

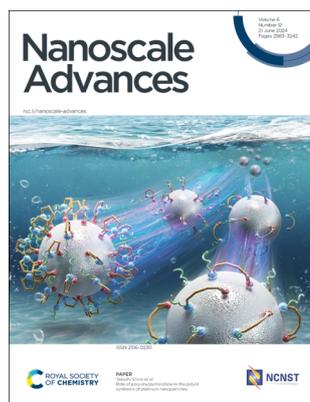
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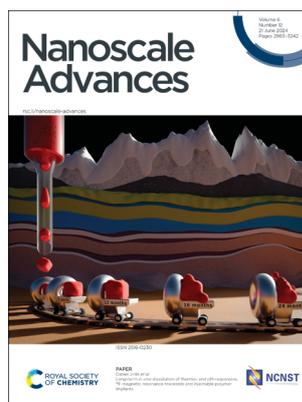
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ISSN 2516-0230 CODEN NAADAI 6(12) 2983–3242 (2024)



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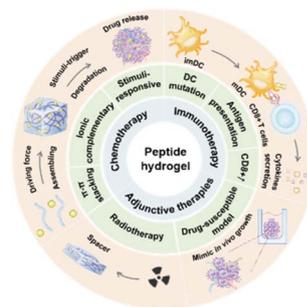
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Nanoscale Adv., 2024, 6, 3041.

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

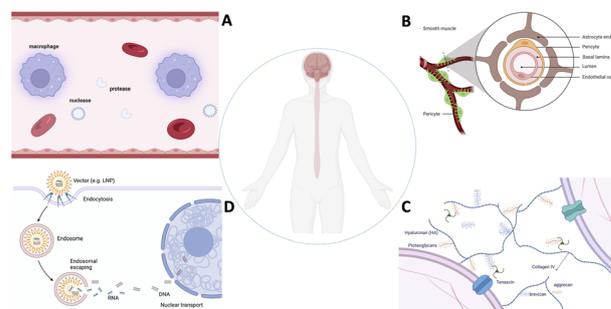
Yue Hua and Yang Shen*



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Strategies for enhanced gene delivery to the central nervous system

Zhenghong Gao*



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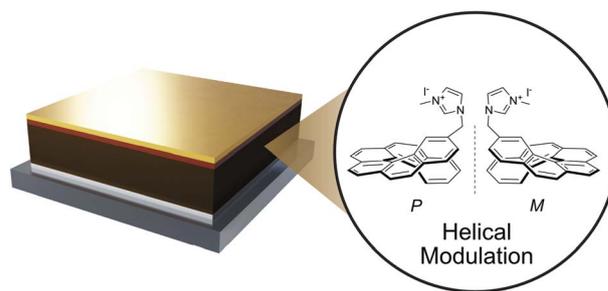
Fundamental questions
Elemental answers



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Helical interfacial modulation for perovskite photovoltaics

Ghewa AlSabeih, Masaud Almalki, Sitthichok Kasemthaveechok, Marco A. Ruiz-Preciado, Hong Zhang, Nicolas Vanthuyne, Paul Zimmermann, Daphne M. Dekker, Felix Thomas Eickemeyer, Alexander Hinderhofer, Frank Schreiber, Shaik M. Zakeeruddin, Bruno Ehrler, Jeanne Crassous,* Jovana V. Milić* and Michael Grätzel*

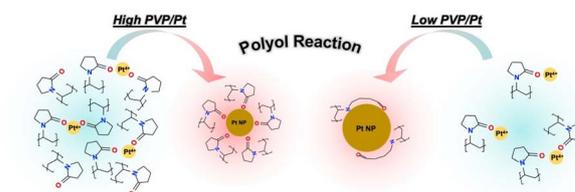


PAPERS

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Role of polyvinylpyrrolidone in the polyol synthesis of platinum nanoparticles

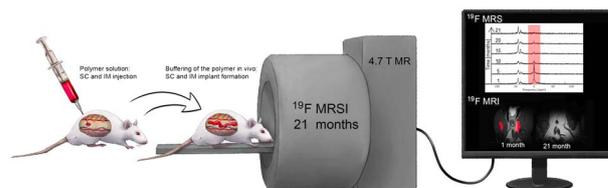
Yunzi Xin, Taku Nagata, Kunihiko Kato, Yuping Xu and Takashi Shirai*



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

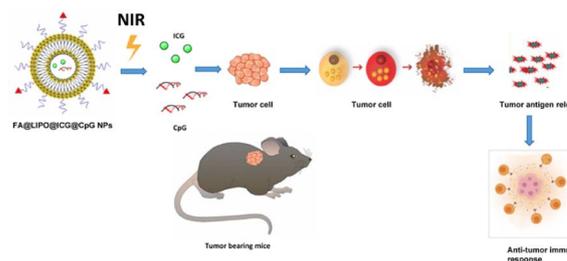
Natalia Jirát-Ziótkowska, Martin Vít, Ondřej Groborz, Kristýna Kolouchová, David Červený, Ondřej Sedláček and Daniel Jiráček*



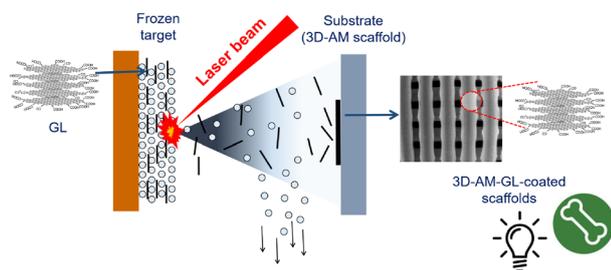
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Targeted nanotherapy platform mediated tumor-infiltrating CD8⁺ T cell immune function effects for collaborative anti-tumor photothermal immunotherapy for cervical cancer

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



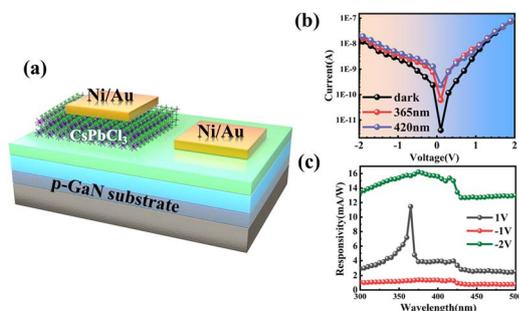
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An integrated design strategy coupling additive manufacturing and matrix-assisted pulsed laser evaporation (MAPLE) towards the development of a new concept 3D scaffold with improved properties for tissue regeneration

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

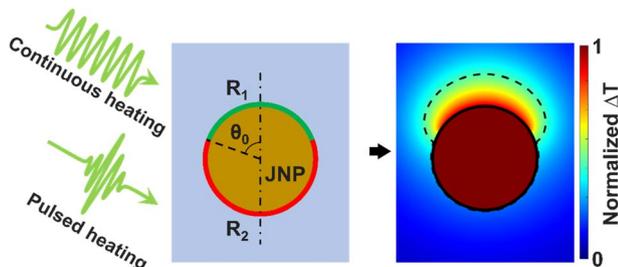
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Visible–ultraviolet dual-band photodetectors based on an all-inorganic CsPbCl₃/p-GaN heterostructure

Bingjie Ye, Boxiang Wang, Yan Gu, Jiarui Guo, Xiumei Zhang, Weiyang Qian, Xiangyang Zhang, Guofeng Yang,^{*} Zhixing Gan^{*} and Yushen Liu^{*}

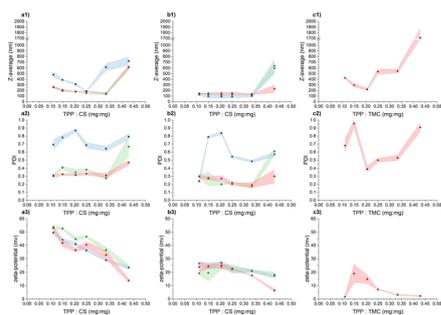
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Regulating nanoscale directional heat transfer with Janus nanoparticles

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

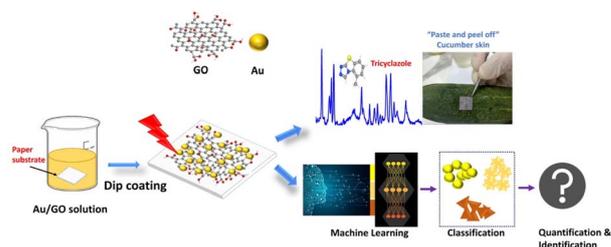
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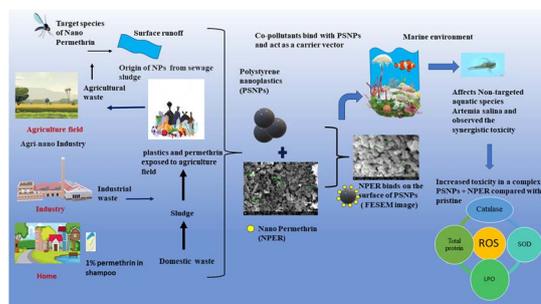
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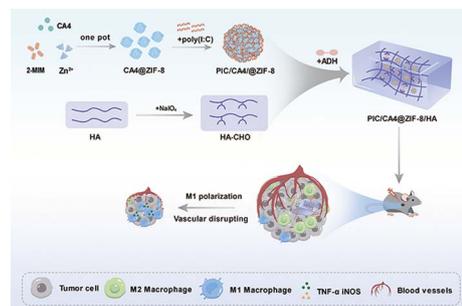
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Enhancing anti-angiogenic immunotherapy for melanoma through injectable metal-organic framework hydrogel co-delivery of combretastatin A4 and poly(I:C)

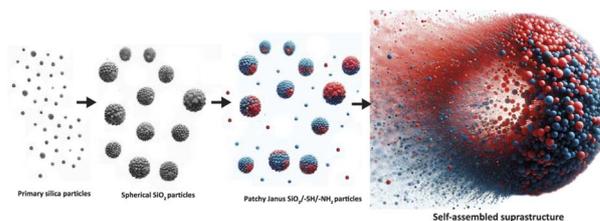
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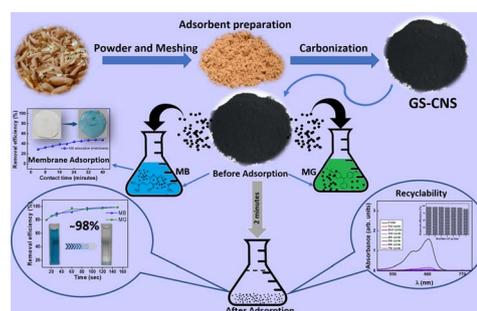
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Efficient cationic dye removal from water through *Arachis hypogaea* skin-derived carbon nanospheres: a rapid and sustainable approach

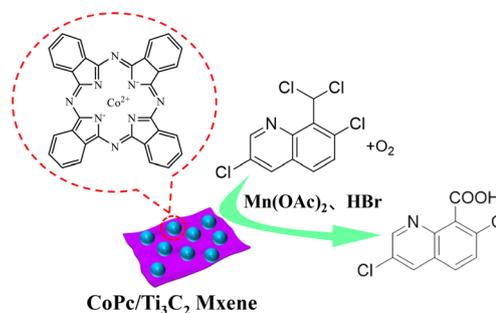
Aman Sharma, Jyothi Mannekote Shivanna, Abdullah N. Alodhayb and Gurumurthy Hegde*



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Cobalt phthalocyanine (CoPc) anchored on Ti_3C_2 MXene nanosheets for highly efficient selective catalytic oxidation

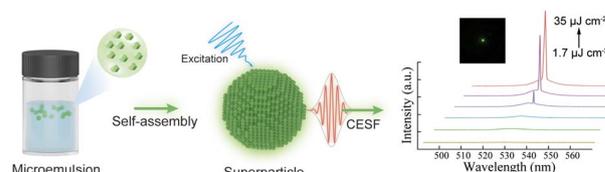
Simeng Zhu, Peng Liu and Xinlin Hong*



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Low-threshold cavity-enhanced superfluorescence in polyhedral quantum dot superparticles

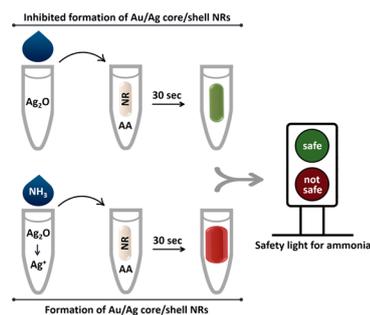
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Formation of plasmonic core/shell nanorods through ammonia-mediated dissolution of silver(i)oxide for ammonia monitoring

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

