

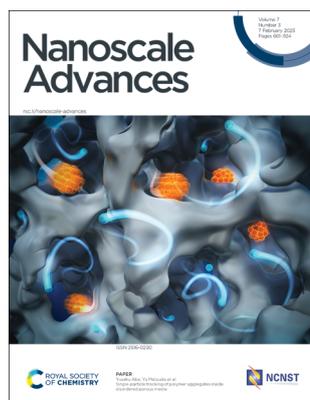
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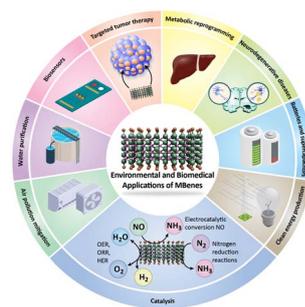
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See Yusaku Abe, Yu Matsuda *et al.*, pp. 728–734. Image reproduced by permission of Yu Matsuda from *Nanoscale Adv.*, 2025, 7, 728.

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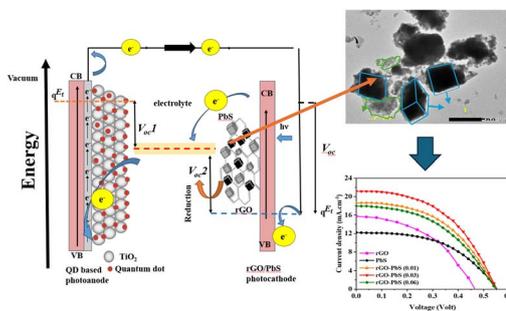
Siavash Iravani,* Atefeh Zarepour, Arezoo Khosravi and Ali Zarrabi*



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Efficient counter electrode for quantum dot sensitized solar cells using p-type PbS@reduced graphene oxide composite

Huu Phuc Dang,* Ha Thanh Tung, Nguyen Thi My Hanh, Nguyen Thuy Kieu Duyen, Vo Thi Ngoc Thuy, Nguyen Thi Hong Anh and Le Van Hieu



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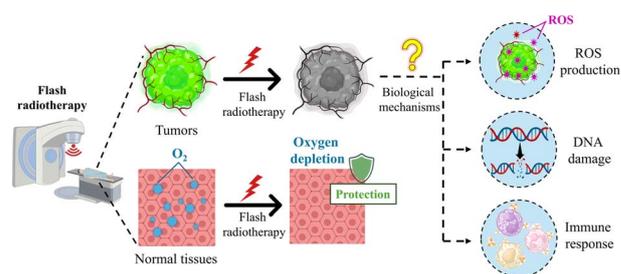
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FLASH radiotherapy: mechanisms, nanotherapeutic strategy and future development

Yan Wang, Huifang Wang, Jiawei Hu, Jingjing Chai, Jiajie Luan, Jie Li* and Qingwen Xu*

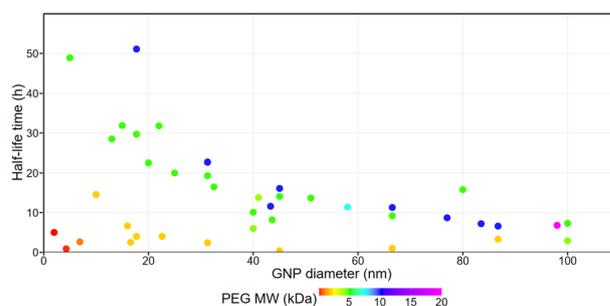


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Optimal size and PEG coating of gold nanoparticles for prolonged blood circulation: a statistical analysis of published data

Dmitry Nevozhay,* Ronald Rauch, Zhongya Wang and Konstantin V. Sokolov*

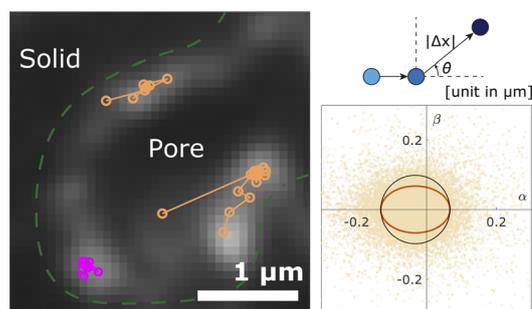


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Single-particle tracking of polymer aggregates inside disordered porous media

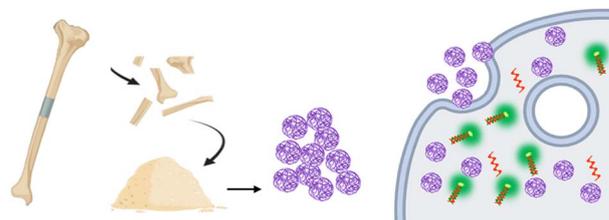
Yusaku Abe,* Naoki Tomioka and Yu Matsuda*



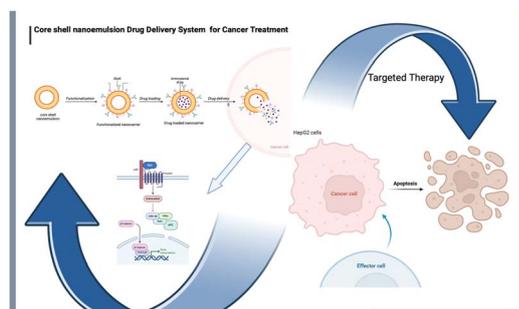
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Bone-derived nanoparticles (BNPs) enhance osteogenic differentiation via Notch signaling

Austin Stellpflug, Justin Caron, Samantha Fasciano, Bo Wang* and Shue Wang*



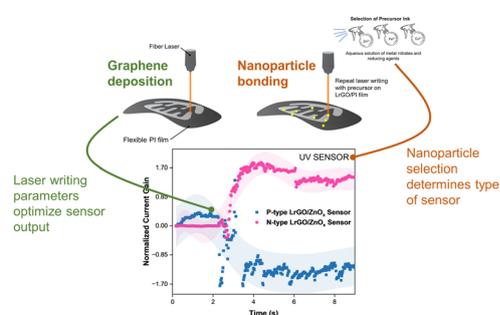
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In vitro β -catenin attenuation by a mefloquine-loaded core-shell nano emulsion strategy to suppress liver cancer cells

Priyadarshini Mohapatra and Natarajan Chandrasekaran*

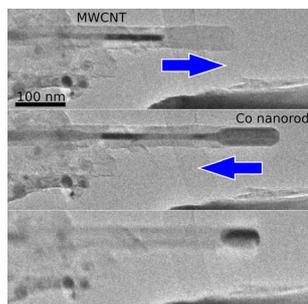
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Laser writing of metal-oxide doped graphene films for tunable sensor applications

Shasvat Rathod, Monika Snowdon, Matthew Peres Tino and Peng Peng*

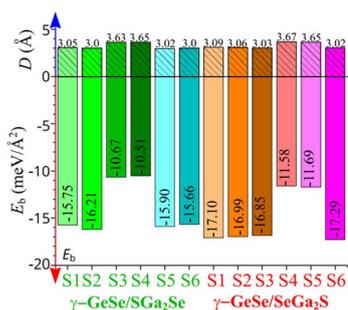
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Shogo Matsuyama and Hideo Kohno*

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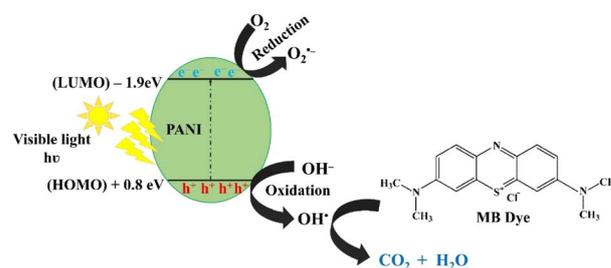
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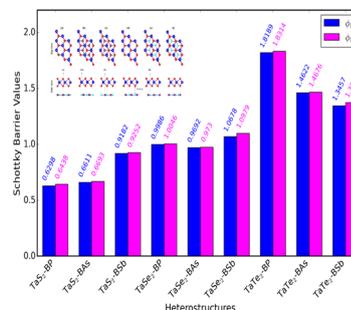
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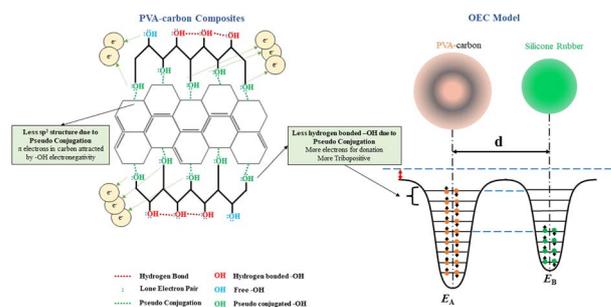
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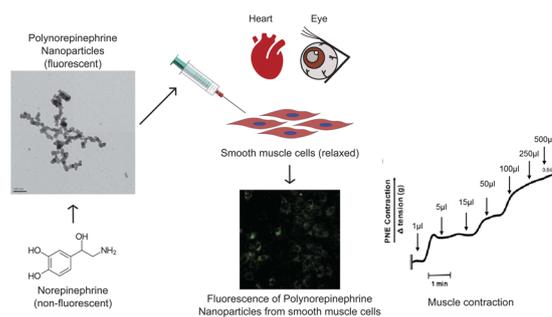
Jian Ye Cheong, Jason Soon Chye Koay, Sanjeev Raj Gopal, Thamil Selvi Velayutham* and Wee Chen Gan*



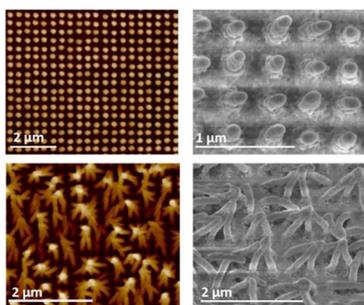
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Polynorepinephrine nanoparticles activate vascular smooth muscle alpha-1 adrenergic receptors

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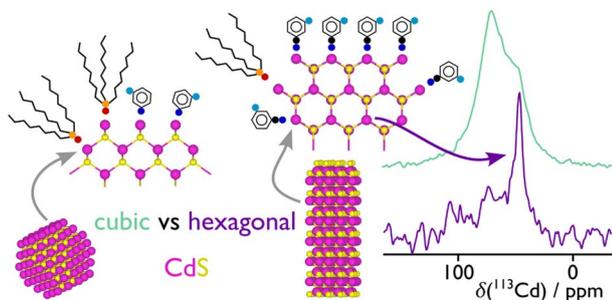
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Toward nanofabrication of SERS substrates with two-photon polymerization

Tatevik Chalyan,^{*} Mehdi Feizpour, Qing Liu, Koen Vanmol, N ria Solerdelcoll, Gen Takebe, Hugo Thienpont and Heidi Ottevaere

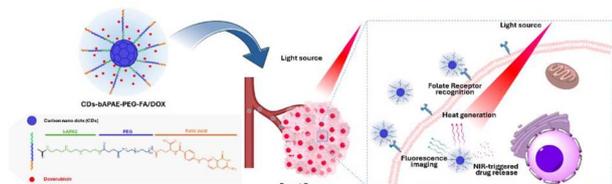
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Passivation, phase, and morphology control of CdS nanocrystals probed using fluorinated aromatic amines and solid-state NMR spectroscopy

Mark A. Buckingham, Robert Crawford, Yi Li, Ran Eitan Abutbul, Bing Han, Kerry Hazledine, Sarah Cartmell, Alex Walton, Alex S. Eggeman, David J. Lewis^{*} and Daniel Lee^{*}

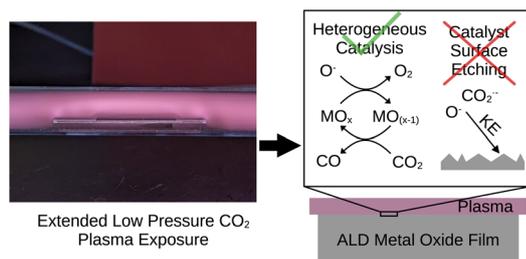
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Paola Varvar , Nicol  Mauro^{*} and Gennara Cavallaro

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Characterizing the stability of ultra-thin metal oxide catalyst films in non-thermal plasma CO₂ reduction reactions

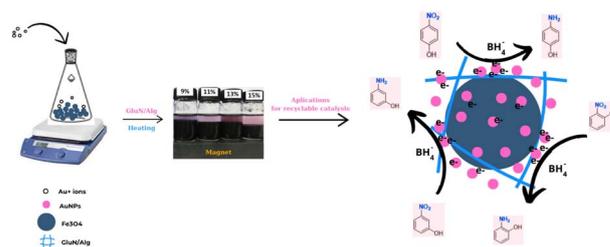
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In situ synthesis of gold nanoparticles embedded in a magnetic nanocomposite of glucosamine/alginate for enhancing recyclable catalysis performance of nitrophenol reduction

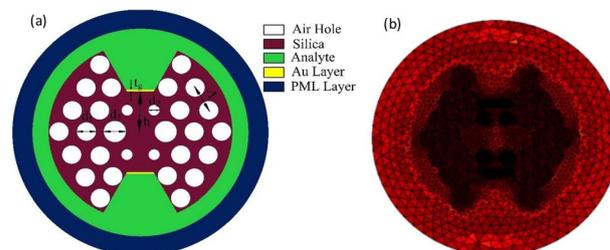
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A highly optimized and sensitive bowtie shape-based SPR biosensor for different analyte detection

Md Abu Huraiya,* Sankar Ganesh Ramaraj,* Sk. Md. Shahadat Hossain, Kisalaya Chakrabarti, Hitoshi Tabata and S. M. Abdur Razzak



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Eu³⁺-doped ZnO quantum dots: structure, vibration characteristics, optical properties, and energy transfer process

T. T. T. Huong,* N. T. Sa, N. T. M. Thuy, P. V. Hao, N. H. Thao, N. T. Hien and N. X. Ca*

