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IN THIS ISSUE

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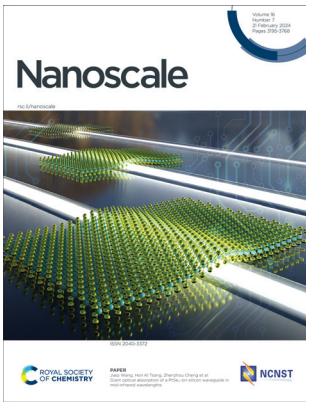

Cover
See Jiaqi Wang, Hon Ki Tsang, Zhenzhou Cheng *et al.*, pp. 3448–3453.

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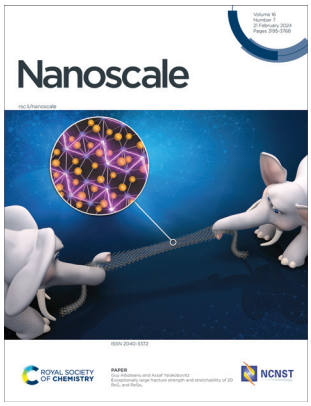

Inside cover
See Guy Alboteanu and Assaf Ya'akobovitz, pp. 3454–3461.

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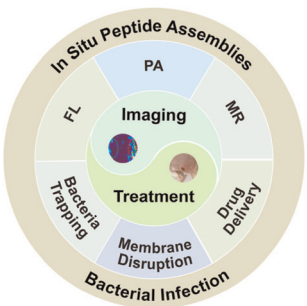
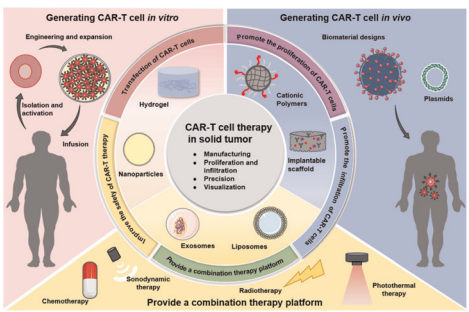
REVIEWS





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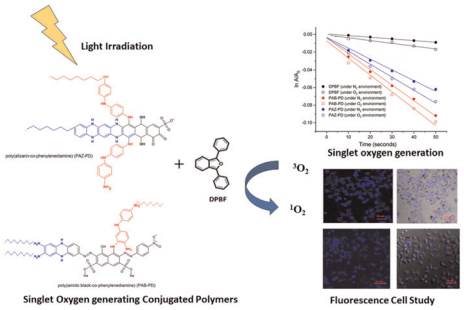

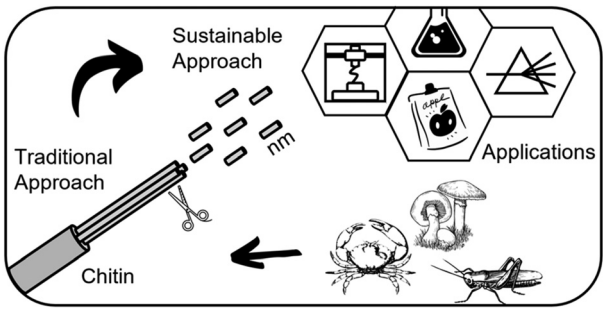

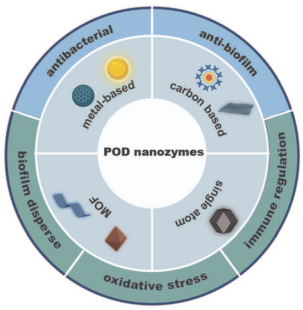

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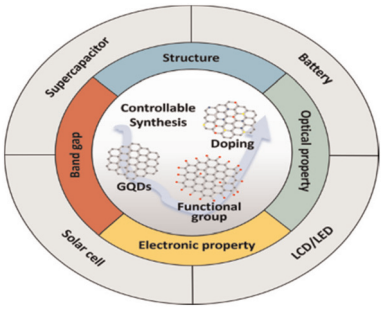

Engineering functionalization and properties of graphene quantum dots (GQDs) with controllable synthesis for energy and display applications

Hyeonwoo Cho, Gaeun Bae and Byung Hee Hong*

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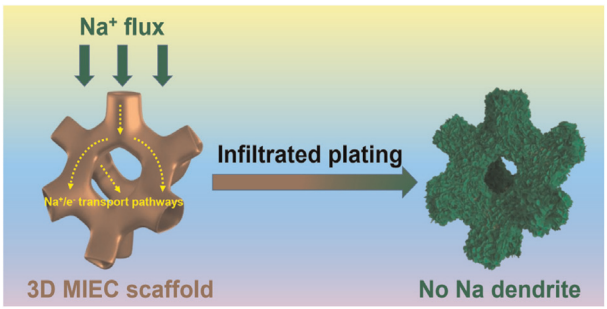
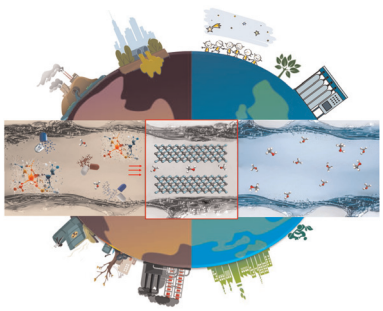


3D mixed ion/electron-conducting scaffolds for stable sodium metal anodes

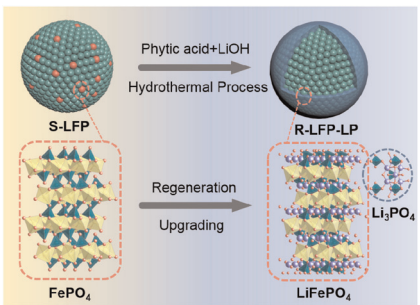
Xuan Lu, Xiuxia Zhao, Shujiang Ding* and Xiaofei Hu*



Methanol recovery: potential of nanolaminate organic solvent nanofiltration (OSN) membranes

Tuğba Baysal, Aysa Güvensoy-Morkoyun, Ş. Birgül Tantekin-Ersolmaz* and Sadiye Velioğlu*

COMMUNICATIONS



One-step regeneration and upgrading of spent $LiFePO_4$ cathodes with phytic acid

Xuhui Zhu, Xueqi Ren, Junting Chen, Mengqi Gong, Ran Mo, Siyuan Luo and Shun Yang*

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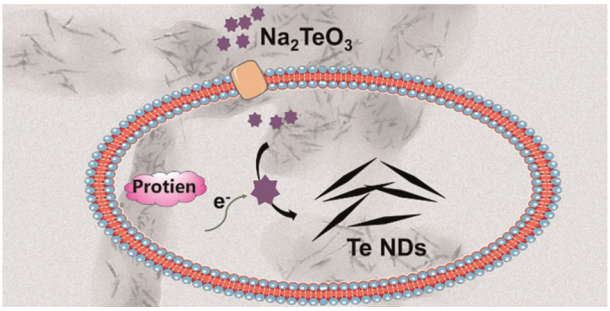

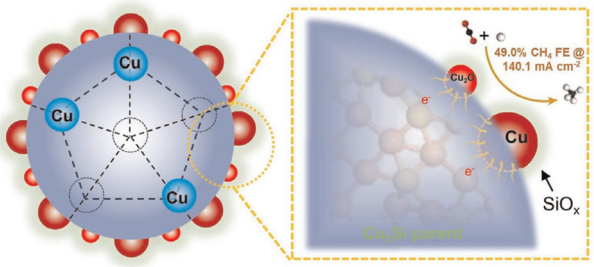

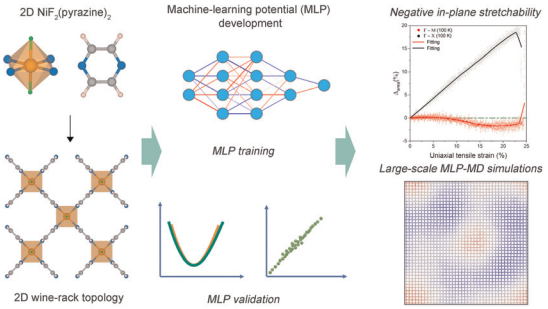

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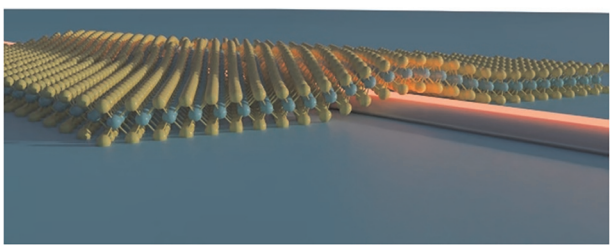

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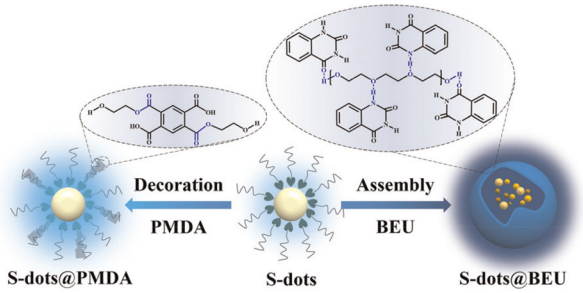

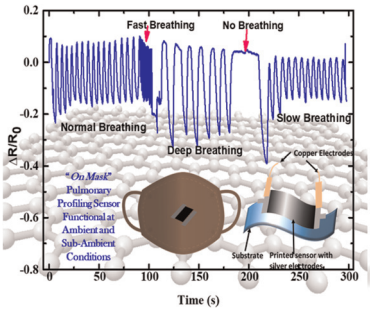

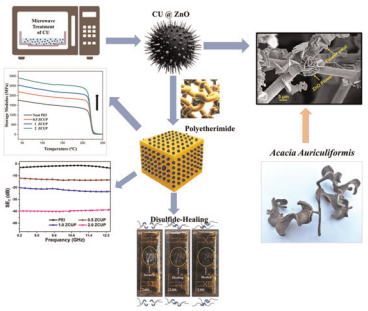

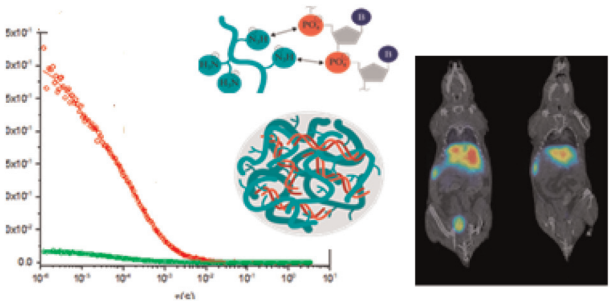

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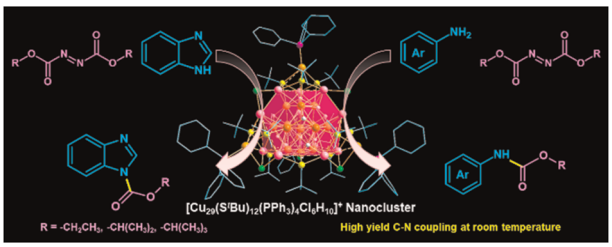

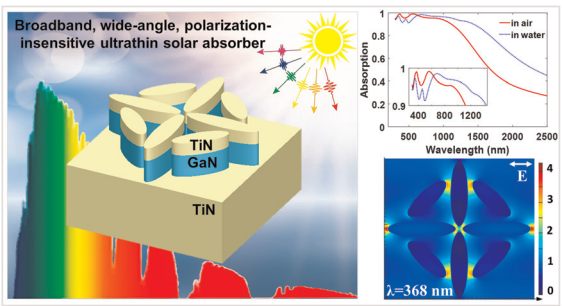

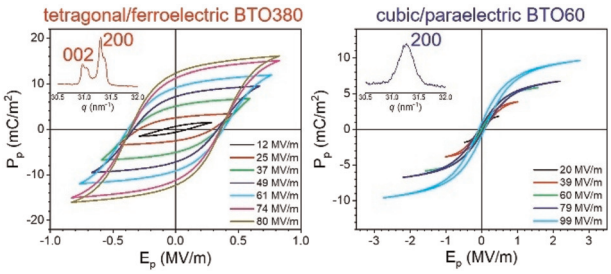

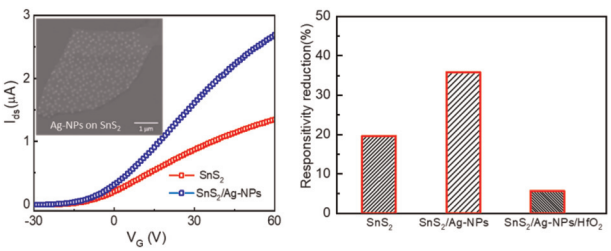

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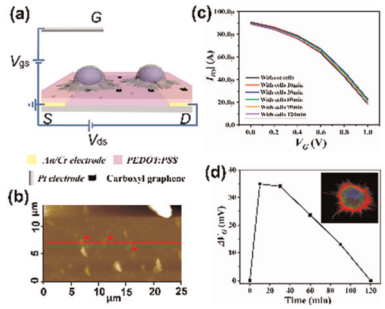

Carboxyl graphene modified PEDOT:PSS organic electrochemical transistor for in situ detection of cancer cell morphology

Qingyuan Song, Hongni Liu, Weiyi Wang, Chaohui Chen, Yiping Cao, Bolei Chen, Bo Cai* and Rongxiang He*

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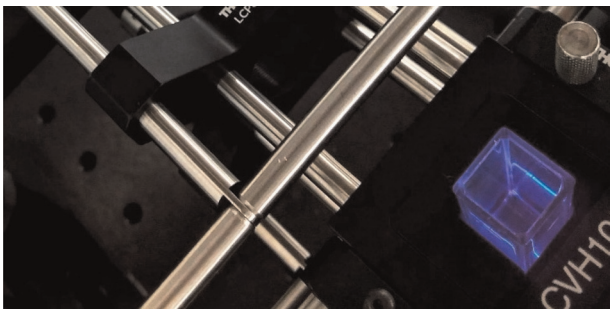

Beam-profile compensation for quantum yield characterisation of Yb–Tm codoped upconverting nanoparticles emitting at 474 nm, 650 nm and 804 nm

J. S. Matias,* K. Komolibus, W. K. Kiang, S. Konugolu-Venkata-Sekar and S. Andersson-Engels

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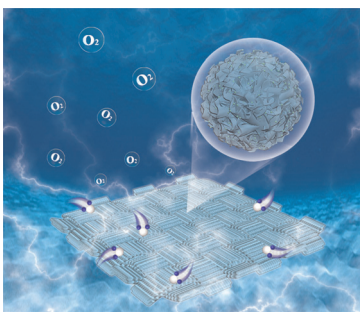

Cr doping and heterostructure-accelerated NiFe LDH reaction kinetics assist the MoS_2 oxygen evolution reaction

Jun Tang, Jinzhao Huang,* Sixuan Zhang, Zehui Liu and Jing Xiao*

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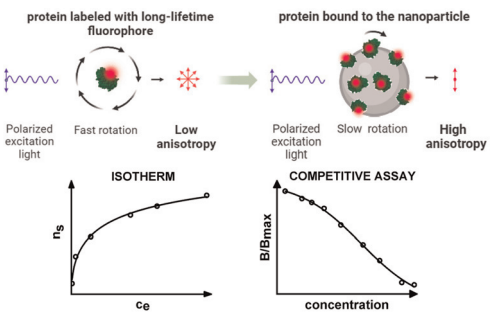

A generic approach based on long-lifetime fluorophores for the assessment of protein binding to polymer nanoparticles by fluorescence anisotropy

Marwa A. Ahmed, Dóra Hessz, Benjámin Gyarmati, Mirkó Páncsics, Norbert Kovács, Róbert E. Gyurcsányi, Miklós Kubinyi and Viola Horváth*

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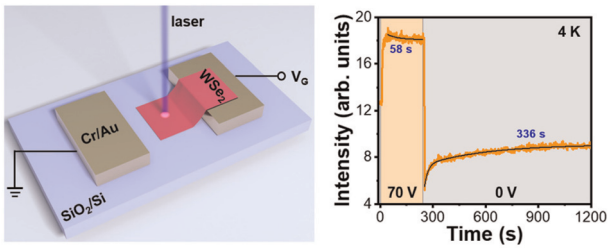

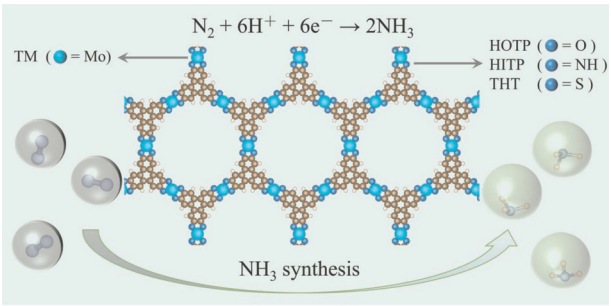

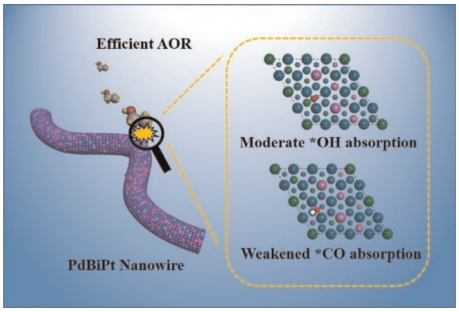

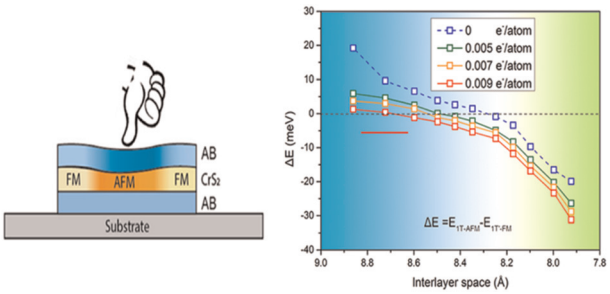

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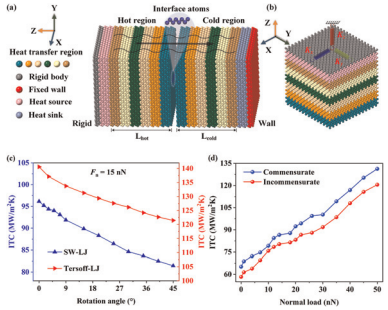

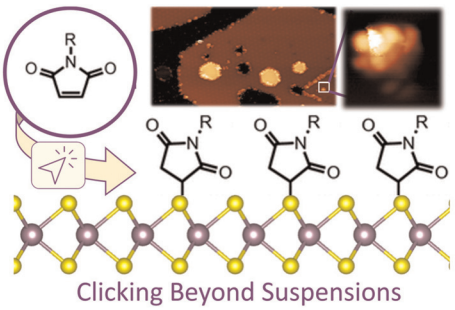

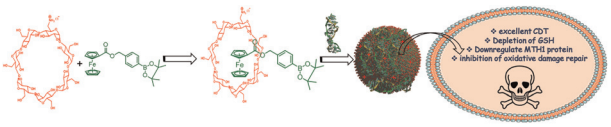

CORRECTION

RETRACTION

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Retraction: An MSN-PEG-IP drug delivery system and IL13Rα2 as targeted therapy for glioma

Jinlong Shi, Shiqiang Hou, Jianfei Huang, Shanshan Wang, Wei Huan, Chuanjun Huang, Xiaojiang Liu, Rui Jiang, Wenbo Qian, Jingjing Lu, Xiubing Wang, Wei Shi,* Rongqin Huang* and Jian Chen*