

Journal of Materials Chemistry B

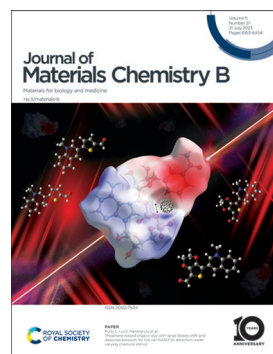
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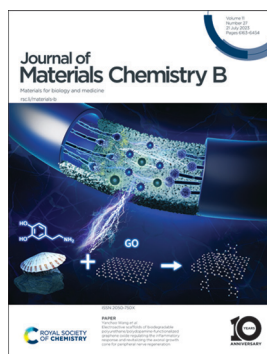
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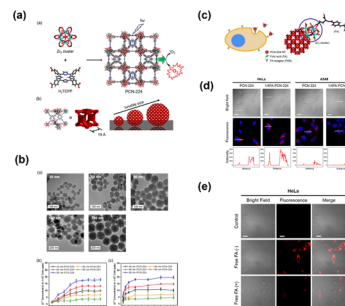
See Yanchao Wang *et al.*, pp. 6308–6318. Image reproduced by permission of Yanchao Wang from *J. Mater. Chem. B*, 2023, **11**, 6308.

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Research development of porphyrin-based metal–organic frameworks: targeting modalities and cancer therapeutic applications

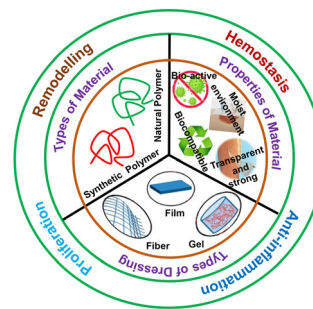
Xiang Jiang, Yuewu Zhao,* Shengkai Sun, Ying Xiang, Jincong Yan, Jine Wang* and Renjun Pei



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Recent advances in novel materials and techniques for developing transparent wound dressings

Muzammil Kuddushi, Aatif Ali Shah, Cagri Ayranci and Xuehua Zhang*



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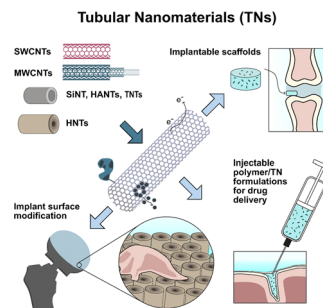


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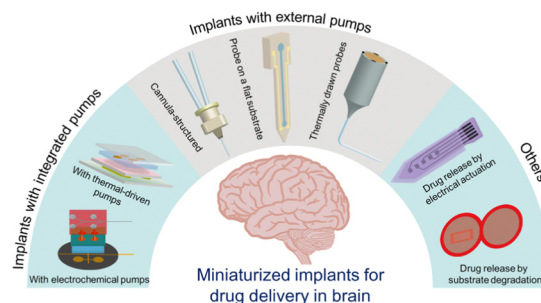
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Mark R. Shannon, Rajkumar Patel, Madhumita Patel* and
Adam Willis Perriman*



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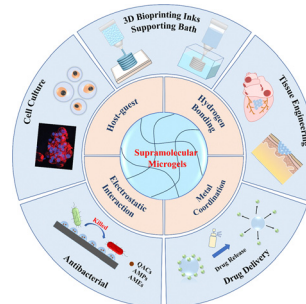
Xiaotong Zhao, Maosen Deng, Jun Wang, Bin Liu,
Yuan Dong and Zhe Li*



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Supramolecular assemblies of multifunctional microgels for biomedical applications

Jingxia Zheng, Canjie Zhu, Xun Xu, Xinwei Wang and
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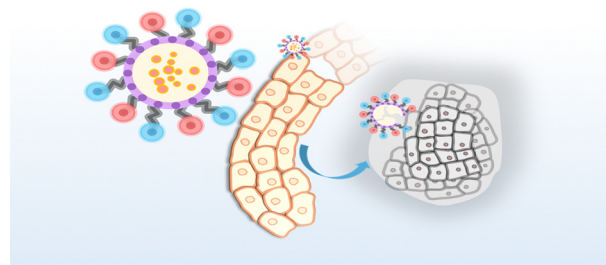


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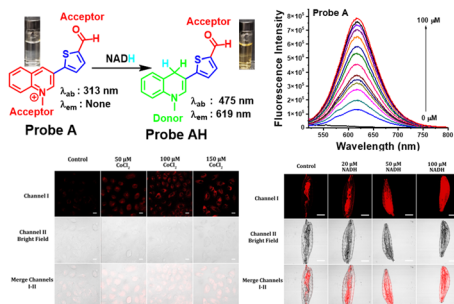
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Rational design of a glycopeptide probe system based on a reconfigurable immune microenvironment

Xin Wang, Yao Yu, Limin Zhang, Zijian Zhang,
Shixiang Lu* and Weizhi Wang*



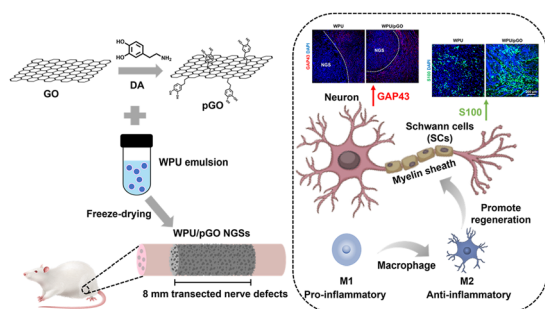
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Thiophene-based organic dye with large Stokes shift and deep red emission for live cell NAD(P)H detection under varying chemical stimuli

Sushil K. Dwivedi, Dilka Liyana Arachchige, Adenike Olowolagba, Mohamed Mahmoud, Jenna Cunnien, Daniel R. Tucker, Delaney Fritz, Thomas Werner, Rudy L. Luck* and Haiying Liu*

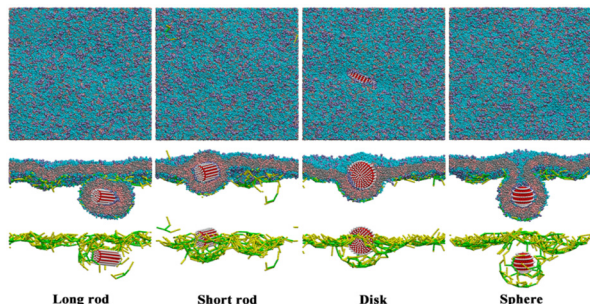
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Electroactive scaffolds of biodegradable polyurethane/polydopamine-functionalized graphene oxide regulating the inflammatory response and revitalizing the axonal growth cone for peripheral nerve regeneration

Qiao Zhang, Jinlin Chen, Yuan Feng, Jingjing Lin, Jiehua Li, Yanchao Wang* and Hong Tan

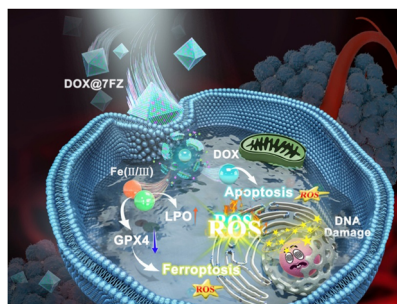
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A computational study of the influence of nanoparticle shape on clathrin-mediated endocytosis

Ye Li,* Man Zhang, Yezhuo Zhang, Xinhui Niu, Zhendan Liu, Tongtao Yue and Wen Zhang

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Construction of Fe-doped ZIF-8/DOX nanocomposites for ferroptosis strategy in the treatment of breast cancer

Yuyu Zhong, Zhaoxi Peng, Yanqiong Peng, Bo Li,* Ying Pan,* Qin Ouyang,* Hiroshi Sakiyama, Mohd. Muddassir and Jianqiang Liu*

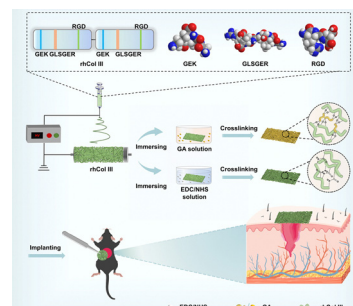


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Electrospun nanofibrous membranes of recombinant human collagen type III promote cutaneous wound healing

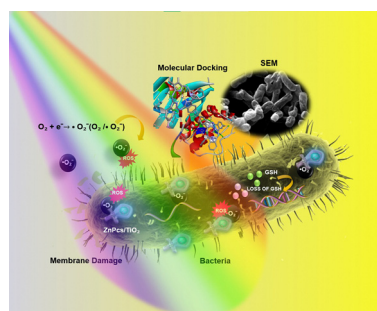
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Superior photo-induced antibacterial/antibiofilm activities of ZnPcs/TiO₂ and computational simulation studies

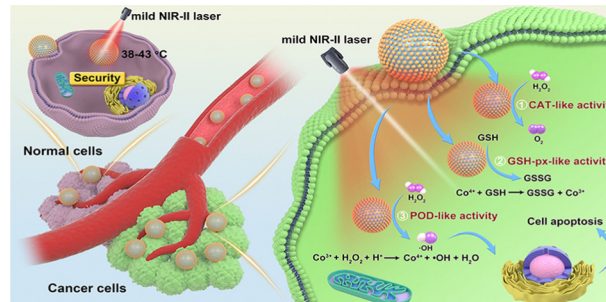
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Carbon dot decorated Co₃O₄ nanozymes responsive to the NIR-II window for mild photothermal-enhanced nanocatalytic therapy

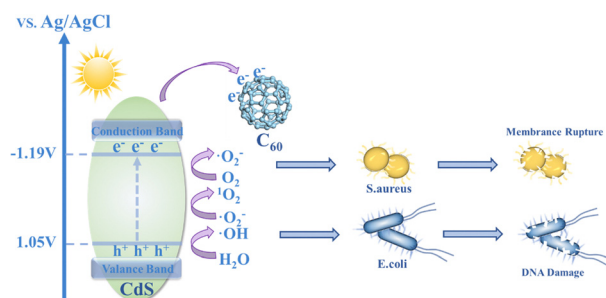
Nan Wang, Tong Dong, Wenjing Shi, Li-an Li, Ming-xia Ye, Xiao-yu Fu, Zhi-feng Yan* and Yuan-guang Meng*



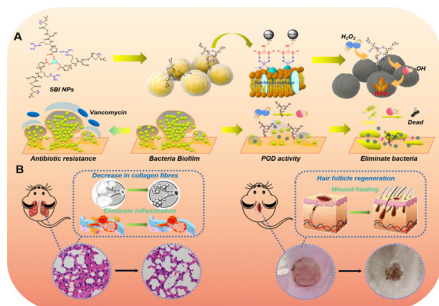
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Xiufang Wei, Yao Zhao, Shaohua Zeng, Wangyan Nie, Yifeng Zhou, Ying Xu* and Pengpeng Chen*



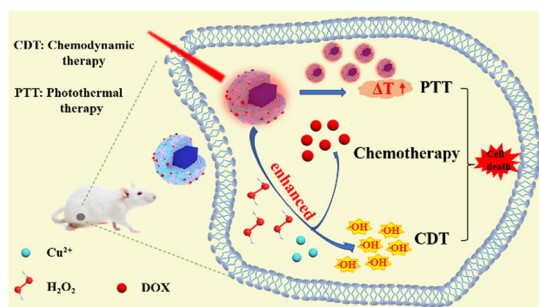
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Nanozyme-based guanidinium peptides mediate surface reactive oxygen species for multidrug resistant bacterial infection management

Xufeng Zhu, Qiang Sun, Jinjun Chen, Chunmei Liang, Liang Chen, Yi Qi, Hui Luo, Lanmei Chen* and Jincan Chen*

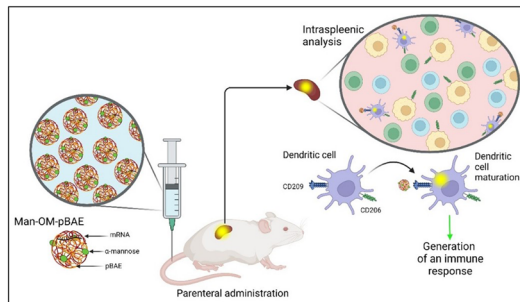
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Designed synthesis of prussian blue@Cu-doped zinc phosphate nanocomposites for chemo/chemodynamic/photothermal combined cancer therapy

Xiaoxue Hu, Xiaoning Song, Yuan Yuan, Xintao Yao, Xiangjun Chen, Gang Li* and Shengnan Li*

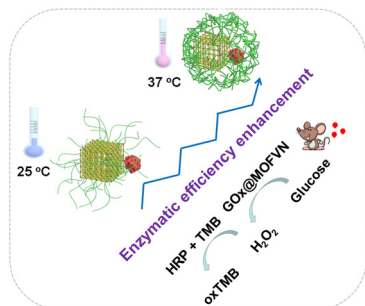
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Novel α -mannose-functionalized poly(β -amino ester) nanoparticles as mRNA vaccines with increased antigen presenting cell selectivity in the spleen

Nil González-Ríos, Margalida Artigues, Marta Guerra-Rebollo, Antoni Planas, Salvador Borrós, Magda Fajjes* and Cristina Fornaguera*

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Thermo-responsive polymer-modified metal-organic frameworks as soft-rigid enzyme-reactors for enhancement of enzymolysis efficiency using a controllable embedding protocol

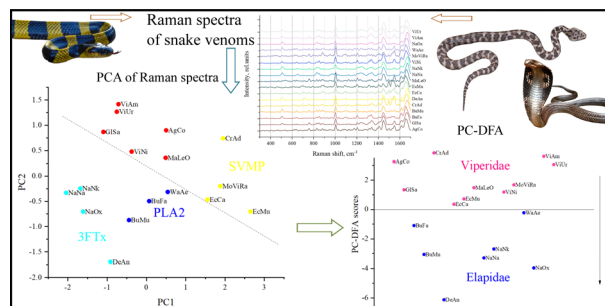
Juan Qiao, Cheng Cheng, Dan Li and Li Qi*



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Vera Mozhaeva,* Vladislav Starkov, Denis Kudryavtsev, Kirill Prokhorov, Sergey Garnov and Yuri Utkin



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Rational design of elastin-like polypeptide fusion proteins to tune self-assembly and properties of protein vesicles

Yirui Li, Dylan R. Dautel, Mikaela A. Gray, Michael E. McKenna and Julie A. Champion*

