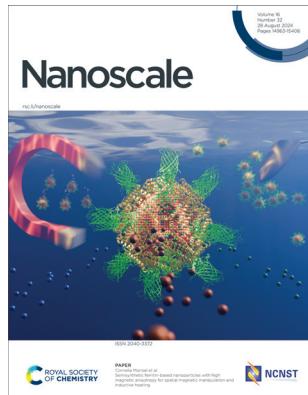


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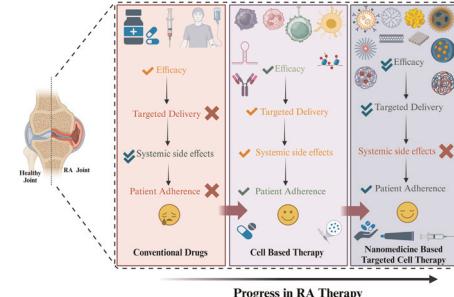
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Advancements in rheumatoid arthritis therapy: a journey from conventional therapy to precision medicine via nanoparticles targeting immune cells

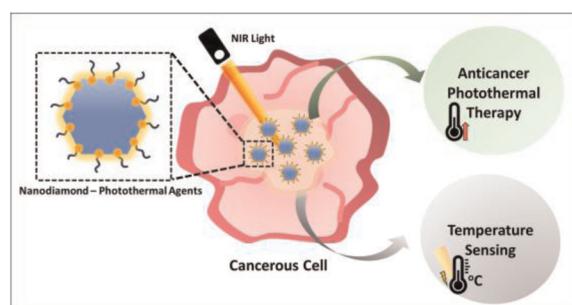
Anwesha Laha, Simran Nasra, Dhiraj Bhatia and
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Wesley Wei-Wen Hsiao,* Xuan Mai Lam,
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Elemental answers

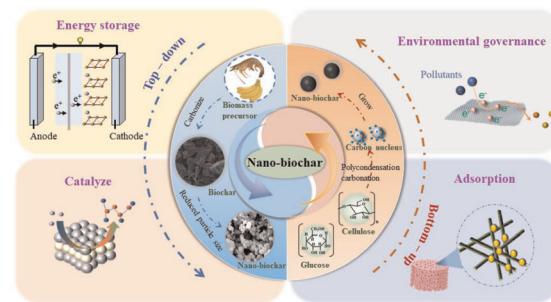
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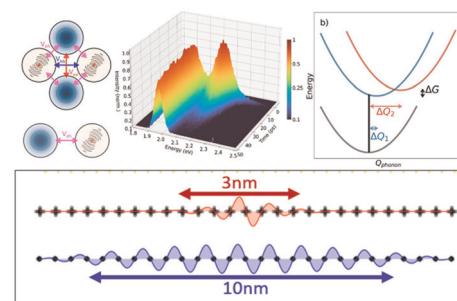
Junchao Xu, Yiming Xie, Qingdong Yao, Li Lv and Huaqiang Chu*



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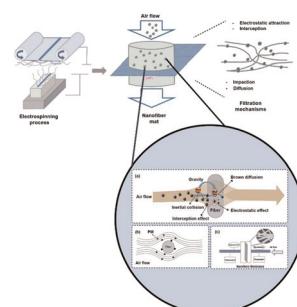
Patanjali Kambhampati



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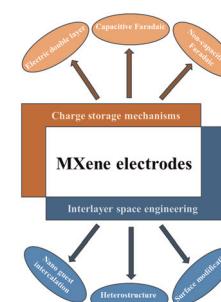
Arnab Dutta, Solmaz Karamikamkar,* Mohammadreza Nofar and Ehsan Behzadfar*



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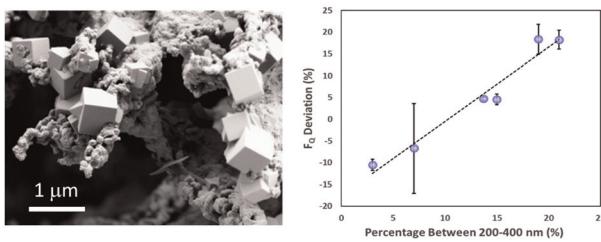
Effects of interlayer space engineering and surface modification on the charge storage mechanisms of MXene nanomaterials: A review on recent developments

Mohammad Bandpey and Dominik P. J. Barz*



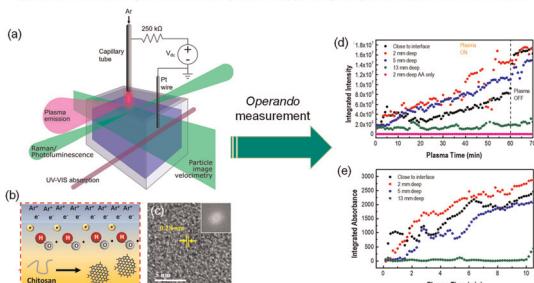
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**Microstructure-dependent particulate filtration using multifunctional metallic nanowire foams**

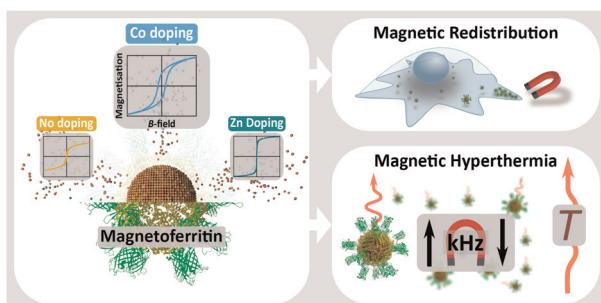
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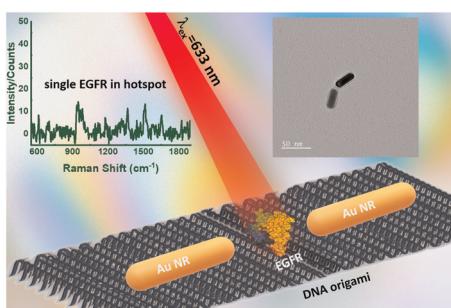
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**Operando time and space-resolved liquid-phase diagnostics reveal the plasma selective synthesis of nanographenes**

Darwin Kurniawan, Francesca Caielli, Karthik Thyagarajan, Kostya (Ken) Ostrikov, Wei-Hung Chiang* and David Z. Pai*

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DNA origami-templated gold nanorod dimer nanoantennas: enabling addressable optical hotspots for single cancer biomarker SERS detection

Mridu Sharma, Charanleen Kaur, Priyanka Singhmar, Shikha Rai and Tapasi Sen*

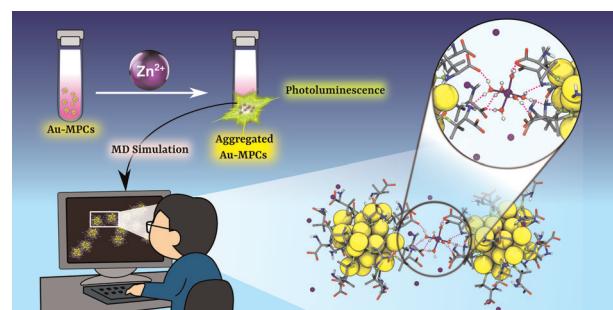


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A molecular dynamics study on the ion-mediated self-assembly of monolayer-protected nanoclusters

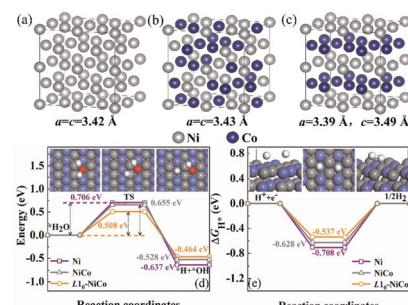
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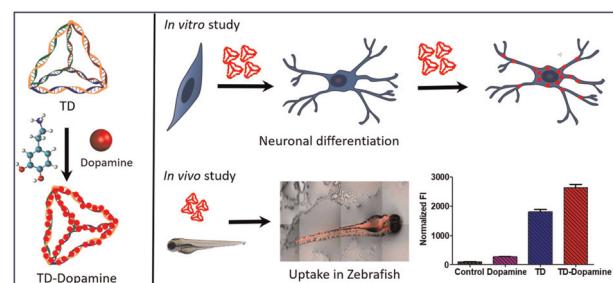
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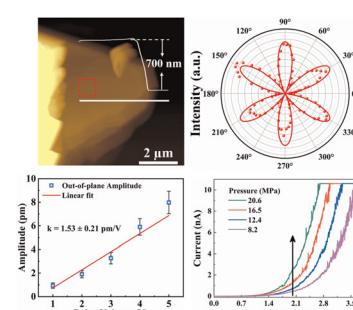
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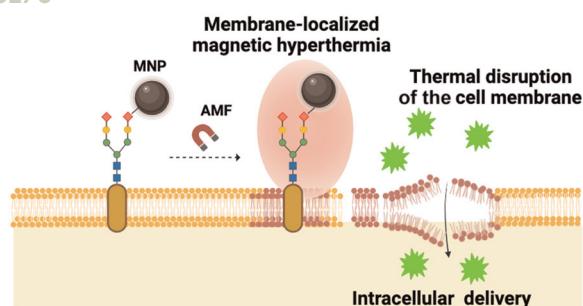
Piezoelectricity in wide bandgap semiconductor 2D crystal GaN nanosheets

Yong Wang, Shaopeng Wang, Yu Zhang,* Zixuan Cheng, Dingyi Yang,* Yongmei Wang,* Tingting Wang, Liang Cheng, Yizhang Wu* and Yue Hao



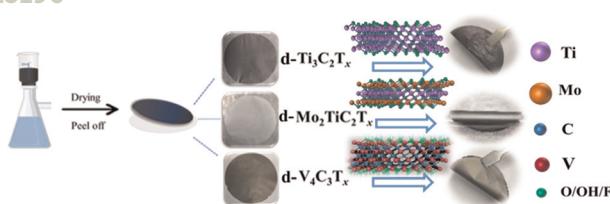
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Membrane-localized magnetic hyperthermia promotes intracellular delivery of cell-impermeant probes

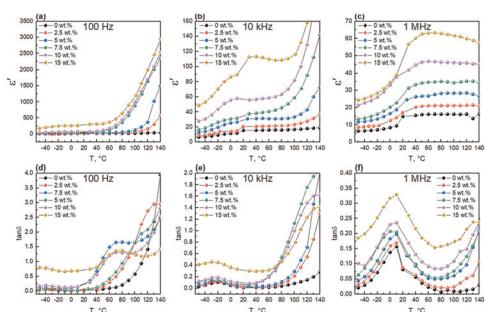
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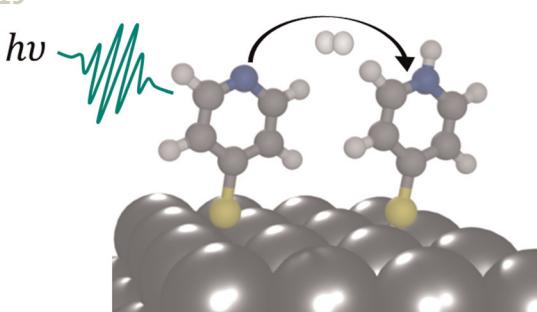
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Alexey Tsyganov*, Maria Vikulova, Ilya Zotov, Olga Grapenko, Valery Vlasenko, Alexey Bainyashev, Alexander Gorokhovsky and Nikolay Gorshkov*

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Assessing plasmon-induced reactions by a combined quantum chemical-quantum/classical hybrid approach

Sadaf Ehtesabi, Martin Richter, Stephan Kupfer* and Stefanie Gräfe*

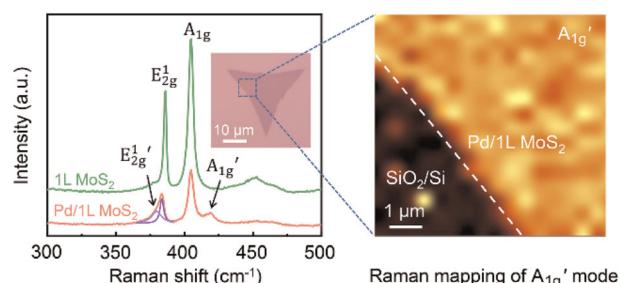


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Changes of phonon modes and electron transfer induced by interface interactions of Pd/MoS₂ heterostructures

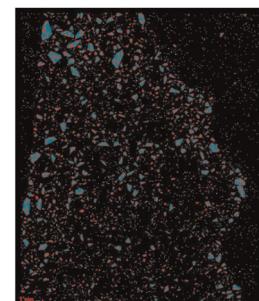
Xinyi Chen, Liang Zhou, Yusong Wu, Yadi Cao, Wengui Jiang, Yingying Xu, Rongming Wang* and Yinghui Sun*



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Formation of EGFRwt/EGFRvIII homo- and hetero-dimers in glioblastoma cells as detected by single molecule localization microscopy

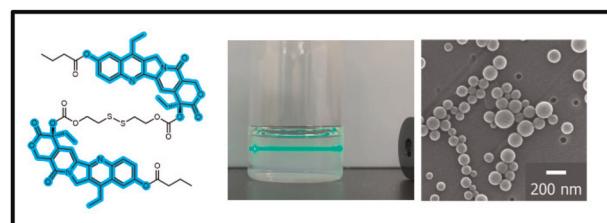
Kevin Jahnke, Nina Struve,* Daniel Hofmann, Martin Julius Gote, Margund Bach, Malte Kriegs and Michael Hausmann*



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Carrier-free nano-prodrugs for minimally invasive cancer therapy

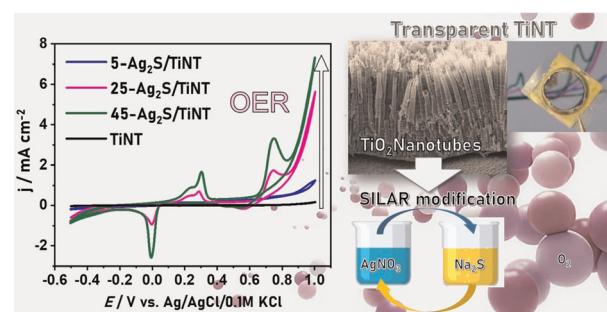
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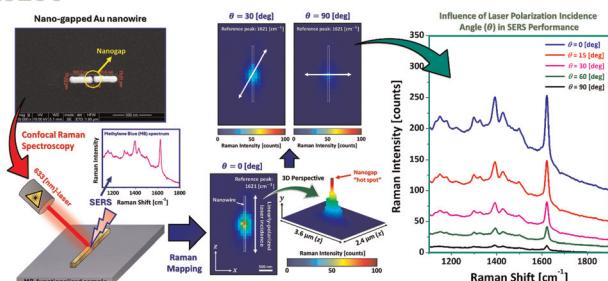
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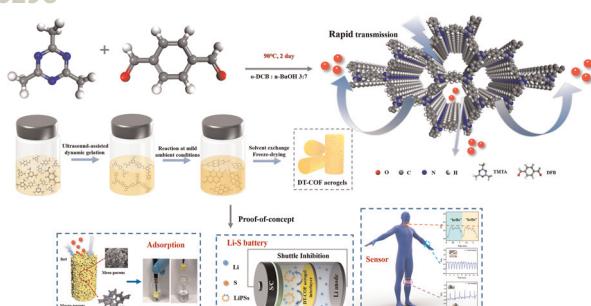
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Laser polarization as a critical factor in the SERS-based molecular sensing performance of nano-gapped Au nanowires

Simón Roa,* Terunori Kaihara, María Laura Pedano,* Henrik Parsamyan and Paolo Vavassori

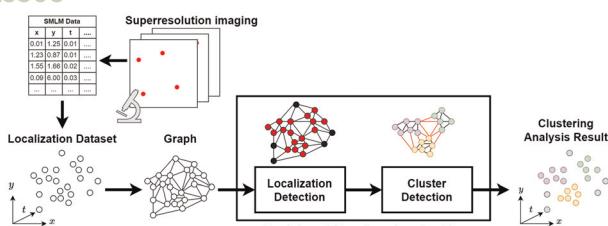
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Preparation of sp^2 carbon-bonded π -conjugated COF aerogels by ultrasound-assisted mild solvothermal reaction for multi-functional applications

Qiaomu Wang, Lei Gao, Peng Wang, Yandong Wang, Yang Xu, Haocheng Xu, Xuebin Wang,* Zhen Meng* and Kai Xi*

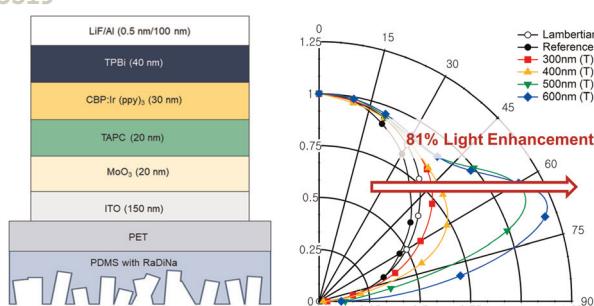
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A supervised graph-based deep learning algorithm to detect and quantify clustered particles

Lucas A. Saavedra, Alejo Mosqueira and Francisco J. Barrantes*

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Spectrally independent and wide-angle light extraction of organic light emitting diodes with randomly disassembled nanostructure

Joel Ndikumana and Kunsik An*

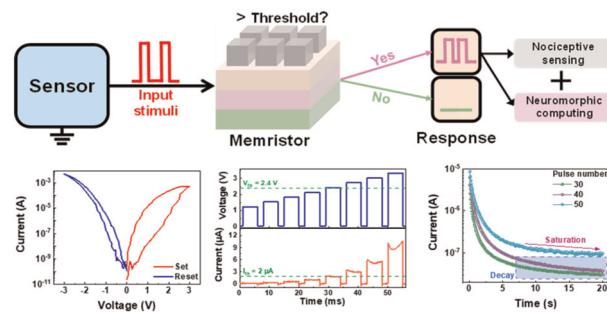


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On-receptor computing with classical associative learning in semiconductor oxide memristors

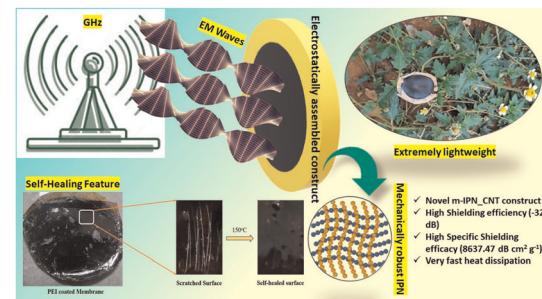
Dongyeol Ju, Jungwoo Lee and Sungjun Kim*



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'Donor–acceptor', 'interpenetrating polymer network' and 'electrostatic self-assembly' work in tandem to achieve extraordinary specific shielding effectiveness

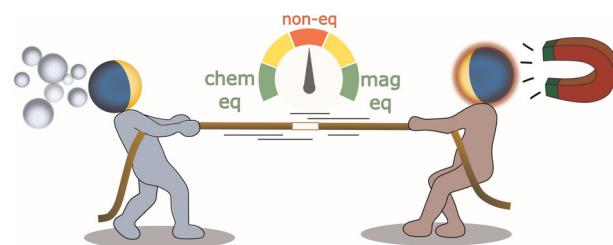
Amit Malakar, Samir Mandal, Ria Sen Gupta, Vinod Kashyap, Rishi Raj, Kunal Manna and Suryasarathi Bose*



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Accelerating and breaking adaptive nano-colloids (<100 nm) into unsteady state operation via push–pull effects

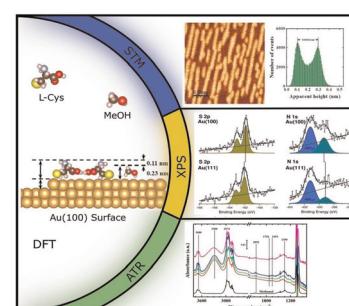
Cornelia Lanz, Nele Künnecke, Yaşar Krysiak and Sebastian Polarz*



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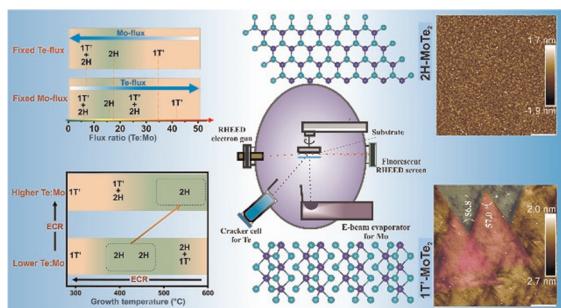
Novel mixed self-assembled monolayers of L-cysteine and methanol on gold surfaces under ambient conditions

Vanina Gisela Franco,* Sindy Julieth Rodríguez, Florencia Carolina Calaza, Mario César Guillermo Passeggi and Gustavo Daniel Ruano

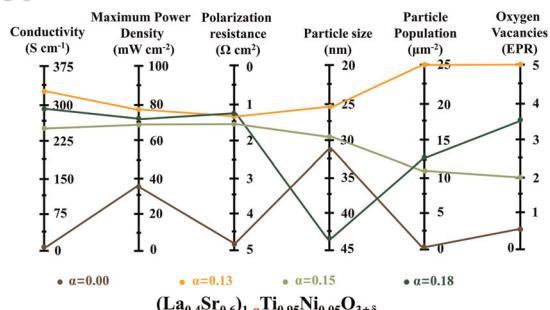


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Effective concentration ratio driven phase engineering of MBE-grown few-layer MoTe₂

Kamlesh Bhatt, Santanu Kandar, Nand Kumar, Ashok Kapoor and Rajendra Singh*

