

Journal of Materials Chemistry B

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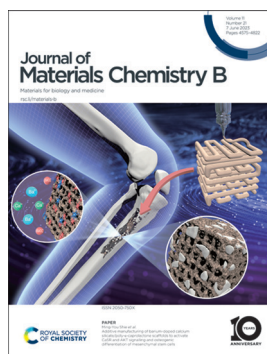
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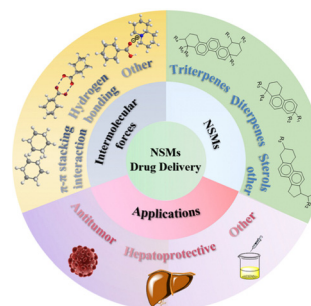
See Ming-You Shie et al., pp. 4666–4676. Image reproduced by permission of Ming-You Shie from *J. Mater. Chem. B*, 2023, 11, 4666.

REVIEWS

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Recent advances in natural small molecules as drug delivery systems

Shiyao Fu and Xin Yang*



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Recent advances in type I organic photosensitizers for efficient photodynamic therapy for overcoming tumor hypoxia

Bingli Lu, Lingyun Wang,* Hao Tang and Derong Cao



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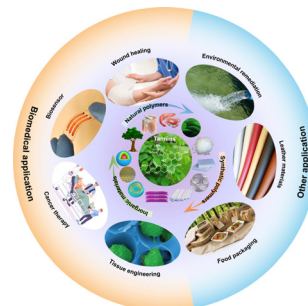


REVIEWS

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Natural polyphenol tannin-immobilized composites: rational design and versatile applications

Xiaoyu Guan, Bingyuan Zhang, Zequn Wang, Qingxin Han,* Meng An,* Motoki Ueda* and Yoshihiro Ito*

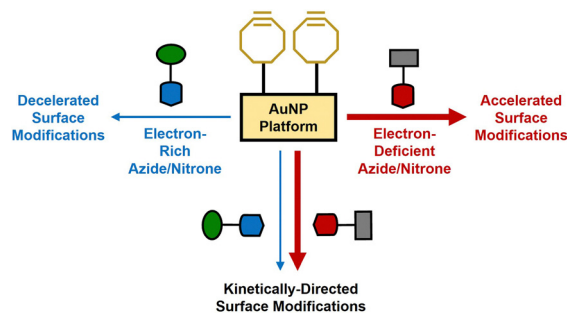


COMMUNICATION

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Towards the design of self-sorting nanomaterials through kinetically directed chemoselective control over interfacial surface chemistry

Praveen N. Gunawardene, Max Weissman, Jack E. Bowman, Pierangelo Gobbo* and Mark S. Workentin*

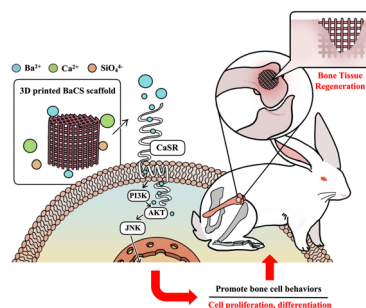


PAPERS

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Additive manufacturing of barium-doped calcium silicate/poly-ε-caprolactone scaffolds to activate CaSR and AKT signalling and osteogenic differentiation of mesenchymal stem cells

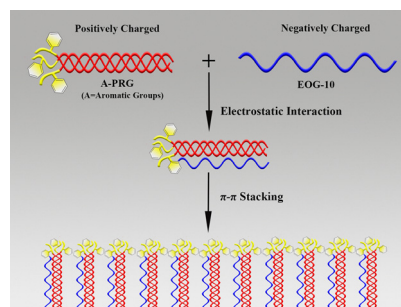
Yung-Cheng Chiu, Yen-Hong Lin, Yi-Wen Chen, Ting-You Kuo and Ming-You Shie*



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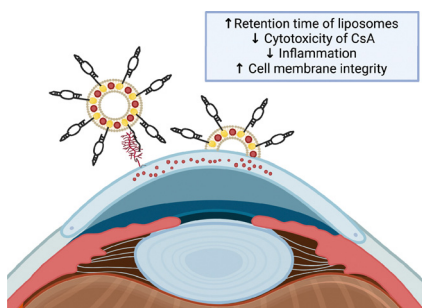
Peptide-triggered self-assembly of collagen mimetic peptides into nanospheres by electrostatic interaction and π - π stacking

Xiuxia Sun, Siqi Quan, Bo Wang, Qi Wang, Wenhua Li and Jianxi Xiao*



PAPERS

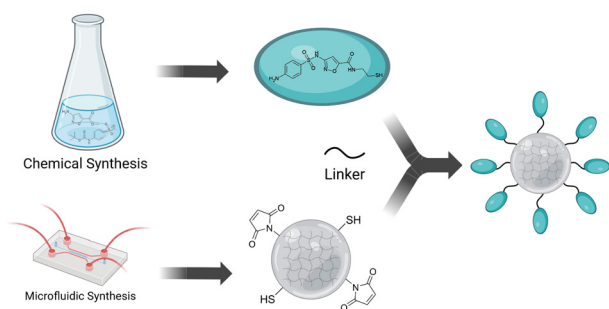
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Mucin-targeting-aptamer functionalized liposomes for delivery of cyclosporin A for dry eye diseases

Ka-Ying Wong, Yibo Liu, Liping Zhou, Man-Sau Wong and Juewen Liu*

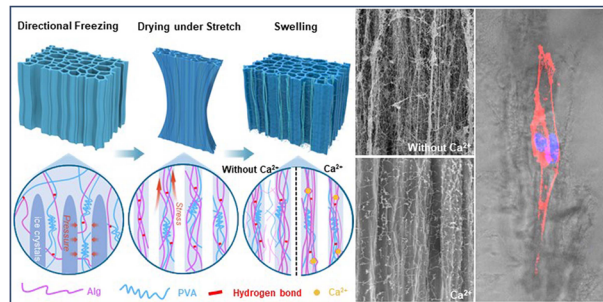
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Development of a synthesis strategy for sulfamethoxazole derivatives and their coupling with hydrogel microparticles

Veronika Riedl, Matthias Portius, Lara Heiser, Philipp Riedl, Torsten Jakob, Rosa Gehring, Thorsten Berg and Tilo Pompe*

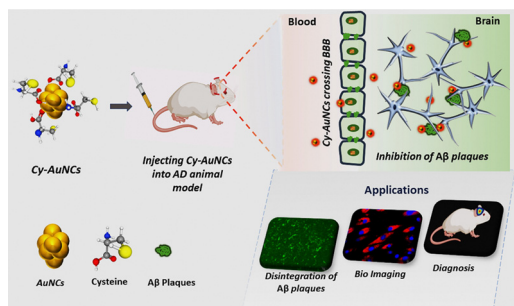
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Hierarchical hydrogel scaffolds with a clustered and oriented structure

Jian Cheng, Jiangtao Xue, Yuan Yang, Dengjie Yu, Zhuo Liu* and Zhou Li*

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Bifunctional cysteine gold nanoclusters for β -amyloid fibril inhibition and fluorescence imaging: a distinctive approach to manage Alzheimer's disease

A. N. Resmi, C. R. Rekha, M. E. Dhushyandhun, Sarathkumar Elangovan, Sachin J. Shenoy, Kamalesh K. Gulia and Ramapurath S. Jayasree*

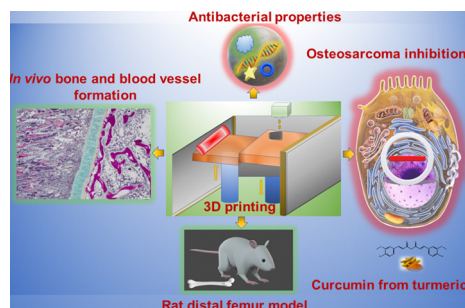


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In vivo and *In vitro* properties evaluation of curcumin loaded MgO doped 3D printed TCP scaffolds

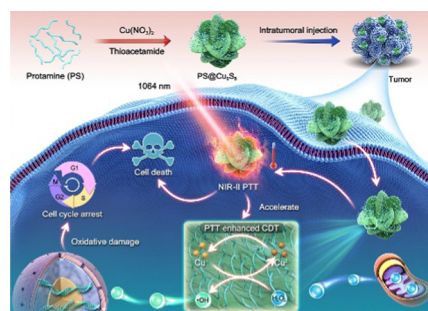
Arjak Bhattacharjee, Yongdeok Jo and Susmita Bose*



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Flower-like Cu_9S_8 nanocatalysts with highly active sites for synergistic NIR-II photothermal therapy and chemodynamic therapy

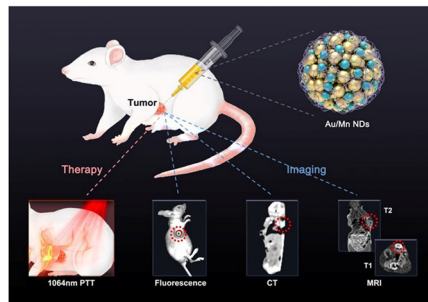
Quan Zou, Haiyan Pan, Xuening Zhang* and Cai Zhang*



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Au/Mn nanodot platform for *in vivo* CT/MRI/FI multimodal bioimaging and photothermal therapy against tongue cancer

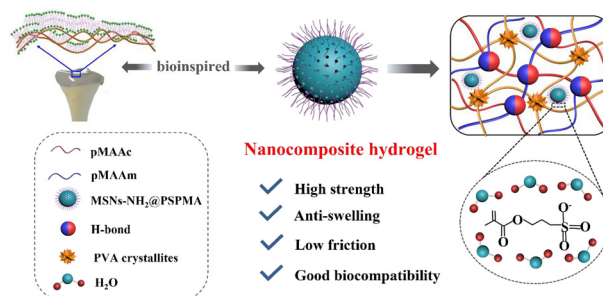
Zhe Yang, Yueqi Zhao, Yang Li, Lei Song, Yangliu Lin, Kaimeng Liu, Yujia Zhang, Andrei V. Zvyagin, Linan Fang,* Yuanqing Sun,* Bai Yang and Quan Lin*



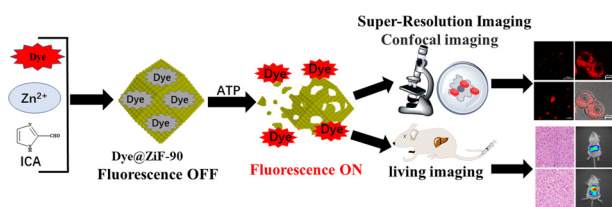
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Cartilage-bioinspired, tough and lubricated hydrogel based on nanocomposite enhancement effect

Fen Xiao, Pengshuo Zheng, Jianxin Tang, Xin Huang, Wenji Kang, Guiyin Zhou* and Kehui Sun



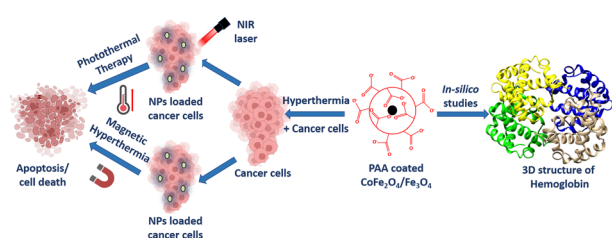
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ATP-triggered highly sensitive probes for super-resolution mitochondrial imaging and low-dose bioimaging

Taihe Han, Jinlong Zhang, Shuai Mu, Huihui Li, Shuangtong Wu, Xiaoyan Liu and Haixia Zhang*

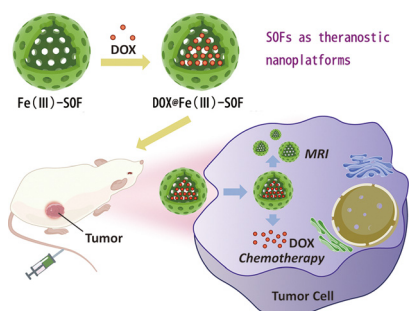
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Comparative analysis of cobalt ferrite and iron oxide nanoparticles using bimodal hyperthermia, along with physical and *in silico* interaction with human hemoglobin

Kritika, Megha Pant, Monika Yadav, Anita Kamra Verma, Ajit K. Mahapatro and Indrajit Roy*

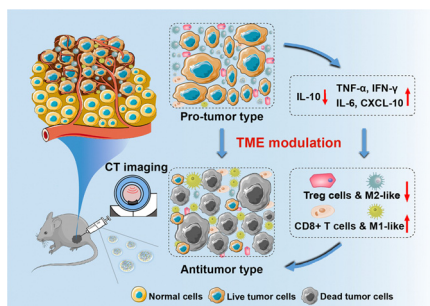
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An iron(III) complex-based supramolecular organic framework (SOF) as a theranostic platform via magnetic resonance imaging-guided chemotherapy

Pengpeng Hu, Hong Mo,* Saijie Song,* Jing Wu, Jihui Li and Jian Shen*

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Diselenide-crosslinked nanogels laden with gold nanoparticles and methotrexate for immunomodulation-enhanced chemotherapy and computed tomography imaging of tumors

Bingyang Jia, Yue Gao, Zhijun Ouyang, Siyan Shen, Mingwu Shen and Xiangyang Shi*



CORRECTIONS

4819

Correction: Blood brain barrier permeable gold nanocluster for targeted brain imaging and therapy: an *in vitro* and *in vivo* study

L. V. Nair, R. V. Nair, S. J. Shenoy, A. Thekkuveetil and R. S. Jayasree*

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Correction: LHRH conjugated gold nanoparticles assisted efficient ovarian cancer targeting evaluated via spectral photon-counting CT imaging: a proof-of-concept research

Dhiraj Kumar,* Mahdiah Moghiseh, Kenny Chitcholtan, Isha Mutreja, Chiara Lowe, Ajeet Kaushik, Anthony Butler, Peter Sykes, Nigel Anderson and Aamir Raja

