

Bioinspired, Injectable, Quaternized Hydroxyethyl Cellulose Coordinated by Mesocellular Silica Foam for Rapid, Non- Wound Healing

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Natural Polymer-Based Antimicrobial Hydrogels without Synthetic Antibiotics as Wound Dressings. <i>Biomacromolecules</i> , 2020, 21, 2983-3006.	2.6	207
2	Facile Construction of Chitin/Graphene Nanocomposite Sponges for Efficient Hemostasis. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18377-18385.	3.2	21
3	A natural polymer-based porous sponge with capillary-mimicking microchannels for rapid hemostasis. <i>Acta Biomaterialia</i> , 2020, 114, 193-205.	4.1	75
4	Electrokinetic Sonic Amplitude of Polyelectrolyte Solutions and Networks. <i>Macromolecules</i> , 2020, 53, 7460-7468.	2.2	5
5	A multifunctional shape-adaptive and biodegradable hydrogel with hemorrhage control and broad-spectrum antimicrobial activity for wound healing. <i>Biomaterials Science</i> , 2020, 8, 6930-6945.	2.6	70
6	Chitosan and Cellulose-Based Hydrogels for Wound Management. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9656.	1.8	157
7	A Sodium-Ion Battery Separator with Reversible Voltage Response Based on Water-Soluble Cellulose Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29264-29274.	4.0	16
8	Anti-Infective and Pro-Coagulant Chitosan-Based Hydrogel Tissue Adhesive for Sutureless Wound Closure. <i>Biomacromolecules</i> , 2020, 21, 1243-1253.	2.6	79
9	Rational design and latest advances of polysaccharide-based hydrogels for wound healing. <i>Biomaterials Science</i> , 2020, 8, 2084-2101.	2.6	245
10	Cationic superabsorbent hydrogel composed of mesoporous silica as a potential haemostatic material. <i>Materials Science and Engineering C</i> , 2020, 111, 110841.	3.8	18
11	A convenient approach by using poly(HEMA-co-NIPAM)/Cu ²⁺ solution sol-gel transition for wound protection and healing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 50-59.	1.6	6
12	Nanocomposite hydrogel based on carrageenan-coated starch/cellulose nanofibers as a hemorrhage control material. <i>Carbohydrate Polymers</i> , 2021, 251, 117013.	5.1	60
13	A Composite Hydrogel Based on Pectin/Cellulose via Chemical Cross-Linking for Hemorrhage. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 627351.	2.0	24
14	Highly Stretchable, Adhesive, Biocompatible, and Antibacterial Hydrogel Dressings for Wound Healing. <i>Advanced Science</i> , 2021, 8, 2003627.	5.6	291
15	By Endowing Polyglutamic Acid/Polylysine Composite Hydrogel with Super Intrinsic Characteristics to Enhance its Wound Repair Potential. <i>Macromolecular Bioscience</i> , 2021, 21, e2000367.	2.1	12
16	A cellulose/Konjac glucomannan-based macroporous antibacterial wound dressing with synergistic and complementary effects for accelerated wound healing. <i>Cellulose</i> , 2021, 28, 5591-5609.	2.4	24
17	Poly(aspartic acid) based self-healing hydrogels with antibacterial and light-emitting properties for wound repair. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111568.	2.5	18
18	A composite hydrogel with co-delivery of antimicrobial peptides and platelet-rich plasma to enhance healing of infected wounds in diabetes. <i>Acta Biomaterialia</i> , 2021, 124, 205-218.	4.1	137

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19	Glucose-triggered in situ forming keratin hydrogel for the treatment of diabetic wounds. <i>Acta Biomaterialia</i> , 2021, 125, 208-218.	4.1	47
20	Hemostatic Self-Healing Hydrogel with Excellent Biocompatibility Composed of Polyphosphate-Conjugated Functional PNIPAM-Bearing Acylhydrazide. <i>Biomacromolecules</i> , 2021, 22, 2272-2283.	2.6	35
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22	Targeted delivery of hemostats to complex bleeding wounds with magnetic guidance for instant hemostasis. <i>Chemical Engineering Journal</i> , 2022, 427, 130916.	6.6	25
23	A hemostatic sponge derived from skin secretion of <i>Andrias davidianus</i> and nanocellulose. <i>Chemical Engineering Journal</i> , 2021, 416, 129136.	6.6	46
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26	Bioinspired hydrogels build a bridge from bench to bedside. <i>Nano Today</i> , 2021, 39, 101157.	6.2	28
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29	Biodegradable cellulose-based superabsorbent as potent hemostatic agent. <i>Chemical Engineering Journal</i> , 2021, 418, 129252.	6.6	34
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32	Mussel-inspired blue-light-activated cellulose-based adhesive hydrogel with fast gelation, rapid haemostasis and antibacterial property for wound healing. <i>Chemical Engineering Journal</i> , 2021, 417, 129329.	6.6	157
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37	Recent advances in materials for hemostatic management. <i>Biomaterials Science</i> , 2021, 9, 7343-7378.	2.6	40
38	Mussel-inspired chemistry: A promising strategy for natural polysaccharides in biomedical applications. <i>Progress in Polymer Science</i> , 2021, 123, 101472.	11.8	77
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40	Ball-Milling Exfoliation of Hexagonal Boron Nitride in Viscous Hydroxyethyl Cellulose for Producing Nanosheet Films as Thermal Interface Materials. <i>ACS Applied Nano Materials</i> , 2021, 4, 13167-13175.	2.4	18
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47	Polyvinyl alcohol/sodium alginate composite sponge with 3D ordered/disordered porous structure for rapidly controlling noncompressible hemorrhage. <i>Materials Science and Engineering C</i> , 2022, 134, 112698.	3.8	17
48	Chitosan for constructing stable polymer-inorganic suspensions and multifunctional membranes for wound healing. <i>Carbohydrate Polymers</i> , 2022, 285, 119209.	5.1	15
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