

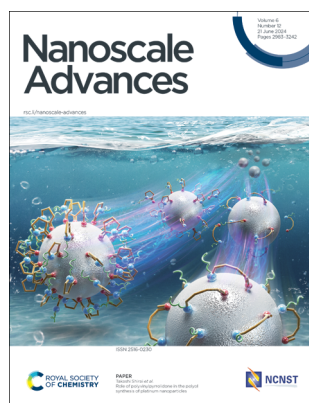
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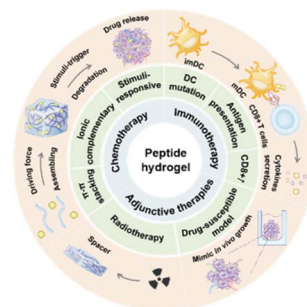
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Applications of self-assembled peptide hydrogels in anti-tumor therapy

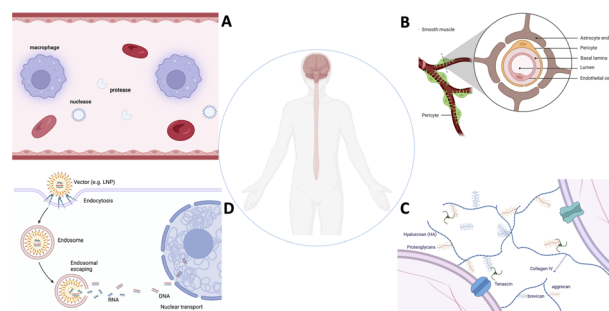
Yue Hua and Yang Shen*



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Strategies for enhanced gene delivery to the central nervous system

Zhenghong Gao*



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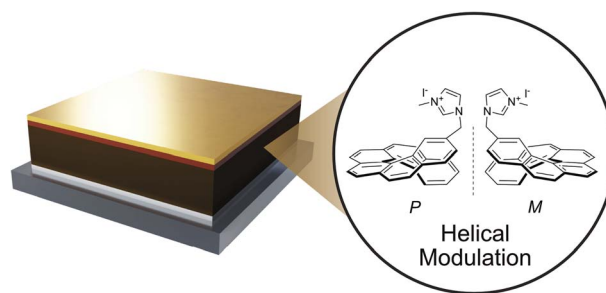
Fundamental questions
Elemental answers



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Helical interfacial modulation for perovskite photovoltaics

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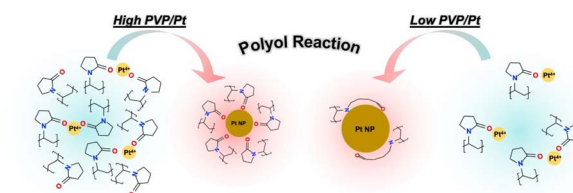


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Role of polyvinylpyrrolidone in the polyol synthesis of platinum nanoparticles

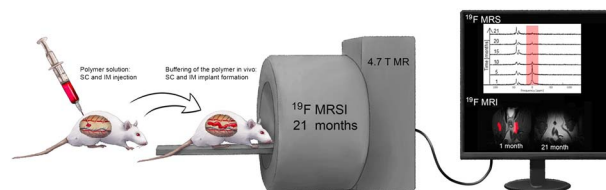
Yunzi Xin, Taku Nagata, Kunihiko Kato, Yuping Xu and Takashi Shirai*



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Long-term *in vivo* dissolution of thermo- and pH-responsive, ^{19}F magnetic resonance-traceable and injectable polymer implants

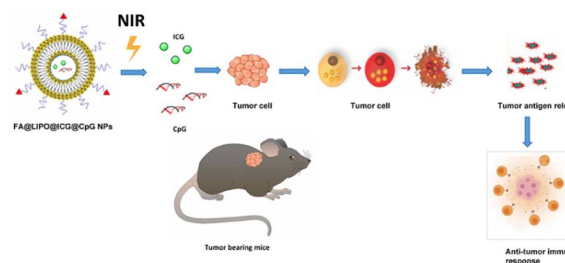
Natalia Jirát-Ziótkowska, Martin Vit, Ondřej Groborz, Kristýna Kolouchová, David Červený, Ondřej Sedláček and Daniel Jirák*



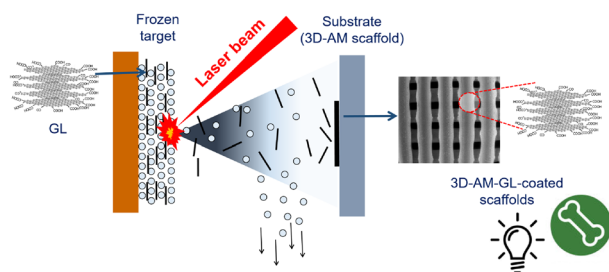
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Targeted nanotherapy platform mediated tumor-infiltrating CD8⁺ T cell immune function effects for collaborative anti-tumor photothermal immunotherapy for cervical cancer

Lei Wang, Jianhuan Chen, Cailing Ma* and Chuanshan Zhang*



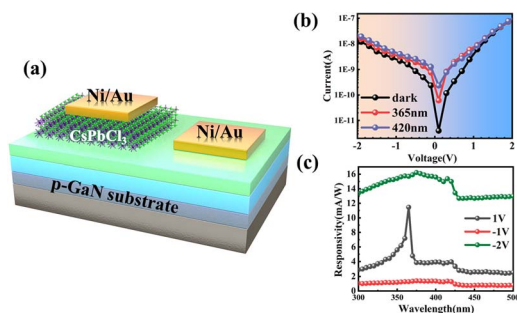
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An integrated design strategy coupling additive manufacturing and matrix-assisted pulsed laser evaporation (MAPLE) towards the development of a new concept 3D scaffold with improved properties for tissue regeneration

Teresa Russo, Valentina Peluso, Antonio Gloria,*
Valentina Gargiulo, Michela Alfe* and Giovanni Ausanio*

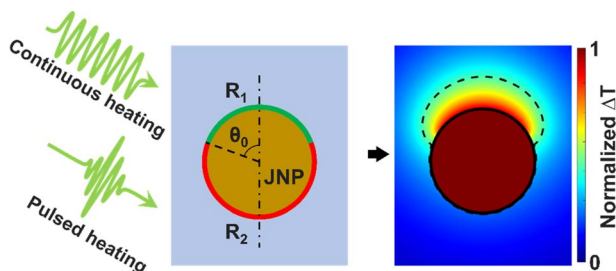
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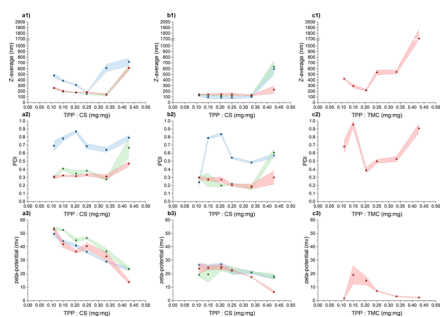
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Chen Xie, Blake A. Wilson and Zhenpeng Qin*

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Exploring the antimicrobial potential of chitosan nanoparticles: synthesis, characterization and impact on *Pseudomonas aeruginosa* virulence factors

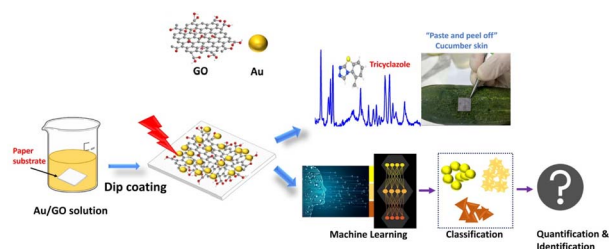
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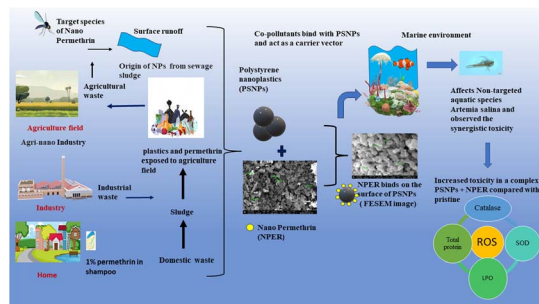
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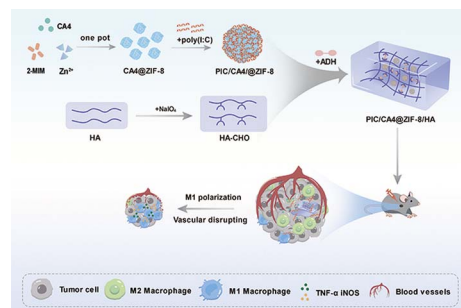
Mahalakshmi Kamalakannan, Durgalakshmi Rajendran, John Thomas and Natarajan Chandrasekaran*



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Enhancing anti-angiogenic immunotherapy for melanoma through injectable metal-organic framework hydrogel co-delivery of combretastatin A4 and poly(I:C)

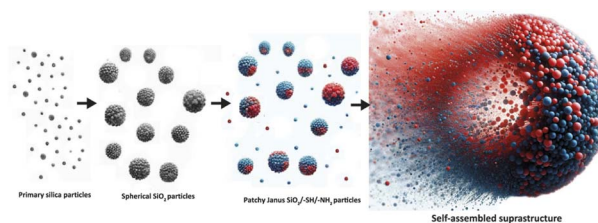
Xufeng Xiao, Yunuo Zheng, Tianlong Wang, Xiaoqing Zhang, Gaochuan Fang, Zhonghai Zhang, Zhengkui Zhang* and Jiaojiao Zhao*



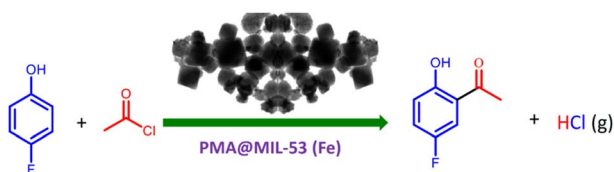
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Insights into emulsion synthesis of self-assembled suprastructures formed by Janus silica particles with $-NH_2/-SH$ surface groups

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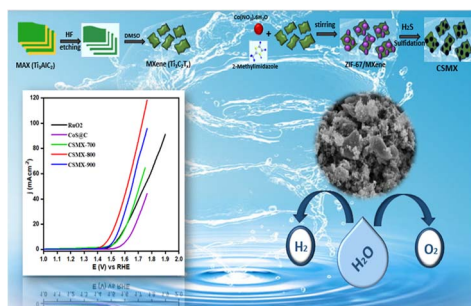
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Ahmad Nikseresht,* Reza Mehravar and Masoud Mohammadi

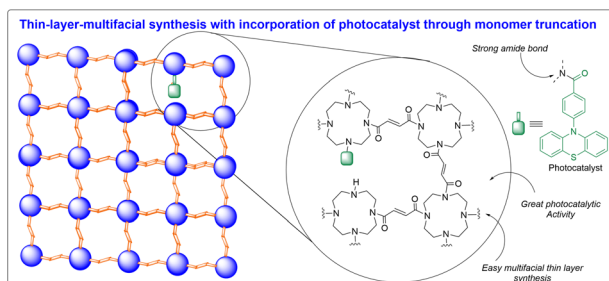
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MXene boosted MOF-derived cobalt sulfide/carbon nanocomposites as efficient bifunctional electrocatalysts for OER and HER

Komal Farooq, Maida Murtaza, Zhuxian Yang, Amir Waseem, Yanqiu Zhu and Yongde Xia*

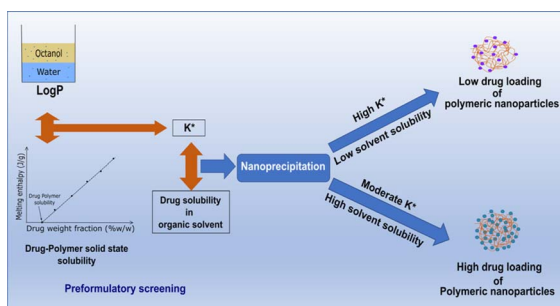
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Photocatalytic functionalization of thin-layer membranes using a monomer truncation strategy

Jorge Vega-Fernández, Vanesa Marcos, Jesús Álvarez, María José Capitán, Alberto Fraile* and José Alemán*

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Using a systematic and quantitative approach to generate new insights into drug loading of PLGA nanoparticles using nanoprecipitation

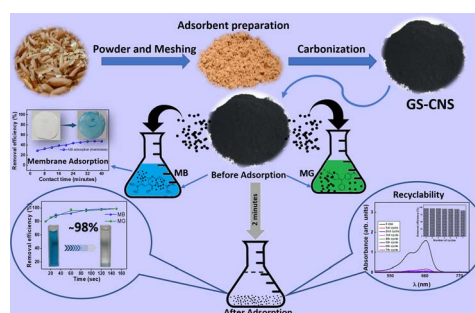
Sherif I. Hamdallah, Randa Zoqlam, Bin Yang, Andrew Campbell, Rebecca Booth, Jonathan Booth, Peter Belton and Sheng Qi*



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Efficient cationic dye removal from water through *Arachis hypogaea* skin-derived carbon nanospheres: a rapid and sustainable approach

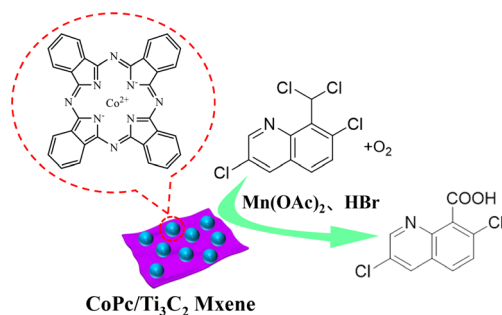
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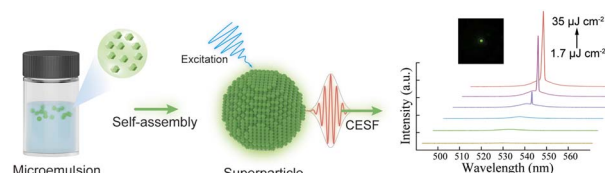
Simeng Zhu, Peng Liu and Xinlin Hong*



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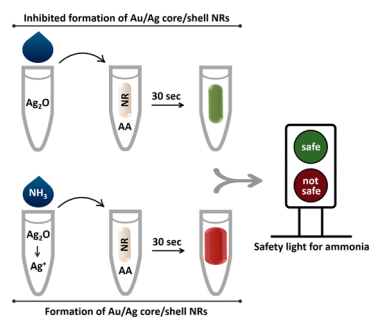
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Formation of plasmonic core/shell nanorods through ammonia-mediated dissolution of silver(i)oxide for ammonia monitoring

Elahe Ghorbanian, Forough Ghasemi,* Kamran Rezaei Tavabe and Hamid Reza Alizadeh Sabet



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Retraction: Metal-ion batteries for electric vehicles: current state of the technology, issues and future perspectives

Jaya Verma* and Deepak Kumar

