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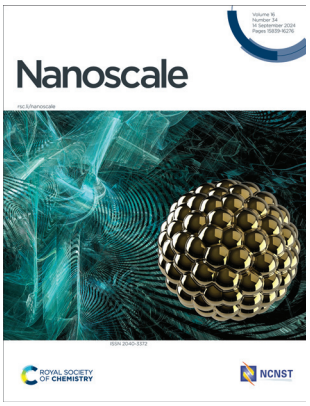
ISSN 2040-3372 CODEN NANOHL 16(34) 15839–16276 (2024)



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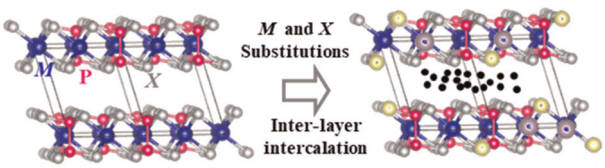
REVIEWS



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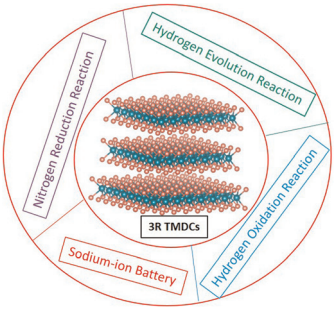
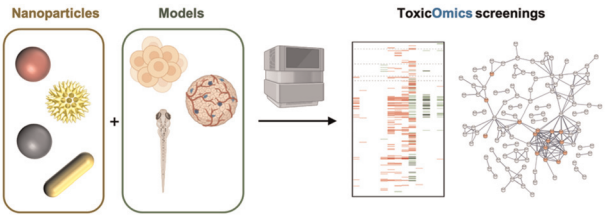
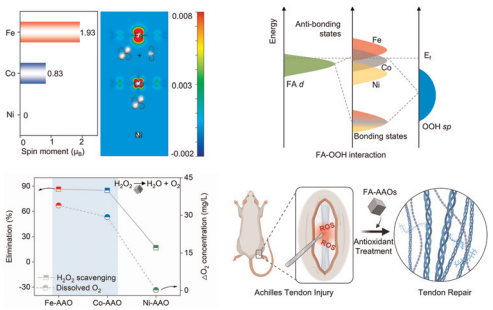
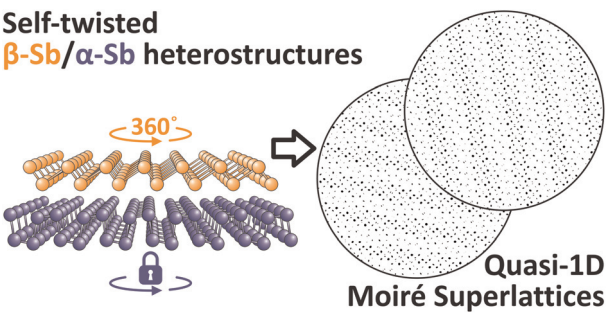




COMMUNICATIONS





COMMUNICATIONS

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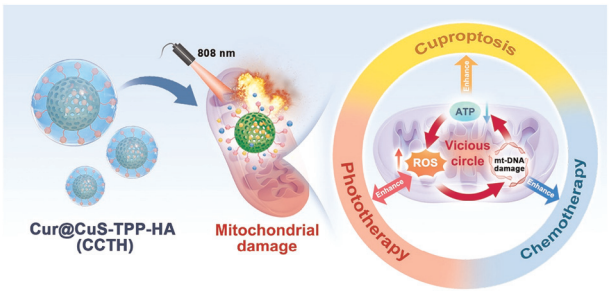
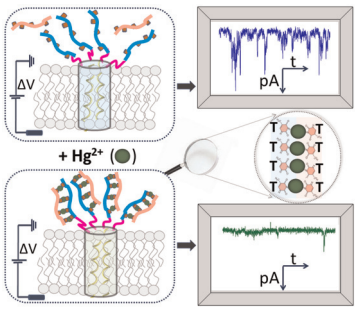


A copper missile-triggered power coalescence and death vortex within tumor cell mitochondria for synergistic cuproptosis/phototherapy/chemotherapy

Yicheng Jiang, Shuhan He, Niu Xiang, Linghui Duan, Yuxiang Lin, Wenyu Huang, Zhenghong Wu* and Xiaole Qi*

15984



Repurposing an antimicrobial peptide for the development of a dual ion channel/molecular receptor-like platform for metal ion detection

Loredana Mereuta, Jonggwan Park, Yoonkyung Park* and Tudor Luchian*

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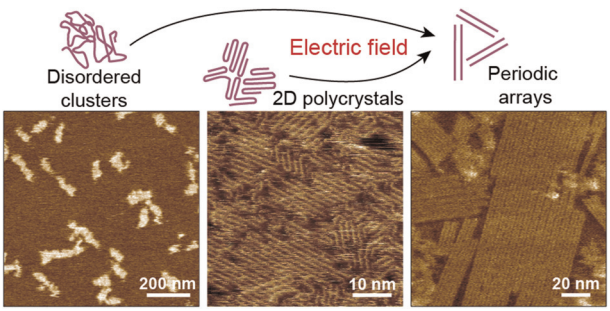
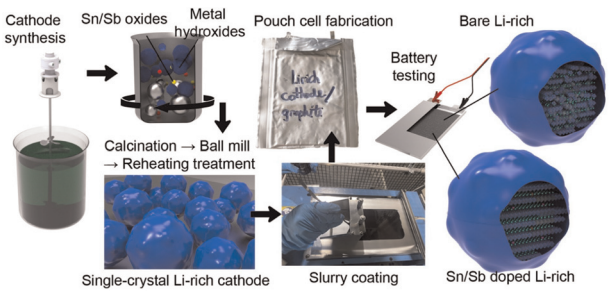
15995



Molecular-level periodic arrays of long-chain poly(3-hexylthiophene-2,5-diyl) driven by an electric field

Mingze Ma, Jingyi Qian, Ke Jiang, Liyan Wang, Yu Song* and Wenke Zhang*

16003



Rational design of dual-ion doped cobalt-free Li-rich cathode materials for enhanced cycle stability of lithium-ion pouch cell batteries

Otavio Augusto Titton Dias,* Farnaz Azarnia, Keerti Rathi, Viktoriya Pakharenko, Vijay K. Tomer and Mohini Sain

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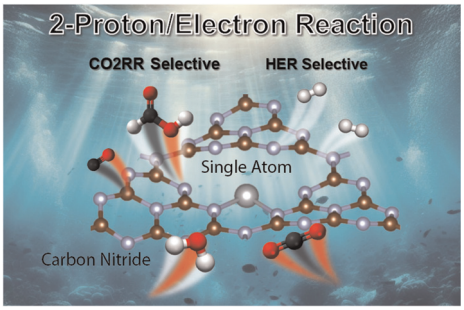

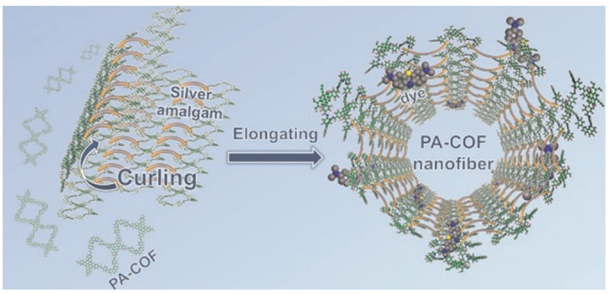

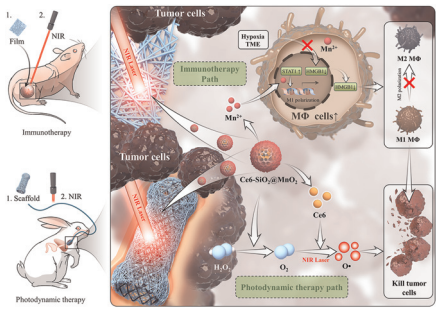

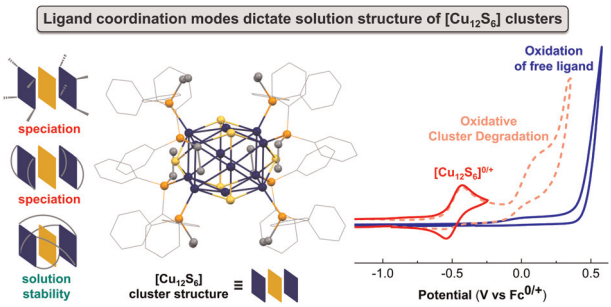

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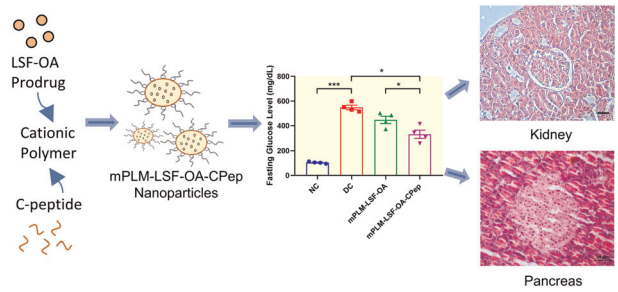
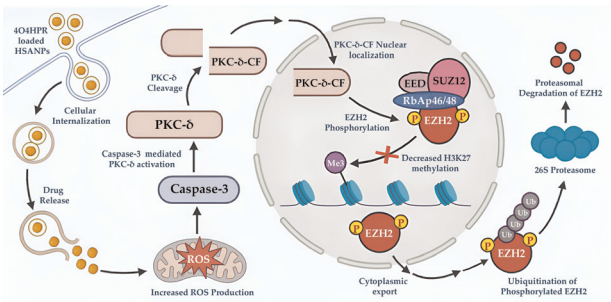


Restoring physiological parameters of the pancreas and kidney through treatment with a polymeric nano-formulation of C-peptide and lisofylline combination in diabetic nephropathy

Arihant Kumar Singh, Kommera Sai Pradyuth, Deepak Chitkara and Anupama Mittal*

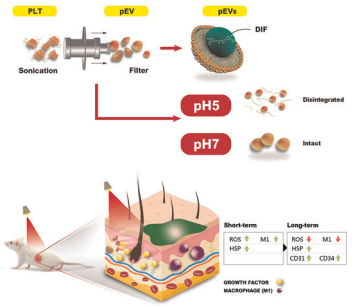
16075



Encapsulation of 4-oxo-*N*-(4-hydroxyphenyl) retinamide in human serum albumin nanoparticles promotes EZH2 degradation in preclinical neuroblastoma models

Boddu Mrunalini, Atul Dev, Avinash Chandra Kushwaha, Mohammed Nadim Sardoiwala and Surajit Karmakar*

16089



Sequential management of burn wound healing stages through biointelligence-inspired platelet extracellular vesicle-encapsulated photodynamic diferuloylmethane

Andrew E.-Y. Chuang, Yo-Lin Chen, Hieu Trung Nguyen, Hsien-Tsung Lu and Chia-Hung Liu*

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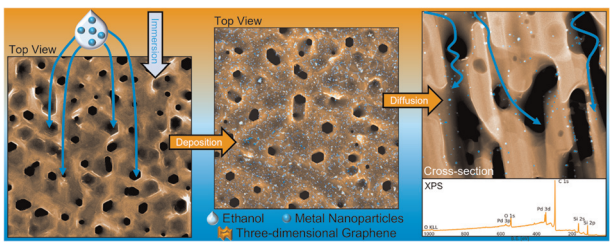

Functionalization of three-dimensional epitaxial graphene with metal nanoparticles

Emanuele Pompei,* Ylea Vlamidis, Letizia Ferbel, Valentina Zannier, Silvia Rubini, Daniel Arenas Esteban, Sara Bals, Carmela Marinelli, Georg Pfusterschmied, Markus Leitgeb, Ulrich Schmid, Stefan Heun and Stefano Veronesi*

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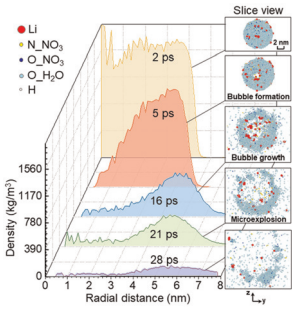

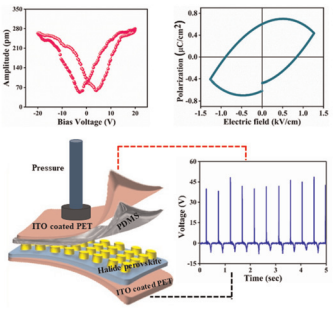

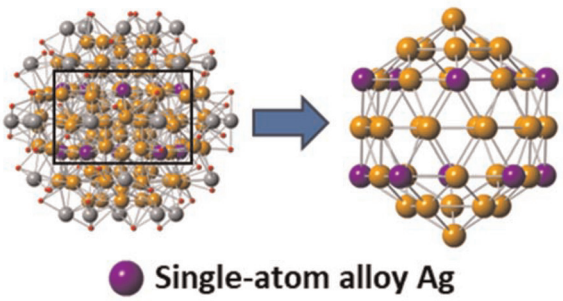

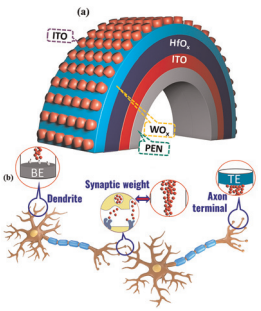

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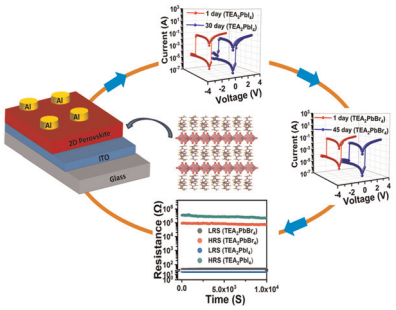

Highly stable two-dimensional Ruddlesden–Popper perovskite-based resistive switching memory devices

Milon Kundar, Koushik Gayen, Rajeev Ray, Dushyant Kushavah and Suman Kalyan Pal*

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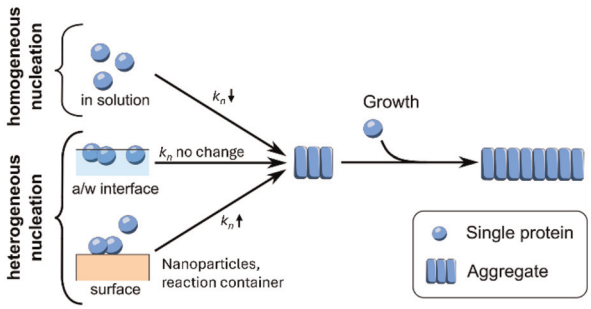

Surface effects on functional amyloid formation

Alexander J. Dear, Georg Meisl, Christopher G. Taylor, Umberto Capasso Palmiero, Susanne Nordby Stubbe, Qian Liu, Paolo Arosio, Sara Linse, Tuomas P. J. Knowles and Maria Andreasen*

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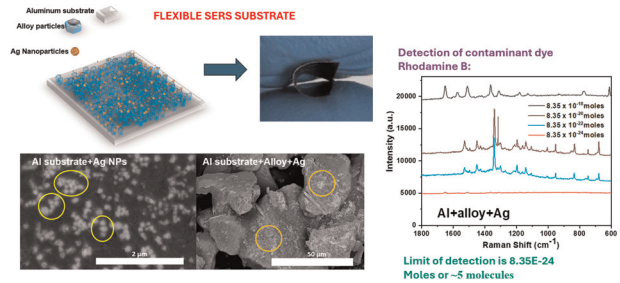
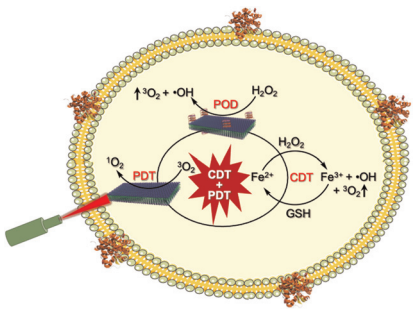


Effect of NiAl alloy microparticles deposited in flexible SERS substrates on the limit of detection of rhodamine B molecules

A. Molina, J. Oliva,* M. Vazquez-Lepe, M. Lopez-Medina, L. Ojeda, D. Rios-Jara and H. Flores-Zuñiga

16195



G_4-Hemin-loaded 2D nanosheets for combined and targeted chemo-photodynamic cancer therapy

Gowtham Raj, Tamraparni Ghosh, Vasudev D. S., Harsha P., Devu B. Kumar, Justin Prasad, Athul V. B., Abhimanyu S. M. and Reji Varghese*

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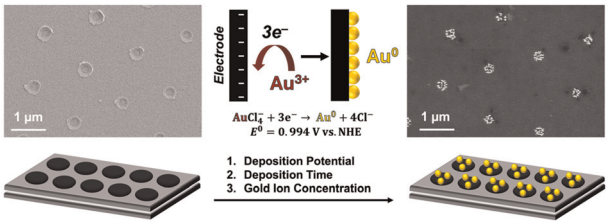

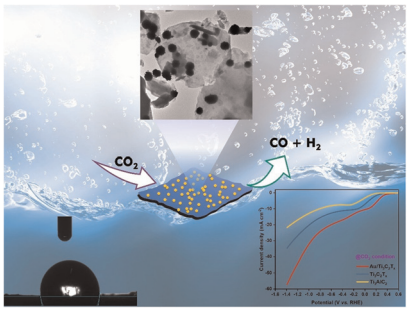

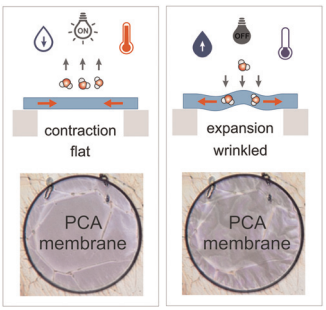

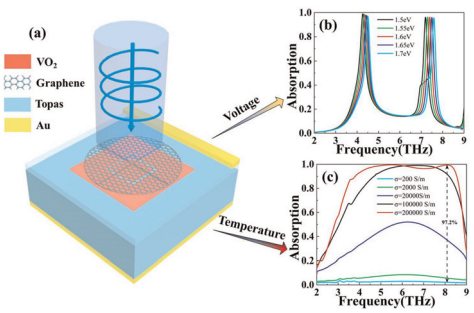

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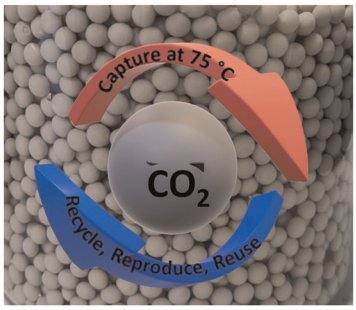
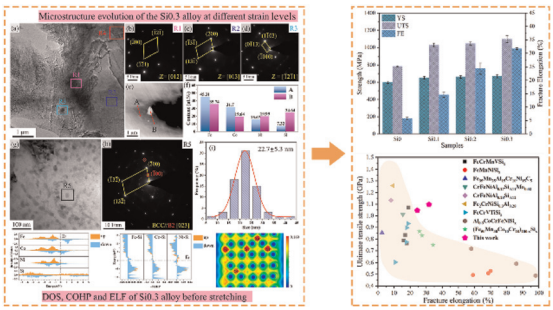


Mesoporous silica–amine beads from blast furnace slag for CO_2 capture applications

Baljeet Singh,* Marianna Kemell, Juho Yliniemi and Timo Repo*



Dual enhancement in strength and ductility of Fe-rich medium-entropy alloys *via* an *in situ* formed heterogeneous multi-phase structure

Jian Wu, Xinghua Zhu, Sirui Huang and Heguo Zhu*

CORRECTION

Correction: Hybrid 2D perovskite and red emitting carbon dot composite for improved stability and efficiency of LEDs

Amandeep Singh Pannu,* Suvankar Sen, Xiaodong (Tony) Wang, Robert Jones, Kostya (Ken) Ostrikov and Prashant Sonar*