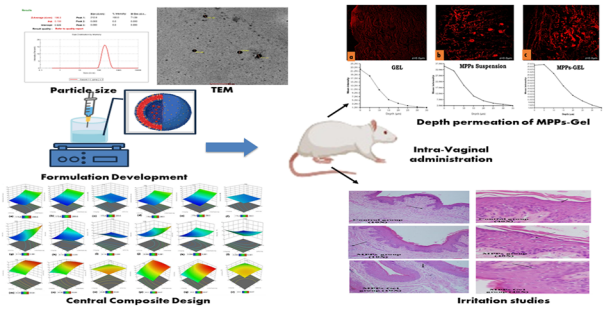

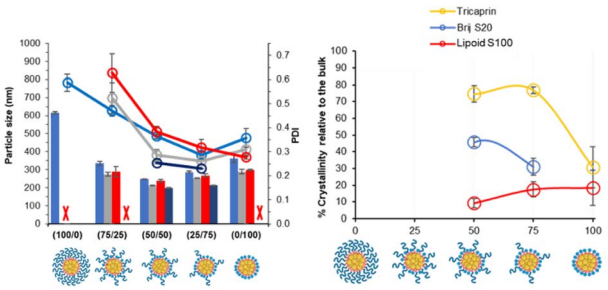

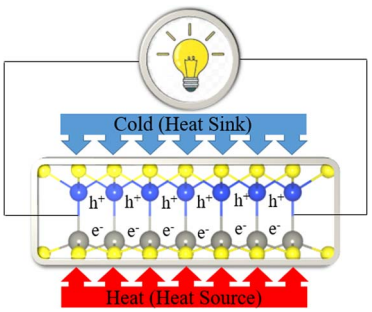

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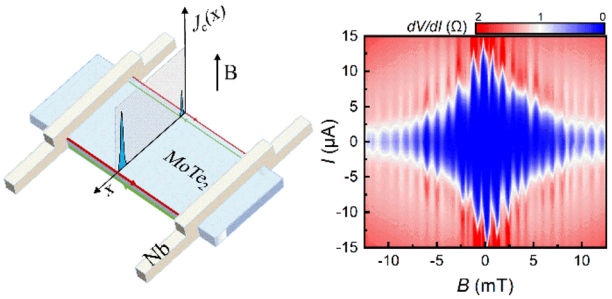

Asymmetric edge supercurrents in $MoTe_2$ Josephson junctions

Pingbo Chen, Jinhua Wang, Gongqi Wang, Bicong Ye, Liang Zhou, Le Wang, Jiannong Wang, Wenqing Zhang, Weiqiang Chen, Jiawei Mei and Hongtao He*

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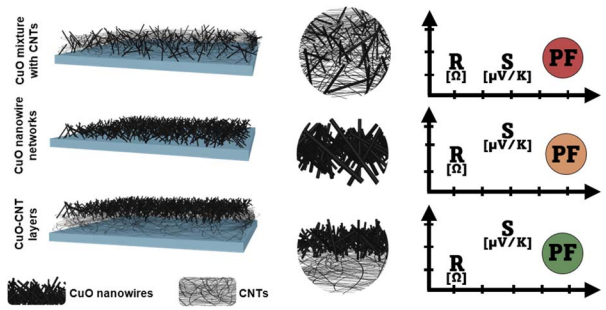

Synthesis and enhanced room-temperature thermoelectric properties of CuO–MWCNT hybrid nanostructured composites

Raitis Sondors, Davis Gavars, Elmars Spalva, Artis Kons, Rynno Lohmus, Margarita Volkova, Raimonds Meija and Jana Andzane*

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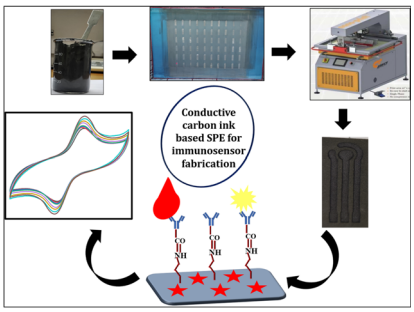

Nano-modified screen-printed electrode-based electrochemical immunosensors for oral cancer biomarker detection in undiluted human serum and saliva samples

Payal Gulati, Avinash Kumar Singh, Amit K. Yadav, Kiran Pasbola, Prerna Pandey, Rinu Sharma, Alok Thakar and Pratima R. Solanki*

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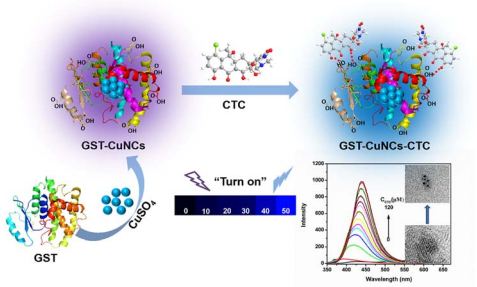

Glutathione *S*-transferase templated copper nanoclusters as a fluorescent probe for turn-on sensing of chlorotetracycline

Jiaxi Wang, Wenting Chen, Lei Cao, Mengyan Zhou, Yongkang Geng, Yifei Liu, Shushu Ding* and Ding-Yi Fu*

CORRECTION

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Correction: A novel study on the preferential attachment of chromophore and auxochrome groups in azo dye adsorption on different greenly synthesized magnetite nanoparticles: investigation of the influence of the mediating plant extract's acidity

Kaouthar Ahmouda,* Moussa Boudiaf and Boubaker Benhaoua