

Journal of Materials Chemistry B

Materials for biology and medicine

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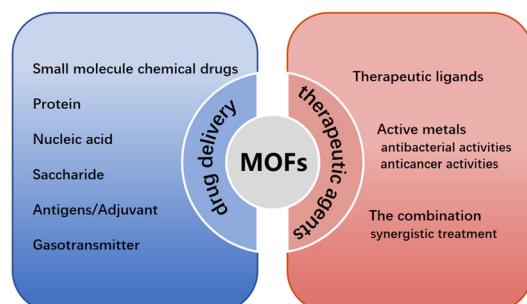
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Nanoscale MOFs in nanomedicine applications: from drug delivery to therapeutic agents

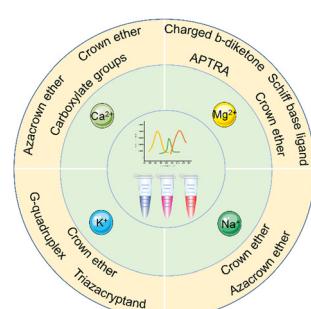
Zeyi Sun, Tieyan Li, Tianxiao Mei, Yang Liu, Kerui Wu,
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Mengting Xu, Jie Xing, Bo Yuan, Lulu He, Liheng Lu,
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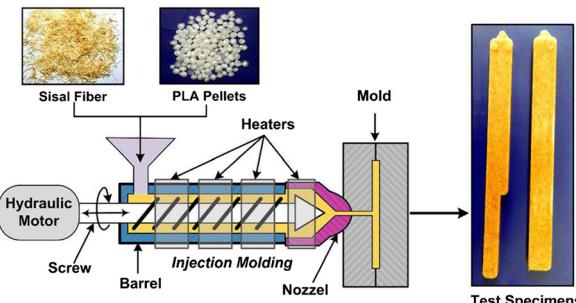


REVIEWS

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Synthesis and thermomechanical properties of bioplastics and biocomposites: a systematic review

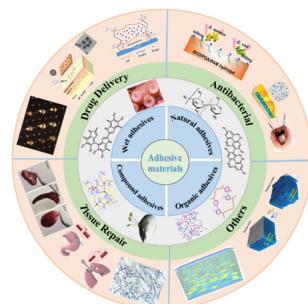
L. Rajeshkumar, M. Ramesh,* V. Bhuvaneswari, D. Balaji and C. Deepa



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Yongping Lu, Xinyuan Xu* and Jianshu Li*

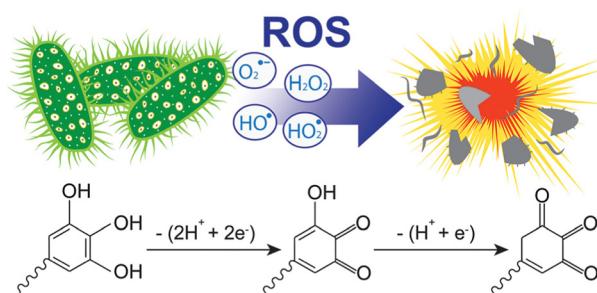


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Synthesis of biologically derived poly(pyrogallol) nanofibers for antibacterial applications

Zhen Tian, Guo Wu, Matt Libby, Kang Wu, Kyung Jae Jeong and Young Jo Kim*

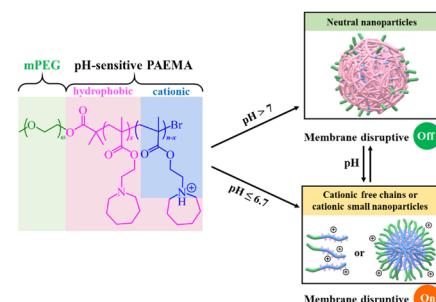


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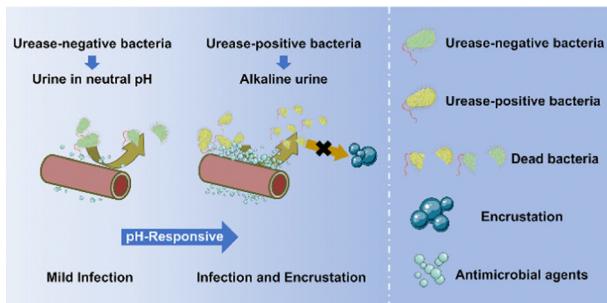
Membrane-disruptive homo-polymethacrylate with both hydrophobicity and pH-sensitive protonation for selective cancer therapy

Rongrong Yu, Tingting Geng, Taotian Wei, Meng Wang, Yin Cao, Mengting Du, Weidong He, Abdul Haleem, Rongfeng Hu, Yu Cao* and Shengqi Chen*



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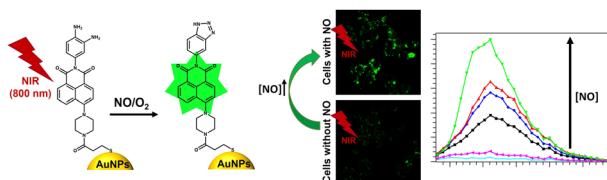
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Multifunctional hydrogel coatings with high antimicrobial loading efficiency and pH-responsive properties for urinary catheter applications

Jiru Miao, Xiang Wu, Yue Fang, Mingzhu Zeng, Zhimao Huang, Mi Ouyang* and Rong Wang*

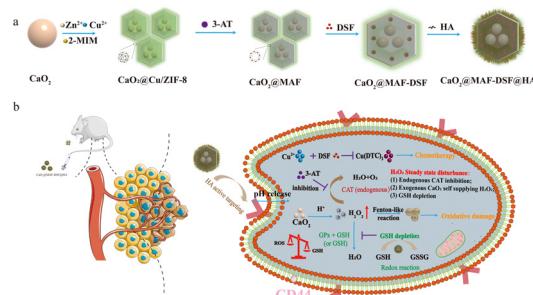
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Gold nanoparticle-based two-photon fluorescent nanoprobe for monitoring intracellular nitric oxide levels

Carla Arnau del Valle, Paul Thomas, Francisco Galindo, María Paz Muñoz and María J. Marín*

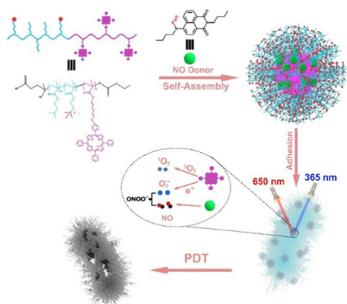
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pH-responsive nanocatalyst for enhancing cancer therapy via H_2O_2 homeostasis disruption and disulfiram sensitization

Jingjie Zuo, Siyuan Hao, Wenqiu Li, Haowu Huang, Mingxing Liu and Huiling Guo*

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In situ generation of peroxynitrite (ONOO^-) for enhanced antibacterial photodynamic therapy

Tao Yue, Baoxuan Huang, Lei Xia, Jia Tian, Qu Liu* and Weian Zhang*

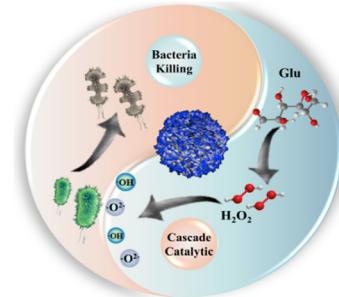


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A biomineralized bi-functional hybrid nanoflower to effectively combat bacteria *via* a glucose-powered cascade catalytic reaction

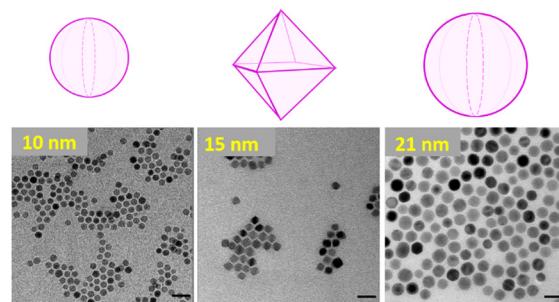
Qiaorong Tang, Lu Shi, Bing Yang, Wei Liu, Baoxin Li and Yan Jin*



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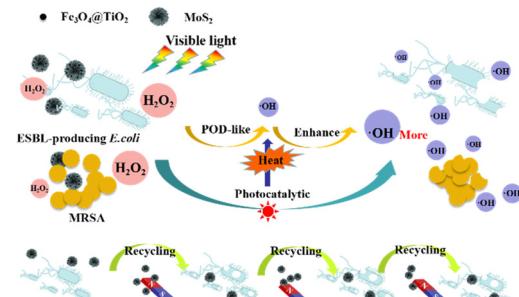
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Recyclable ferroferric oxide@titanium dioxide@molybdenum disulfide with enhanced enzyme-like activity under visible light for effectively inhibiting the growth of drug-resistant bacteria in sewage

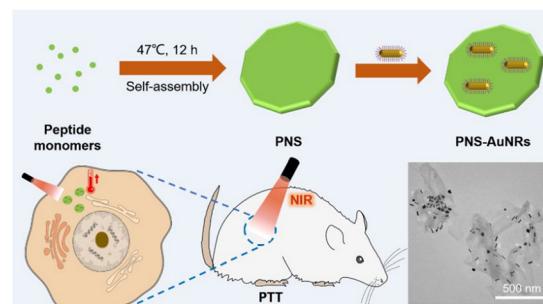
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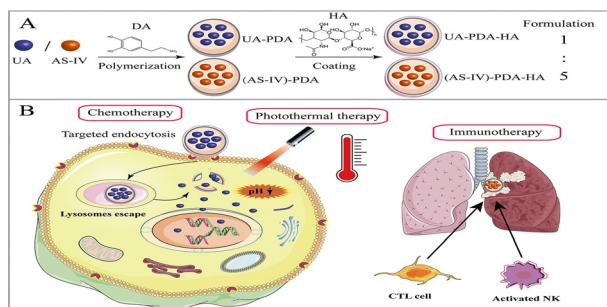
Two-dimensional peptide nanosheets functionalized with gold nanorods for photothermal therapy of tumors

Hao Kong, Jinru Han, Ming Yang, Liangxue Lai, Yabing Sun, Xin Luan, Wenzhi Ren,* Aiguo Wu and Gang Wei*



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Combined chemo-immuno-photothermal therapy based on ursolic acid/astragaloside IV-loaded hyaluronic acid-modified polydopamine nanomedicine inhibiting the growth and metastasis of non-small cell lung cancer

Fan Xu, Minghua Li, Zujun Que, Mingliang Su, Wang Yao, Yu Zhang, Bin Luo, Yan Li, Zhanxia Zhang* and Jianhui Tian*

