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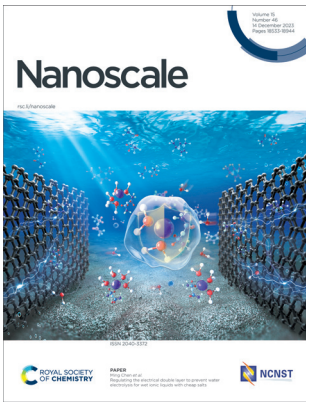
IN THIS ISSUE

ISSN 2040-3372 CODEN NANOHL 15(46) 18533–18944 (2023)



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See Ming Chen *et al.*, pp. 18603–18612.

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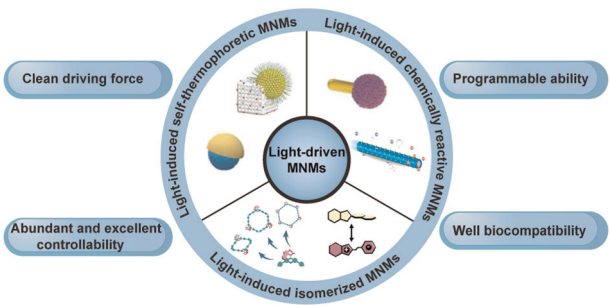
EDITORIAL

REVIEW



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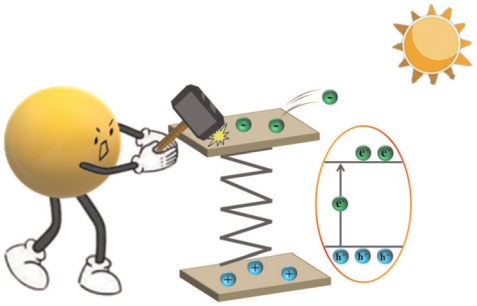

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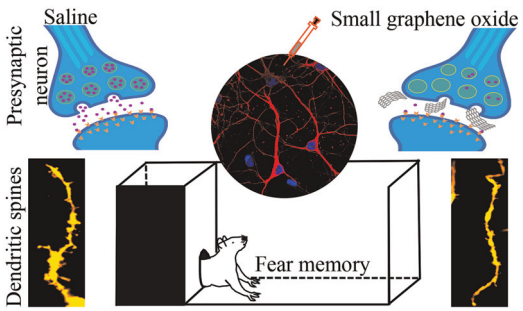

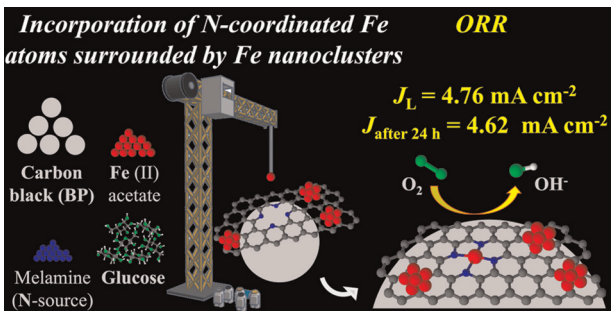

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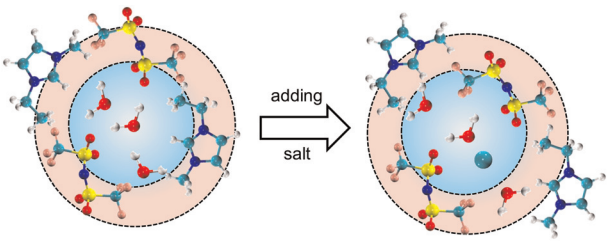

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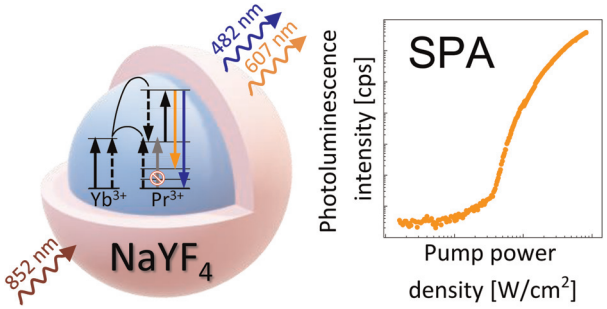

Understanding Yb^{3+}-sensitized photon avalanche in Pr^{3+} co-doped nanocrystals: modelling and optimization

Magdalena Dudek,* Zuzanna Korczak, Katarzyna Prorok, Oleksii Bezkrovnyi, Lining Sun, Marcin Szalkowski and Artur Bednarkiewicz*

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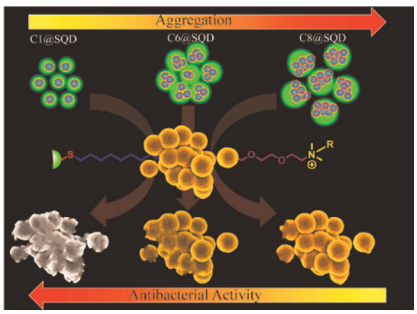

Post-functionalization of sulfur quantum dots and their aggregation-dependent antibacterial activity

Avijit Mondal, Subrata Pandit, Jagabandhu Sahoo, Yogeswari Subramaniam and Mrinmoy De*

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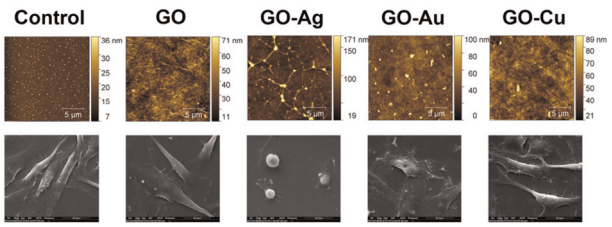

Nanostructured graphene oxide enriched with metallic nanoparticles as a biointerface to enhance cell adhesion through mechanosensory modifications

Michał Pruchniewski, Ewa Sawosz, Malwina Sosnowska-Ławnicka, Agnieszka Ostrowska, Maciej Łojkowski, Piotr Koczoń, Paweł Nakielski, Marta Kutwin, Sławomir Jaworski and Barbara Strojny-Cieślak*

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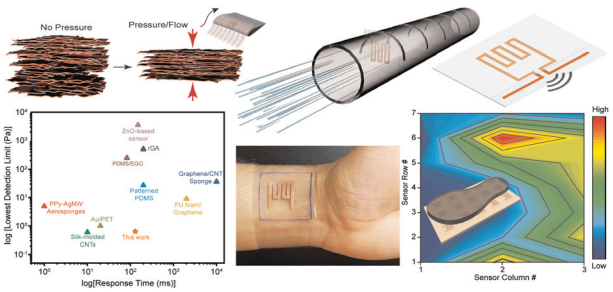

Printing conformal and flexible copper networks for multimodal pressure and flow sensing

Saurabh Khuje, Abdullah Islam, Jian Yu* and Shenqiang Ren*

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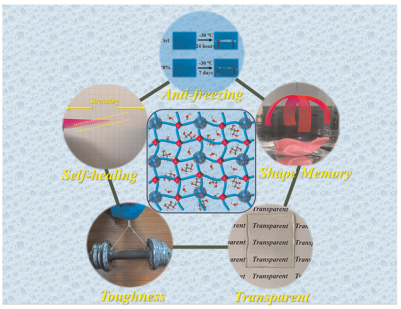

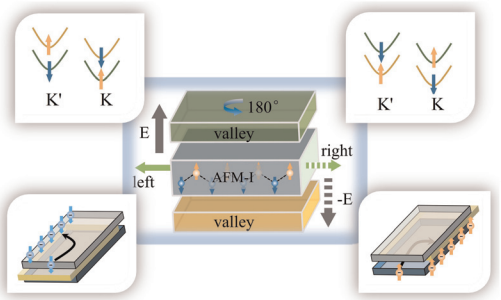

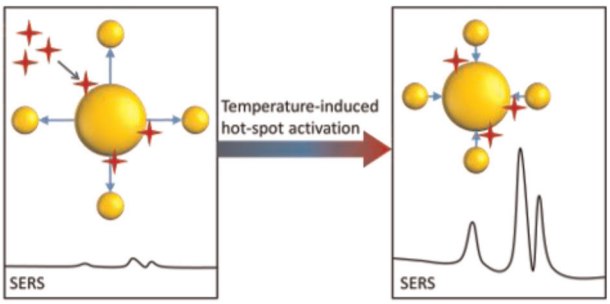

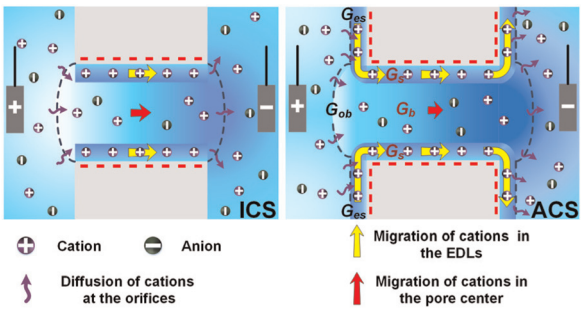

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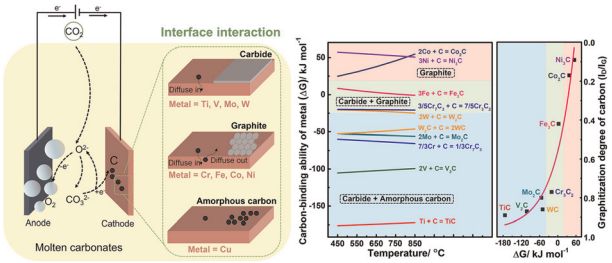

Unraveling the role of substrate materials in governing the carbon/carbide growth of molten carbonate electrolysis of CO_2

Rui Yu, Kaifa Du,* Bowen Deng, Huayi Yin and Dihua Wang*

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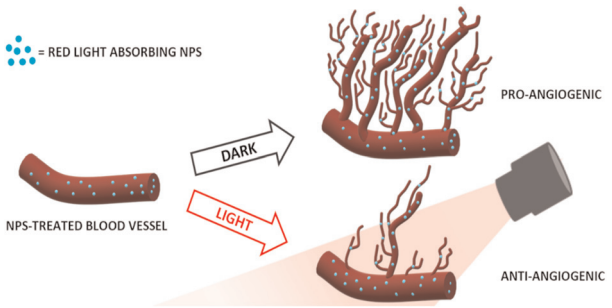

Bimodal modulation of *in vitro* angiogenesis with photoactive polymer nanoparticles

Gabriele Tullii,* Edgar Gutierrez-Fernandez, Carlotta Ronchi, Christian Bellacanzone, Luca Bondi, Miryam Criado-Gonzalez, Paola Lagonegro, Francesco Moccia, Tobias Cramer, David Mecerreyes, Jaime Martín and Maria Rosa Antognazza*

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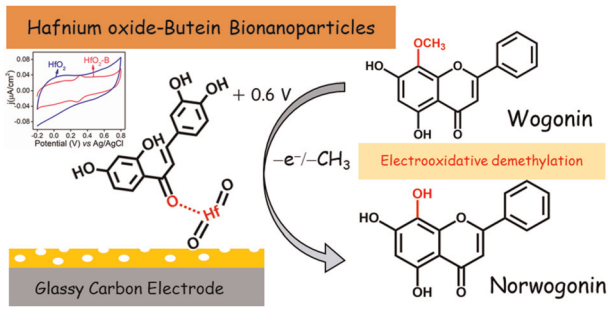

Buteinylated-hafnium oxide bionanoparticles for electrochemical sensing of wogonin

Vinoth Krishnan, Moghitha Parandhaman, Ramya Kanagaraj and Murugan Veerapandian*

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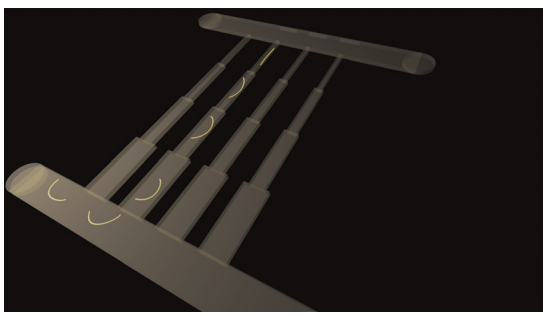

Probing physical properties of single amyloid fibrils using nanofluidic channels

Nima Sasanian, Rajhans Sharma, Quentin Lubart, Sriram KK, Marziyeh Ghaeidamini, Kevin D. Dorfman, Elin K. Esbjörner* and Fredrik Westerlund*

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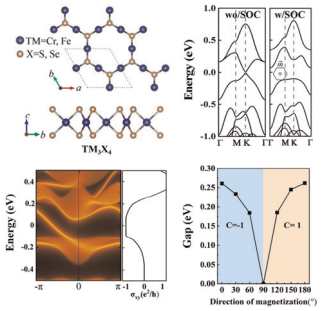
Insight into the quantum anomalous Hall states in two-dimensional kagome Cr_3Se_4 and Fe_3S_4 monolayers

Huijie Lian, Xiaokang Xu, Ying Han, Jie Li, Wenqi Zhou, Xiaojing Yao,* Jinlian Lu* and Xiuyun Zhang*



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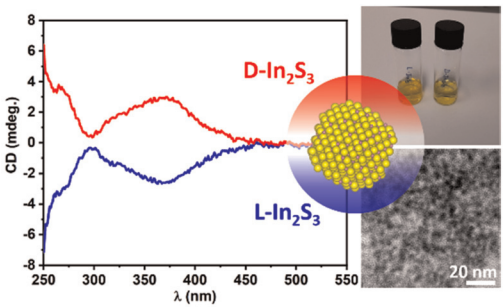
Ligand induced chirality in In_2S_3 nanoparticles

Lorenzo Branzi,* Oriane Lavet and Yurii K. Gun'ko*



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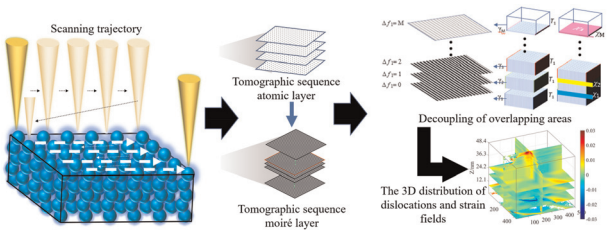
A STEM tomographic multiplication nano-moiré method

Yao Zhao, Huihui Wen, Yang Yang, Jie Dong, Wei Feng, Hongye Zhang, Zhanwei Liu* and Chao Liu*



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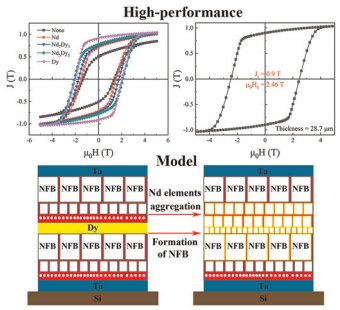
Simultaneous enhancement of coercivity and saturation magnetization in high-performance anisotropic NdFeB thick films with a Dy diffusion layer

Zhixing Ye, Xiaotian Zhao,* Long Liu, Wei Liu,* Jinghui Wang, JinXiang Wu, Yang Li, Jun Ma, Hongzhan Ju and Zhidong Zhang



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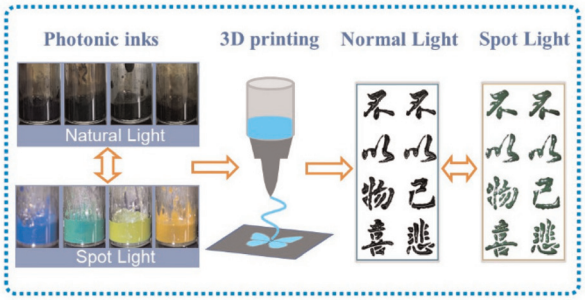

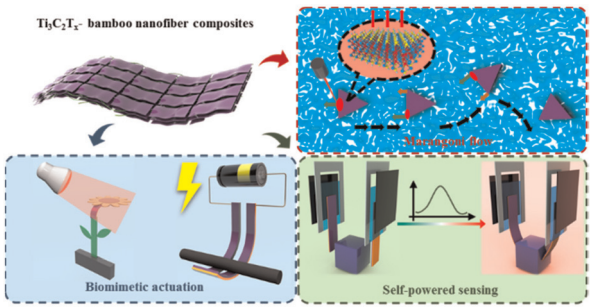

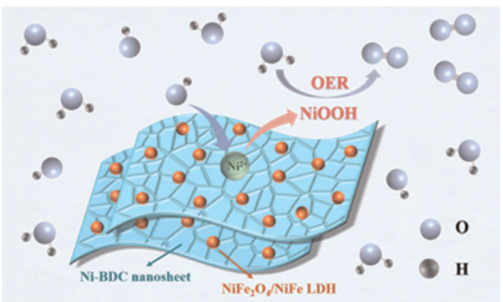

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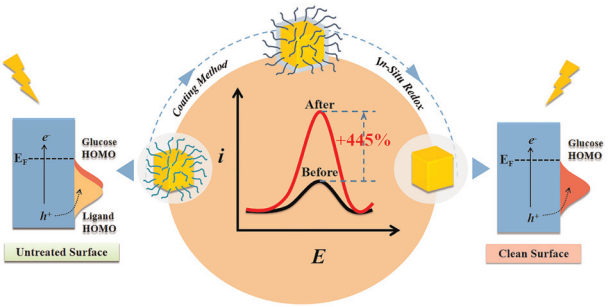

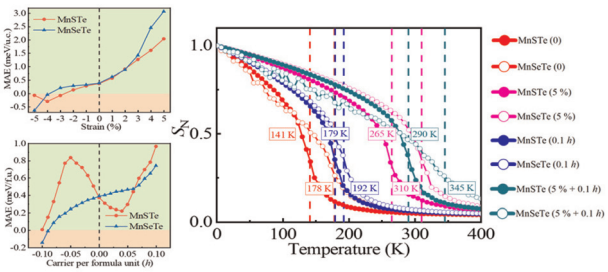

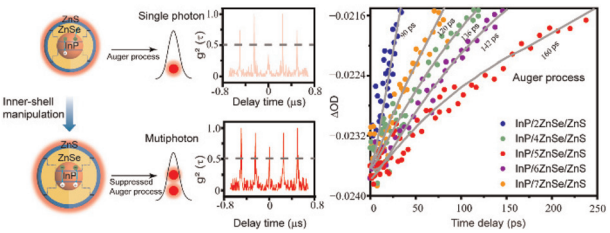

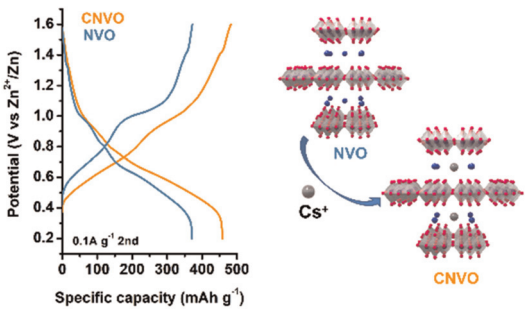

EXPRESSION OF CONCERN

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Expression of concern: Versatile plasmonic-effects at the interface of inverted perovskite solar cells

Ahmed Esmail Shalan, Tomoya Oshikiri, Hiroki Sawayanagi, Keisuke Nakamura, Kosei Ueno, Quan Sun, Hui-Ping Wu, Eric Wei-Guang Diau* and Hiroaki Misawa*

CORRECTIONS

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Correction: Integrated 4-terminal single-contact nanoelectromechanical relays implemented in a silicon-on-insulator foundry process

Yingying Li, Elliott Worsey, Simon J. Bleiker, Pierre Edinger, Mukesh Kumar Kulsreshath, Qi Tang, Alain Yuji Takabayashi, Niels Quack, Peter Verheyen, Wim Bogaerts, Kristinn B. Gylfason, Dinesh Pamunuwa* and Frank Niklaus*

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Correction: Ferromagnetic and half-metallic phase transition by doping in a one-dimensional narrow-bandgap W_6PCl_{17} semiconductor

Yusen Qiao and Huabing Yin*

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