

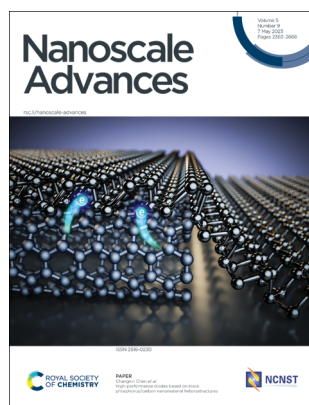
Nanoscale Advances

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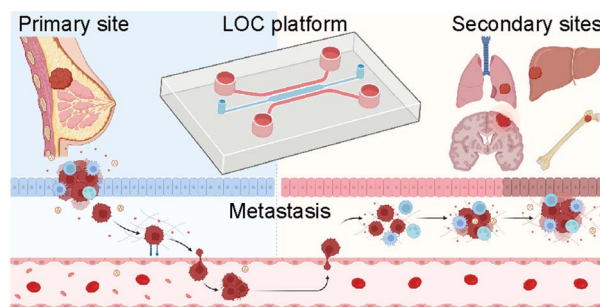
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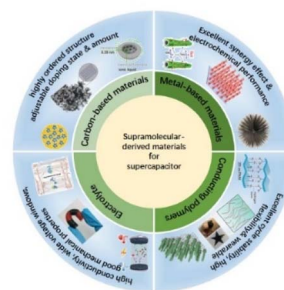
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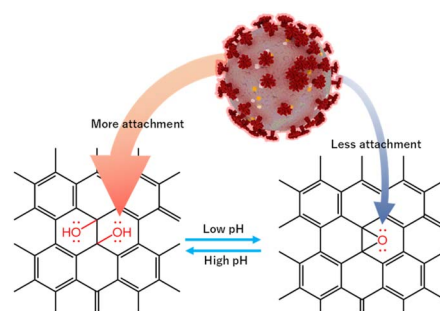
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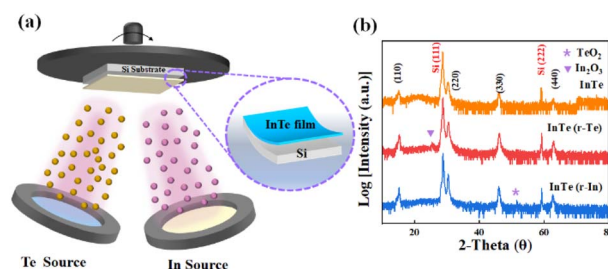
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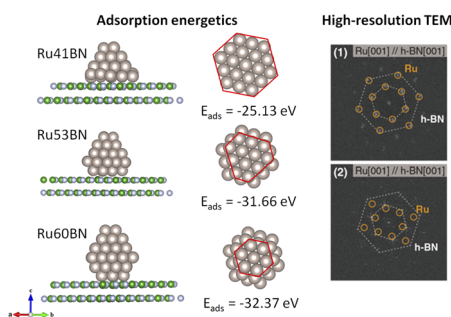
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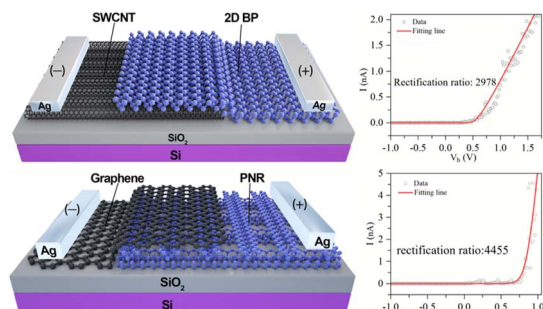
Thillai Govindaraja Senthamaraiannan, Chang Won Yoon* and Dong-Hee Lim*



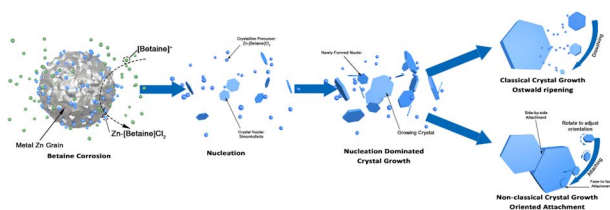
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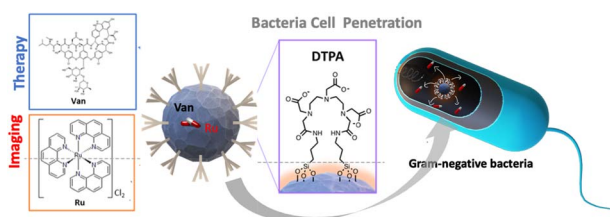
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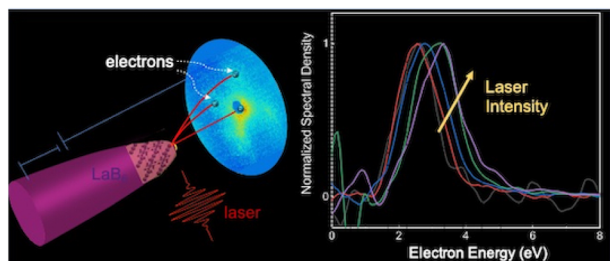
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Chelating silica nanoparticles for efficient antibiotic delivery and particle imaging in Gram-negative bacteria

Asier R. Muguruza, Alessandro di Maio, Nikolas J. Hodges, Jessica M. A. Blair* and Zoe Pikramenou*

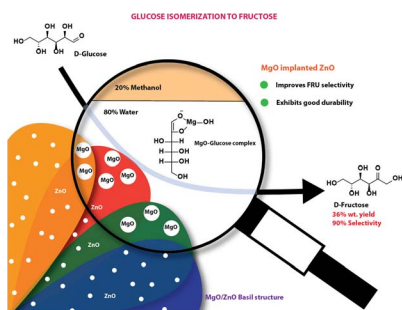
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Bright and ultrafast electron point source made of LaB₆ nanopip

O. Borhade, B. Deconihout, I. Blum, S. Moldovan, J. Houard, A. Normand, K. Jagtap, M. More and A. Vella*

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Tuning of MgO's base characteristics by blending it with amphoteric ZnO facilitating the selective glucose isomerization to fructose for bioenergy development

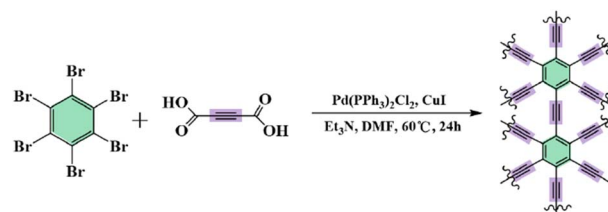
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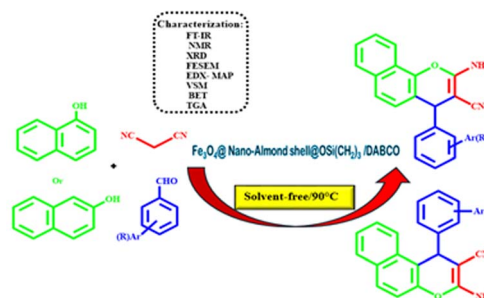
Shan He, Bin Wu,^{*} Ziwei Xia, Panxiang Guo, Yao Li and Shiqiang Song^{*}



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Fe₃O₄@nano-almond shell@OSi(CH₂)₃/DABCO: a novel magnetic nanocatalyst for the synthesis of chromenes

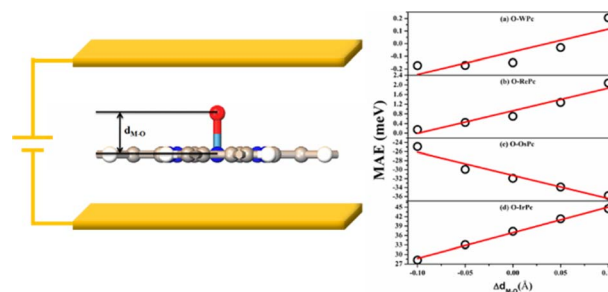
Mina Keihanfar, Bi Bi Fatemeh Mirjalili^{*} and Abdolhamid Bamoniri



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Tuning magnetocrystalline anisotropy by controlling the orbital electronic configuration of two-dimensional magnetic materials

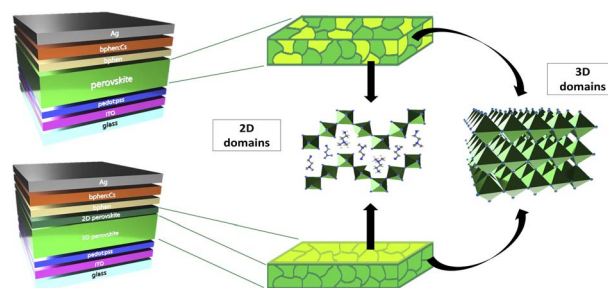
Xiaoxiao Guan, Yun Zhang, Xia Long, Guo-Jun Zhu^{*} and Juexian Cao^{*}



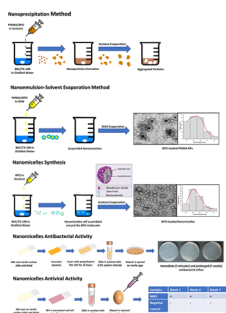
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Role of a corrugated Dion–Jacobson 2D perovskite as an additive in 3D MAPbBr₃ perovskite-based light emitting diodes

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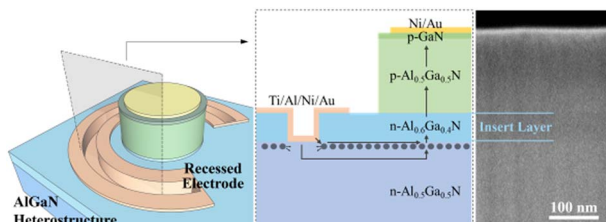
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A novel long-acting antimicrobial nanomicelle spray

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

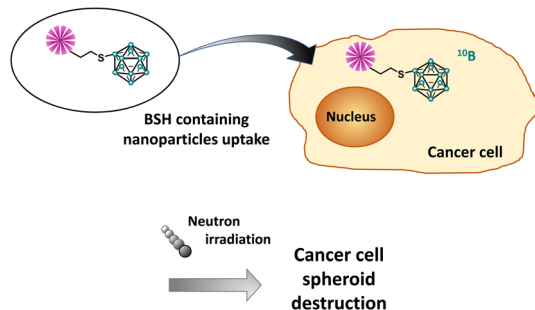
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Optimizing metal/ $n\text{-AlGaIn}$ contact by recessed AlGaIn heterostructure with a polarization effect

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

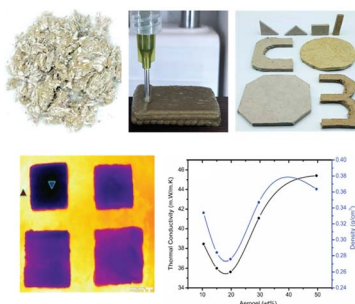
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Organosilica nanoparticles containing sodium borocaptate (BSH) provide new prospects for boron neutron capture therapy (BNCT): efficient cellular uptake and enhanced BNCT efficacy

Mathilde Laird, Kotaro Matsumoto, Yuya Higashi, Aoi Komatsu, Art Raitano, Kendall Morrison, Minoru Suzuki and Fuyuhiko Tamanoi*

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

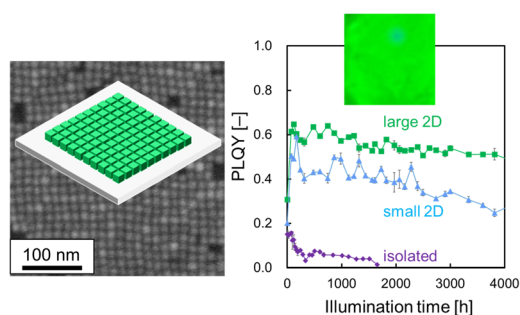
Meng-Lun Lee, Arpita Sarkar, Zipeng Guo, Chi Zhou, Jason N. Armstrong and Shenqiang Ren*



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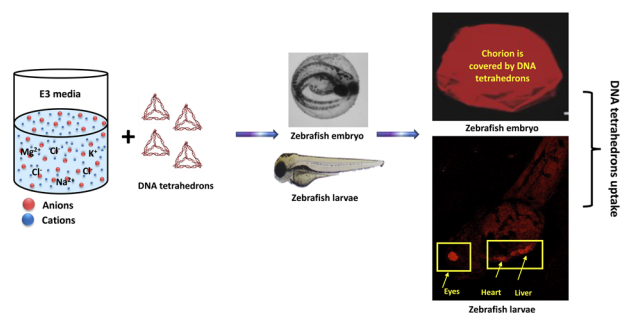
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Spatiotemporal dynamics of DNA nanocage uptake in zebrafish embryos for targeted tissue bioimaging applications

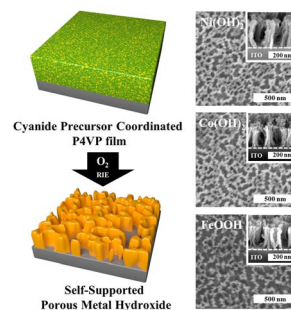
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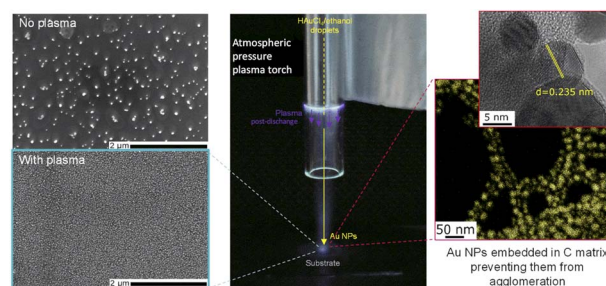
Gyeongwon Ha, Jaeyong Lee, Keon-Woo Kim, Chungryong Choi and Jin Kon Kim*



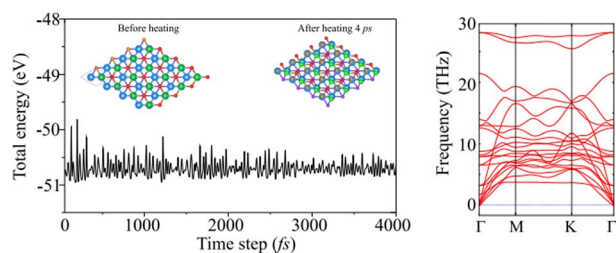
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Andjelika Bjelajac,* Adrian-Marie Phillipe, Jérôme Guillot, Yves Fleming, Jean-Baptiste Chemin, Patrick Choquet and Simon Bulou



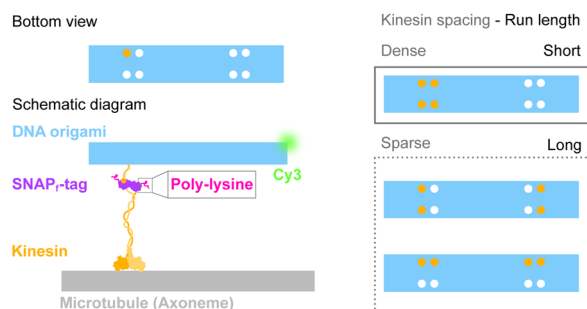
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Nguyen Dang Khang, Cuong Q. Nguyen,* Le M. Duc and Chuong V. Nguyen*

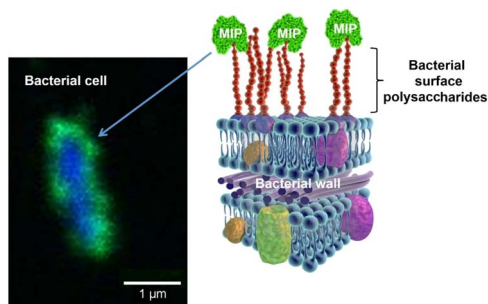
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Kodai Fukumoto, Yuya Miyazono, Takuya Ueda, Yoshie Harada* and Hisashi Tadakuma*

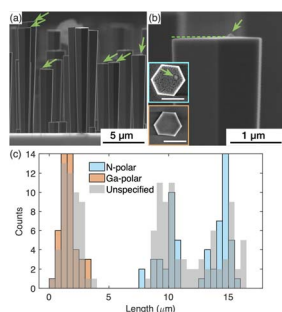
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Jaroslava Bezdekova, Francesco Canfarotta,* Fabiana Grillo,* Hasan Yesilkaya, Marketa Vaculovicova and Sergey Piletsky

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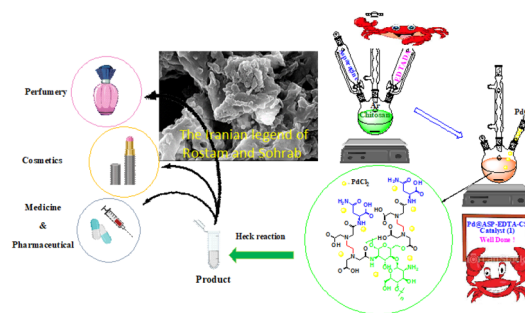
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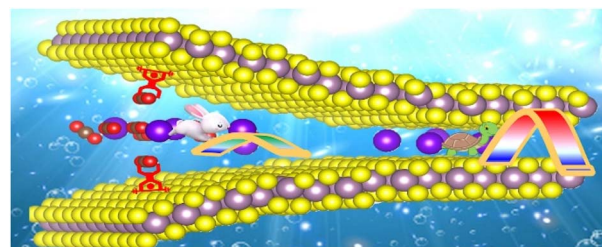
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Molecular engineering on a MoS₂ interlayer for high-capacity and rapid-charging aqueous ion batteries

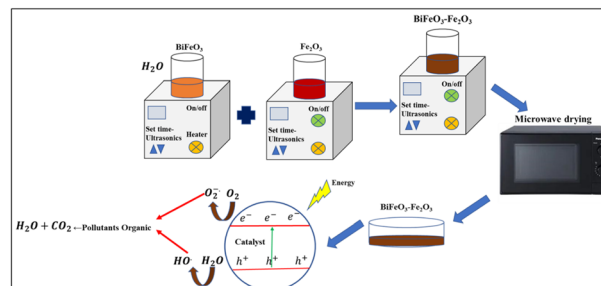
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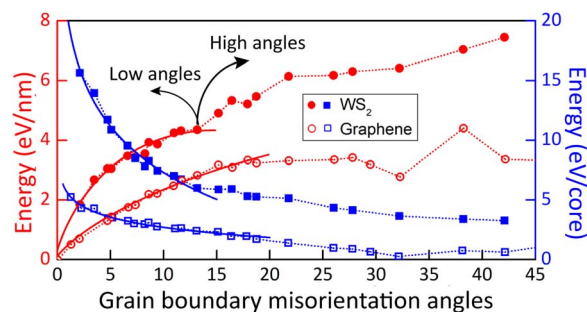
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Da Ke, Jinqun Hong and Yubo Zhang*



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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

