Nanoscale

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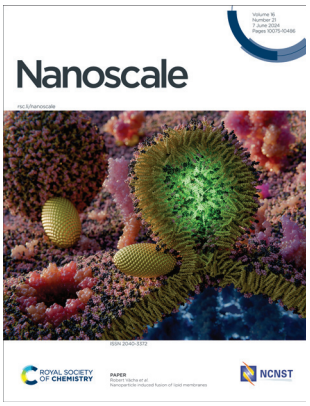
IN THIS ISSUE

ISSN 2040-3372 CODEN NANOHL 16(21) 10075–10486 (2024)



Cover
See Robert Vácha *et al.*, pp. 10221–10229.

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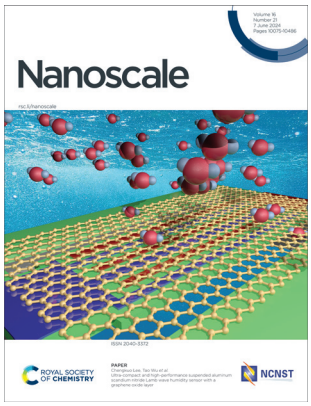

Inside cover
See Chengkuo Lee, Tao Wu *et al.*, pp. 10230–10238.

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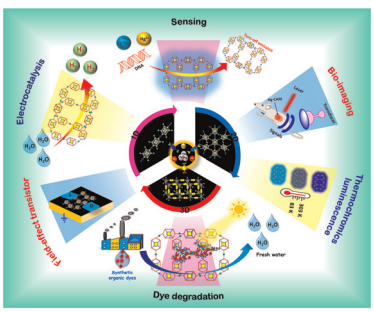
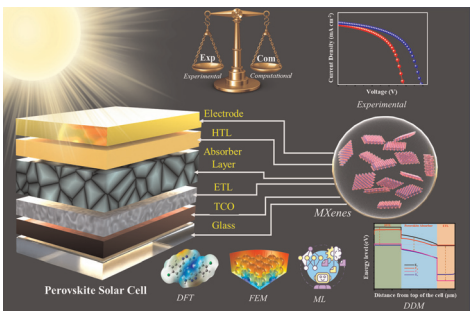
REVIEWS





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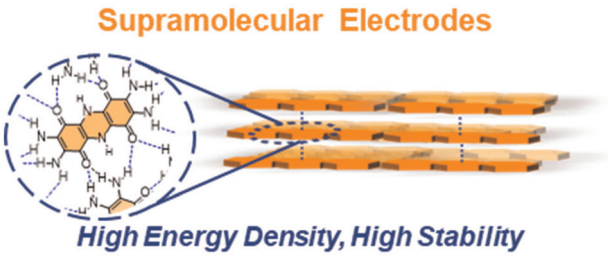

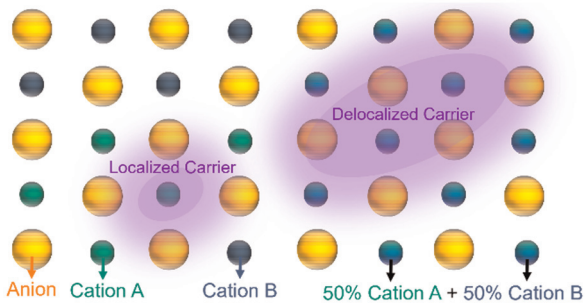

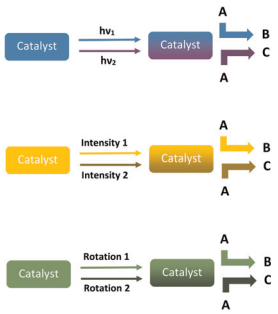

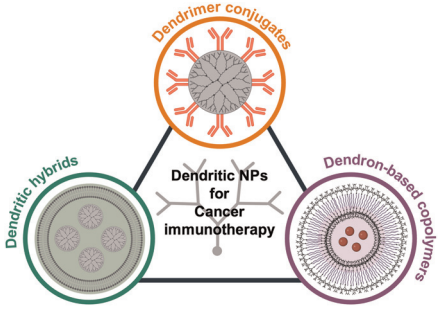

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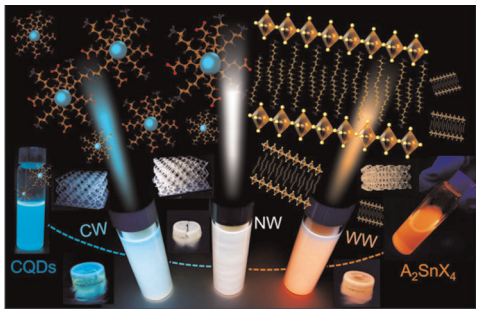

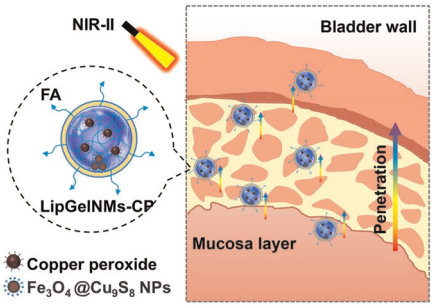

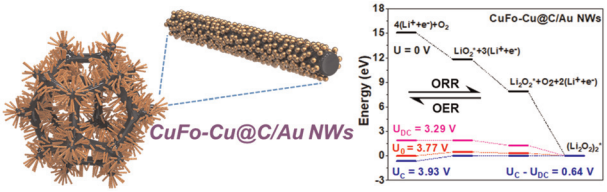

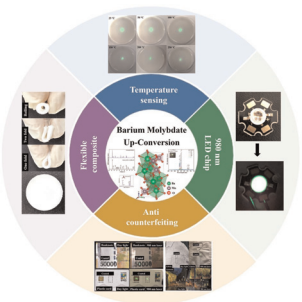

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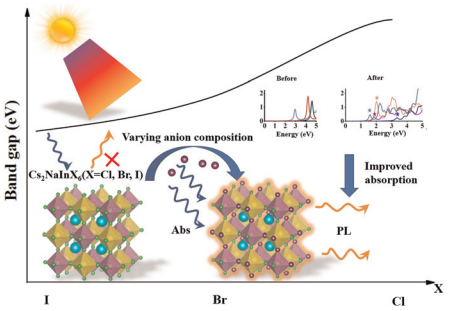

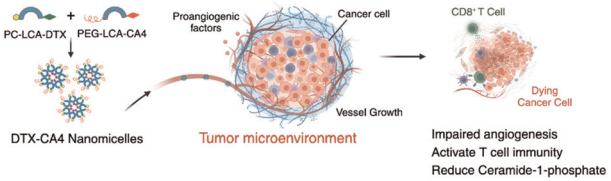

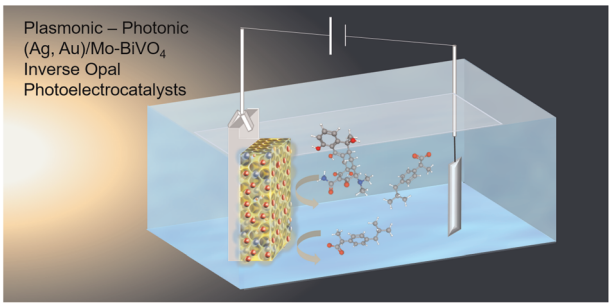

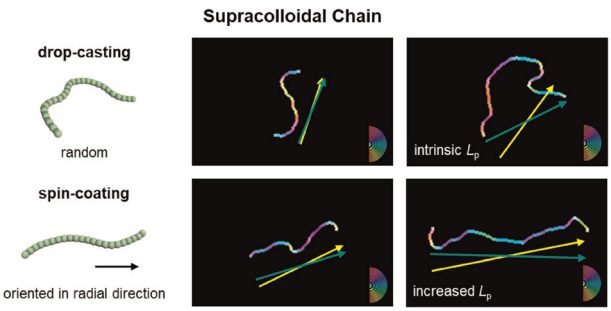

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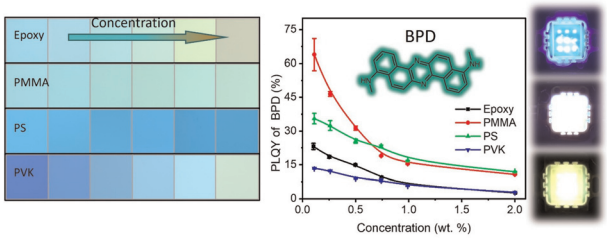
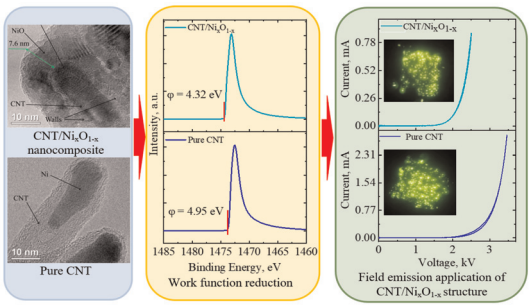


High solid-state photoluminescence quantum yield of carbon-dot-derived molecular fluorophores for light-emitting devices

Nasir Javed,* Haydee Pacheco, Sneha Sreekumar, Jinyu Chong, Zhongkai Cheng and Deirdre M. O'Carroll*

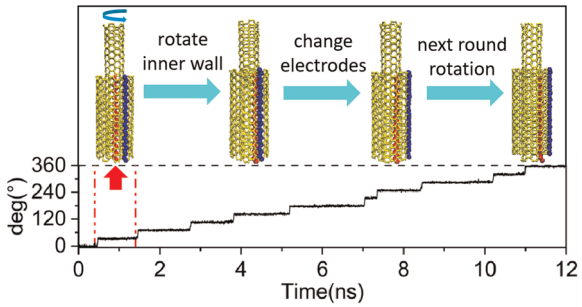
10398



Reducing and tuning the work function of field emission nanocomposite CNT/NiO cathodes by modifying the chemical composition of the oxide

Maksim A. Chumak,* Eugeni O. Popov, Sergei V. Filippov, Anatoly G. Kolosko, Demid A. Kirilenko, Nikolay A. Bert, Evgeniy V. Zhizhin, Alexandra V. Koroleva, Ilya S. Yezhov and Maxim Yu. Maximov

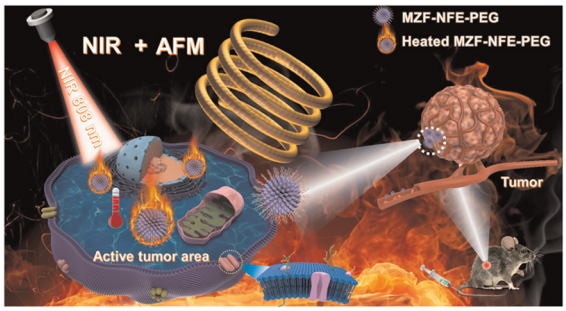
10414



Actuation mechanism of a nanoscale drilling rig based on nested carbon nanotubes

Wei Si,* Haonan Chen, Xiaojing Lin, Gensheng Wu, Jiajia Zhao and Jingjie Sha

10428



NIR and magnetism dual-response multi-core magnetic vortex nanoflowers for boosting magneto-photothermal cancer therapy

Kaiming Shen, Lixian Li,* Funan Tan, Calvin Ching lan Ang, Tianli Jin, Zongguo Xue, Shuo Wu, Mun Yin Chee, Yunfei Yan* and Wen Siang Lew*

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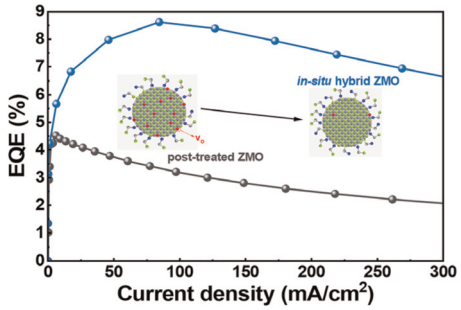

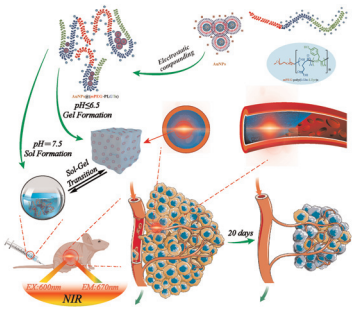

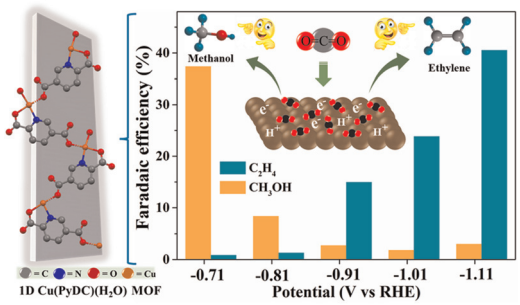

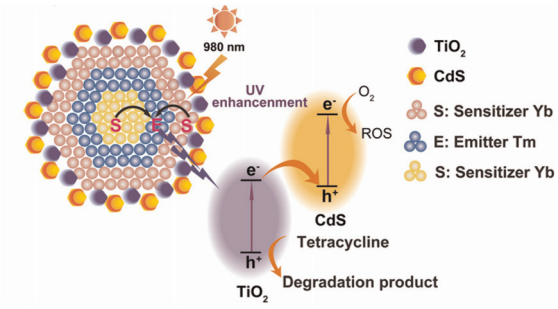

CORRECTION

10483

Correction: Promoter-regulated *in vivo* asymmetric self-assembly strategy to synthesize heterogeneous nanoparticles for signal amplification

Chen Chen, Juan Zhou, Dong Men* and Xian-En Zhang*