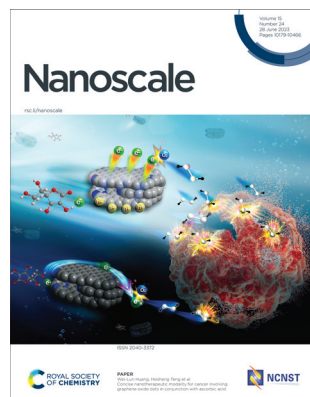


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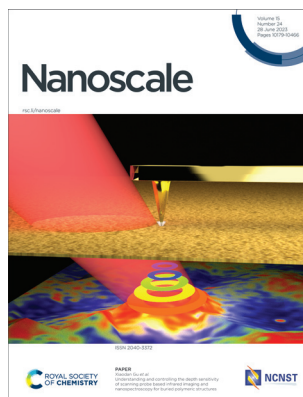
ISSN 2040-3372 CODEN NANOHL 15(24) 10179–10466 (2023)



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See Wei-Lun Huang, Hsisheng Teng *et al.*, pp. 10232–10243.

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See Xiaodan Gu *et al.*, pp. 10244–10253.

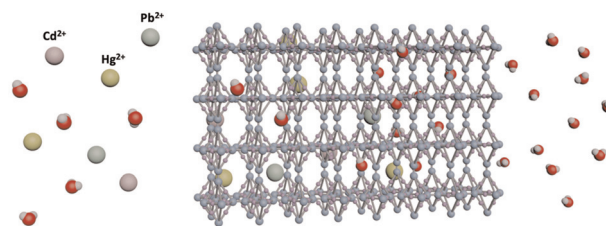
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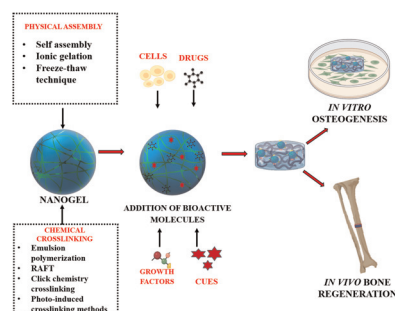
Iris Tsz Yan Lam, Seon-Jin Choi, Dong Lu and Yoonseob Kim*



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Nanogels for bone tissue engineering – from synthesis to application

Aravind Sankaranarayanan, Anushikaa Ramprasad, S. Shree Ganesh, Harini Ganesh, Bharathi Ramanathan, Abinaya Shanmugavadivu and Nagarajan Selvamurugan*



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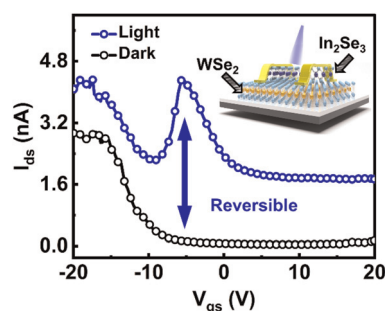


COMMUNICATION

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Reversible charge-polarity control for a photo-triggered anti-ambipolar $\text{In}_2\text{Se}_3/\text{WSe}_2$ heterotransistor

Shan Huang, Hongyu Chen,* Sujuan Wang, Yang Chen, Jianfeng He, Wenhai Wang, Yuan Pan, Yunpeng Zhao, Ligan Qi and Shichen Su*

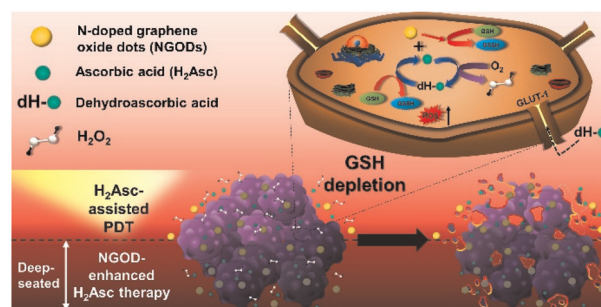


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Concise nanotherapeutic modality for cancer involving graphene oxide dots in conjunction with ascorbic acid

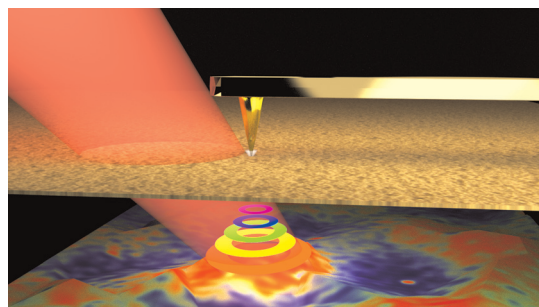
Chun-Yan Shih, Pei-Ting Wang, Wei-Pang Chung, Wen-Hsiu Wang, I-Ting Chiang, Wu-Chou Su, Wei-Lun Huang* and Hsisheng Teng*



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Understanding and controlling the depth sensitivity of scanning probe based infrared imaging and nanospectroscopy for buried polymeric structures

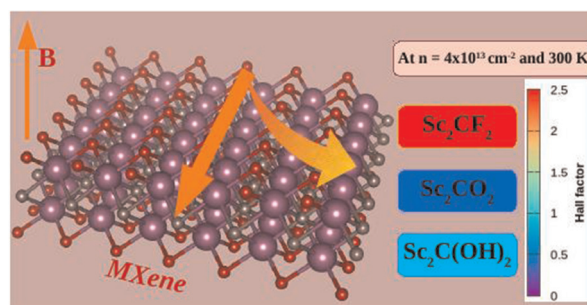
Nathaniel Prine, Camille Cardinal and Xiaodan Gu*



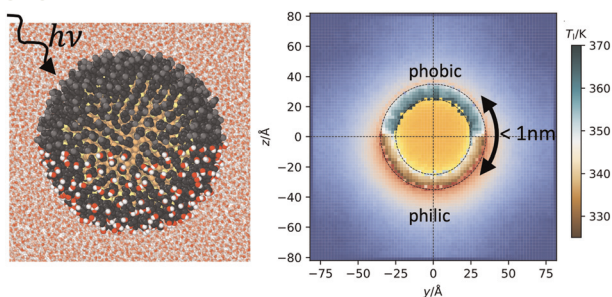
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Can magnetotransport properties provide insight into the functional groups in semiconducting MXenes?

Namitha Anna Koshi, Anup Kumar Mandia, Bhaskaran Muralidharan, Seung-Cheol Lee* and Satadeep Bhattacharjee*



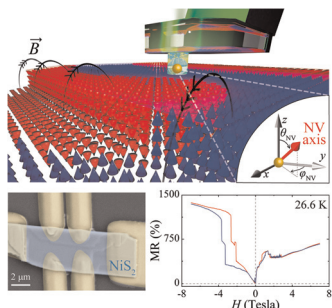
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Controlling local thermal gradients at molecular scales with Janus nanoheaters

Mingxuan Jiang, Aidan Chapman, Juan D. Olarte-Plata and Fernando Bresme*

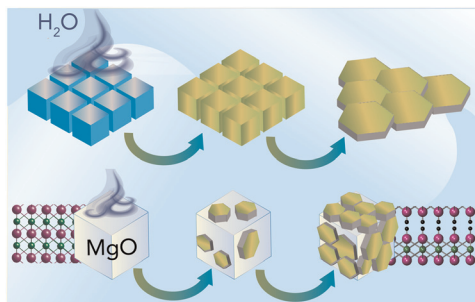
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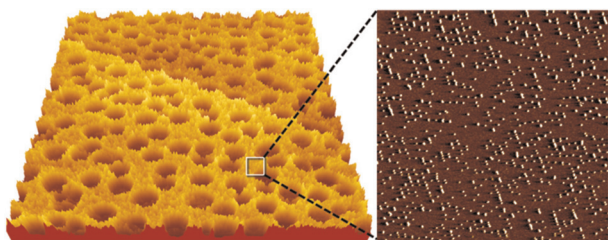
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N. Tan Luong, Michael Holmboe and Jean-François Boily*

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Sasikumar Rahul, Miriam C. Rodríguez González, Shingo Hirose, Hiromasa Kaneko, Kazukuni Tahara,* Kunal S. Mali* and Steven De Feyter*

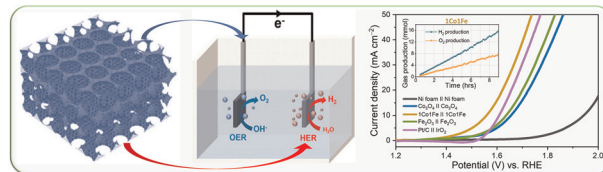


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Co_{3-x}Fe_xO₄ inverse opals with tunable catalytic activity for high-performance overall water splitting

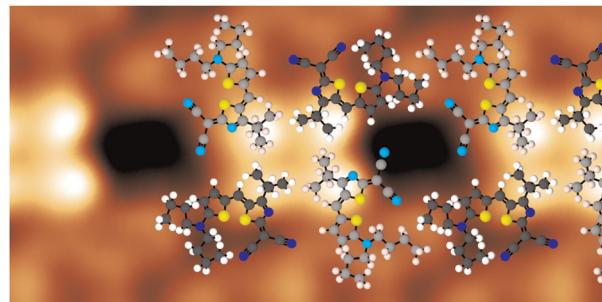
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Chiral self-organized single 2D-layers of tetramers from a functional donor–acceptor molecule by the surface template effect

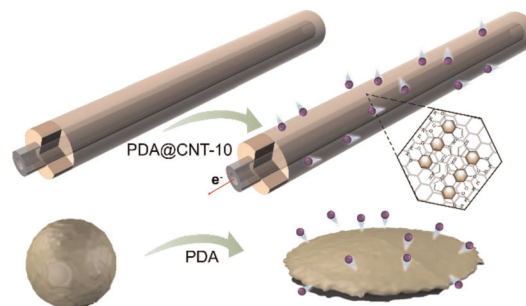
Anna J. Kny, Max Reimer, Noah Al-Shamery, Ritu Tomar, Thomas Bredow, Selina Olthof, Dirk Hertel, Klaus Meerholz and Moritz Sokolowski*



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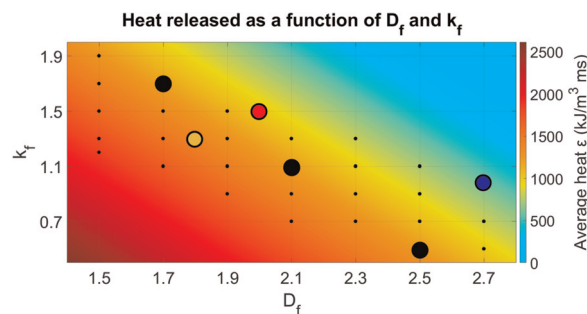
Yin Fu, Bo Hu, Guozhi Ma* and Ming Zhang*



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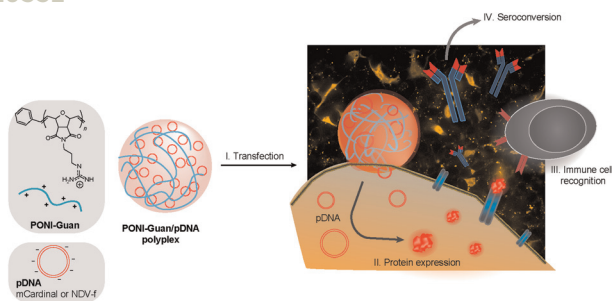
Estimating the heating of complex nanoparticle aggregates for magnetic hyperthermia

Javier Ortega-Julia, Daniel Ortega* and Jonathan Leliaert*



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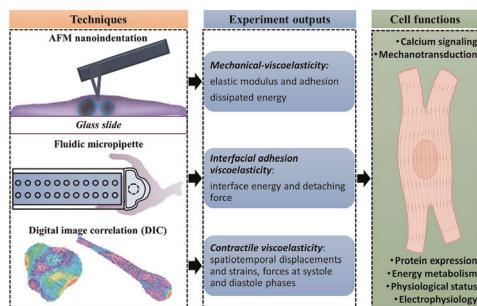
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Non-viral vaccination through cationic guanidium polymer-pDNA polyplex mediated gene transfer

David C. Luther, Ritabrita Goswami, Yi-Wei Lee, Taewon Jeon, Rui Huang, James L. Elia, Harini Nagaraj, Jetta J. E. Bijlsma, Martin Piest, Martijn A. Langeris and Vincent M. Rotello*

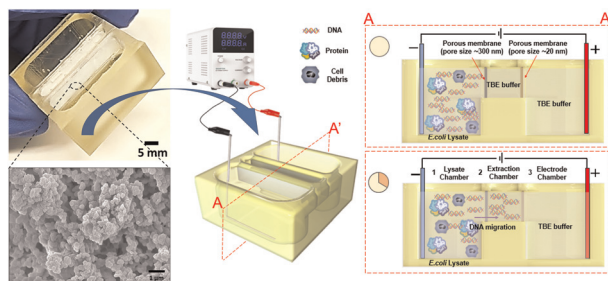
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Lihua Lou, Alberto Sesena Rubfaro, Jin He and Arvind Agarwal*

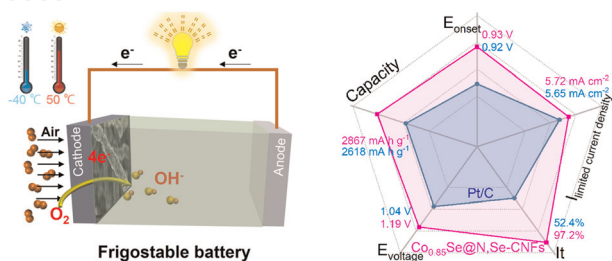
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Cobalt selenide with ordered cation vacancies for efficient oxygen reduction and frigostable Al-air batteries

Jianxue Liu,* Chao Zhang, Chen Xu, Wenwen Yang, Yuan Cao and Huimin Lu*

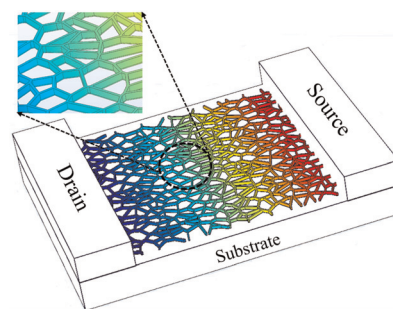


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Thermo-electro-optical properties of seamless metallic nanowire networks for transparent conductor applications

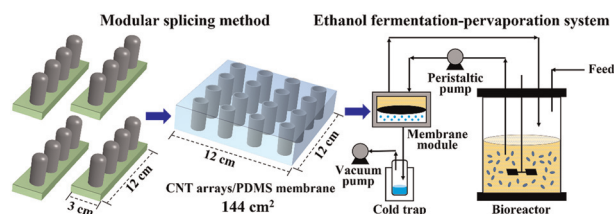
K. Esteki, D. Curic, H. G. Manning, E. Sheerin, M. S. Ferreira, J. J. Boland and C. G. Rocha*



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Preparation of expandable vertically aligned carbon nanotube arrays/polydimethylsiloxane membrane by a modular splicing method and its application in *in situ* ethanol recovery from ethanol fermentation

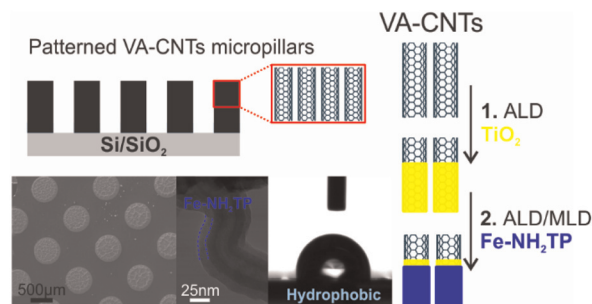
Decai Yang, Wei Kang,* Xueyang Fang,* Fei Gao, Chi Cheng, Zongbin Zhao, Shi Chen, Yongming Bao and Chuang Xue*



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ALD/MLD coating of patterned vertically aligned carbon nanotube micropillars with Fe-NH₂TP hybrids

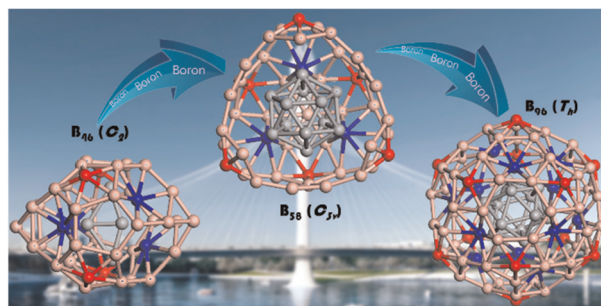
R. M. Silva,* J. Rocha* and R. F. Silva



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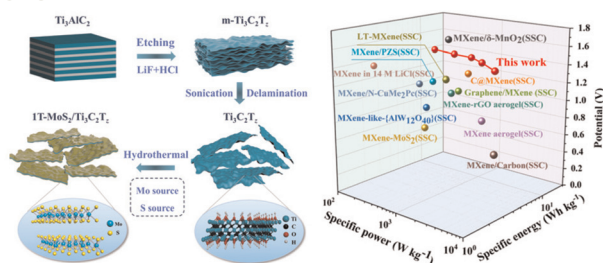
Pivotal role of the B₁₂-core in the structural evolution of B₅₂–B₆₄ clusters

Xue Wu, Rui Liao, Xiaoqing Liang, Linwei Sai,* Yong Liu, Guochun Yang and Jijun Zhao*



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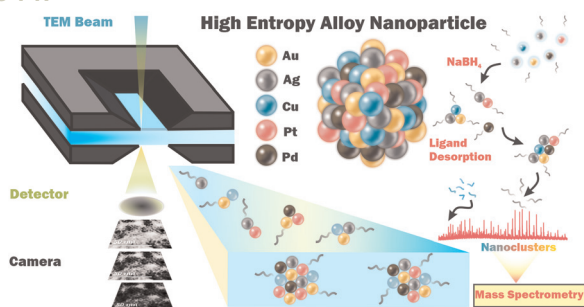
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Novel 2D/2D 1T-MoS₂/Ti₃C₂T_x heterostructures for high-voltage symmetric supercapacitors

Xiaodan Yin, Wei Zheng,* Haifeng Tang, Peigen Zhang* and ZhengMing Sun*

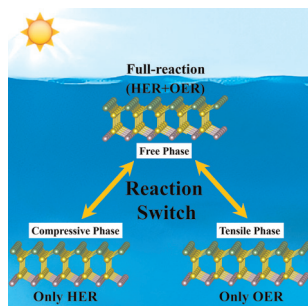
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Visualizing formation of high entropy alloy nanoparticles with liquid phase transmission electron microscopy

Jiayue Sun, Asher Leff, Yue Li and Taylor J. Woehl*

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Switch effect on controlled water splitting by biaxial strain regulating the promising two-dimensional Janus X₂PAs (X = Si, Ge and Sn) photocatalyst

Qi-Wen He, Yang Wu, Chun-Hua Yang, He-Na Zhang, Dai-Song Tang, Xiao Shang and Xiao-Chun Wang*

