

# Journal of Materials Chemistry B

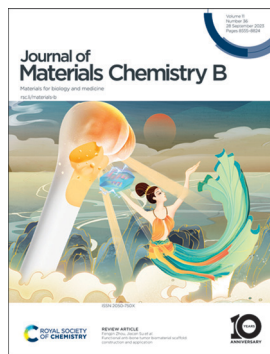
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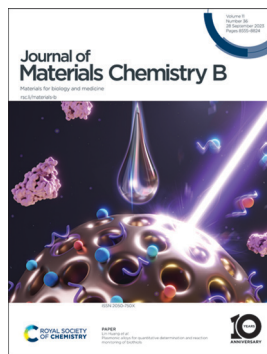
## IN THIS ISSUE

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### Cover

See Fengjin Zhou, Jiacan Su *et al.*, pp. 8565–8585. Image reproduced by permission of Biaotong Huang from *J. Mater. Chem. B*, 2023, 11, 8565.



### Inside cover

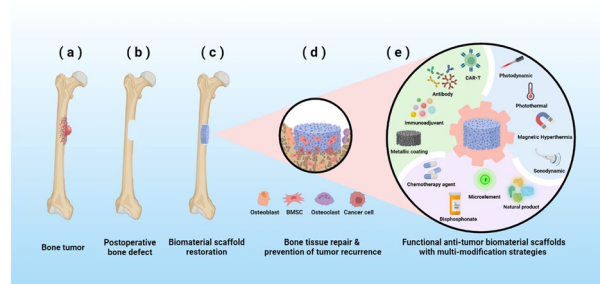
See Lin Huang *et al.*, pp. 8639–8648. Image reproduced by permission of Lin Huang from *J. Mater. Chem. B*, 2023, 11, 8639.

## REVIEWS

8565

### Functional anti-bone tumor biomaterial scaffold: construction and application

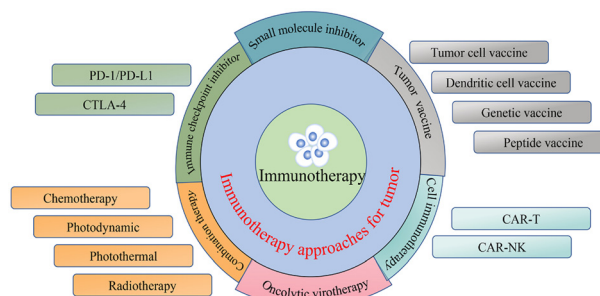
Biaotong Huang, Zhifeng Yin, Fengjin Zhou\* and Jiacan Su\*



8586

### Immunotherapy: cancer immunotherapy and its combination with nanomaterials and other therapies

Yuanyuan Guo, Fengyuan Gao, Adeel Ahmed, Muhammad Rafiq, Bing Yu,\* Hailin Cong\* and Youqing Shen



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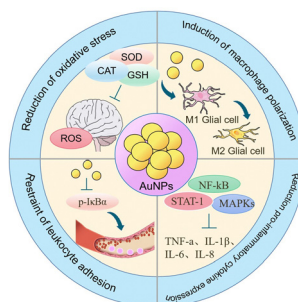


## REVIEWS

8605

## Anti-inflammatory role of gold nanoparticles in the prevention and treatment of Alzheimer's disease

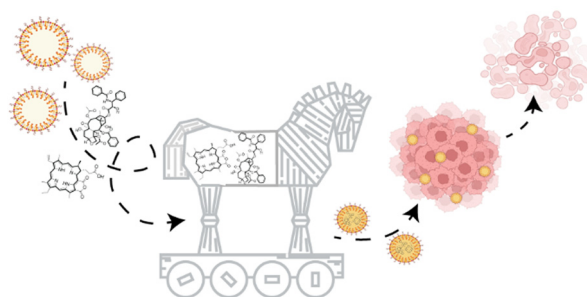
Munire Aili, Keping Zhou, Jun Zhan, Huaping Zheng and Feng Luo\*



8622

## A Trojan horse approach for efficient drug delivery in photodynamic therapy: focus on taxanes

Vladimíra Svobodová Pavličková, Jan Škubník, Tomáš Ruml and Silvie Rimpelová\*

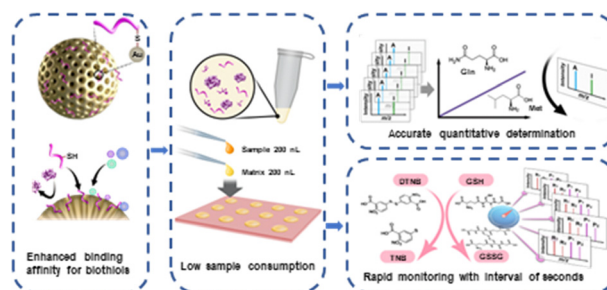


## PAPERS

8639

## Plasmonic alloys for quantitative determination and reaction monitoring of biothiols

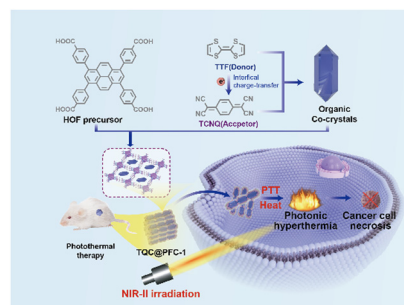
Yan Zhou, Xuelian Li, Yuewei Zhao, Shouzhi Yang and Lin Huang\*



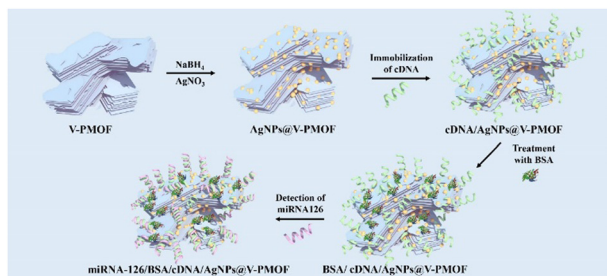
8649

## Hydrogen-bonded organic framework-stabilized charge transfer cocrystals for NIR-II photothermal cancer therapy

Jiakang Tang, Leihou Shao, Ji Liu, Qizhen Zheng, Xinyi Song, Lanhua Yi\* and Ming Wang\*



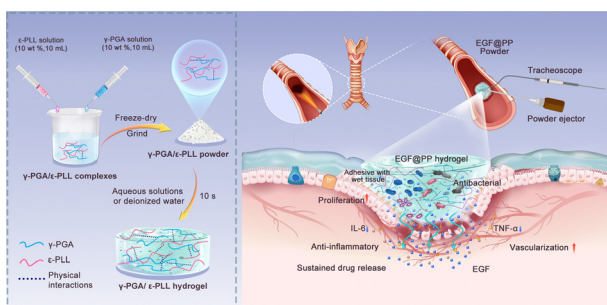
8657



### A novel PEC and ECL bifunctional aptasensor based on $V_2CT_x$ MXene-derived MOF embedded with silver nanoparticles for selectively aptasensing miRNA-126

Yu Li, Shuai Zhang, Mengfei Wang, Chuanpan Guo, Zhihong Zhang\* and Nan Zhou\*

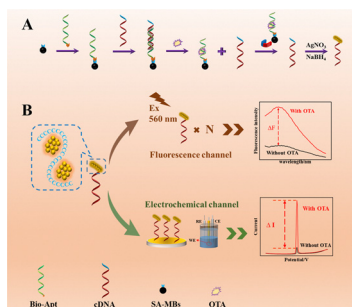
8666



### Wet-adhesive $\gamma$ -PGA/ $\epsilon$ -PLL hydrogel loaded with EGF for tracheal epithelial injury repair

Chuang Hu, Haoran Ji, Yan Gong, Xuhui Yang, Yunxuan Jia, Yuanhao Liu, Guangyu Ji,\* Xiansong Wang\* and Mingsong Wang\*

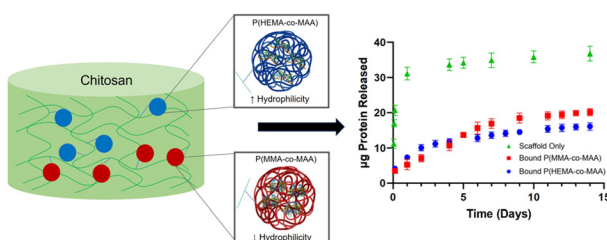
8679



### Construction of an electrochemical–fluorescent dual-mode sensor with a dual-mode signal AgNC probe synthesized from cytosine-rich DNA for OTA detection

Zhiguang Suo,\* Jiahui Liu, Beibei Feng, Yong Liu, Huali Jin and Min Wei\*

8689



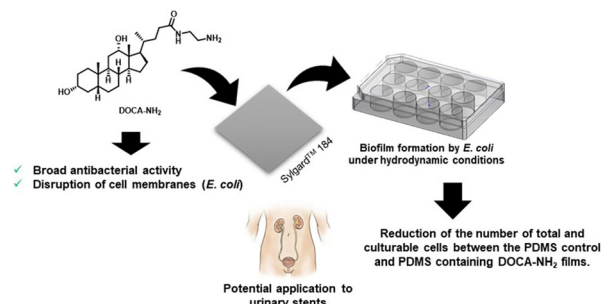
### Two-phase matrices for the controlled release of therapeutic proteins

Mariya David, Avha R. Mohanty and Nicholas A. Peppas\*



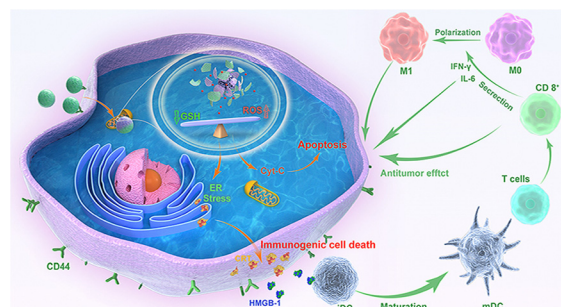


Ana Rita Neves, Joana Freitas-Silva, Fernando Durães,  
Elisabete R. Silva, Inês C. Rodrigues, Filipe Mergulhão,  
Marisa Gomes, Rita Teixeira-Santos, Maria Bernardes André,  
Renata Silva, Fernando Remião, Eugénia Pinto,  
Paulo Martins da Costa,\* Emília Sousa\* and  
Marta Correia da Silva



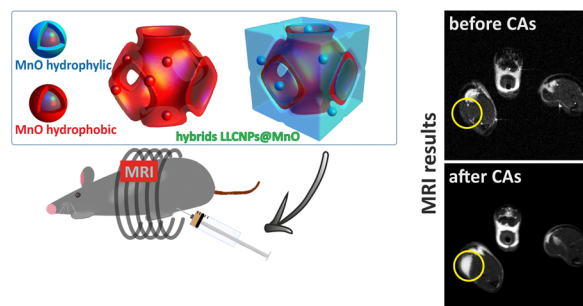
# Glutathione-sensitive mesoporous nanoparticles loaded with cinnamaldehyde for chemodynamic and immunological therapy of cancer

Lichong Zhu, Wenyue Li, Chuang Liu, Saisai Yue,  
Yuanyuan Qiao, Yingying Cui, Junwei Cheng,  
Ming Zhang, Peisen Zhang,\* Beibei Zhang\* and Yi Hou\*



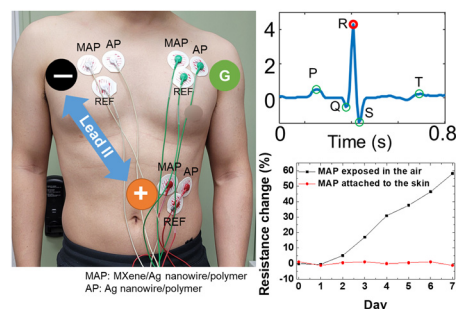
## Hybrids of manganese oxide and lipid liquid crystalline nanoparticles (LLCNPs@MnO) as potential magnetic resonance imaging (MRI) contrast agents

Dorota Flak, Tomasz Zalewski, Katarzyna Fiedorowicz,  
Łucja Przysiecka, Marcin Jarek, Adam Klimaszyk,  
Marek Kempka, Agnieszka Zimna, Natalia Rozwadowska,  
Jonathan Avaro, Marianne Liebi and Grzegorz Nowaczyk\*



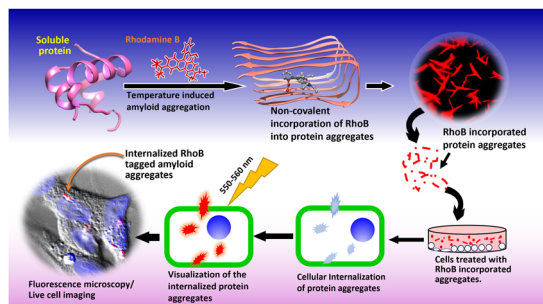
# Static electricity-based motion artifact-free electrocardiography with novel $\text{Ti}_3\text{C}_2\text{T}_x$ MXene/Ag nanowire/polymer hybrid dry electrodes

Su Bin Choi, Hooseok Lee, Jinseok Lee\* and  
Jong-Woong Kim\*



## PAPERS

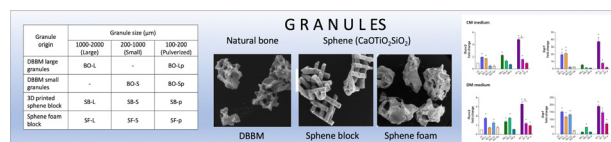
8765



### A robust yet simple method to generate fluorescent amyloid nanofibers

Kailash Prasad Prajapati, Masihuzzaman Ansari,  
Deepak Kumar Yadav, Shikha Mittal,  
Bibin Gnanadhasan Anand and Karunakar Kar\*

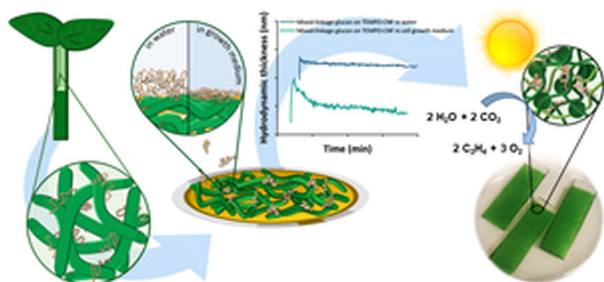
8775



### In vitro evaluation of granules obtained from 3D sphene scaffolds and bovine bone grafts: chemical and biological assays

Stefano Sivoella,\* Giulia Brunello, Ervin Nika,  
Denis Badocco, Paolo Pastore, Sara M. Carturan,  
Enrico Bernardo, Hamada Elsayed, Lisa Biasetto and  
Paola Brun

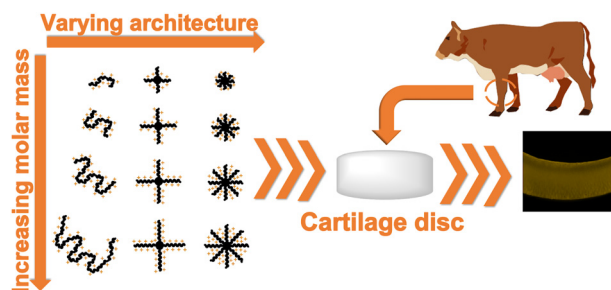
8788



### Bioinspired mechanically stable all-polysaccharide based scaffold for photosynthetic production

Tuuli Virkkala, Sergey Kosourov, Ville Rissanen,  
Vilja Siitonen, Suvi Arola, Yagut Allahverdiyeva\* and  
Tekla Tammelin\*

8804



### Designing polymers for cartilage uptake: effects of architecture and molar mass

Jue Gong, Jordan Nhan, Jean-Philippe St-Pierre\* and  
Elizabeth R. Gillies\*



## CORRECTIONS

8817

**Correction: Folic acid as a versatile motif to construct molecular hydrogelators through conjugations with hydrophobic therapeutic agents**

Xingyi Li, Chengbiao Yang, Zhaoliang Zhang, Zhidan Wu, Yun Deng, Gaolin Liang, Zhimou Yang and Hao Chen\*

8818

**Correction: A novel PEC and ECL bifunctional aptasensor based on V<sub>2</sub>CT<sub>x</sub> MXene-derived MOF embedded with silver nanoparticles for selectively aptasensing miRNA-126**

Yu Li, Shuai Zhang, Mengfei Wang, Chuanpan Guo, Nan Zhou\* and Zhihong Zhang\*

## EXPRESSION OF CONCERNS

8819

**Expression of concern: *In vitro* and *in vivo* evaluation of xanthan gum–succinic anhydride hydrogels for the ionic strength-sensitive release of antibacterial agents**

Bailiang Wang,\* Yuemei Han, Quankui Lin, Huihua Liu, Chenghui Shen, Kaihui Nan and Hao Chen\*

8820

**Expression of concern: Bacterial infection microenvironment-responsive enzymatically degradable multilayer films for multifunctional antibacterial properties**

Qingqing Yao, Zi Ye, Lin Sun, Yingying Jin, Qingwen Xu, Mei Yang, Yi Wang, Yunlong Zhou, Jian Ji, Hao Chen\* and Bailiang Wang\*



## EXPRESSION OF CONCERNS

8821

**Expression of concern: Poly(lactide-co-glycolide) grafted hyaluronic acid-based electrospun fibrous hemostatic fragments as a sustainable anti-infection and immunoregulation material**

Wen Liu, Guanghui Xi, Xiao Yang, Xiao Hao, Mingshan Wang, Yakai Feng,\* Hao Chen\* and Changcan Shi\*

