Nanoscale

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IN THIS ISSUE

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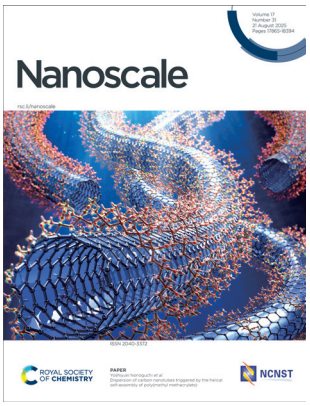

Cover
See Yoshiyuki Nonoguchi *et al.*, pp. 18105–18111.

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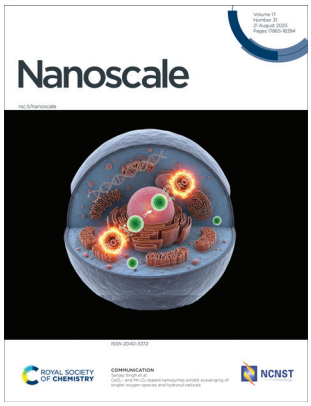

Inside cover
See Sanjay Singh *et al.*, pp. 18077–18082.

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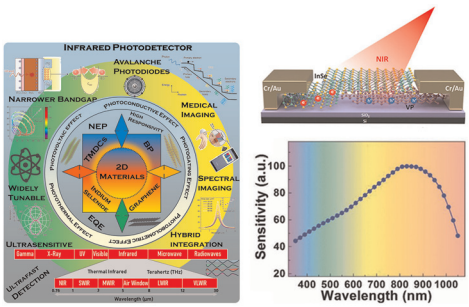
EDITORIAL

REVIEWS



EES Batteries

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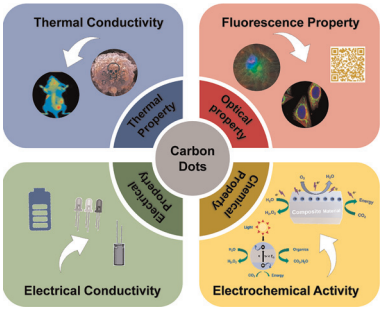

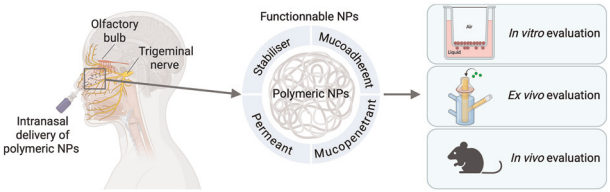

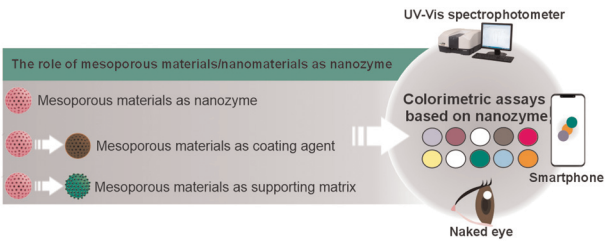

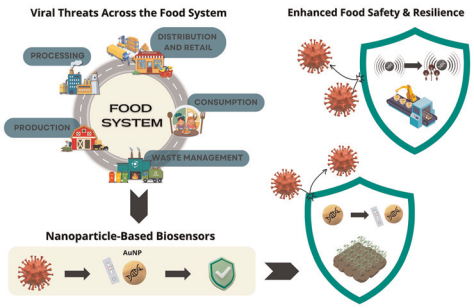

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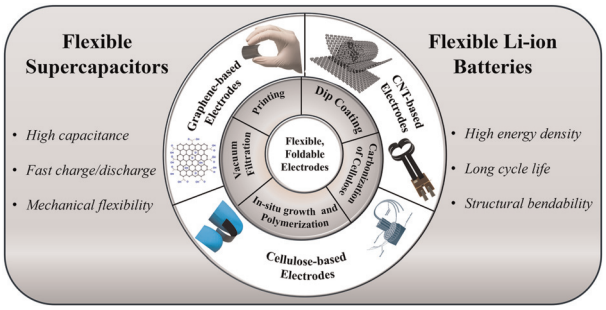
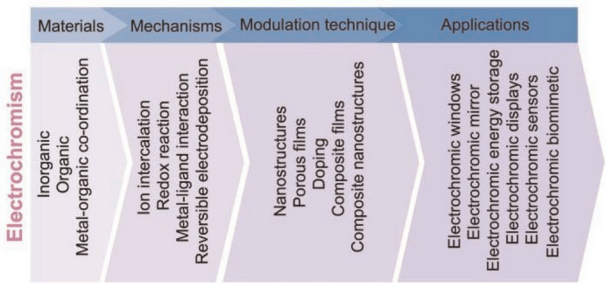


Flexible electrodes for high-performance energy storage: materials, conductivity optimization, and scalable fabrication

Muhammad Shoaib Tahir, Iqra Kainat, Hammad Ghazanfar and Young Soo Seo*

18049



Materials, mechanisms, and emerging applications of electrochromic systems

Taimur Ahmed,* Aishani Mazumder, Sruthi Kuriakose, Aditya Dubey, Aaron Elbourne, Jiawen Ren, Vaishnavi Krishnamurthi, Everson Kandare, Irfan Haider Abidi, Enrico Della Gaspera, Sivacarendran Balendhran* and Sumeet Walia*

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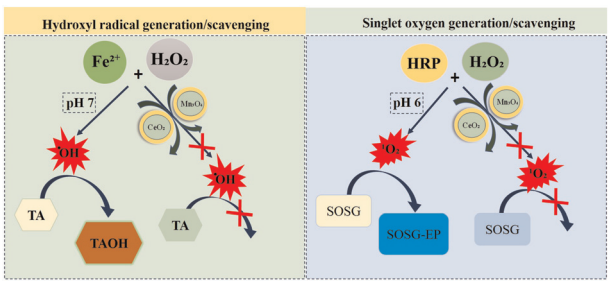
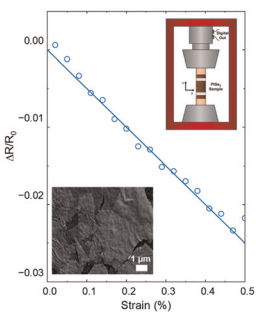
18077



CeO_2- and Mn_3O_4-based nanozymes exhibit scavenging of singlet oxygen species and hydroxyl radicals

Krishnendu M. R., Divya Mehta and Sanjay Singh*

18083



Solution-processed negative gauge factor $PtSe_2$ strain sensors

Cansu Ilhan, Eoin Caffrey, Shixin Liu, Jose Munuera, Zdeněk Sofer, Iva Plutnarová, Michael A. Morris, Jonathan N. Coleman* and Tian Carey*

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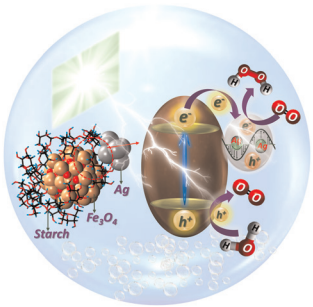

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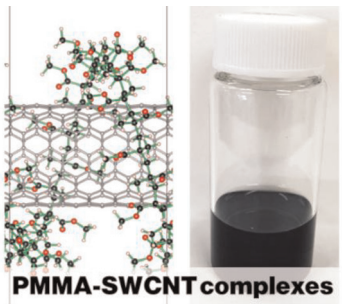

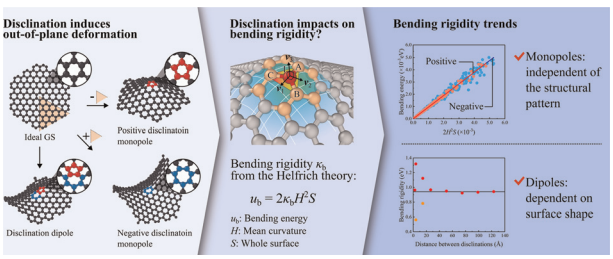

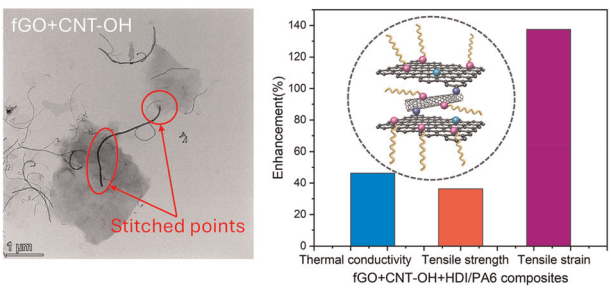

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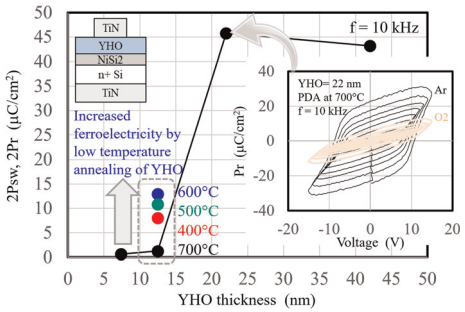

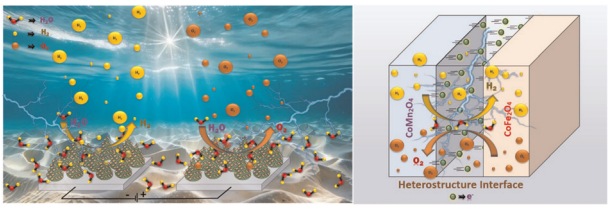

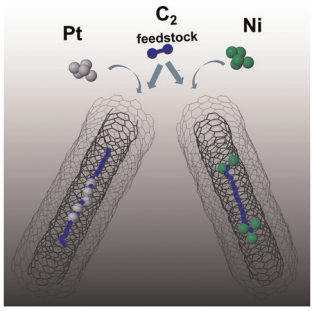

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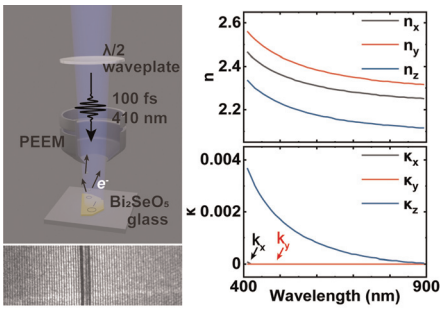

Optical anisotropy of Bi_2SeO_5 and near-field characterization of its waveguide modes

Jinglin Tang, Yaolong Li,* Jingyue Wang,* Yongchao Zhu, Xiaofang Li, Pengzuo Jiang, Jingying Xiao, Yuxin Zhang, Qinyun Liu, Minghao Deng, Guanyu Zhang, Zini Cao, Shufeng Wang, Hong Yang, Xiaoyong Hu,* Han Gao,* Hailin Peng,* Guowei Lyu* and Qihuang Gong

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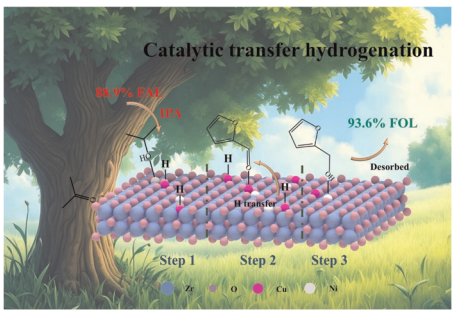

Synergistic effects of bimetallic CuNi–ZrO_2 catalysts in catalytic transfer hydrogenation of furfural

Chenghu Zhang, Zezhou Xing, Ying Li, Tong Xu, Yinghui Sun* and Jie Bai*

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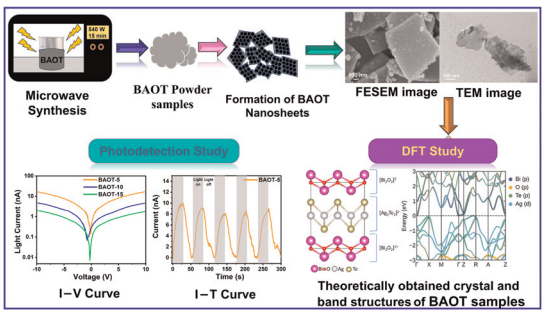
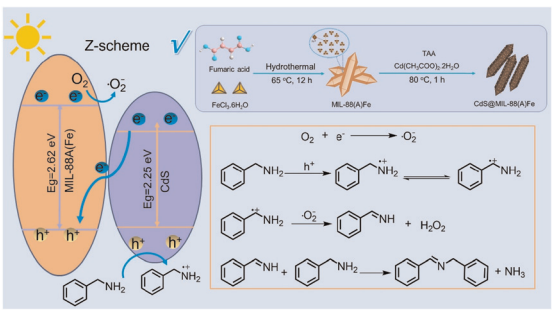


BiAgOTe nanosheets with enhanced photoresponse ability: an experimental and computational study

Prabhukrupa Chinmay Kumar, Jnanranjan Panda, Lokanath Patra, Subhashree Mohanty, Sripan Chinnaiyah and Ramakanta Naik*

18255



Core–shell-structured Z-scheme CdS@MIL-88(A)Fe heterojunctions for efficient visible light photocatalytic oxidative coupling of benzylamines to imines

Xueqing Xu,* Wenwen Lu, Xuan Sun, Xiaorong Yang, Yezi Zhao, Ziqiang Lei and Zhiwang Yang*

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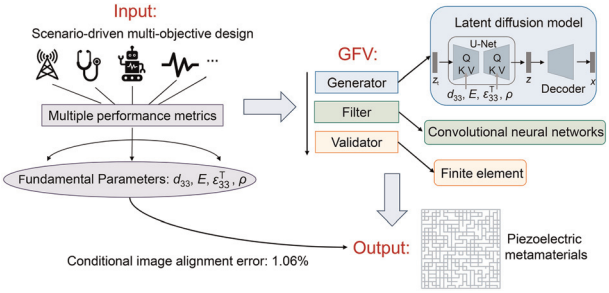
A generative diffusion model enables multi-objective on-demand inverse design of piezoelectric metamaterials

Chun-Yu Lei, Jian Wang, Run-Lin Liu, Meng-Jun Zhou and Zhong-Hui Shen*



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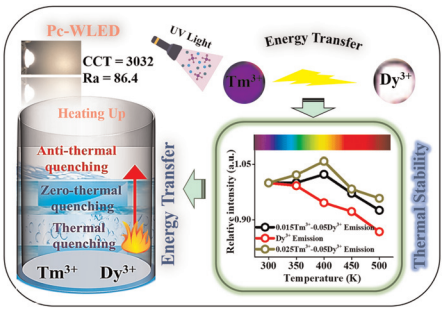
Modulating anti-thermal and concentration quenching for enhanced dysprosium emission

Wasim Ullah Khan, Haris Zaman, Waheed Ullah Khan and Haiou Zhu*



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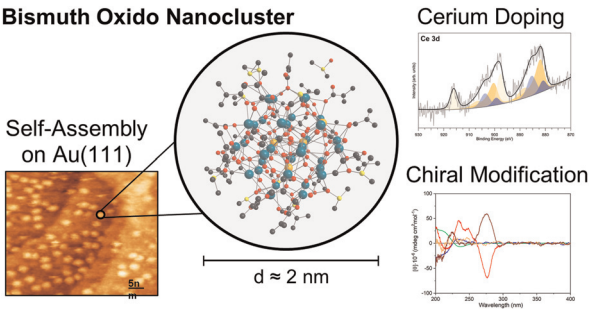
Atomically precise bismuth oxido nanoclusters: cerium doping for optical modification and supramolecular self-assembly on Au(111)

Rico Thomas, Thi Ngoc Ha Nguyen, Marcus Weber, Tobias Rüffer, Fabian Göhler, Antareekshya Deka, Andreas Pöppl, Thomas Seyller, Christoph Tegenkamp and Michael Mehring*



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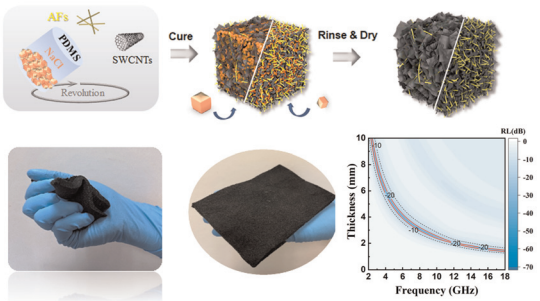
Super-compressible aramid fiber-reinforced carbon nanotube/polydimethylsiloxane foams with high frequency tunable microwave attenuation and adjustable mechanical properties

Hui Ji, Junru Yao, Jichen Zhao, Yijing Zhao, Sreekanth Ginnaram, Jiaqi Tao, Khoo Boo Cheong and Yong Yang*



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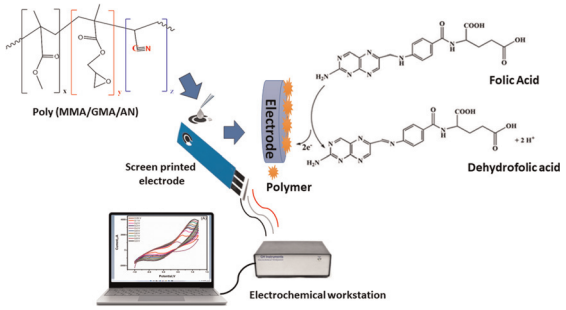

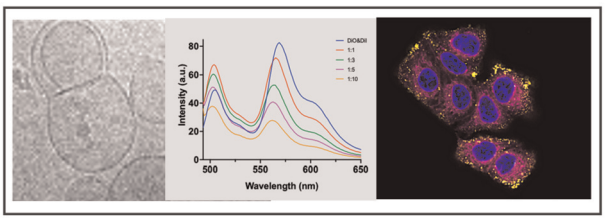

CORRECTION