

pH/Glucose Dual Responsive Metformin Release Hydrogels Self-Healing via Dual-Dynamic Bonding for Athletic Diagnostics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Emerging treatment strategies in wound care. <i>International Wound Journal</i> , 2022, 19, 1934-1954.	1.3	61
2	Alginate-based aerogels as wound dressings for efficient bacterial capture and enhanced antibacterial photodynamic therapy. <i>Drug Delivery</i> , 2022, 29, 1086-1099.	2.5	18
3	Injectable Hydrogel Based on Defect-Rich Multi-Nanozymes for Diabetic Wound Healing via an Oxygen Self-Supplying Cascade Reaction. <i>Small</i> , 2022, 18, e2200165.	5.2	64
4	Dual functional electrospun nanofiber membrane with ROS scavenging and revascularization ability for diabetic wound healing. <i>Colloids and Interface Science Communications</i> , 2022, 48, 100620.	2.0	17
5	Supramolecular Thermo-Contracting Adhesive Hydrogel with Self-Removability Simultaneously Enhancing Noninvasive Wound Closure and MRSA-Infected Wound Healing. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102749.	3.9	120
6	Bio-inspired hydrogels with fibrous structure: A review on design and biomedical applications. , 2022, 136, 212799.		17
7	Preparation of Photocatalytic and Antibacterial MOF Nanozyme Used for Infected Diabetic Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18194-18208.	4.0	61
8	Development of a Microenvironment-Responsive Hydrogel Promoting Chronically Infected Diabetic Wound Healing through Sequential Hemostatic, Antibacterial, and Angiogenic Activities. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 30480-30492.	4.0	42
9	Bioactive hydrogels based on polysaccharides and peptides for soft tissue wound management. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7148-7160.	2.9	13
10	Bioactive and multifunctional keratin-pullulan based hydrogel membranes facilitate re-epithelization in diabetic model. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1826-1836.	3.6	13
11	Antibacterial adhesive self-healing hydrogels to promote diabetic wound healing. <i>Acta Biomaterialia</i> , 2022, 146, 119-130.	4.1	147
12	Green Polymer Nanocomposites for Skin Tissue Engineering. <i>ACS Applied Bio Materials</i> , 2022, 5, 2107-2121.	2.3	26
13	Bacterial responsive hydrogels based on quaternized chitosan and QDs- μ -PL for chemo-photothermal synergistic anti-infection in diabetic wounds. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 377-393.	3.6	17
14	An injectable and self-healing hydrogel with antibacterial and angiogenic properties for diabetic wound healing. <i>Biomaterials Science</i> , 2022, 10, 3480-3492.	2.6	22
15	Nanosized Fat Emulsion Injection Modulating Local Microenvironment Promotes Angiogenesis in Chronic Wound Healing. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	28
16	A review on wound dressings: Antimicrobial agents, biomaterials, fabrication techniques, and stimuli-responsive drug release. <i>European Polymer Journal</i> , 2022, 173, 111293.	2.6	35
18	Efficient wound healing by antibacterial property: Advances and trends of hydrogels, hydrogel-metal NP composites and photothermal therapy platforms. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103458.	1.4	23
19	Glucose/ROS cascade-responsive ceria nanozymes for diabetic wound healing. <i>Materials Today Bio</i> , 2022, 15, 100308.	2.6	25

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20	Photo-Crosslinked Antimicrobial Hydrogel Exhibiting Wound Healing Ability and Curing Infections In Vivo. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	10
21	Interpenetrating Polymer Network Hydrogels Formed Using Antibiotics as a Dynamic Crosslinker for Treatment of Infected Wounds. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	17
22	Vascularization and neuralization of bioactive calcium magnesium phosphate/hydrogels for wound healing. <i>Composites Part B: Engineering</i> , 2022, 242, 110030.	5.9	17
23	<i>In situ</i> forming injectable β -poly(glutamic acid)/PEG adhesive hydrogels for hemorrhage control. <i>Biomaterials Science</i> , 2022, 10, 4218-4227.	2.6	18
24	<i>In situ</i> self-assembly of polydopamine inside injectable hydrogels: antibacterial activity and photothermal therapy for superbug-infected wound healing. <i>Biomaterials Science</i> , 2022, 10, 4126-4139.	2.6	7
25	Riclin-Capped Silver Nanoparticles as an Antibacterial and Anti-Inflammatory Wound Dressing. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 2629-2641.	3.3	12
26	Application of nanotechnology in management and treatment of diabetic wounds. <i>Journal of Drug Targeting</i> , 0, , 1-21.	2.1	8
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28	Self-healing, antibacterial and anti-inflammatory chitosan-PEG hydrogels for ulcerated skin wound healing and drug delivery. , 2022, 139, 212992.		15
29	A cell membrane repair protein-based nanoformulation with multiple actuators for scarless wound healing. <i>Journal of Materials Chemistry B</i> , 0, , .	2.9	1
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36	MiR-21 regulating PVT1/PTEN/IL-17 axis towards the treatment of infectious diabetic wound healing by modified GO-derived biomaterial in mouse models. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	11
37	Tetrahedral framework nucleic acids-based delivery promotes intracellular transfer of healing peptides and accelerates diabetic wound healing. <i>Cell Proliferation</i> , 2022, 55, .	2.4	13

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39	Conductive hydrogel dressings based on cascade reactions with photothermal effect for monitoring and treatment of diabetic wounds. <i>Composites Part B: Engineering</i> , 2022, 242, 110098.	5.9	28
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49	pH-Universal Catechol-Amine Chemistry for Versatile Hyaluronic Acid Bioadhesives. <i>Small</i> , 2022, 18, .	5.2	20
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