Nanoscale

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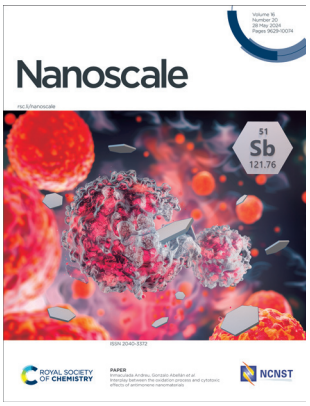
IN THIS ISSUE

ISSN 2040-3372 CODEN NANOHL 16(20) 9629–10074 (2024)



Cover
See Inmaculada Andreu, Gonzalo Abellán *et al.*, pp. 9754–9769.

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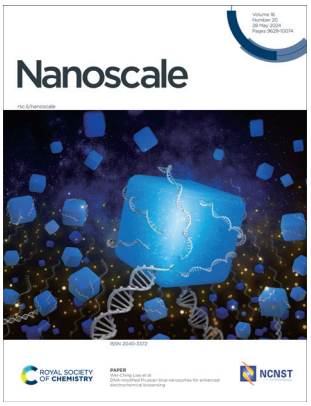

Inside cover
See Wei-Ching Liao *et al.*, pp. 9770–9780.

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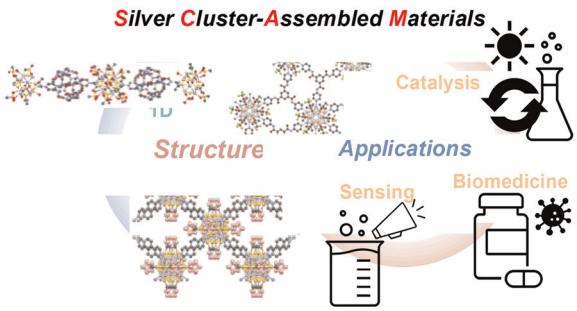
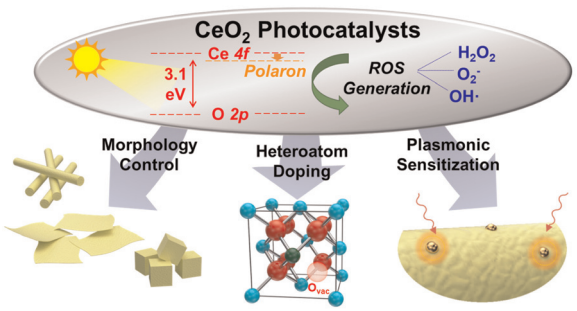
REVIEWS





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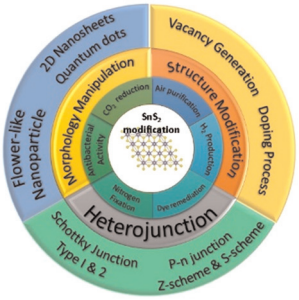

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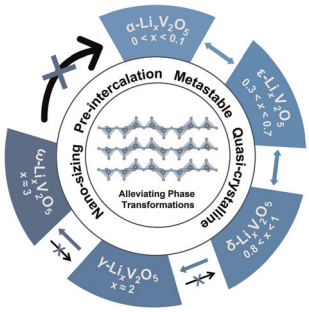
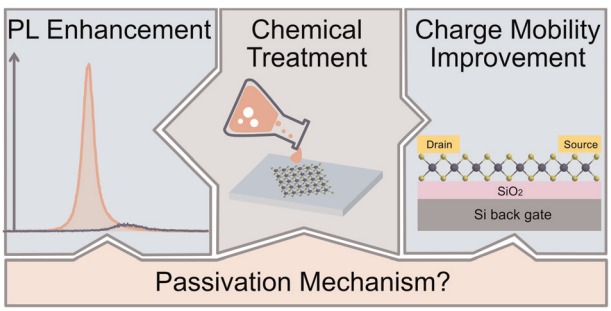
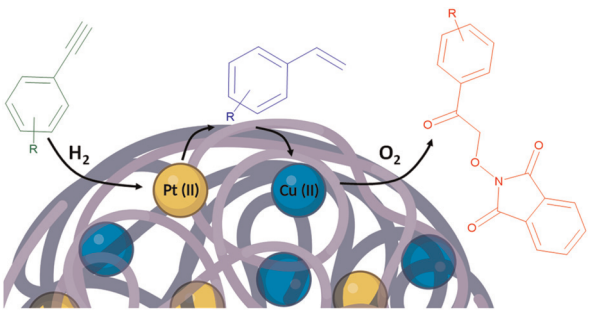




COMMUNICATIONS



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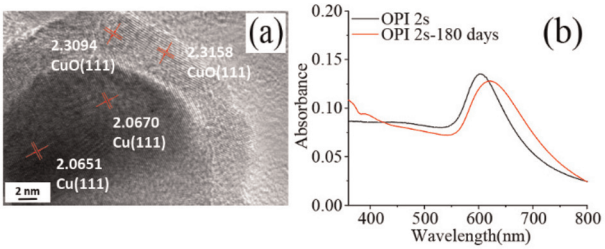

Highly stable localized surface plasmon resonance of Cu nanoparticles obtained *via* oxygen plasma irradiation

Yingcui Fang,* Bin Xu, Shuai Wang, Hongjun Liu, Jie Wang and Mengting Si*

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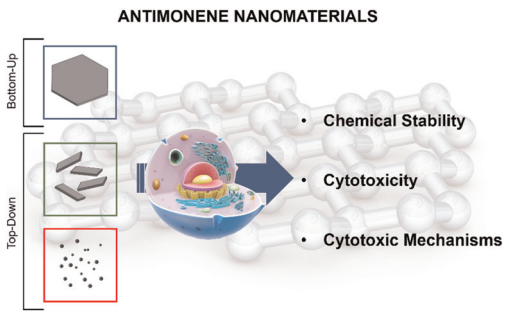
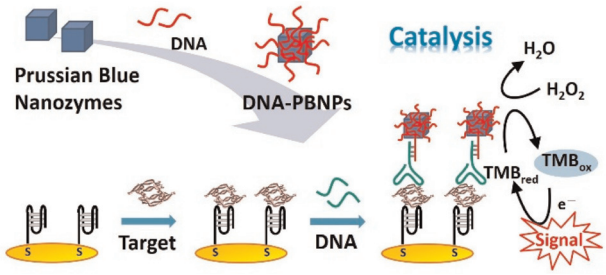


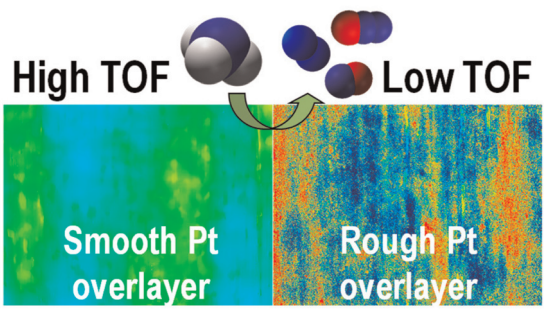
Interplay between the oxidation process and cytotoxic effects of antimonene nanomaterials

Pau Congost-Escoin, Matteo Andrea Lucherelli, Víctor Oestreicher, Guillermo García-Lainez, Marta Alcaraz, Martín Mizrahi, Maria Varela, Inmaculada Andreu* and Gonzalo Abellán*



DNA-modified Prussian blue nanozymes for enhanced electrochemical biosensing

Lin-Hui Huang, Yu-Yu Hsieh, Fu-An Yang and Wei-Ching Liao*



Catalytic NH_3 oxidation affected by the nanometric roughness of the platinum overlayer

Masato Machida,* Nayu Yamasaki, Tomoya Miyoshi, Hiroki Kusaba, Tetsuya Sato, Keisuke Awaya, Hiroshi Yoshida, Junya Ohyama, Teppei Ohori, Kohei Oka, Kenji Fujii and Naoya Ishikawa

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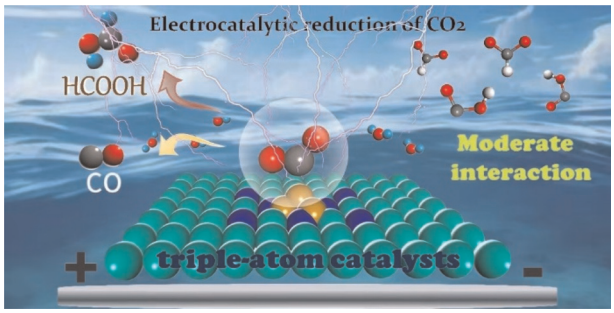

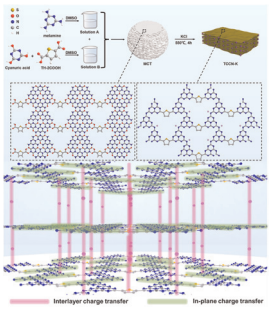

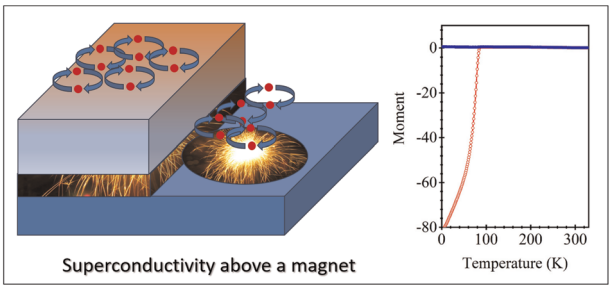

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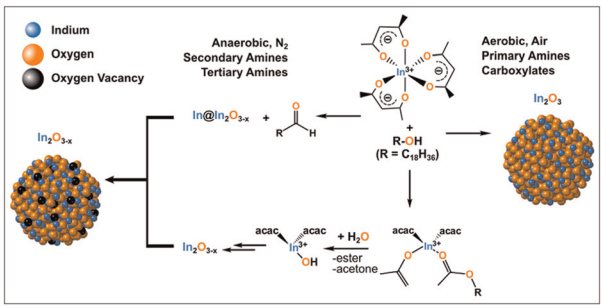

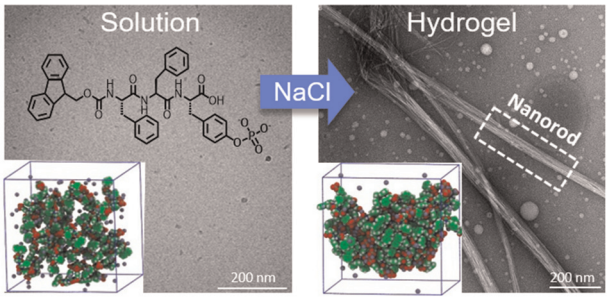

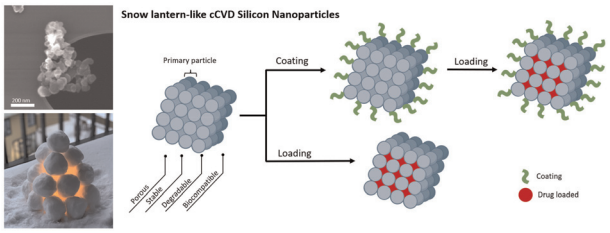

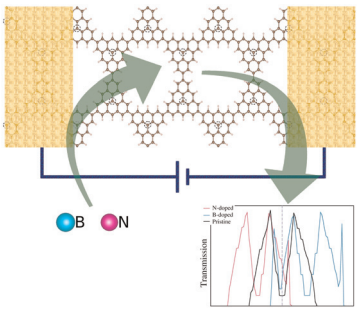

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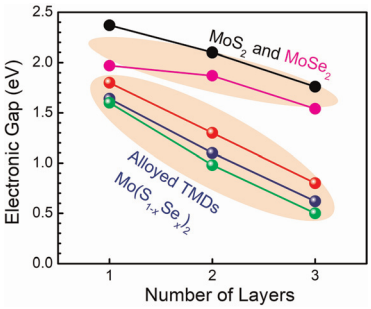

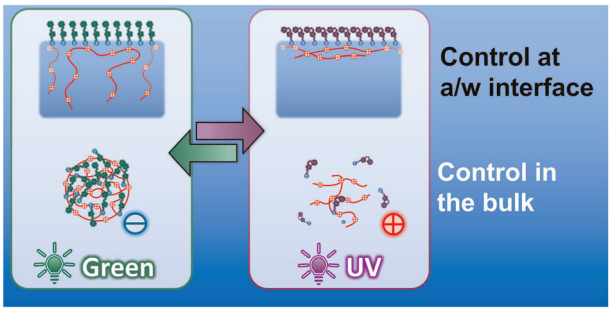

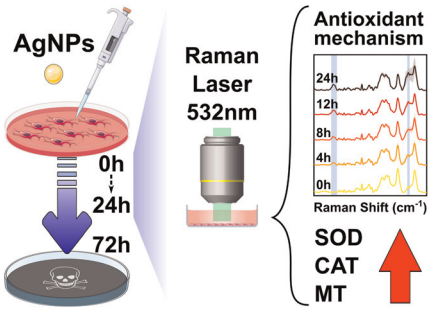

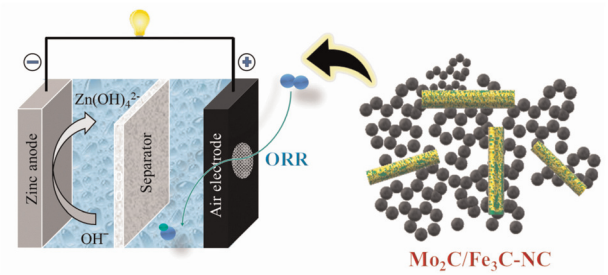

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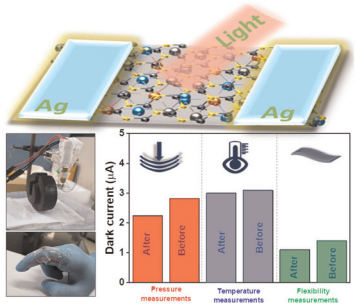

Fabrication of a wearable and foldable photodetector based on a WSe_2-MXene 2D–2D heterostructure using a scalable handprint technique

Rahul P. Patel, Parth V. Shah, Sohel Siraj, Parikshit Sahatiya, Pratik M. Pataniya and C. K. Sumesh*

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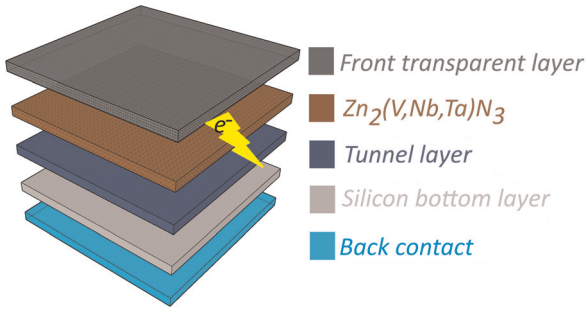

Carrier transport in bulk and two-dimensional $Zn_2(V,Nb,Ta)N_3$ ternary nitrides

Igor V. Kosarev and Andrey A. Kistanov*

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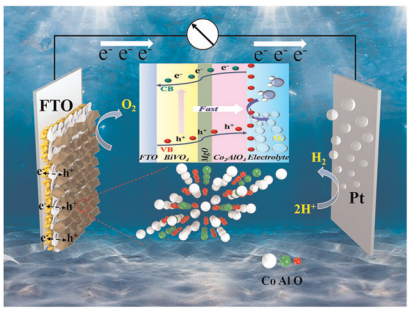

An MgO passivation layer and hydrotalcite derived spinel Co_2AlO_4 synergically promote photoelectrochemical water oxidation conducted using $BiVO_4$-based photoanodes

Jing Zhang, Kaiyi Chen, Yan Bai, Lei Wang, Jingwei Huang, Houde She and Qizhao Wang*

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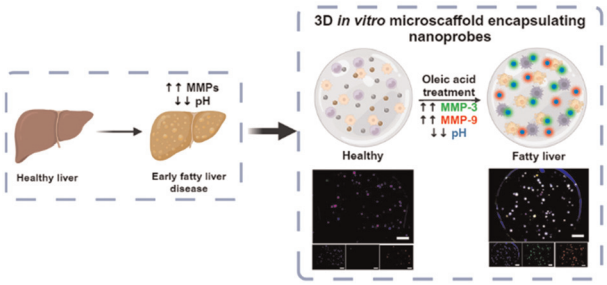

3D microscaffolds with triple-marker sensitive nanoprobes for studying fatty liver disease *in vitro*

Simran Kaur Rainu and Neetu Singh*

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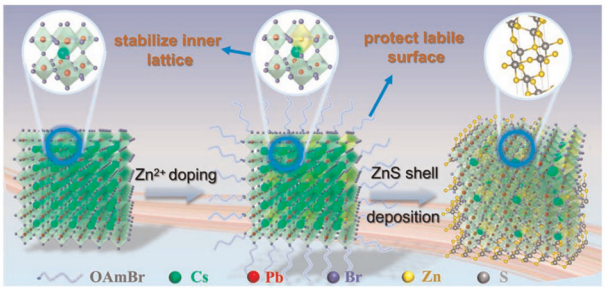

CORRECTION