

Journal of Materials Chemistry B

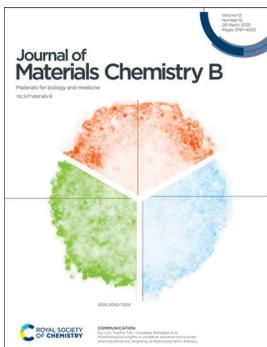
Materials for biology and medicine

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Cover

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Giuseppe Battaglia et al.,
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EDITORIAL

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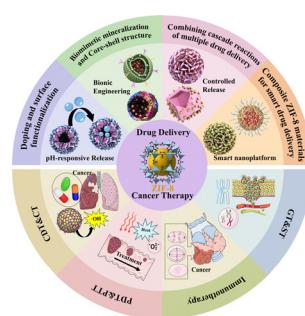


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Functionalized ZIF-8 as a versatile platform for drug delivery and cancer therapy: strategies, challenges and prospects

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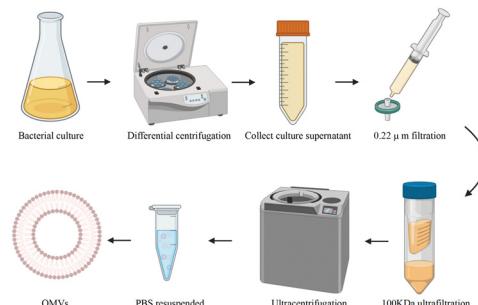
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REVIEWS

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Bacterial outer membrane vesicles in tumor prevention and treatment: advancements in research and application

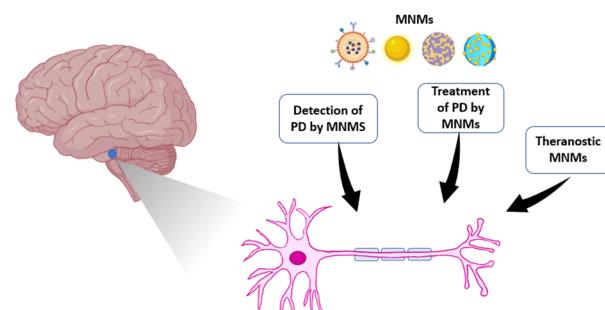
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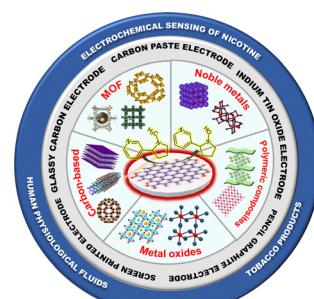
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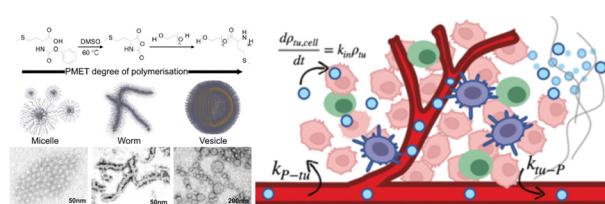


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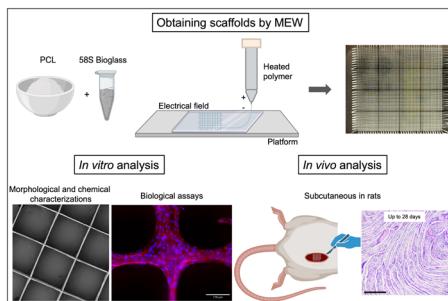
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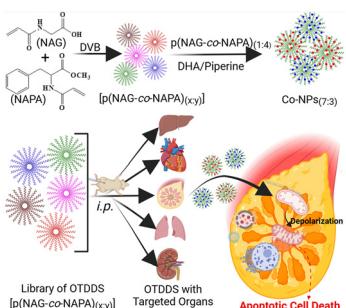
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Melt electrowriting of bioglass-laden poly(ϵ -caprolactone) scaffolds for bone regeneration

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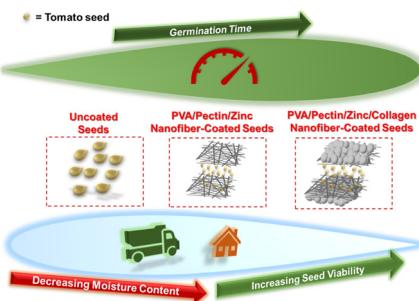
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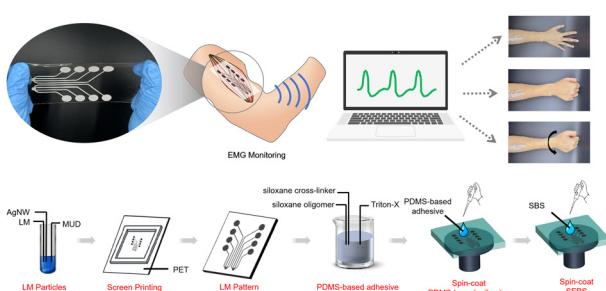
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A liquid metal-based sticky conductor for wearable and real-time electromyogram monitoring with machine learning classification

Zixin Lin, Mingmei Luo, Jiayi Liang, Zijie Li, Yanting Lin, Xiaman Chen, Baozhu Chen, Liang Peng,* Yongchang Ouyang* and Lei Mou*

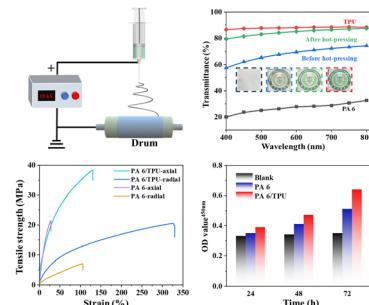


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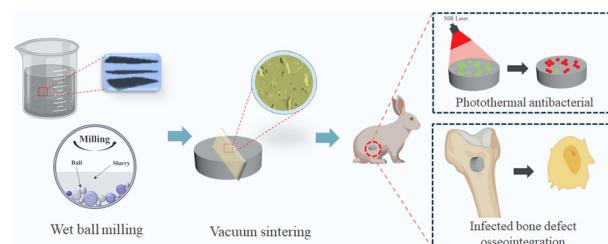
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Enhancing the mechanical and antibacterial properties of hydroxyapatite bioceramics by *in situ* graphene doping to promote osseointegration in infected bone defects

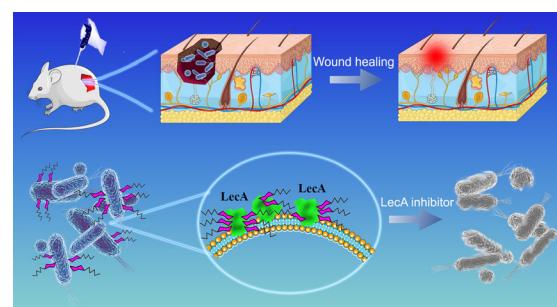
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Amphiphilic lysine-based glycopeptides exert antibacterial effects on *Pseudomonas aeruginosa*

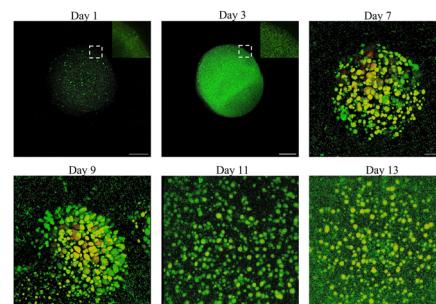
Shan-Shan Su, Chao-Na An, Gao-Juan Lin, Hai-Qing Li, Fangqian Yin, Xiao-Liu Li* and Ke-Rang Wang*



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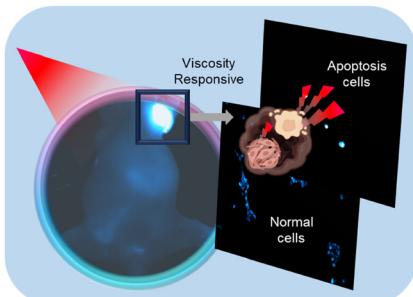
Hierarchical biofilm models using sodium alginate beads containing bacteria embedded in a cellulose–chitosan hydrogel matrix

Shiwei Li, Yuxuan Ji, Xuxiang Xue, Yaohao Yang, Yi Huang, Shuiqing Yang and Xianfeng Chen*



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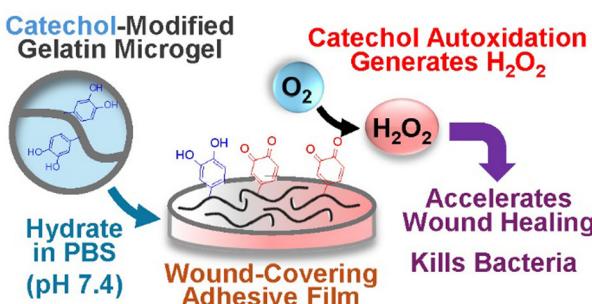
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Mechanistic study of tumor fluorescence response signals based on a near-infrared viscosity-sensitive probe

Tianyang Han, Lihao Lin, Huizhong Jiang, Li Fan* and Yuewei Zhang*

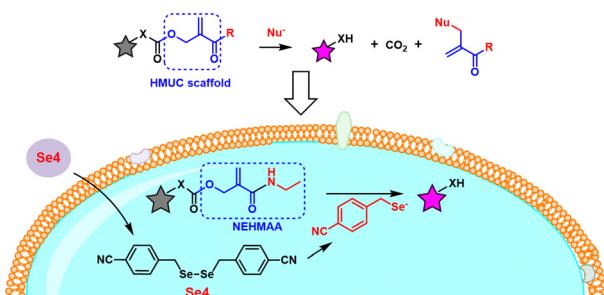
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Accelerated dermal wound healing in diabetic mice by a H_2O_2 -generating catechol-functionalized gelatin microgel

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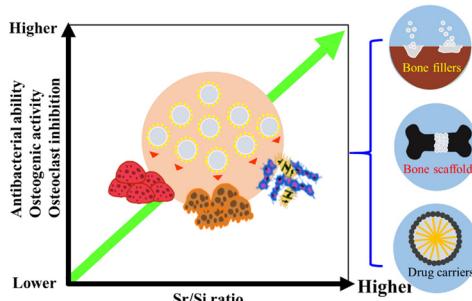
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A tunable stimuli-responsive module based on an α -hydroxymethyl- α,β -unsaturated carbonyl scaffold

Ruipeng Shen, Baoxin Zhang, Lanning Zhao, Bingbing Chang, Fang Zhang, Yating Chen and Jianguo Fang*

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Exploring processing–structure–property relationships of chemically precipitated strontium silicate particles for medical applications

Yun-Ru Huang and Shinn-Jyh Ding*

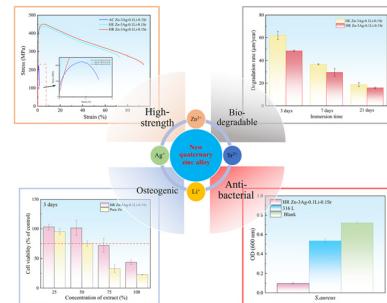


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Huafang Li,* Luqing Ma and Yingying Li



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Schwann cell-derived exosomes accelerate periodontal bone regeneration with osteogenesis, angiogenesis, and neurogenesis

Ya Cui, Xiaojing Li, Xiaoya He, Xingyu Zhou, Xudong Wang,* Kaili Lin* and Lixia Mao*

