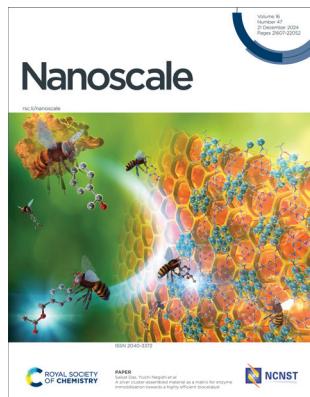


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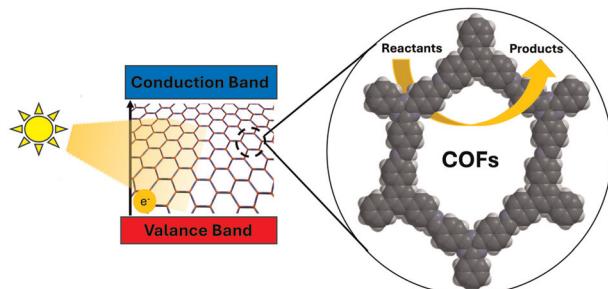
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Photocatalytic applications of covalent organic frameworks: synthesis, characterization, and utility

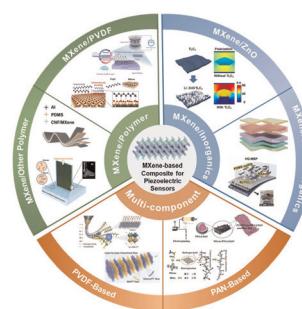
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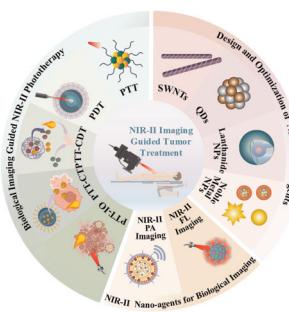
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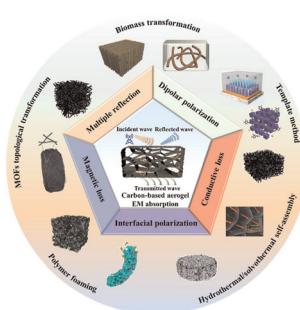
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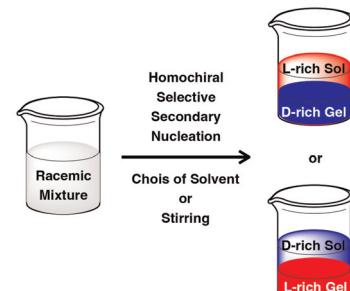


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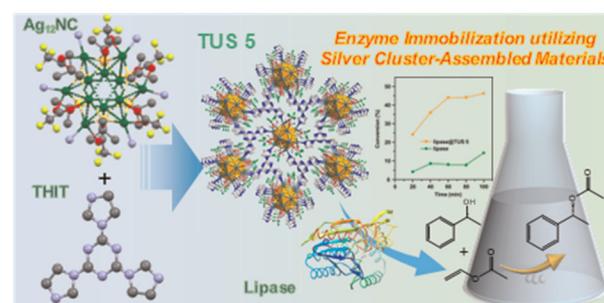


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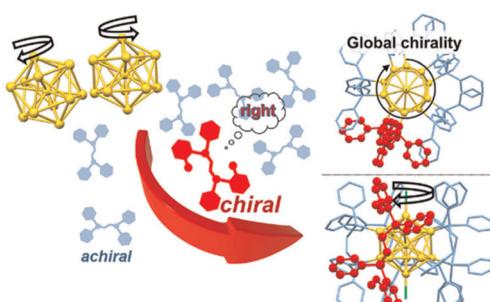
A silver cluster-assembled material as a matrix for enzyme immobilization towards a highly efficient biocatalyst

Jin Sakai, Kohki Sasaki, Riki Nakatani, Saikat Das* and Yuichi Negishi*



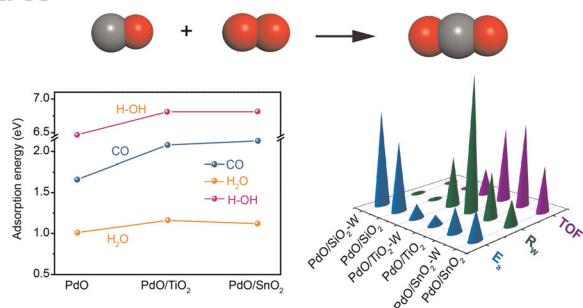
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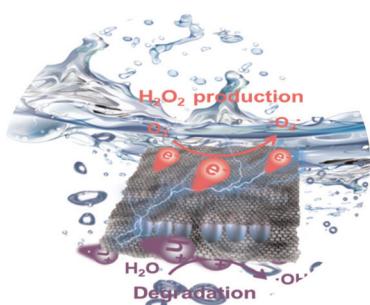
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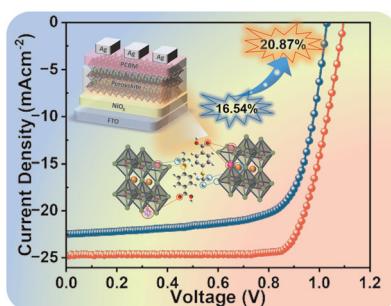
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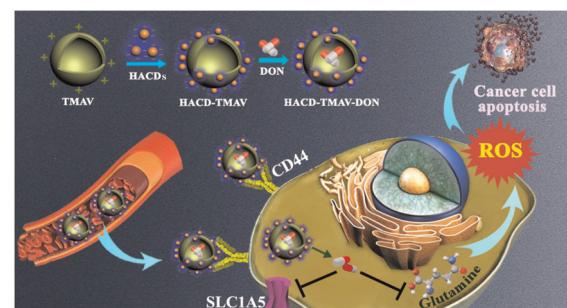


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DON encapsulated carbon dot–vesicle conjugate in therapeutic intervention of lung adenocarcinoma by dual targeting of CD44 and SLC1A5

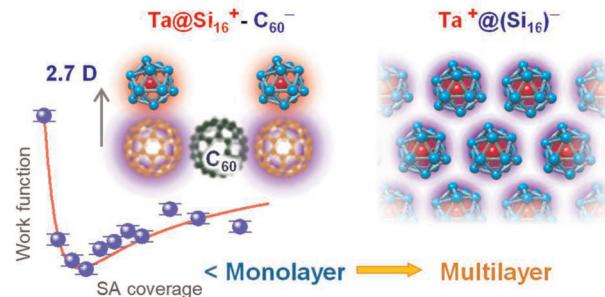
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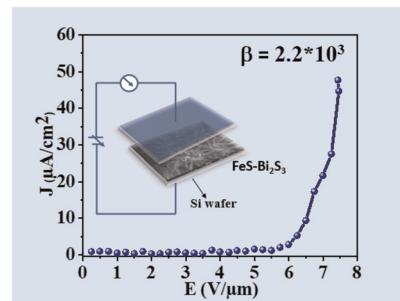
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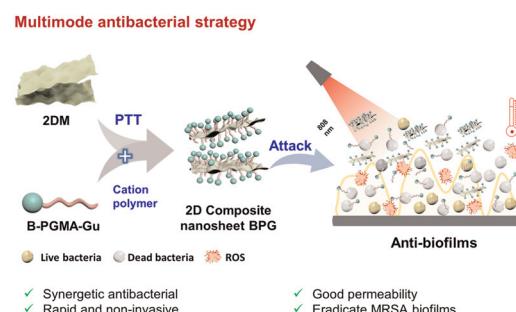
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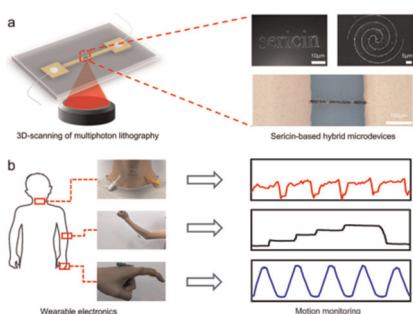
Synergetic antibacterial nanosheet based on Ti₃C₂T_x photothermal therapy and cationic polymer to eradicate drug-resistant bacterial biofilms

Chuming Pang, Yingxin Tan, Jiahao Ling and Liangzhi Hong*



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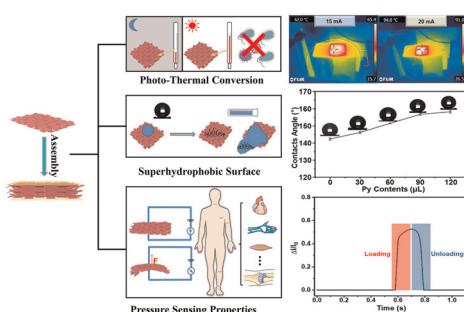
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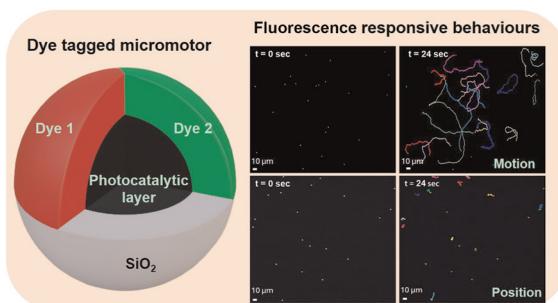
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Flexible wearable piezoresistive physical sensors with photothermal conversion and self-cleaning functions for human motion monitoring

Xingzhong Chen, Qianqian Tian, Zheng Xiong, Min Wu and Xiao Gong*

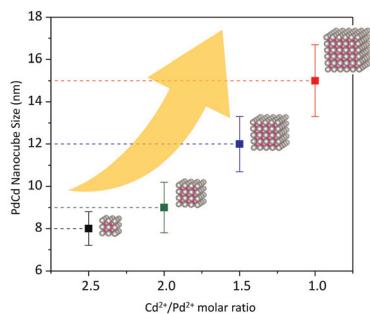
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Exploring size-dependent optical property alterations in fine-tuning intermetallic PdCd nanocube sizes

Jia-Lin Li, Ting-Yu Tien, Hung-Chun Liao and Hsin-Lun Wu*

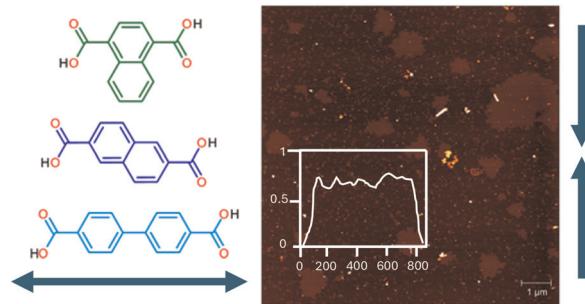


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Liquid exfoliation of a series of expanded layered Cu(II)-paddlewheel metal–organic frameworks to form nanosheets

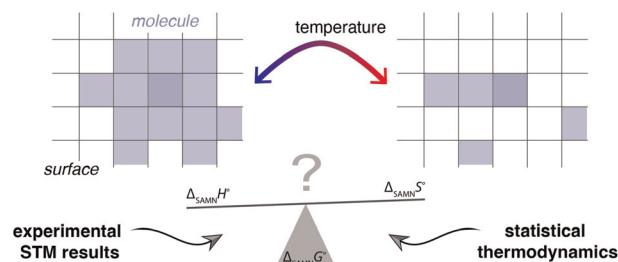
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Investigation of the temperature effect on the formation of a two-dimensional self-assembled network at the liquid/solid interface

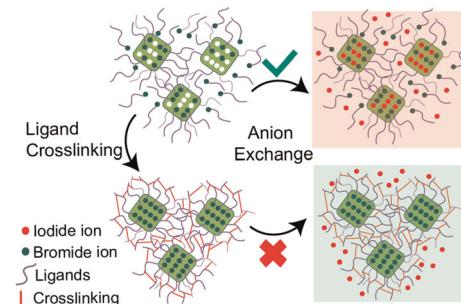
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Retarding anion exchanges in lead halide perovskite nanocrystals by ligand immobilization

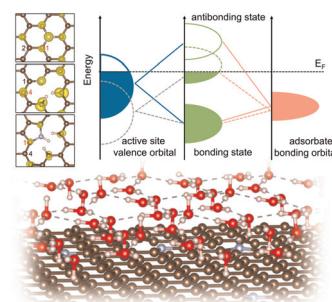
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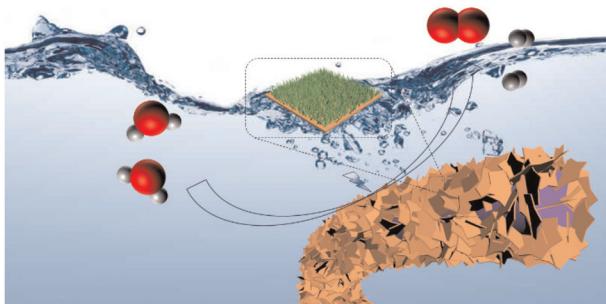
Oxygen electrode catalysis in N-doped graphene: the role of nitrogen coordination and solvation effects

Junxian Liu, Yun Wang,* Yuantong Gu* and Liangzhi Kou*



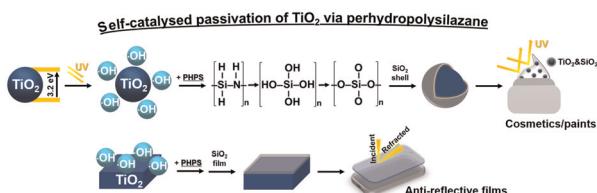
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**Interfacial coupling of NiSe in heterostructures promotes electrocatalytic hydrolysis of MoS₂**

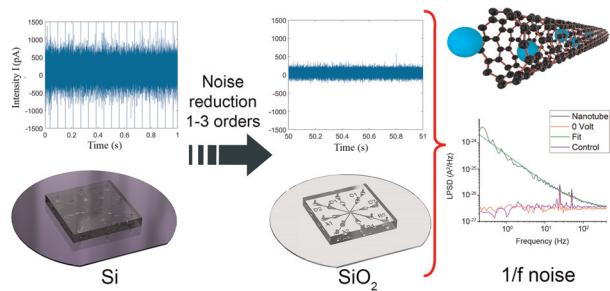
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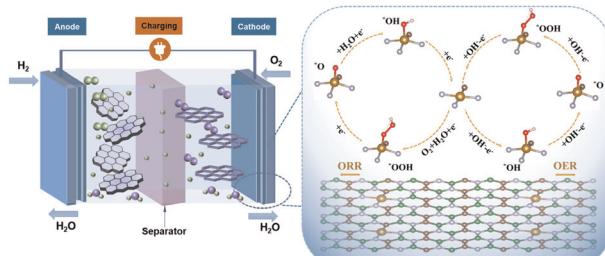
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**Ultra-low noise measurements of ionic transport within individual single-walled carbon nanotubes**

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**Insights into the electrochemical catalytic mechanism of atomically dispersed metal on h-BCN monolayer**

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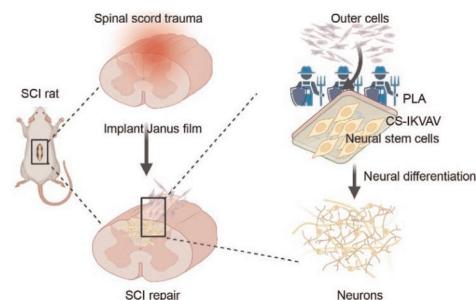


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Polylactic acid/chitosan-IKVAV Janus film serving as a dual functional platform for spinal cord injury repair

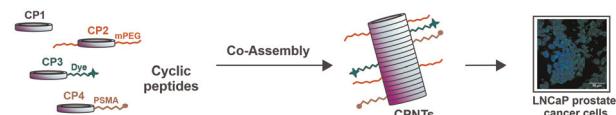
Liyang Yu, Haoyong Jin, He Xia, Xiaoxiong Wang, Liang Wang, Dezheng Li, Jiangli Zhao, Yuanhua Sang, Jichuan Qiu, Ning Lu,* Hong Liu* and Ning Yang*



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Tailored peptide nanomaterials for receptor targeted prostate cancer imaging

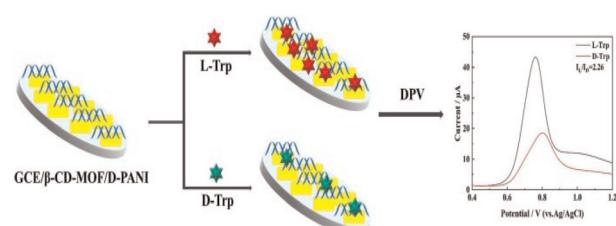
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22011

Electrochemical chiral recognition of tryptophan enantiomers by using chiral polyaniline and β -CD-MOF

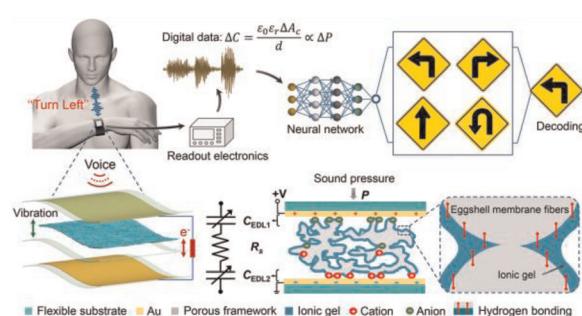
Jiamin Liang, Yuxin Song, Huan Xing, Liang Ma, Fengxia Wang, Mingfang Zhang, Hongli Zhang,* Gang Zou* and Guang Yang*



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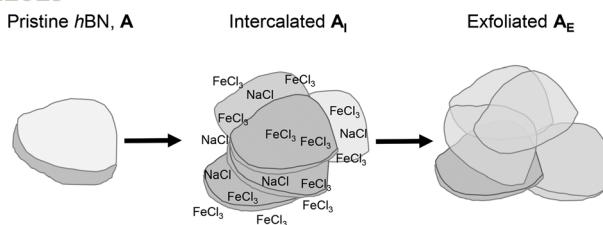
Highly stable and ultra-fast vibration-responsive flexible iontronic sensors for accurate acoustic signal recognition

Yan Wang,* Weiqiang Liao, Xikai Yang, Kexin Wang, Shengpeng Yuan, Dan Liu, Cheng Liu, Shiman Yang and Li Wang*



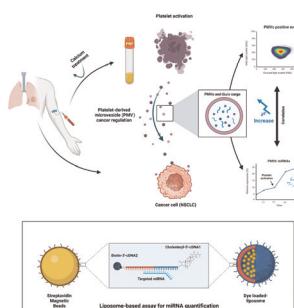
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**High yield exfoliation of sub-micron hexagonal boron nitride using a solvent free method**

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**A liposome-based assay for cancer biomarker detection: exploring the correlation between platelet-derived microvesicles and NSCLC-associated miRNAs**

Mohamed Aimene Benariba, Kanza Hannachi, Sha Zhu,* Yuting Zhang, Xiaoli Wang and Nandi Zhou*

CORRECTIONS

22047

Correction: A multifunctional black phosphorus nanosheet-based immunomagnetic bio-interface for heterogeneous circulating tumor cell capture and simultaneous self-identification in gastric cancer patients

Yifan Zuo, Yi Xia, Wenwen Lu, Yue Li, Yang Xiao, Shuai Gao, Zhiyi Zhou, Hao Xu, Xingqing Feng, Chenglin Li* and Yanyan Yu*

22048

Correction: Cytomembrane-mimicking nanocarriers with a scaffold consisting of a CD44-targeted endogenous component for effective asparaginase supramolecule delivery

Yongjia Huang, Jing Gu, Zijun Yan, Xueyuan Hu, Dan He, Yonghong Zhang, Yao Li, Cailing Zhong, Jie Yang, Da Shi, Ruben Abagyan, Qunyou Tan* and Jingqing Zhang*

