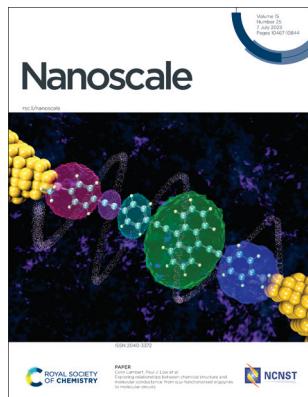


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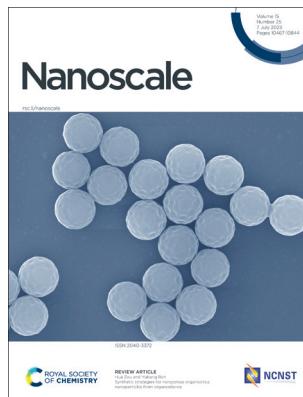
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Introduction to nanomaterials for printed electronics

Cinzia Casiraghi,* Oana D. Jurchescu,*
Shlomo Magdassi* and Wenming Su*

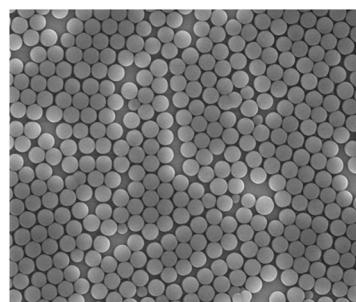


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Synthetic strategies for nonporous organosilica nanoparticles from organosilanes

Hua Zou* and Yuhang Ren



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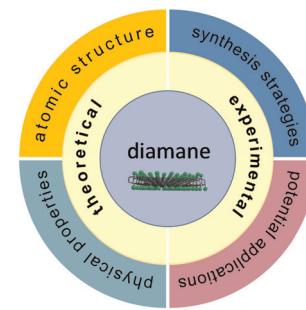


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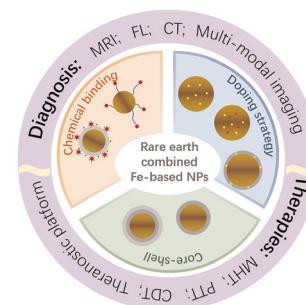
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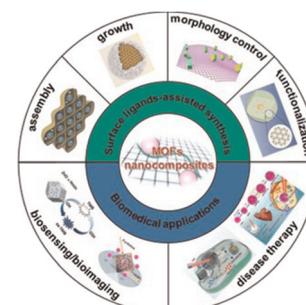
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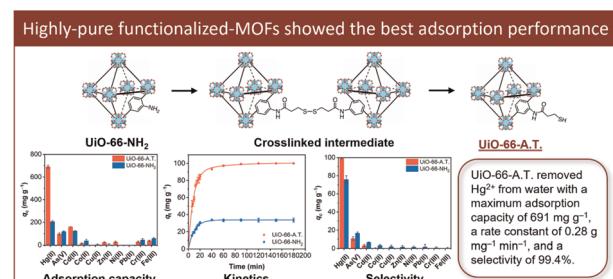


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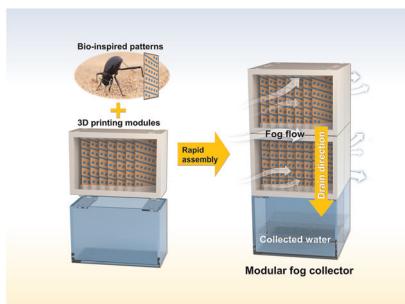
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Iris Tsz Yan Lam, Yufei Yuan, Ki-Taek Bang, Seon-Jin Choi, Dong-Myeong Shin, Dong Lu and Yoonseob Kim*



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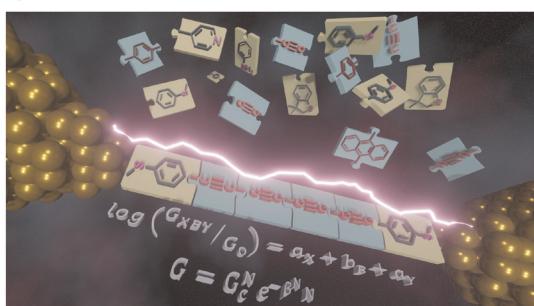
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Jie Guo, Zhiguang Guo* and Weimin Liu*

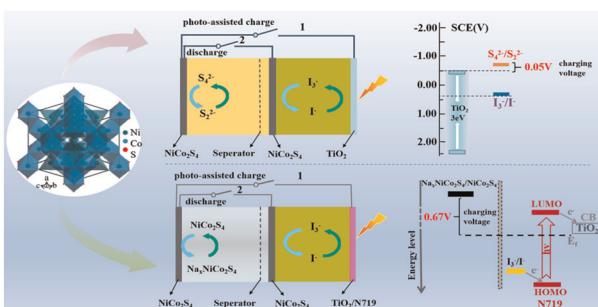
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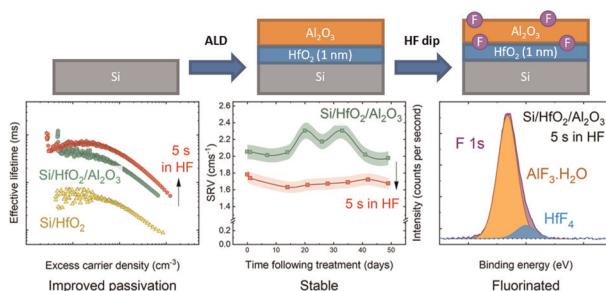
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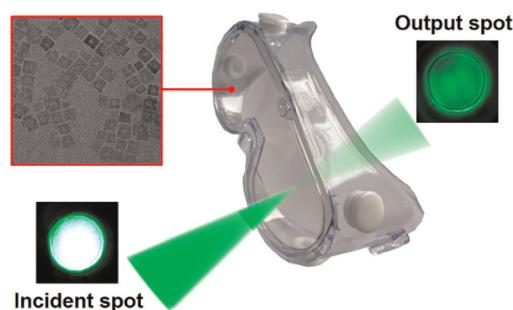


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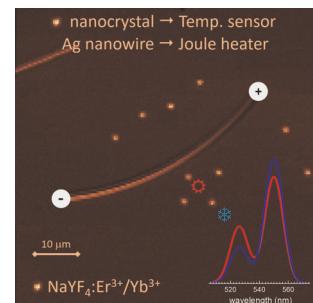
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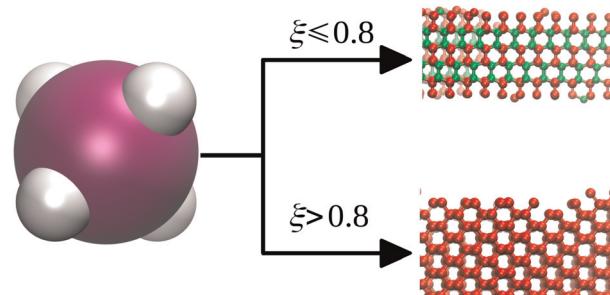
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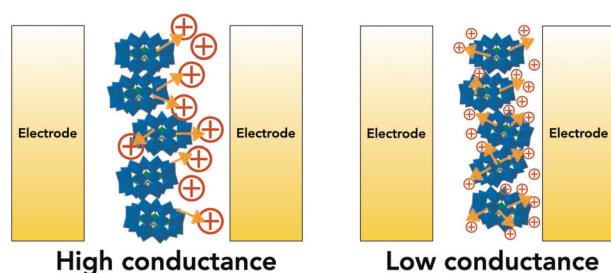
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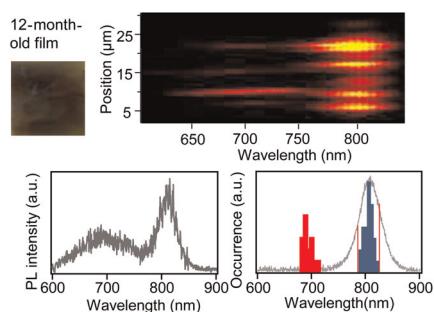
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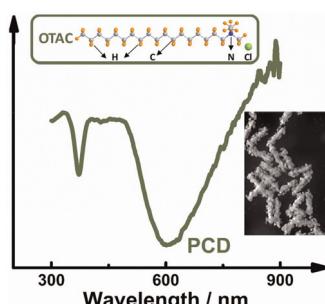
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Anubha Agarwal, Shun Omagari and Martin Vacha*

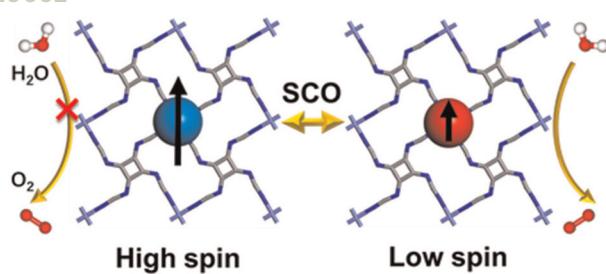
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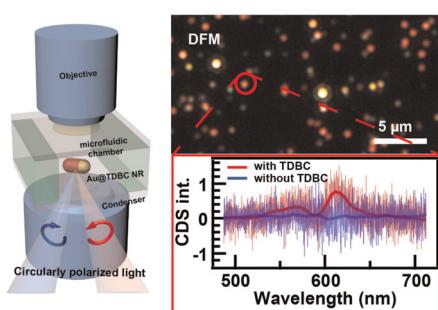
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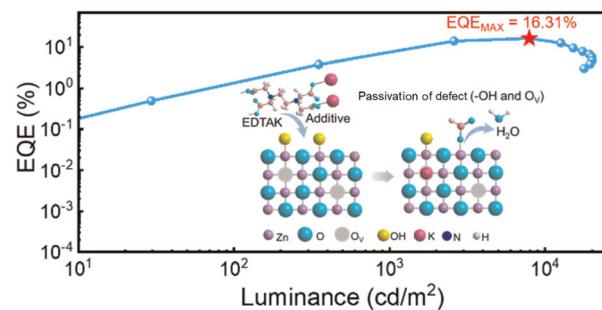


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Defect passivation and electron band energy regulation of a ZnO electron transport layer through synergistic bifunctional surface engineering for efficient quantum dot light-emitting diodes

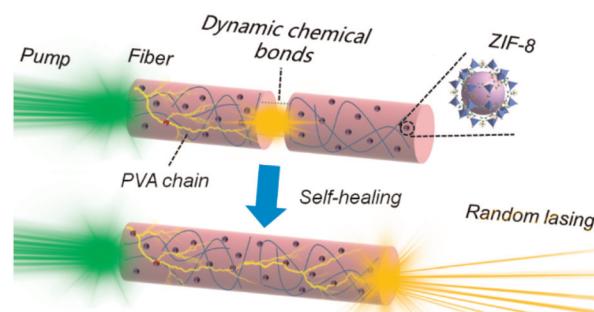
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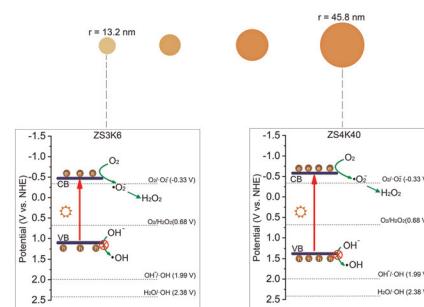
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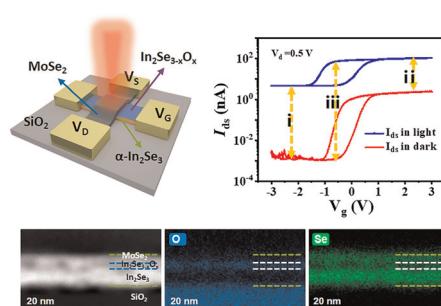
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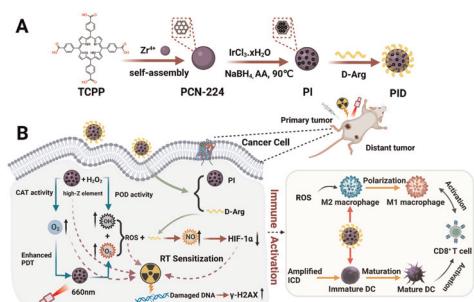
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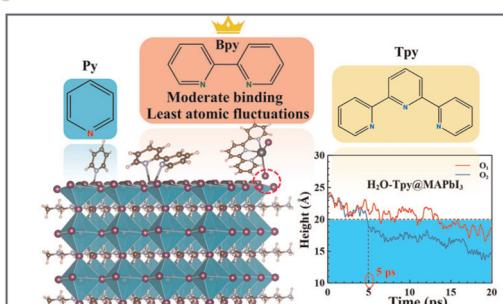
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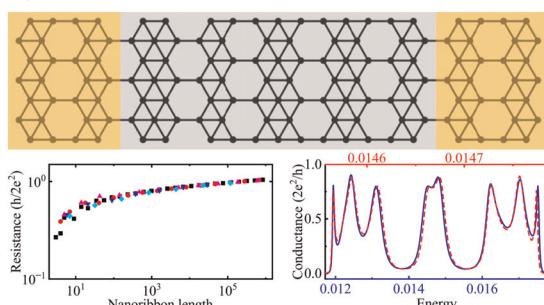
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A moderate intensity ligand works best: a theoretical study on passivation effects of pyridine-based molecules for perovskite solar cells

Na Chen, Weiyi Zhang and Quan-Song Li*

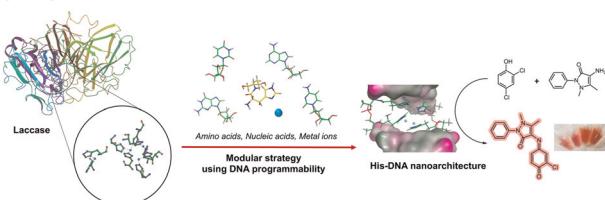
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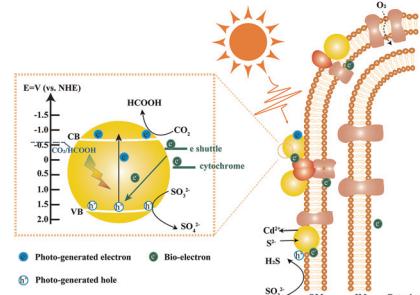


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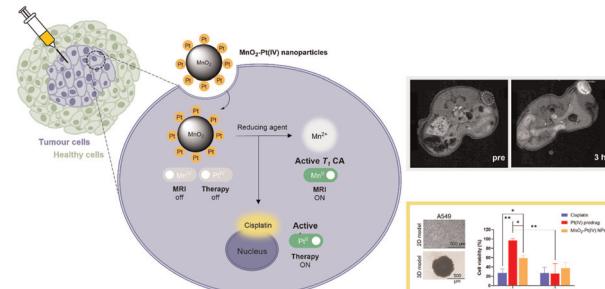
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Redox double-switch cancer theranostics through Pt(IV) functionalised manganese dioxide nanostructures

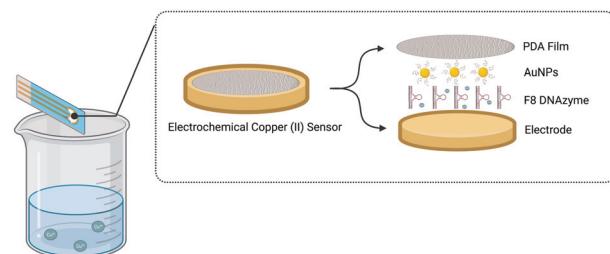
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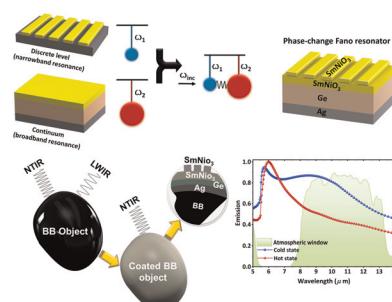
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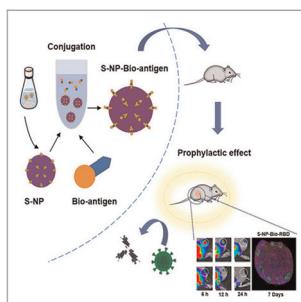
Phase-change Fano resonator for active modulation of thermal emission

Bahram Khalichi,* Amir Ghobadi,* Ataollah Kalantari Osgouei, Zahra Rahimian Omam, Hasan Kocer and Ekmel Ozbay*



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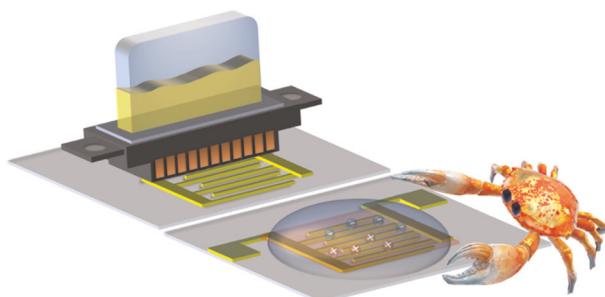
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Production of a promising modular proteinaceous self-assembled delivery system for vaccination

Chao Pan, Jingqin Ye, Sen Zhang, Xiang Li, Yixin Shi, Yan Guo, Kangfeng Wang, Peng Sun, Jun Wu,* Hengliang Wang* and Li Zhu*

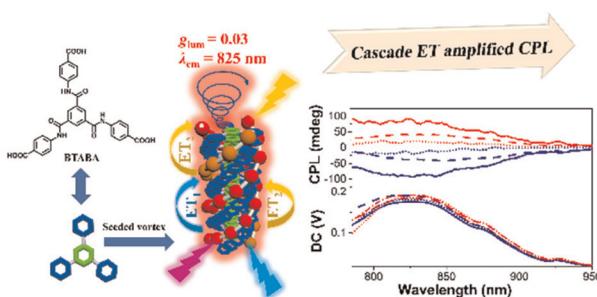
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Chitosan-gated organic transistors printed on ethyl cellulose as a versatile platform for edible electronics and bioelectronics

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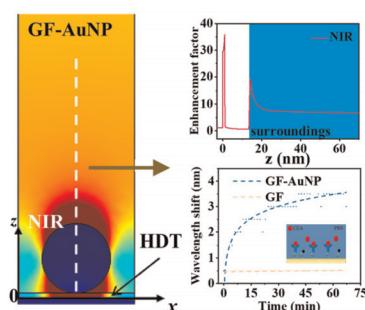
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Chen Xiao, Chengxi Li, Kang Huang, Pengfei Duan* and Yafei Wang*

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Huimin Wang, Tao Wang,* Simei Zhong, Jinyan Zhang, Ruoqin Yan, Peng Xu, Yu-hui Zhang, Xinzhaoh Yue, Lu Wang, Yuandong Wang, Xuyang Yuan, Jinwei Zeng and Jian Wang*



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Evaluating strain and doping of Janus MoSSe from phonon mode shifts supported by *ab initio* DFT calculations

Jennifer Schmeink, Vladislav Musytschuk, Erik Pollmann, Stephan Sleziona, André Maas, Peter Kratzer and Marika Schleberger*

