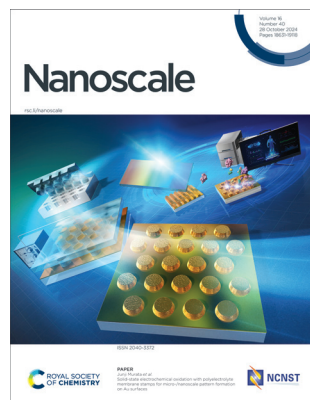


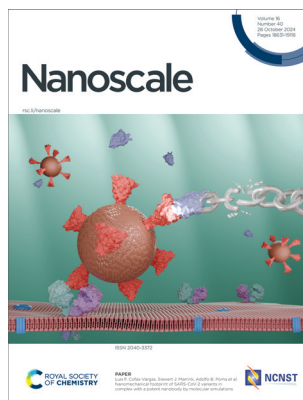
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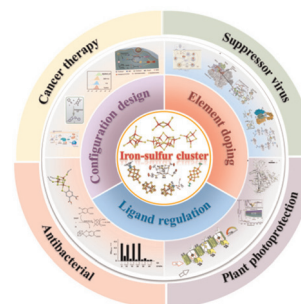
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Atomic-level design of biomimetic iron–sulfur clusters for biocatalysis

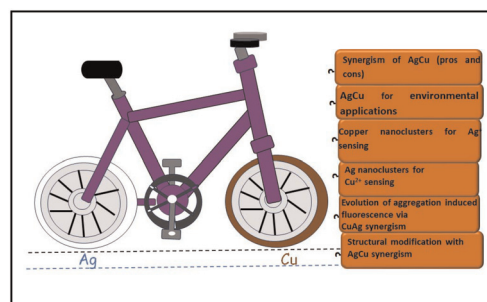
Sufei Zhou, Di Liu, Kelong Fan, Haile Liu* and
Xiao-Dong Zhang*



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Synergism between copper and silver nanoclusters induces fascinating structural modifications, properties, and applications

Priyanka Sharma, Mainak Ganguly* and Ankita Doi



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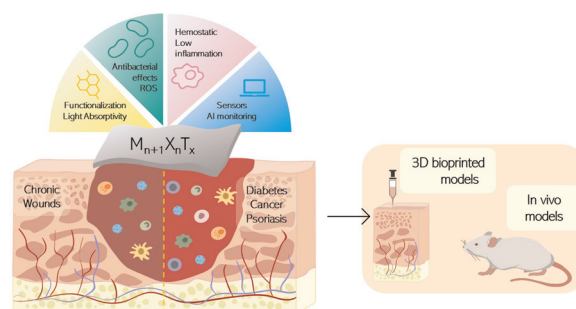
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Advanced approaches in skin wound healing – a review on the multifunctional properties of MXenes in therapy and sensing

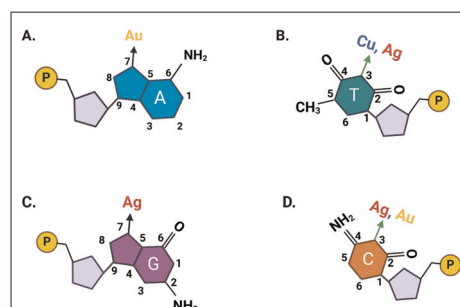
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DNA-templated fluorescent metal nanoclusters and their illuminating applications

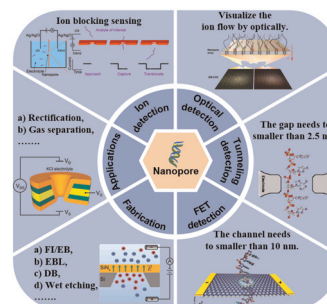
Ashwin Rajeev and Dhiraj Bhatia*



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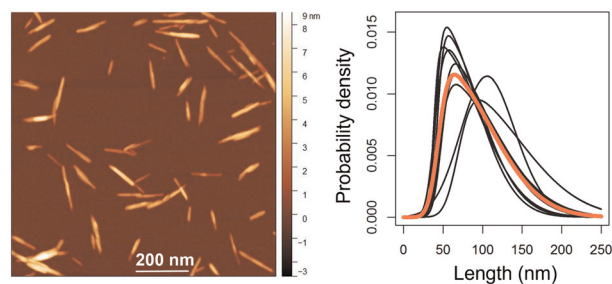
Jiangtao Wei, Hao Hong, Xing Wang, Xin Lei, Minjie Ye and Zewen Liu*



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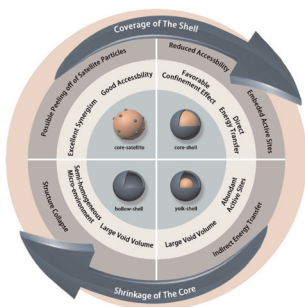
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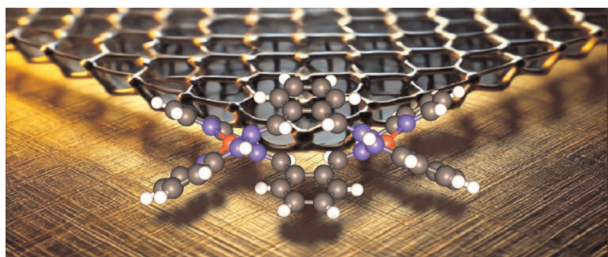


Structural engineering in hierarchical nanoarchitectures of metal–organic frameworks and their derivatives

Tianzhu Mao, Hongchuan Fu and Kui Shen*

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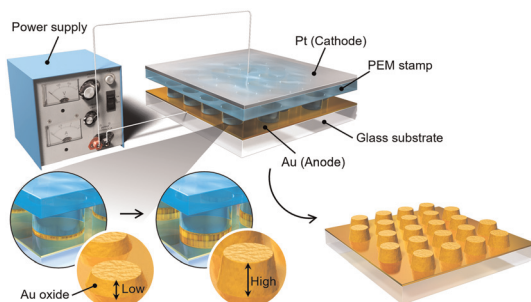


Functionalisation of graphite and thermally reduced graphene oxide with bis-hydrazone copper(i) nitrate salt

Piotr W. Zabierowski,* Lukáš Děkanovský, Vlastimil Mazánek, Maciej Hodorowicz and Zdeněk Sofer*

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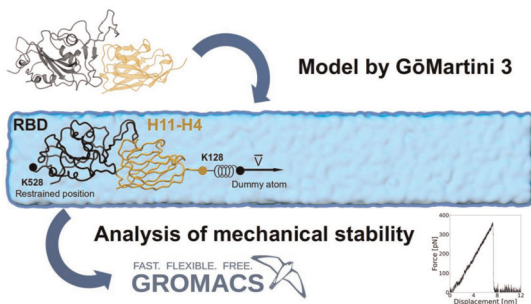
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Solid-state electrochemical oxidation with polyelectrolyte membrane stamps for micro-/nanoscale pattern formation on Au surfaces

Tatsuya Fujii, Atsuki Tsuji, Masaru Takizawa and Junji Murata*

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Nanomechanical footprint of SARS-CoV-2 variants in complex with a potent nanobody by molecular simulations

Luis F. Cofas-Vargas,* Gustavo E. Olivos-Ramirez, Mateusz Chwastyk, Rodrigo A. Moreira, Joseph L. Baker, Siewert J. Marrink* and Adolfo B. Poma*

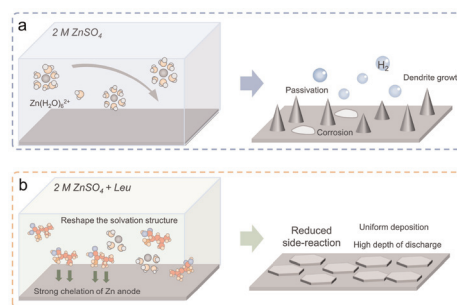


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Guiding uniform Zn deposition with a multifunctional additive for highly utilized Zn anodes

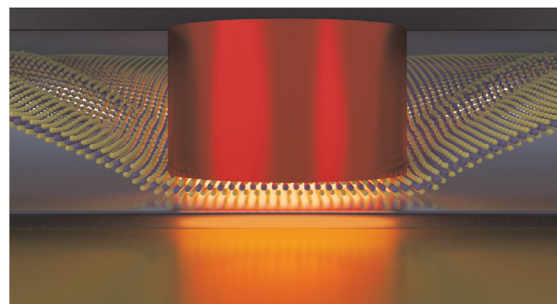
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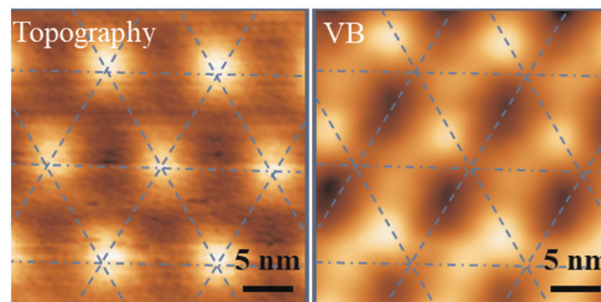
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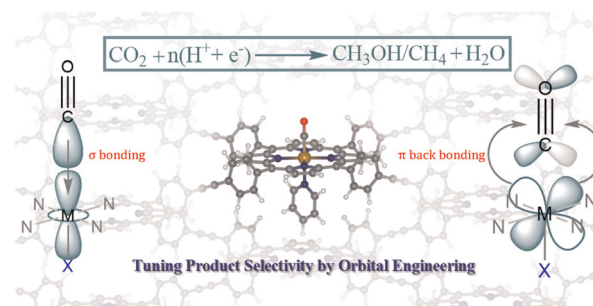
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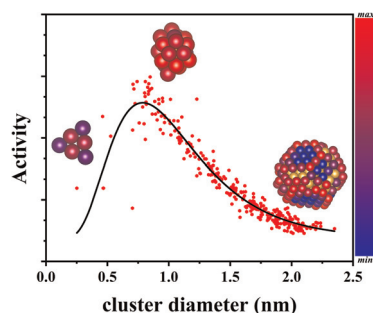
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Tuning the product selectivity of single-atom catalysts for CO₂ reduction beyond CO formation by orbital engineering

Vasanthapandiyan Mari and Naiwrit Karmodak*



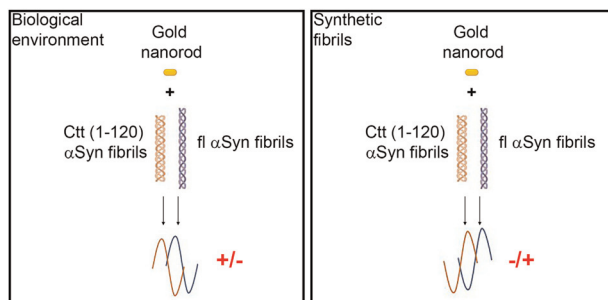
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Size-dependent catalytic activity for CO oxidation over sub-nano-Au clusters

Yuqi Wang, Haoxiang Xu,* Jiqin Zhu* and Daojian Cheng*

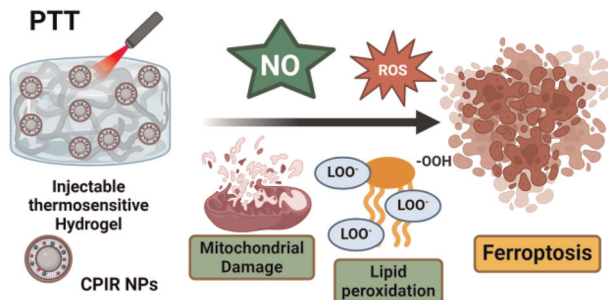
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Nanorod-associated plasmonic circular dichroism monitors the handedness and composition of α -synuclein fibrils from Parkinson's disease models and post-mortem brain

Francesca Longhena, Rihab Boujebene, Viviana Brembati, Michele Sandre, Luigi Bubacco, Sergio Abbate, Giovanna Longhi* and Arianna Bellucci*

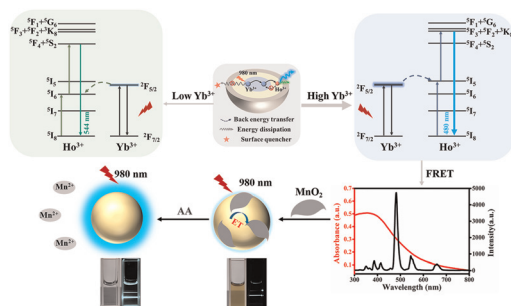
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In situ thermosensitive H_2O_2/NO self-sufficient hydrogel for photothermal ferroptosis of triple-negative breast cancer

Sri Amruthaa Sankaranarayanan, Kalyani Eswar, Rupali Srivastava, Ajinkya Madhukar Thanekar, Mounika Gubige, Veeresh Bantal and Aravind Kumar Rengan*

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Blue emission-dominated $NaYbF_4@NaYF_4:2\% Ho@NaYF_4$ upconversion nanoparticles for detecting ascorbic acid

Pengli Wang, Jiaxin Li, Yujiao Zhang, Dan Xiao and Cuisong Zhou*

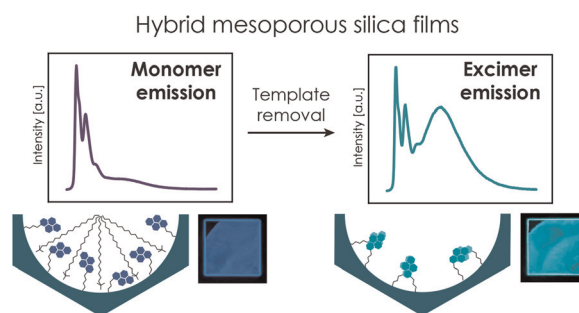


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Pyrene monomer–excimer dynamics to reveal molecular organization in mesoporous hybrid silica films

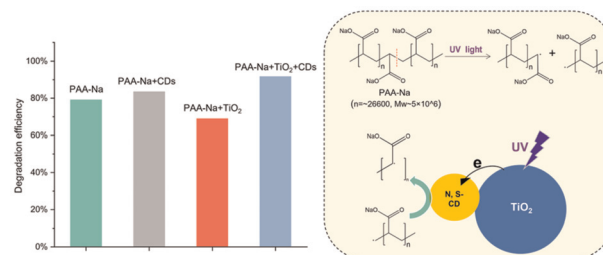
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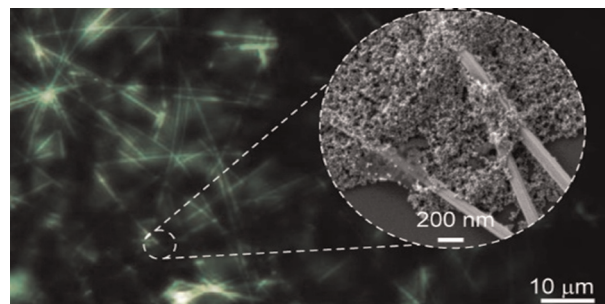
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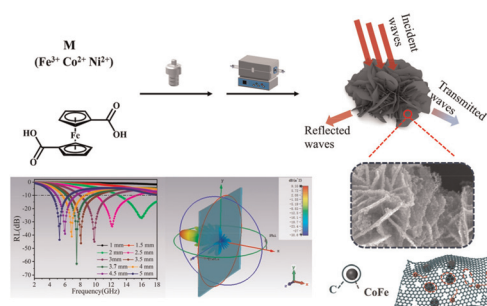
Eduardo D. Martínez,* Luiz H. A. R. Ferreira, Albano N. Carneiro Neto, Carlos D. S. Brites and Luís D. Carlos



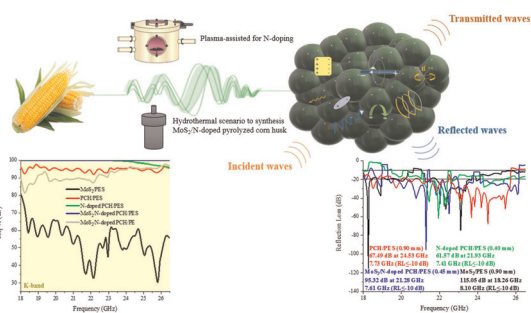
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Fabrication of flower-like CoFe/C composites derived from ferrocene-based metal–organic frameworks: an *in situ* growth strategy toward high-efficiency electromagnetic wave absorption

Xueling Wang, Xuan Zhang, Jiaqi Lu and Zhiliang Liu*



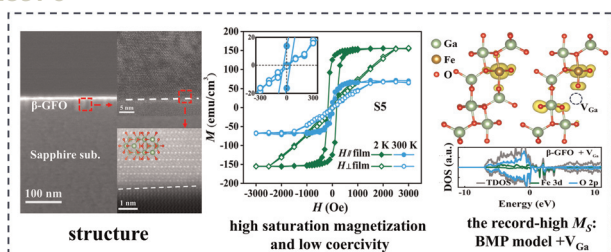
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Plasma-assisted doping of pyrolyzed corn husk strengthened by MoS₂/polyethersulfone for fascinating microwave absorbing/shielding and energy saving properties

Hassan Rezaei, Fereshteh Soltani-Mohammadi, Haniyeh Dogari, Hossein Ghafari* and Reza Peymanfar*

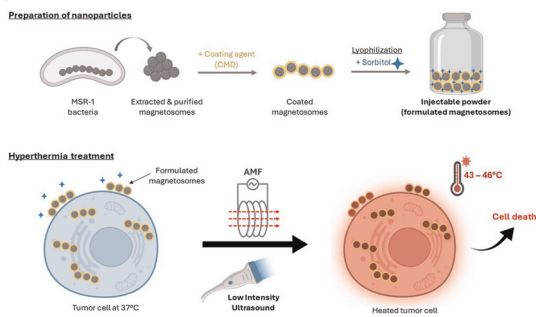
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Room-temperature ferromagnetic semiconductor Fe-doped β -Ga₂O₃ thin films with high saturation magnetization and low coercivity

Dan Gong, Xi Zhang,* Xu Dai, Yongjia Tan, Yong Peng and Gang Xiang*

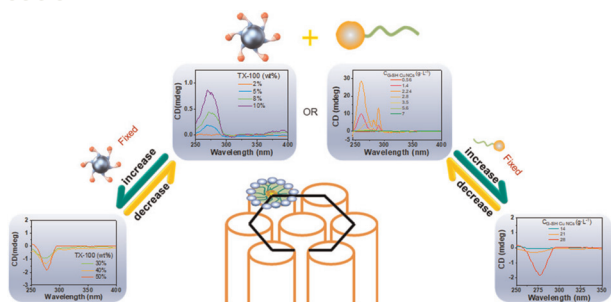
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Stable pharmaceutical composition of cryo-protected non-pyrogenic isotonic chains of magnetosomes for efficient tumor cell destruction at 45 ± 1 °C under alternating magnetic field or ultrasound application

Tieu Ngoc Nguyen, Imène Chebbi, Raphaël Le Fèvre, François Guyot and Edouard Alphandéry*

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Liquid crystal-mediated self-assembly of copper nanoclusters with induced circular dichroism and amplified circularly polarized luminescence

Shulin Li, Ning Feng, Mengdi Sun, Yuxiang Sha, Xia Xin,* Hui Zhao and Hongguang Li*

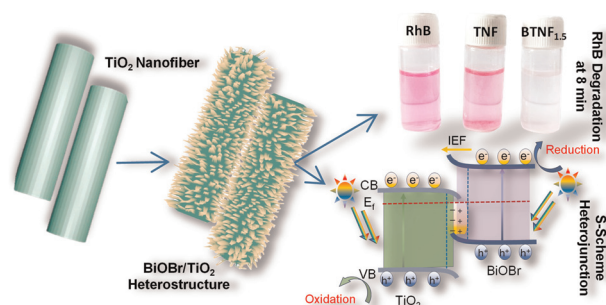


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Unveiling efficient S-scheme charge carrier transfer in hierarchical BiOBr/TiO₂ heterojunction photocatalysts

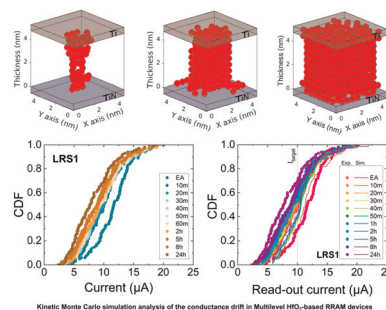
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Kinetic Monte Carlo simulation analysis of the conductance drift in Multilevel HfO₂-based RRAM devices

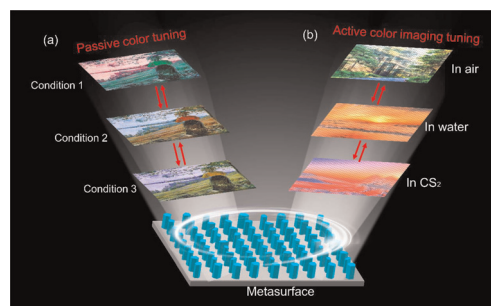
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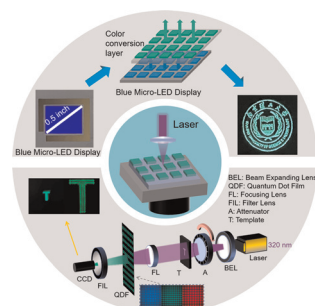
Qiang Weng and Yanjun Bao*



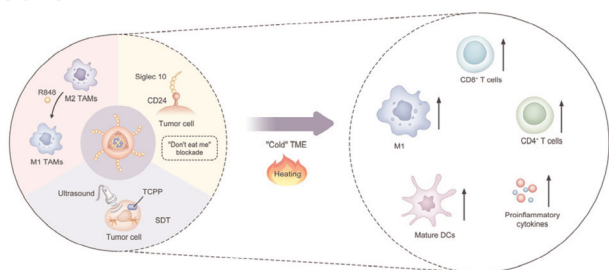
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Continuous wave laser fabrication of small pitch/size perovskite pixels realizes high-resolution color conversion micro-LED displays

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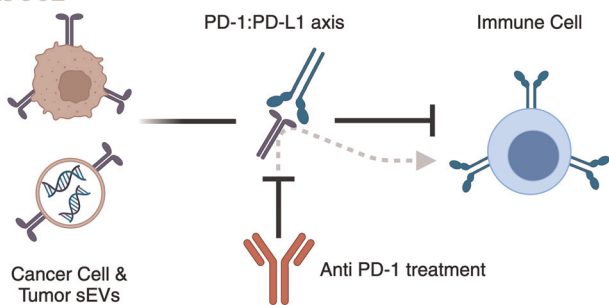
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Engineering macrophage membrane-camouflaged nanoplateforms with enhanced macrophage function for mediating sonodynamic therapy of ovarian cancer

Xiaofei Wang, Hongling Wang, Yansheng Li, Zhihong Sun, Jie Liu, Chengming Sun* and Xiaoli Cao*

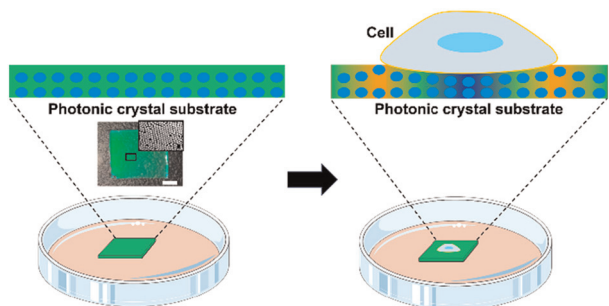
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Investigating nano-sized tumor-derived extracellular vesicles in enhancing anti-PD-1 immunotherapy

Hesam Abouali, Michelle Przedborski, Mohammad Kohandel* and Mahla Poudineh*

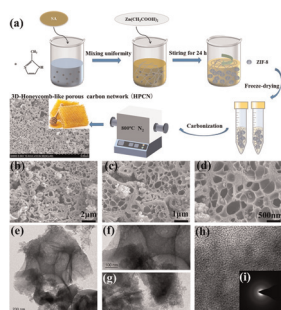
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Qian Li, Tongde Wang, Tie Shu, Xiaoyi Pan and Yousheng Tao*



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