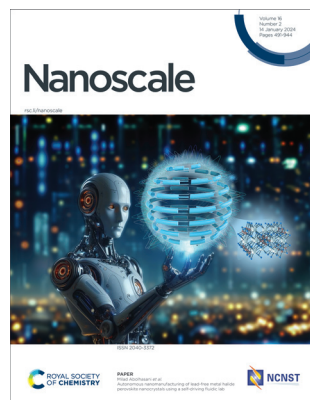


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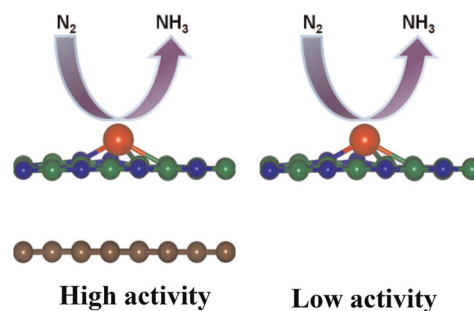
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Single-atom catalysts supported on a hybrid structure of boron nitride/graphene for efficient nitrogen fixation via synergistic interfacial interactions

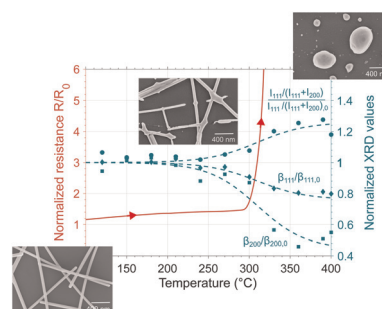
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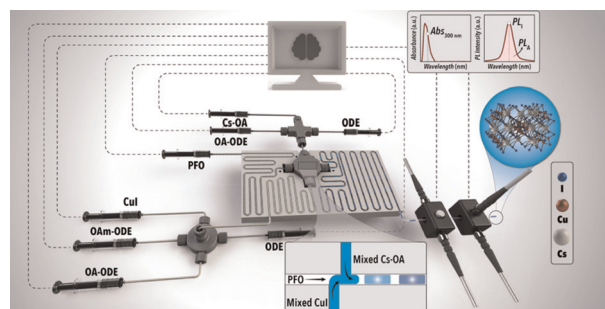


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Sina Sadeghi, Fazel Bateni, Taekhoon Kim, Dae Yong Son, Jeffrey A. Bennett, Negin Orouji, Venkat S. Punati, Christine Stark, Teagan D. Cerra, Rami Awad, Fernando Delgado-Licona, Jinge Xu, Nikolai Mukhin, Hannah Dickerson, Kristofer G. Reyes and Milad Abolhasani



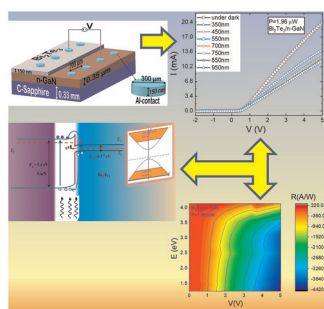
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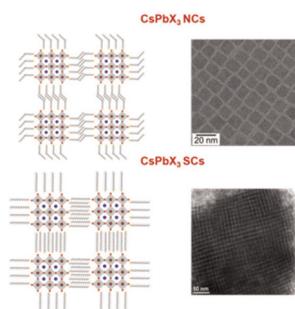
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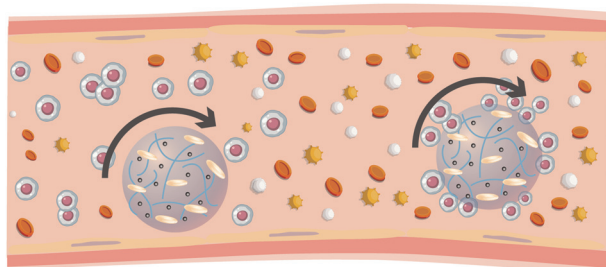
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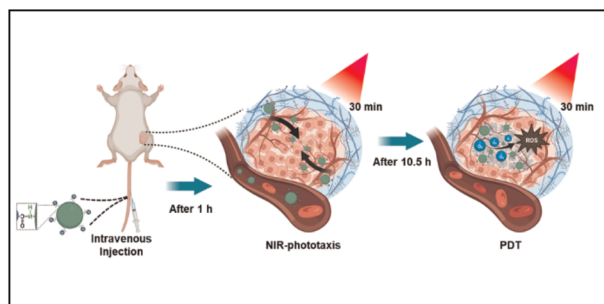
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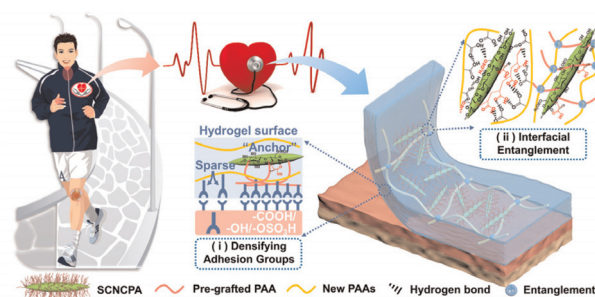


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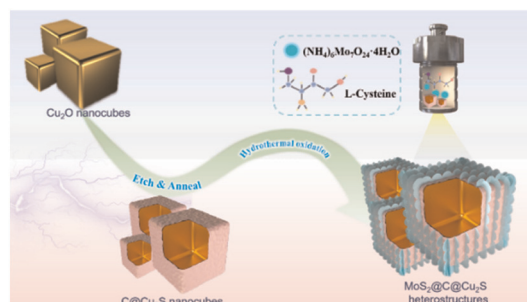
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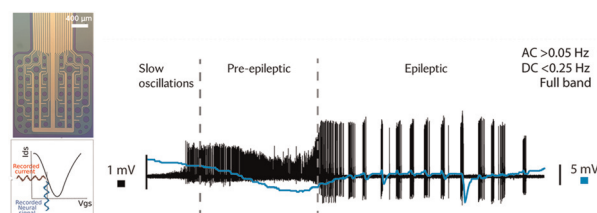
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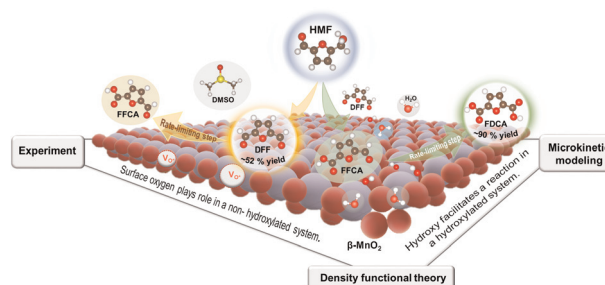
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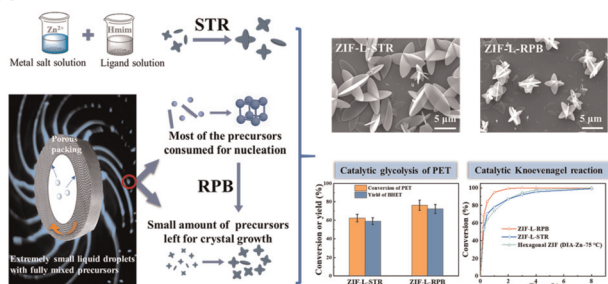
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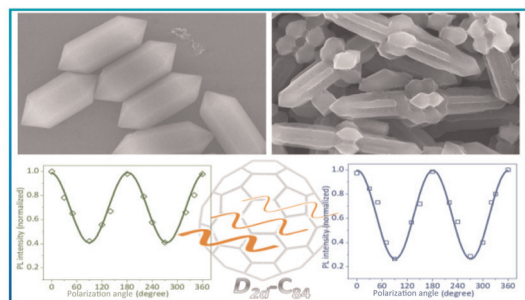
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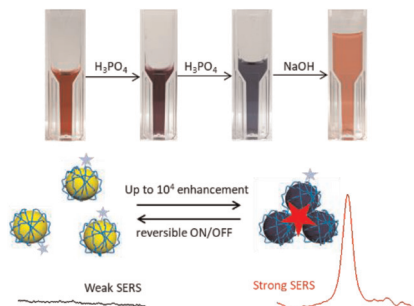
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Crystalline architectures of C_{84} with tunable morphology and linearly polarized red emission

Feng Wang, Botao Zhu, Jie Xiong, Shuo Wu, Jiabin Sun, Hailin Cong* and Lai Feng

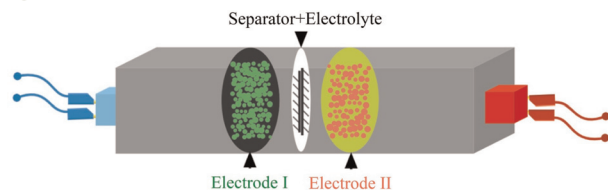
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Unlocking the full potential of citric acid-synthesized carbon dots as a supercapacitor electrode material via surface functionalization

Melis Özge Alaş Çolak, Ahmet Güngör, Merve Buldu Akturk, Emre Erdem* and Rukan Genç

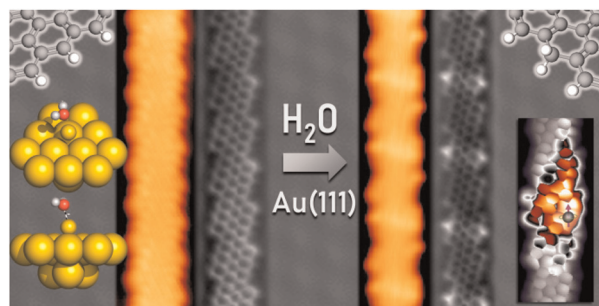


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The effect of water on gold supported chiral graphene nanoribbons: rupture of conjugation by an alternating hydrogenation pattern

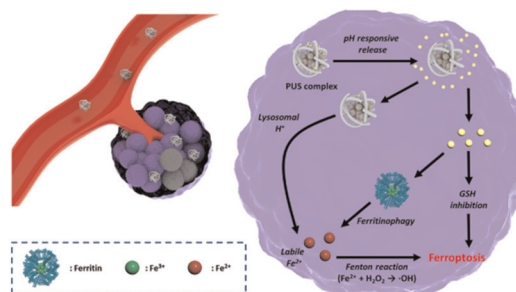
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A polymeric iron oxide nanocomplex loaded with sulfasalazine: an approach for inducing ferritinophagy-assisted ferroptosis for anti-cancer therapy

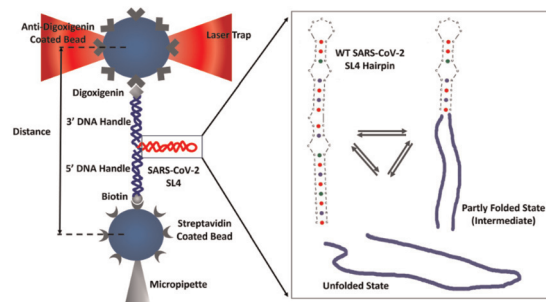
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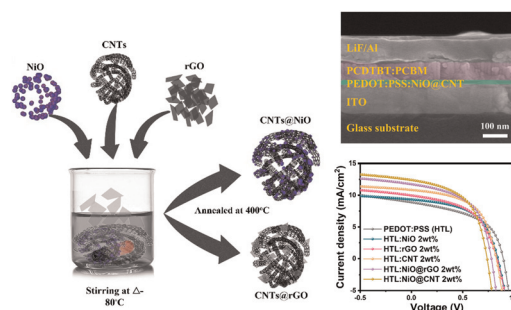
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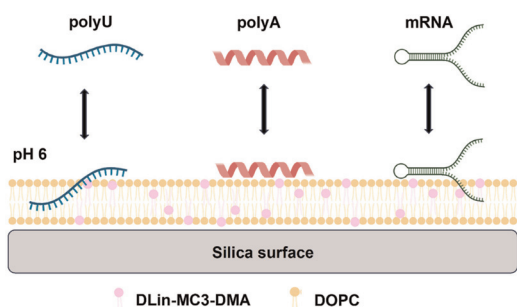
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Metal oxide-embedded carbon-based materials for polymer solar cells and X-ray detectors

Sikandar Aftab, Hailiang Liu, Dhanasekaran Vikraman, Sajjad Hussain, Jungwon Kang* and Abdullah A. Al-Kahtani



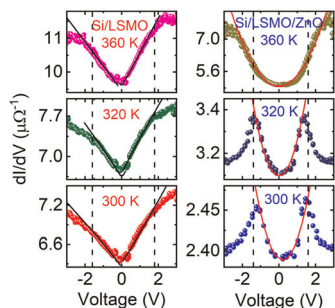
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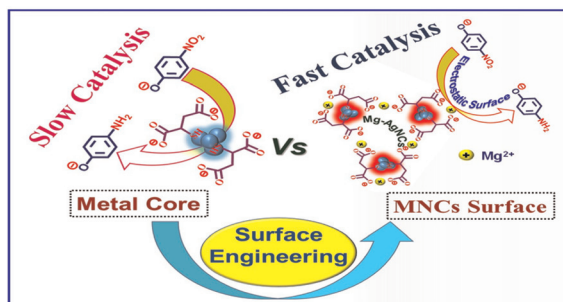
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Bibekananda Das and Prahallad Padhan

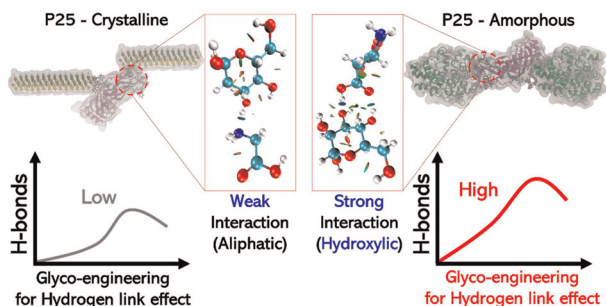
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Mechanistic elucidation of the catalytic activity of silver nanoclusters: exploring the predominant role of electrostatic surface

Paritosh Mahato, Shashi Shekhar, Rahul Yadav and Saptarshi Mukherjee

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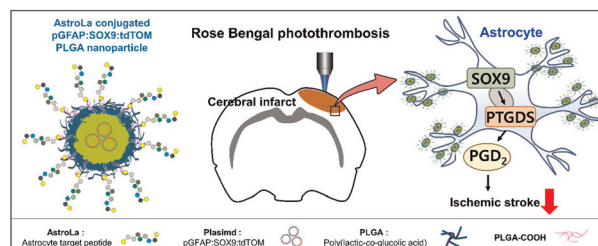
Wooboom Park, Taeyoung Yoon, Hyunjoon Chang, Juneseok You* and Sungsoo Na



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Peptide-mediated targeted delivery of SOX9 nanoparticles into astrocytes ameliorates ischemic brain injury

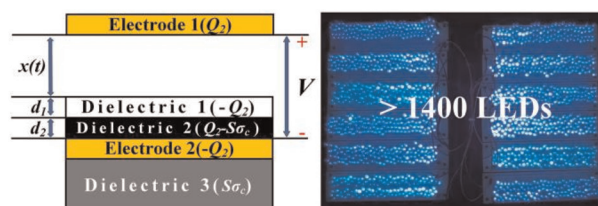
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A new triboelectric nanogenerator based on a multi-material stacking structure achieves efficient power conversion from discrete mechanical movement

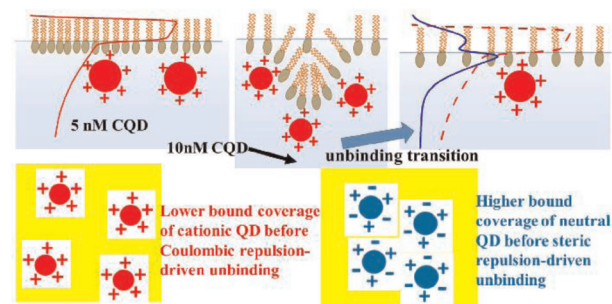
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Spontaneous unbinding transition of nanoparticles adsorbing onto biomembranes: interplay of electrostatics and crowding

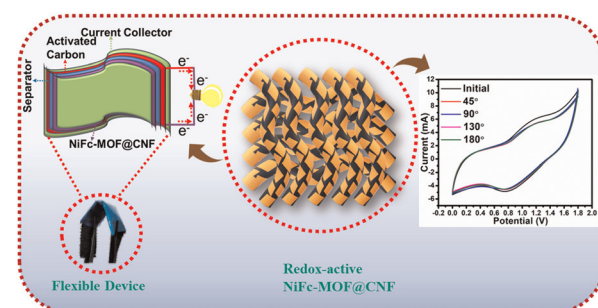
Anurag Chaudhury, Koushik Debnath, Nikhil R. Jana and Jaydeep K. Basu



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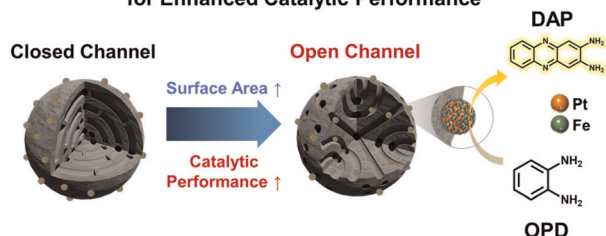
In situ growth of a redox-active metal-organic framework on electrospun carbon nanofibers as a free-standing electrode for flexible energy storage devices

Zahir Abbas, Nissar Hussain, Surender Kumar and Shaikh M. Mobin



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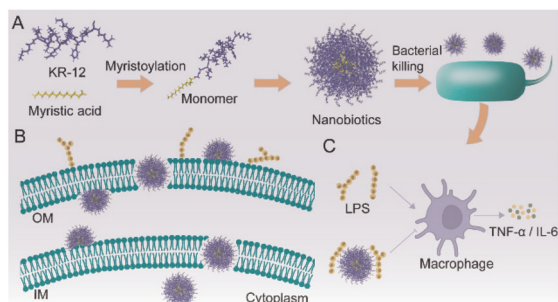
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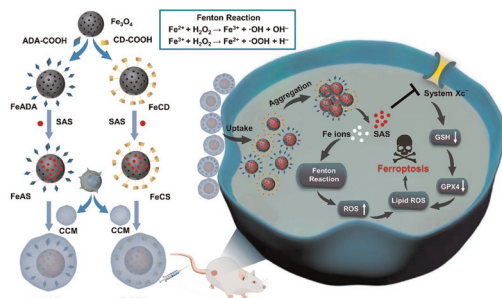
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Turning cationic antimicrobial peptide KR-12 into self-assembled nanobiotics with potent bacterial killing and LPS neutralizing activities

Ruyi Lei, Chujun Yang, Yaqi Sun, Dejian Li, Liman Hao, Yang Li, Shujing Wu, Hui Li, Chao Lan* and Xiangming Fang

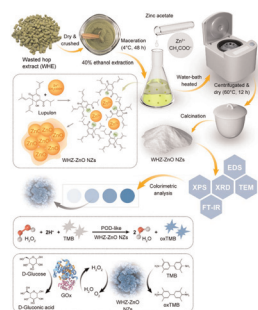
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Intracellular self-aggregation of biomimetic Fe₃O₄ nanoparticles for enhanced ferroptosis-inducing therapy of breast cancer

Zhendong Zhang, Beibei Xie, Xiaojie Lu, Lishan Xiong, Xinyuan Li, Yan Zhang, Chunlai Li* and Chenhui Wang

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Pei Liu, Mengdi Liang, Zhengwei Liu, Haiyu Long, Han Cheng, Jiahe Su, Zhongbiao Tan, Xuewen He, Min Sun, Xiangqian Li and Shuai He

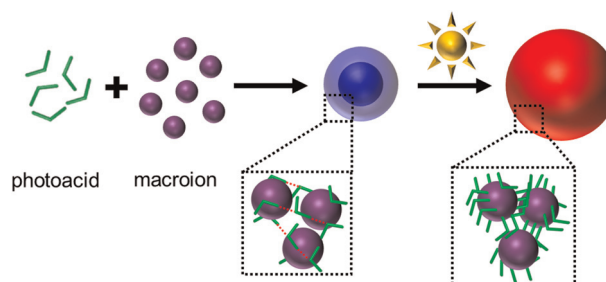


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Photoacid-macroion assemblies: how photo-excitation switches the size of nano-objects

Alexander Zika, Mohit Agarwal, Wiebke Zika, Dirk M. Guldi, Ralf Schweins and Franziska Gröhn



CORRECTION

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Correction: Elaborating the interplay between the detecting unit and emitting unit in infrared quantum dot up-conversion photodetectors

Qiulei Xua, Xinxin Yang, Jiao Jiao Liu, Fei Li, Ruiguang Chang, Lei Wang, A Qiang Wang, Zhenghui Wu, Huaibin Shen and Zuliang Du

