

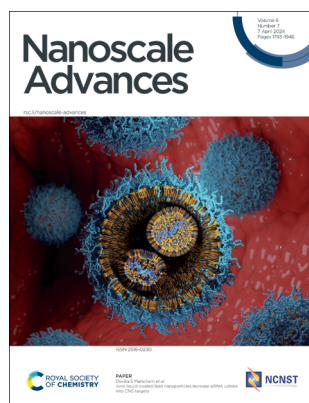
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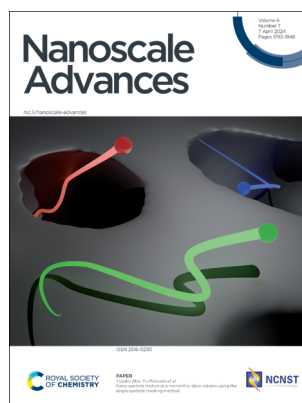
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See Devika S Manickam *et al.*, pp. 1853–1873. Image reproduced by permission of Devika S Manickam from *Nanoscale Adv.*, 2024, 6, 1853.



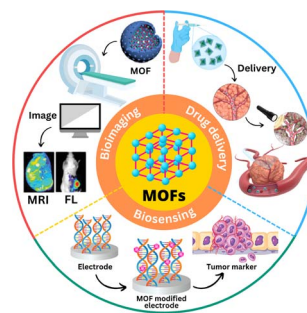
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Mai Thanh Nguyen,* Pichaya Pattanasattayavong and Tetsu Yonezawa*



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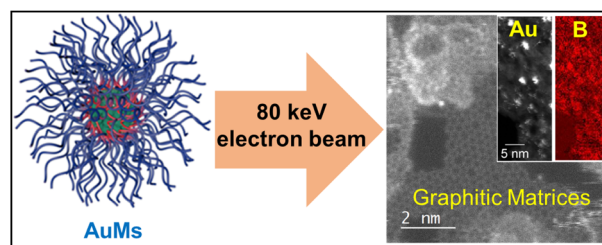
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Fundamental questions
Elemental answers

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Experimental and theoretical evidence for unprecedented strong interactions of gold atoms with boron on boron/sulfur-doped carbon surfaces

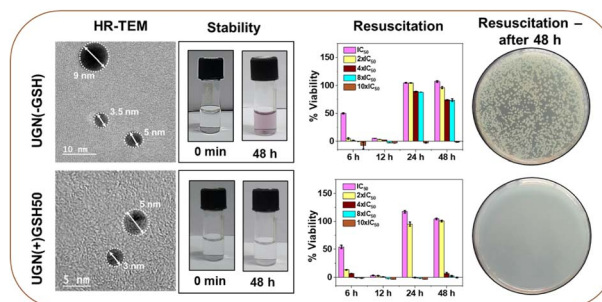
Samya Banerjee,* Juliusz A. Wolny,* Mohsen Danaie,* Nicolas P. E. Barry, Yisong Han, Houari Amari, Richard Beanland, Volker Schünemann and Peter J. Sadler*



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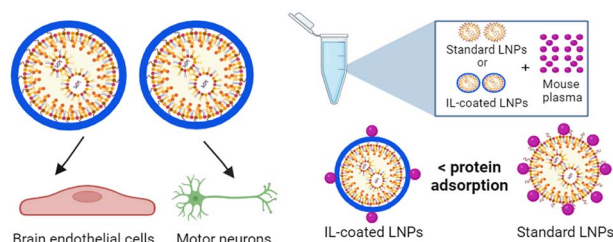
Anindita Thakur, Pranay Amruth Maroju, Ramakrishnan Ganesan* and Jayati Ray Dutta*



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Ionic liquid-coated lipid nanoparticles increase siRNA uptake into CNS targets

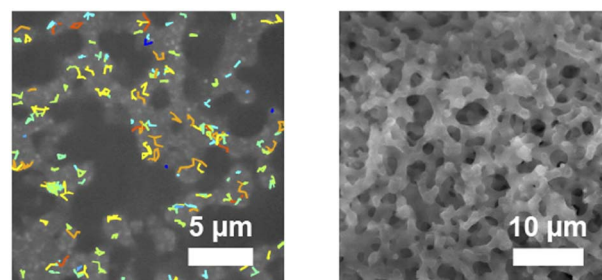
Purva Khare, Sara X. Edgecomb, Christine M. Hamadani, James F. Conway, Eden E. L. Tanner and Devika S Manickam*



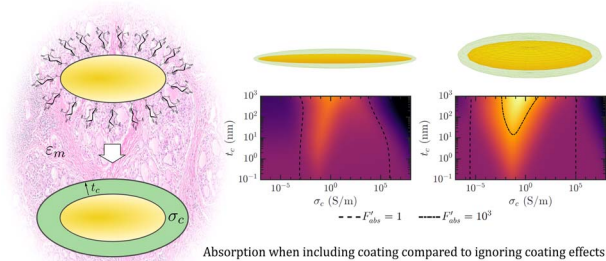
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Nano-particle motion in a monolithic silica column using the single-particle tracking method

Yusaku Abe,* Naoki Tomioka and Yu Matsuda*



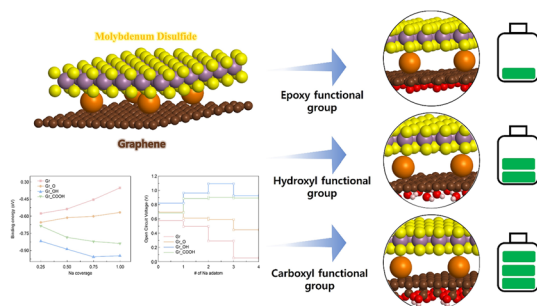
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Radiofrequency absorption of coated ellipsoidal gold nanoparticles in human tissue

Brage Bøe Svendsen,^{*} Olle Hennert, Robert Themptander and Mariana Dalarsson

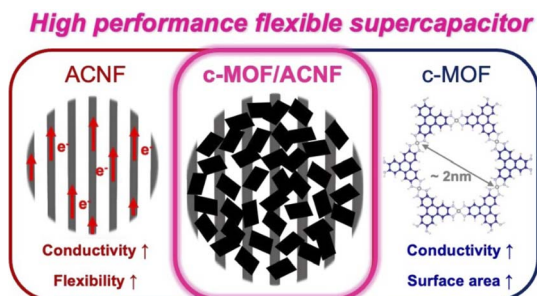
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First-principles evaluation of transition metal dichalcogenide–graphene pairs functionalized with oxygen-containing groups for sodium-ion battery anodes

Wonmyung Choi, Sung Jun Hong, Hoejeong Jeong and Byungchan Han^{*}

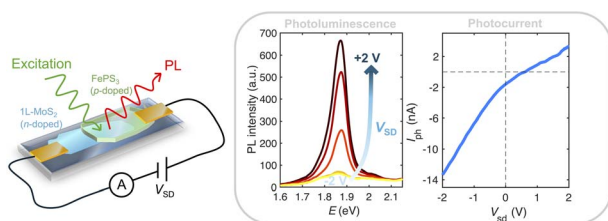
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Dongyeon Kim, Tae Gwang Yun, Ji Hyun Lee, Ki Ro Yoon^{*} and Kyunghoon Kim^{*}

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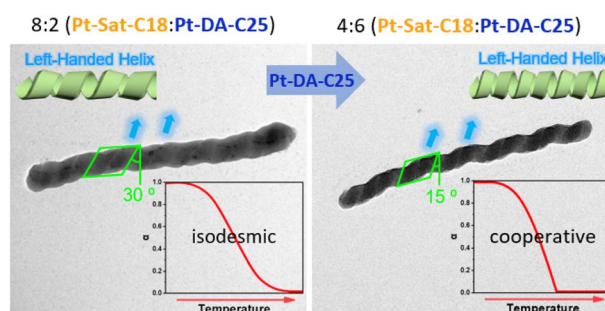
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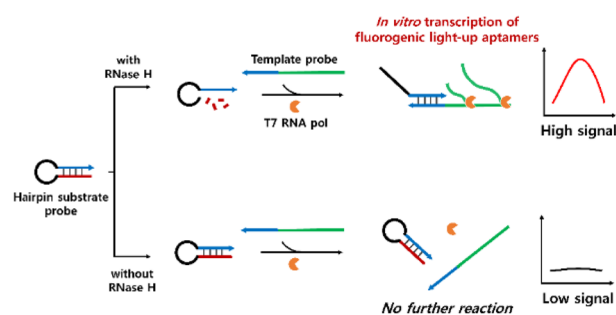
Sehee Kim, Minhye Kim, Seojeong Woo, Juyeong Kim, Sung Ho Jung* and Jong Hwa Jung*



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Jinhwan Lee, Hansol Kim, Yan Li, Seoyoung Lee and Hyun Gyu Park*



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A new neodymium complex on renewable magnetic biochar nanoparticles as an environmentally friendly, recyclable and efficient nanocatalyst in the homoselective synthesis of tetrazoles

Bahman Tahmasbi,* Parisa Moradi and Mitra Darabi

