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Journal of Materials Chemistry B

Materials for biology and medicine

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IN THIS ISSUE

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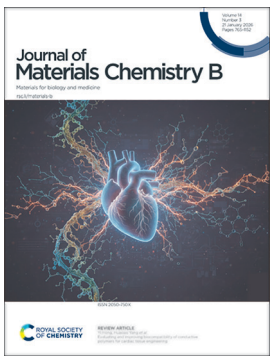

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See Yi Hong, Huaxiao Yang *et al.*, pp. 775–798.
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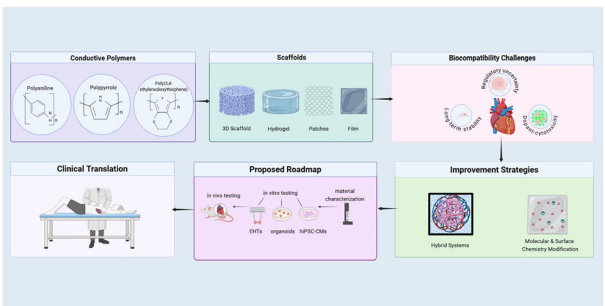

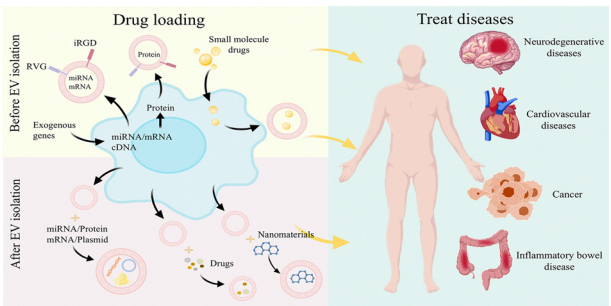

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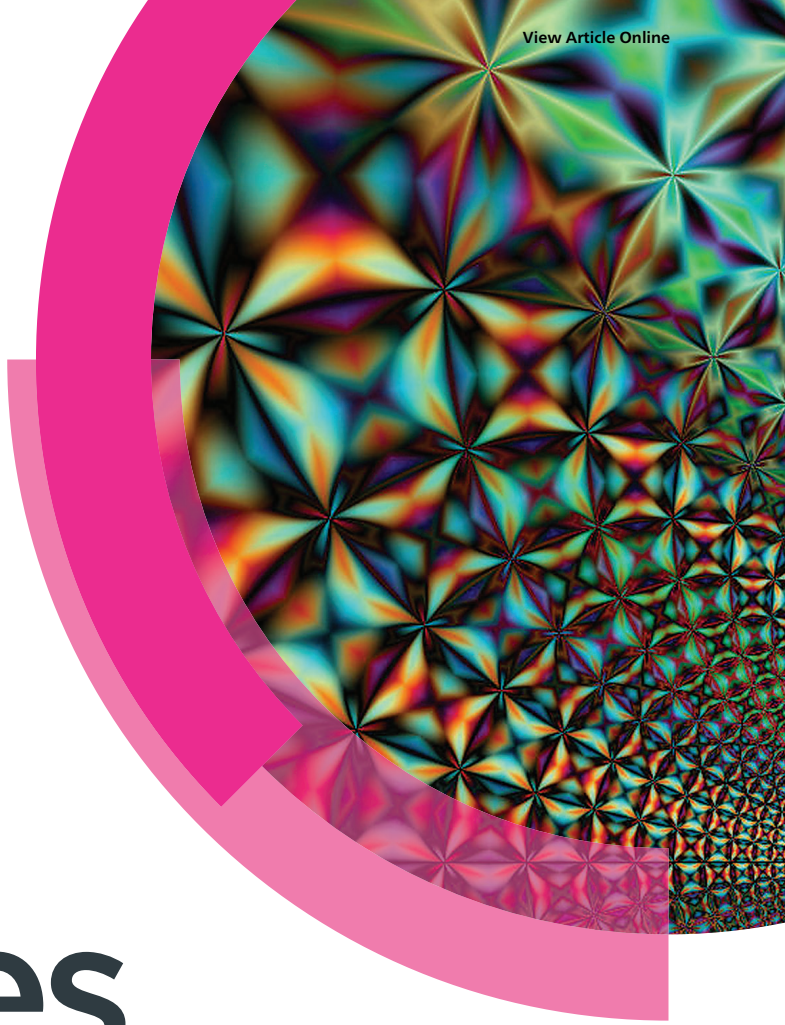

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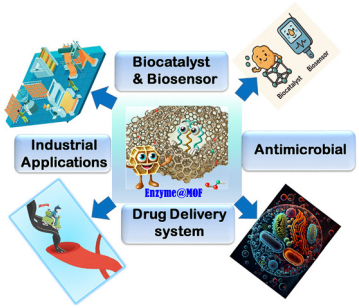

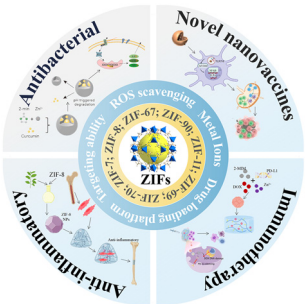

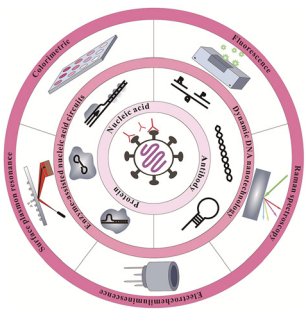

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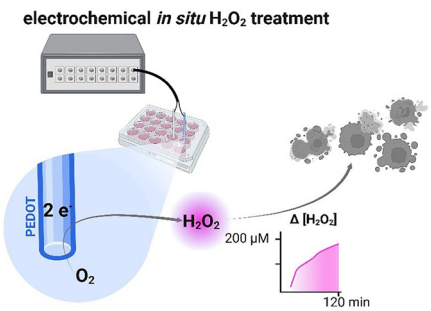

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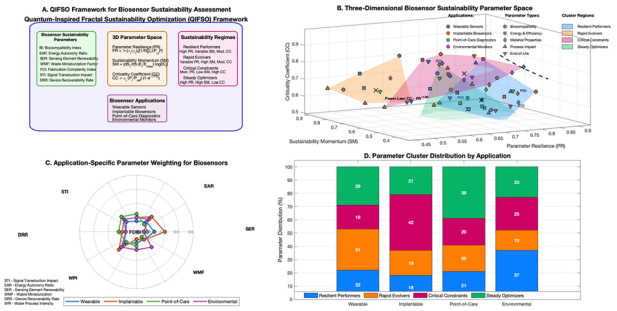
1053

Quantum-inspired fractal sustainability optimization for next-generation biosensor development

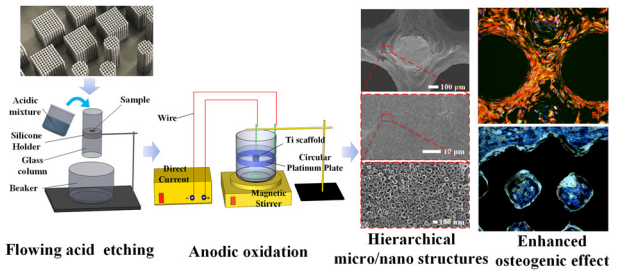
Navid Rabiee* and Mohammad Rabiee



1075

Enhancing the osteogenic capability of additively manufactured Ti6Al4V scaffolds: uniform internal/external composite coating while maintaining mechanical performance

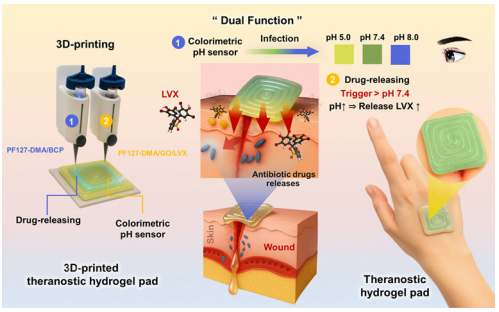
Hongwei Wang,* Yi Wan,* Brian Su, Zhenbing Ji, Mingzhi Yu, Xiaohan Sun, Jinhe Dou, Yuan Zhang, Zhou Li and Jianing Liu



1088

Dual-functional 3D-printed hydrogels for pH-responsive wound monitoring and on-demand therapy

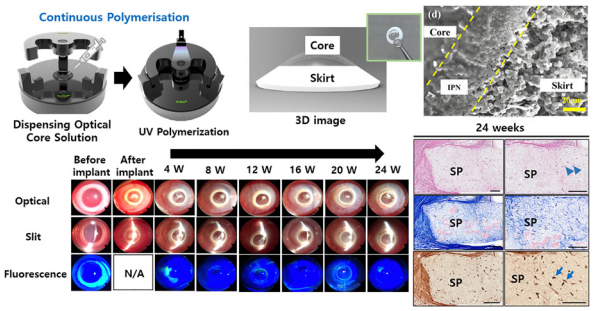
Thitiyaporn Phookum, Tatiya Siripongpreda, Karl Albright Tiston, Pawinee Rerknimitr, Charles S. Henry, Benjaporn Narupai and Nadnudda Rodthongkum*



1099

Enhanced fabrication of dual-compartment artificial cornea C-Clear *via* precision moulding and continuous polymerisation: biocompatibility and functional efficacy in rabbit model

Tae-Hyun Kim, Jae Hong Park, Eun Ji Choi, Do-Sun Jeong, Joong-Hyun Kim and Chul Min Kim*



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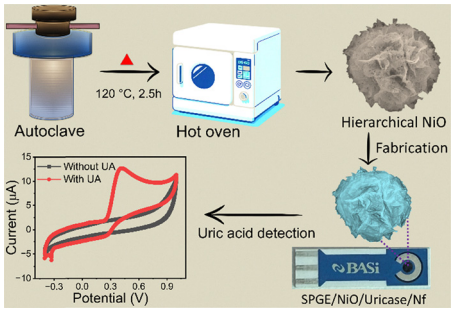
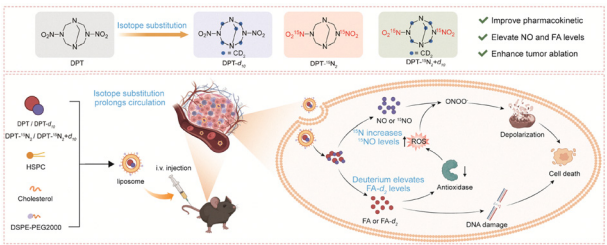
1118



High-performance uric acid detection using a hierarchical NiO nanostructure-based biosensor

Rafiq Ahmad,* Aisha Akhtar, Vandana Nagal, Abdullah, Mohd Sadiq, Akil Ahmad, Mohammed B. Alshammari and Byeong-Il Lee*

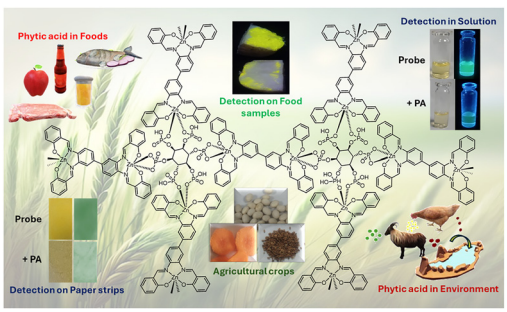
1127



Enhancing the anticancer efficacy of a nitric oxide and formaldehyde co-donor through isotope substitution

Ziyao Zhao, Yu Zhang,* Chunyuan Hou, Jun Wan, Peicheng Wang, Xijie Feng and Jun Luo*

1135



Coordination-induced self-assembly of metallosalens enables sustainable monitoring of phytic acid in agricultural foods

Sourav Mondal and Nilanjan Dey*

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