

Journal of Materials Chemistry B

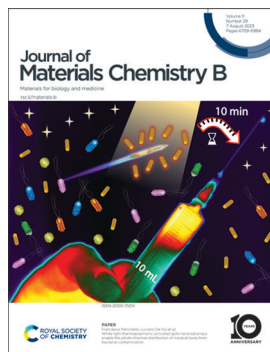
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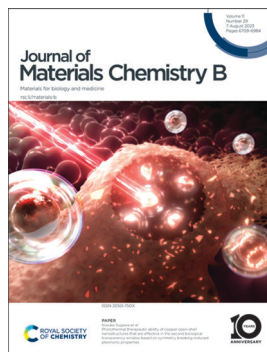
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Integrated osteoimmunomodulatory strategies based on designing scaffold surface properties in bone regeneration

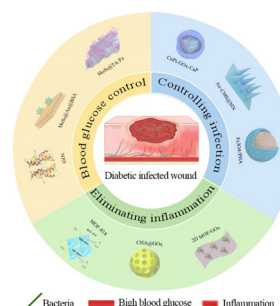
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Recent progress in nanozymes for the treatment of diabetic wounds

Jingai Jiang, Xiao Li, Hui Li, Xinyi Lv, Yan Xu, Yanling Hu,* Yanni Song,* Jinjun Shao, Shengke Li and Dongliang Yang*



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REVIEWS

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Development of nanozyme based sensors as diagnostic tools in clinic applications: a review

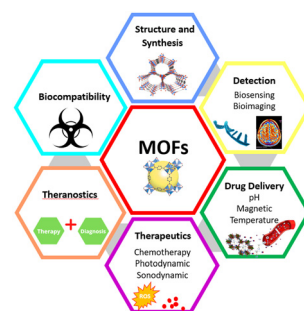
Waris, Abul Hasnat, Shumaila Hasan, Sayfa Bano, Saima Sultana, Alex Omo Ibadon and Mohammad Zain Khan*



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Metal–organic frameworks (MOFs) as effectual diagnostic and therapeutic tools for cancer

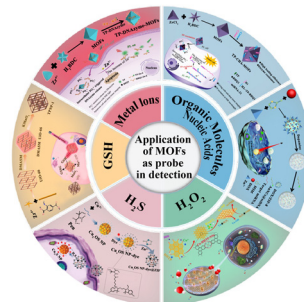
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Metal–organic frameworks (MOFs) as apt luminescent probes for the detection of biochemical analytes

Dongwen Luo, Jiefeng Huang, Yanhong Jian, Ayushi Singh, Abhinav Kumar,* Jianqiang Liu,* Ying Pan* and Qin Ouyang*

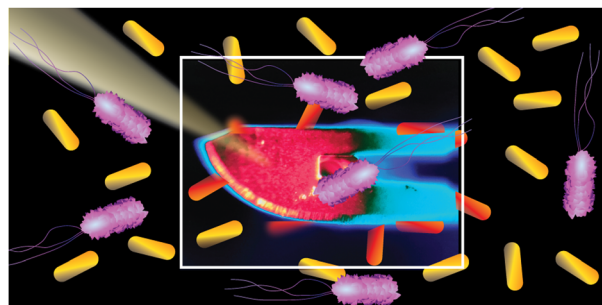


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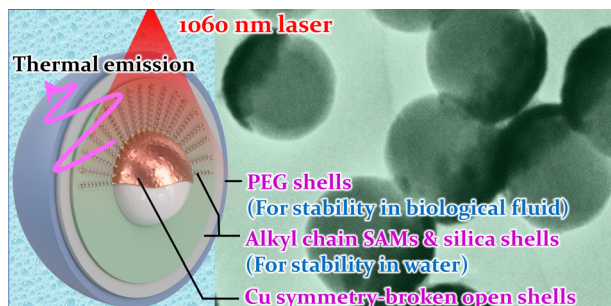
White light thermoplasmonic activated gold nanorod arrays enable the photo-thermal disinfection of medical tools from bacterial contamination

Federica Zaccagnini, Piotr Radomski, Maria Laura Sforza, Pawel Ziolkowski, Seok-In Lim, Kwang-Un Jeong, Dariusz Mikieliewicz, Nicholas P. Godman, Dean R. Evans, Jonathan E. Slagle, Michael E. McConney, Daniela De Biase, Francesca Petronella* and Luciano De Sio*



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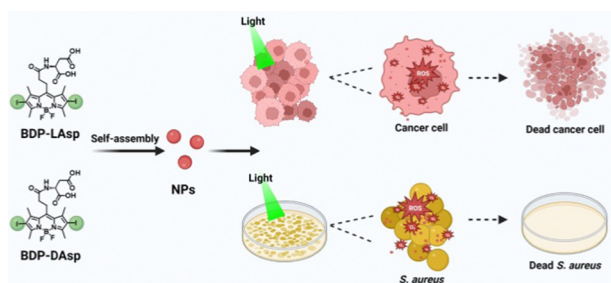
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Photothermal therapeutic ability of copper open-shell nanostructures that are effective in the second biological transparency window based on symmetry breaking-induced plasmonic properties

Kosuke Sugawa,* Arisa Suzuki, Jotaro Honda, Taiku Yabuki, Hironobu Tahara, Yutaro Hayakawa, Masato Furuya, Hiroki Ikake, Tsuyoshi Kimura, Yasuhiro Kosuge, Satoshi Kurumi, Tsuyoshi Akiyama, Kouichi Takase and Joe Otsuki

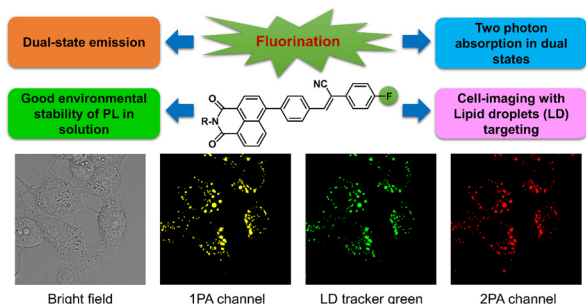
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Chiral amino acid modified boron-dipyrromethene nanoparticles with different photodynamic activities

Wentao Lei, Qihang Wu, Hui Wen, Yulin Wang,* Wenhai Lin,* Tingting Sun* and Zhigang Xie

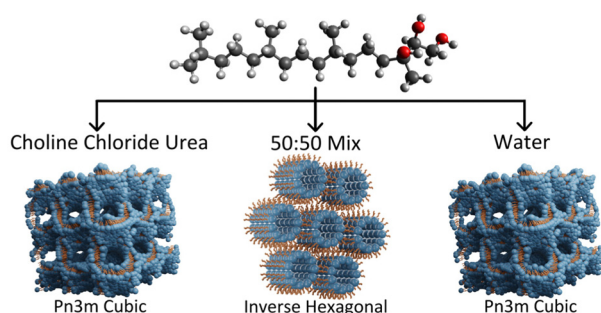
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Fluorination of naphthalimide–cyanostilbene derivatives to achieve dual-state emission luminogens with strong fluorescence in highly polar environments for bioimaging

Qiusi Shi, Yingyong Ni, Longmei Yang, Lin Kong, Peiyang Gu, Chengyuan Wang,* Qichun Zhang,* Hongping Zhou and Jiaxiang Yang*

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Phytantriol phase behaviour in choline chloride urea and water mixtures

Saffron J. Bryant,* Aaron Elbourne, Tamar L. Greaves and Gary Bryant

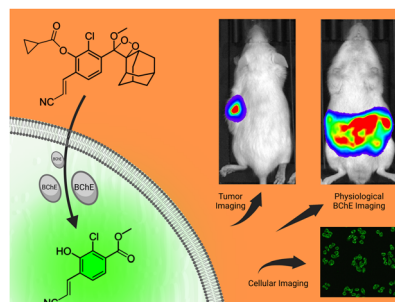


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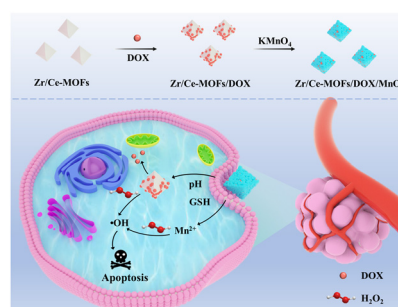
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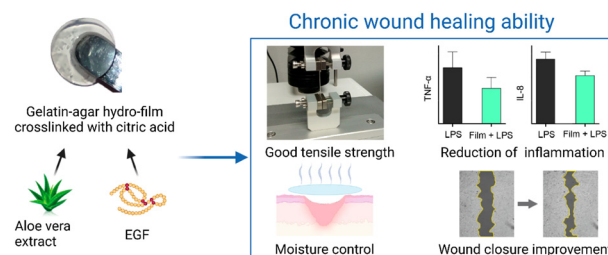
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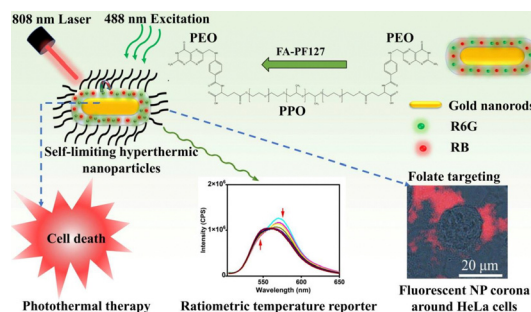
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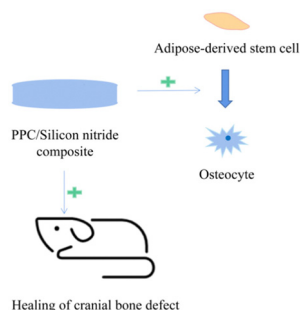
Folate targeting self-limiting hyperthermic nanoparticles for controlled photothermal therapy

Sharon George, Asha Srinivasan, SubbaRao V. Tulimilli, SubbaRao V. Madhunapantula and Shajesh Palantavida*



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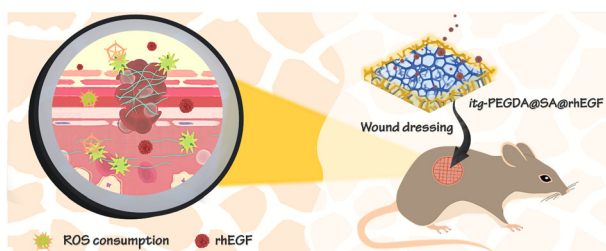
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Biodegradable composites of poly(propylene carbonate) mixed with silicon nitride for osteogenic activity of adipose-derived stem cells and repair of bone defects

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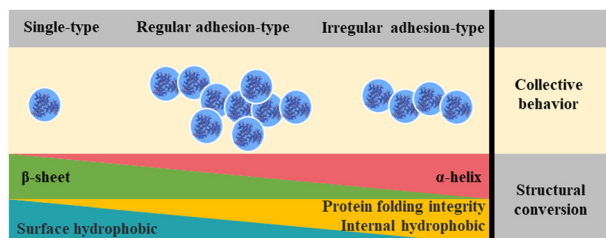
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A biocompatible polyethylene glycol/alginate composite hydrogel with significant reactive oxygen species consumption for promoting wound healing

Nan Wang, Kang-Kang Yu,* Kun Li and Xiao-Qi Yu

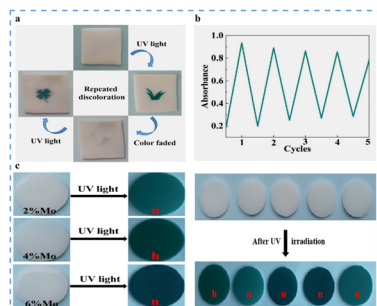
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Lanheng Nie, Zhengyu Tao, Xueying Zhu, Xin Huang and Xiaoman Liu*

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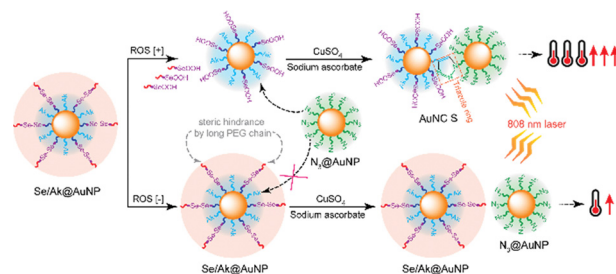
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Hoai-Thuong Duc Bui, Yeonju Park, Young Mee Jung, Sing Yian Chew and Hyuk Sang Yoo*



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Biocompatible and bioactive hydrogels of recombinant fusion elastin with low transition temperature for improved healing of UV-irradiated skin

Jianan Li, Wenjie Huang, Huixia He, Shuangni Shi, Xiuxia Sun* and Jianxi Xiao*

