

Journal of Materials Chemistry B

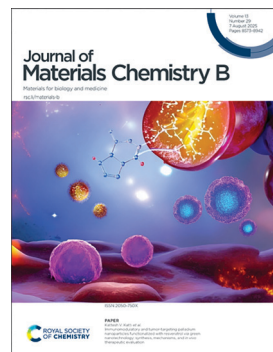
Materials for biology and medicine

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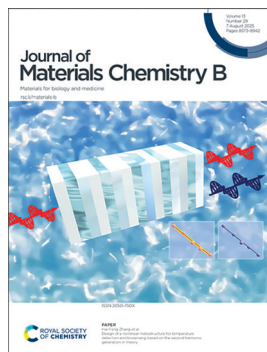
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See Kattesh V. Katti *et al.*, pp. 8683–8704.
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Inside cover

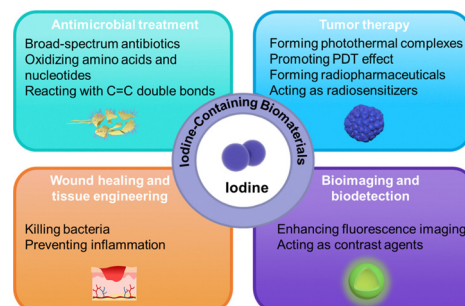
See Hai-Feng Zhang *et al.*, pp. 8705–8714.
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Iodine-containing materials for biomedical applications

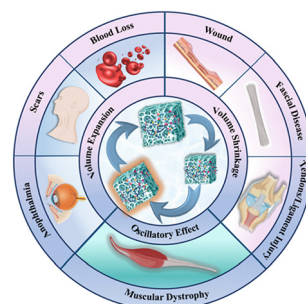
Jun-Jie Zeng, Zi-Xi Wang and Fu-Gen Wu*



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Mechanically active biomaterials for tissue repair and regeneration

Wenzhen Gao, Lian Wang, Qing Zhao, Chenchen Zhou, Bo Huang* and Guiting Liu*



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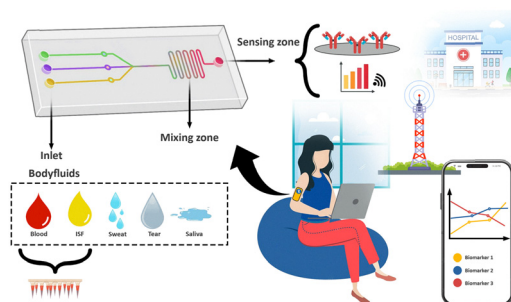
Fundamental questions
Elemental answers

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Emadoddin Amin Sadrabadi, Foad Soleimani, Neda Naseri, Mohsen Ghiasi Tarzi and Kobra Omidfar*



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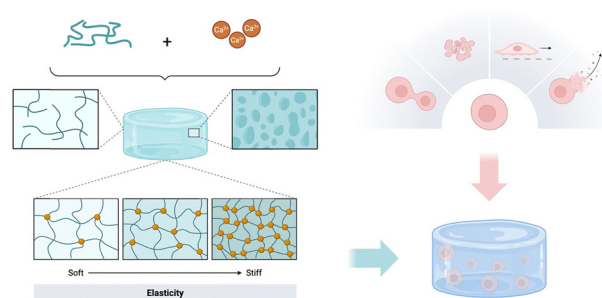
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Mohammad Ali Farzin, Seyed Morteza Naghib* and Navid Rabiee*

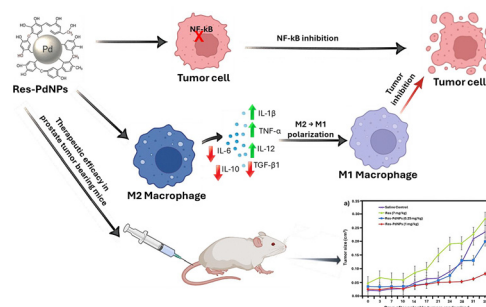


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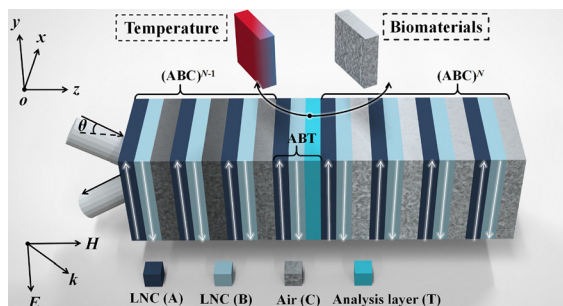
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Immunomodulatory and tumor-targeting palladium nanoparticles functionalized with resveratrol via green nanotechnology: synthesis, mechanisms, and *in vivo* therapeutic evaluation

Velaphi C. Thipe, Alice Raphael Karikachery, Kavita Katti and Kattesh V. Katti*



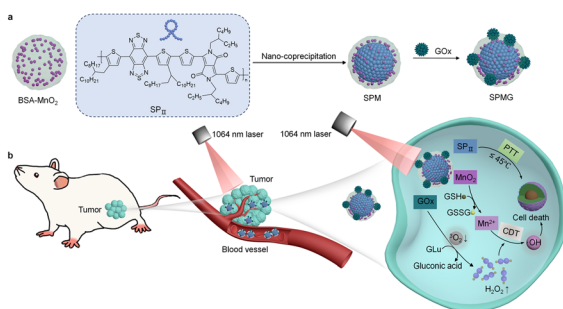
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Design of a nonlinear metastructure for temperature detection and biosensing based on the second harmonic generation in theory

Cheng Yang, Yu-Xin Wei, Heng-Jing Liu, Xiang Li and Hai-Feng Zhang*

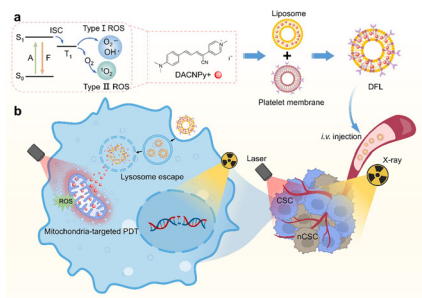
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Cascade enzymatic semiconducting polymer nanocomposites for NIR-II light-mediated photothermal-chemodynamic combinatorial therapy

Yue Wang, Sihui Liu, Shengze Lu, Danling Cheng, Yongliang Fan,* Jingchao Li,* Xia Lu* and Jindong Xia*

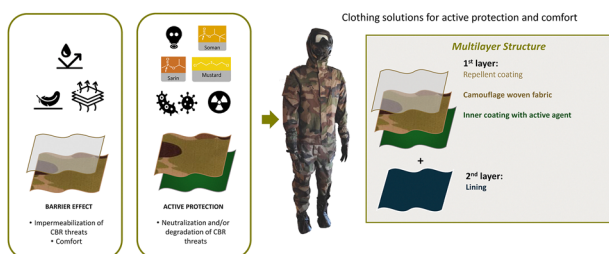
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A near-infrared aggregation-induced emission photosensitizer with mitochondria specificity enhances radiotherapy for cancer stem cells ablation

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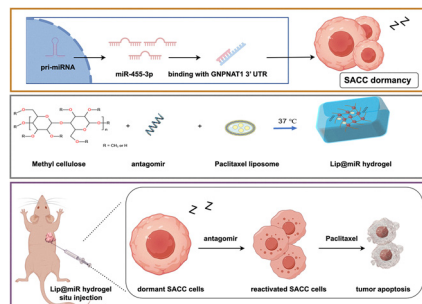


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Injectable thermosensitive hydrogel-encapsulated paclitaxel liposomes enriched with miR-455-3p antagomir for dormancy therapy of salivary adenoid cystic carcinoma

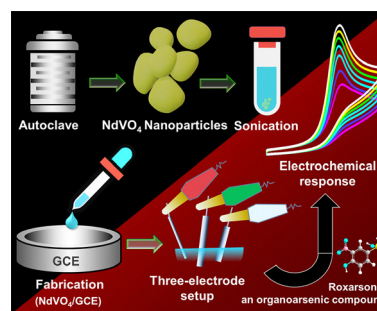
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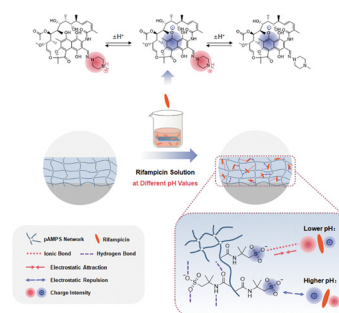
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Jia-yin You, Jia-rong Wang, Zhao-yang Chen, Yi-xian Mu, Yi-jing Yin, Xing-wang Wang, Ke-feng Ren* and Jian Ji*



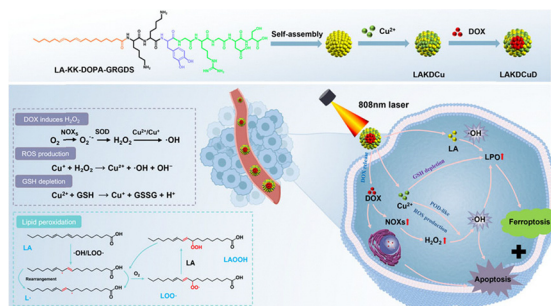
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Engineered decalcified bone matrix/barium titanate piezoelectric composite scaffolds for bone regeneration

Shanshan Yong, Lu Tian, Dezhi Huang, Yiran Xi, Hongguang Chen, Zhenrui Jiao, Xiaomei Bie,* Gaoyi Wu* and Yantao Zhao*



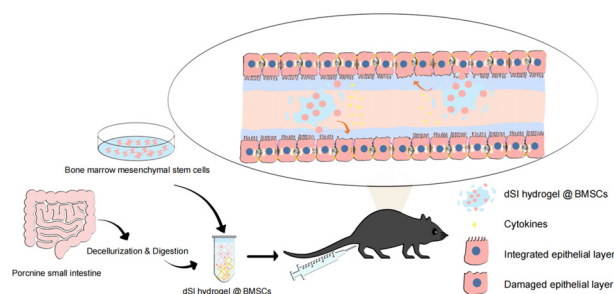
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Self-assembling peptide nanomaterials co-engineered with linoleic acid and catechol motifs for synergistic ferroptosis-photothermal therapy-chemotherapy

Binbin Gao, Xin Tian* and Xinming Li*

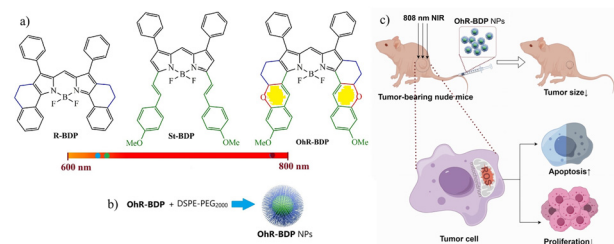
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Qiaoting Zeng, Huimin Xiao, Yuan Chen, Zhihua Xiao, Yuhong Ren* and Qin Liu*

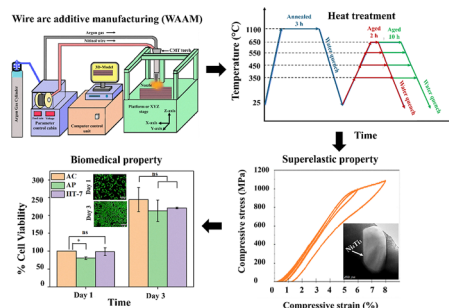
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Embedding oxygen heterocycles into BODIPY to enhance intersystem crossing for photodynamic therapy

Yu Zhang, Zhiqiang Cui, Jakub Širůček, Denis Jacquemin,* Boris Le Guennic,* Xiaohong Sun,* Xin-Dong Jiang* and Gaowu Qin

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Wire arc additively manufactured nitinol with excellent superelasticity for biomedical applications

Muralidhar Yadav, Ajit Kumar, Deepak Kumar, Sagar Nilawar, Murugaiyan Amirthalingam, Satyam Suwas* and Kaushik Chatterjee*

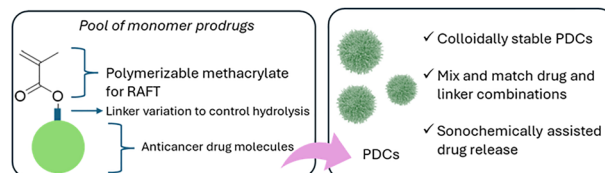


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Ultrasonic activation of polymer–drug conjugates for targeted and combinational pancreatic cancer therapy

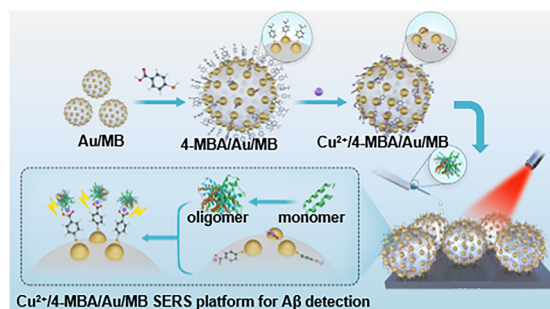
Dimitra Toumpa, Athina Angelopoulou, Konstantinos Avgoustakis and George Pasparakis*



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A buoyant plasmonic microbubble-based SERS sensing platform for amyloid-beta protein detection in Alzheimer's disease

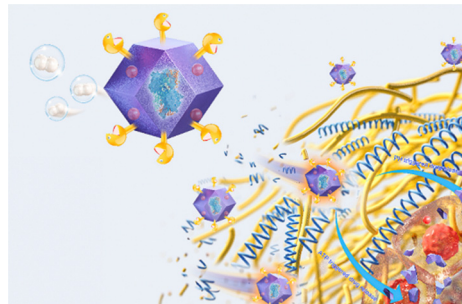
Willis Kwun Hei Ho, Qin Zhang,* Fariza Zhorabe, Jiaxiang Yan, Yutian Gu, Shujun Wang, Changqing Yi, Yu Zhang and Mo Yang*



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Improving extracellular matrix penetration with biocatalytic metal–organic framework nanoswimmers

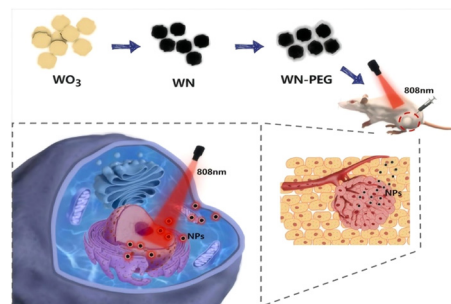
Qianfan Chen, Si Liu, Peijun Qin, Jueyi Xue, Peiji Deng, Ziping Li, John Whitelock, Tianruo Guo and Kang Liang*



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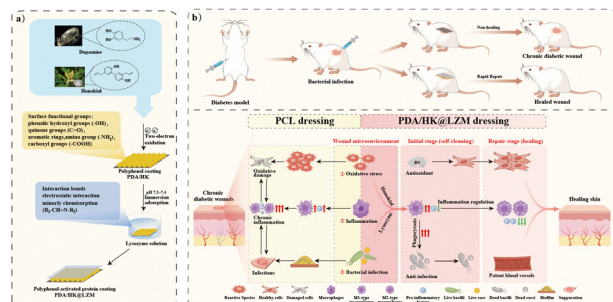
PEGylated W_{4.6}N₄/WO₃ nanoparticles as a near-infrared photothermal agent for effective cancer therapy

Rui Yang, Jianping Li, Hao Song, Cong Wang* and Na Xu*



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Spatiotemporally modulated polyphenol–protein coating for accelerated healing of chronic wounds

Linhua Li, Qingyin Li, Chunle Zhang, Zhengjiang Cao, Chang Liu, Rifang Luo, Yunbing Wang, Xiaoxi Zeng* and Ping Fu*

CORRECTION

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Correction: Construction and evaluation of platelet concentrate/mesoporous bioactive glass composite scaffolds for bone repair: injectable platelet-rich fibrin (i-PRF) vs. concentrated growth factors (CGF)

Yuanyuan Guo, Zhizheng Li, Mengran Ma, Lingqiang Meng* and Dan Lin*

