# Nanoscale Advances

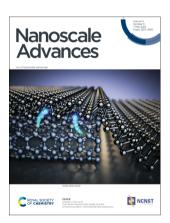
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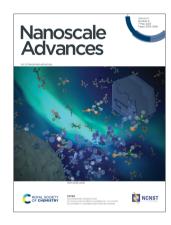
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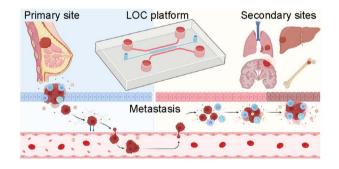
See Kyra Sedransk Campbell et al., pp. 2437-2452. Image reproduced by permission of Dr Kyra Sedransk Campbell from Nanoscale Adv., 2023, 5, 2437.

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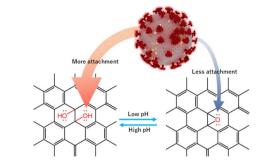


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# SARS-CoV-2 suppression depending on the pH of graphene oxide nanosheets

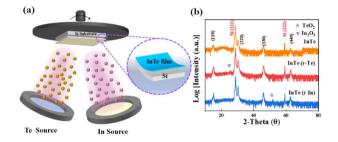
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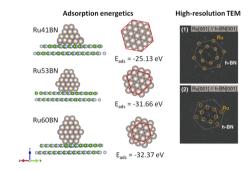
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Thillai Govindaraja Senthamaraikannan, Chang Won Yoon\* and Dong-Hee Lim\*

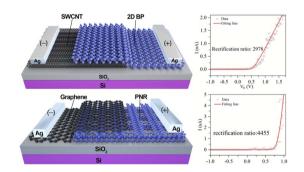


#### **PAPERS**

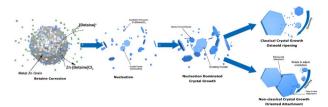
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Xiaowo Ye, Yanming Zhang, Shengguang Gao, Xiuzhi Zhao, Ke Xu, Long Wang, Shenghao Jiang, Fangyuan Shi, Jingyun Yang, Zhe Cao and Changxin Chen\*



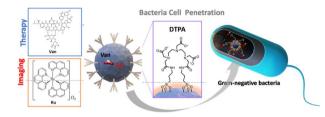
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Shaoqing Qu, Eftychios Hadjittofis, Francisco Malaret, Jason Hallett, Rachel Smith and Kyra Sedransk Campbell\*

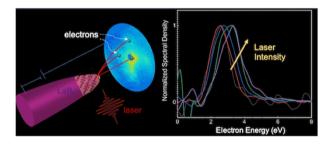
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### Chelating silica nanoparticles for efficient antibiotic delivery and particle imaging in Gram-negative bacteria

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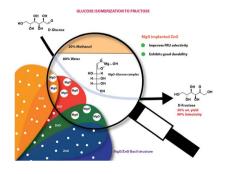
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Sangeeta Mahala, Senthil M. Arumugam, Sandeep Kumar, Bhawana Devi and Sasikumar Elumalai\*

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## One-pot synthesis of gamma-graphyne supported Pd nanoparticles with high catalytic activity

Shan He, Bin Wu,\* Ziwei Xia, Panxiang Guo, Yao Li and Shigiang Song\*

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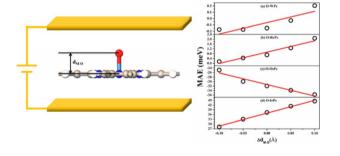
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Mina Keihanfar, Bi Bi Fatemeh Mirjalili\* and Abdolhamid Bamoniri



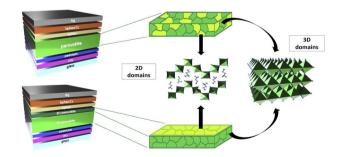
## Tuning magnetocrystalline anisotropy by controlling the orbital electronic configuration of twodimensional magnetic materials

Xiaoxiao Guan, Yun Zhang, Xia Long, Guo-Jun Zhu\* and Juexian Cao\*

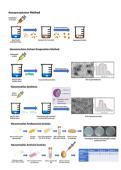


## Role of a corrugated Dion-Jacobson 2D perovskite as an additive in 3D MAPbBr<sub>3</sub> perovskite-based light emitting diodes

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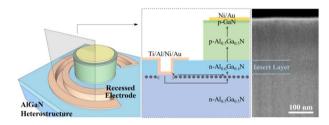
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## A novel long-acting antimicrobial nanomicelle spray

Mousa El-Sayed, Saif El-Din Al-Mofty, Noha Khalil Mahdy, Wessam Awad Sarhan\* and Hassan Mohamed El-Said Azzazy'

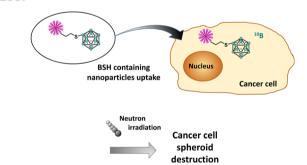
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Yuxuan Chen, Ke Jiang,\* Xiaojuan Sun, Zi-Hui Zhang, Shanli Zhang, Jianwei Ben, Bingxiang Wang, Long Guo and Dabing Li\*

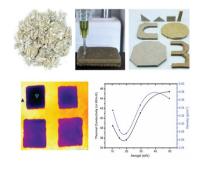
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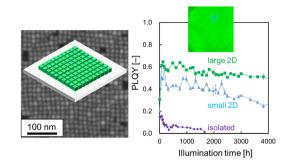


## Additive manufacturing of eco-friendly building insulation materials by recycling pulp and paper

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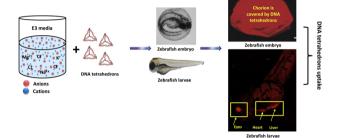
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Moeka Sasaki, Shota Hashimoto, Yoshiki Iso, Yuya Oaki, Tetsuhiko Isobe and Hiroaki Imai\*



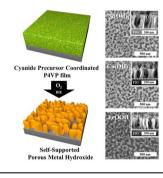
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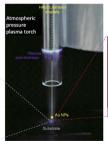
Gyeongwon Ha, Jaeyong Lee, Keon-Woo Kim, Chungryong Choi and Jin Kon Kim\*

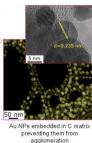


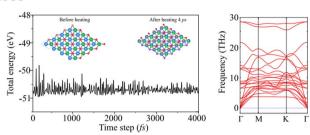
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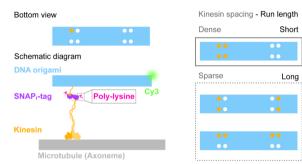






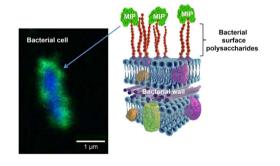
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Nguyen Dang Khang, Cuong Q. Nguyen,\* Le M. Duc and Chuong V. Nguyen\*



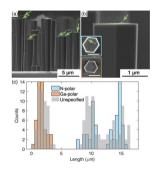
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Kodai Fukumoto, Yuya Miyazono, Takuya Ueda, Yoshie Harada\* and Hisashi Tadakuma\*



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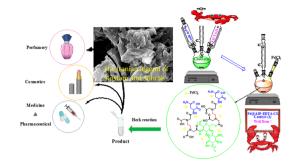
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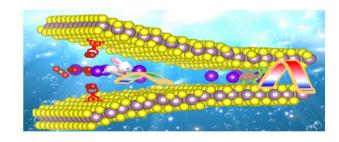
Mohammad Dohendou, Mohammad G. Dekamin\* and Danial Namaki



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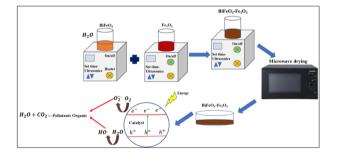
Xuefei Han, Jing Yang, Yong-Wei Zhang\* and Zhi Gen Yu\*



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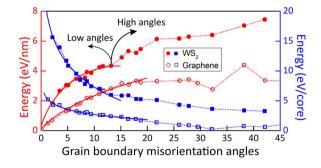
Pravallika Banoth, Boya Palajonnala Narsaiah, Luis De Los Santos Valladares,\* Jumat Kargin and Pratap Kollu\*



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Da Ke, Jinguan Hong and Yubo Zhang\*



### CORRECTION

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Correction: Tuning the morphology of sulfur—few layer graphene composites *via* liquid phase evaporation for battery application

Eleonora Venezia, Lorenzo Carbone,\* Francesco Bonaccorso and Vittorio Pellegrini