

Hydrogel matrices based on elastin and alginate for tiss

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Soy Protein-Based Composite Hydrogels: Physico-Chemical Characterization and In Vitro Cytocompatibility. <i>Polymers</i> , 2018, 10, 1159.	2.0	14
2	Recent Progress of Polysaccharide-Based Hydrogel Interfaces for Wound Healing and Tissue Engineering. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900761.	1.9	222
3	Preparation and in vitro evaluation of Chondroitin sulfate and carbopol based mucoadhesive controlled release polymeric composites of Loxoprofen using factorial design. <i>European Polymer Journal</i> , 2019, 121, 109312.	2.6	17
4	Tissue Engineering: Understanding the Role of Biomaterials and Biophysical Forces on Cell Functionality Through Computational and Structural Biotechnology Analytical Methods. <i>Computational and Structural Biotechnology Journal</i> , 2019, 17, 591-598.	1.9	54
5	Extrusion bioprinting of soft materials: An emerging technique for biological model fabrication. <i>Applied Physics Reviews</i> , 2019, 6, .	5.5	163
6	Nanolayer Film on Poly(Styrene/Ethylene Glycol Dimethacrylate) High Internal Phase Emulsion Porous Polymer Surface as a Scaffold for Tissue Engineering Application. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-10.	1.5	7
7	Hydrogels containing caffeine and based on Beetosan® " proecological chitosan " preparation, characterization, and <i>in vitro</i> cytotoxicity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 931-935.	1.8	6
8	The physical and chemical properties of hydrogels based on natural polymers. , 2020, , 151-172.		45
9	Alginate/human elastin-like polypeptide composite films with antioxidant properties for potential wound healing application. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 586-596.	3.6	36
10	Progress in Modern Marine Biomaterials Research. <i>Marine Drugs</i> , 2020, 18, 589.	2.2	64
11	Bone-derived dECM/alginate bioink for fabricating a 3D cell-laden mesh structure for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2020, 250, 116914.	5.1	86
12	RECENT ADVANCES IN ELASTIN-BASED BIOMATERIALS. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2020, 23, 314-332.	0.9	20
13	Biodegradable Polymers as the Pivotal Player in the Design of Tissue Engineering Scaffolds. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901358.	3.9	137
14	Development of <sc>NSAID</sc>-loaded nano-composite scaffolds for skin tissue engineering applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 3064-3075.	1.6	8
15	Multifunctional alginate-based hydrogel with reversible crosslinking for controlled therapeutics delivery. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 315-325.	3.6	27
16	Characterization of a novel bifunctional mannuronan C-5 epimerase and alginate lyase from <i>Pseudomonas mendocina</i> . sp. DICP-70. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 662-670.	3.6	13
17	Fabrication of Nanofibrous/Xerogel Layer-by-Layer Biocomposite Scaffolds for Skin Tissue Regeneration: In Vitro Study. <i>ACS Omega</i> , 2020, 5, 2133-2147.	1.6	10
18	Proteosaccharide combinations for tissue engineering applications. <i>Carbohydrate Polymers</i> , 2020, 235, 115932.	5.1	25

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19	Synthesis, Characterization, and Histological Evaluation of Chitosan-Ruta Graveolens Essential Oil Films. <i>Molecules</i> , 2020, 25, 1688.	1.7	21
20	Organ bioprinting. , 2021, , 105-136.		0
21	Mechanical and optical evaluation of alginate hydrospheres produced with different cross-linking salts for industrial application. <i>Colloid and Polymer Science</i> , 2021, 299, 693-703.	1.0	5
22	Mechanical properties of cell- and microgel bead-laden oxidized alginate-gelatin hydrogels. <i>Biomaterials Science</i> , 2021, 9, 3051-3068.	2.6	20
23	Differential Responses to Bioink-Induced Oxidative Stress in Endothelial Cells and Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2358.	1.8	12
24	Clindamycin-loaded nanofibers of polylactic acid, elastin and gelatin for use in tissue engineering. <i>Polymer Bulletin</i> , 2022, 79, 5495-5513.	1.7	6
25	Recent Advancement of Biopolymers and Their Potential Biomedical Applications. <i>Journal of Polymers and the Environment</i> , 2022, 30, 51-74.	2.4	53
26	This Review Recent Advances in Chitosan and Alginate-Based Hydrogels for Wound Healing Application. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	22
27	Electrophoretic deposition of composite coatings based on alginate matrix/45S5 bioactive glass particles doped with B, Zn or Sr. <i>Surface and Coatings Technology</i> , 2021, 418, 127183.	2.2	13
28	Milestones and current achievements in development of multifunctional bioscaffolds for medical application. <i>Bioactive Materials</i> , 2021, 6, 2412-2438.	8.6	52
29	Biomedical Applications of Hemicellulose-Based Hydrogels. <i>Current Medicinal Chemistry</i> , 2020, 27, 4647-4659.	1.2	17
30	Highly Concentrated Nitrogen-Doped Carbon Nanotubes in Alginate-Gelatin 3D Hydrogels Enable in Vitro Breast Cancer Spheroid Formation. <i>Advanced NanoBiomed Research</i> , 2022, 2, .	1.7	1
31	Direct Ink Writing of Carbon-Doped Polymeric Composite Ink: A Review on Its Requirements and Applications. <i>3D Printing and Additive Manufacturing</i> , 2023, 10, 828-854.	1.4	9
32	Protein by-products: Composition, extraction, and biomedical applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9436-9481.	5.4	7
33	Application of Collagen-Based Scaffolds for the Treatment of Spinal Cord Injuries in Animal Models: A Literature Update. <i>Cureus</i> , 2022, , .	0.2	1
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35	Recent advances in protein hydrogels: From design, structural and functional regulations to healthcare applications. <i>Chemical Engineering Journal</i> , 2023, 451, 138494.	6.6	15
36	Development of Scaffolds from Bio-Based Natural Materials for Tissue Regeneration Applications: A Review. <i>Gels</i> , 2023, 9, 100.	2.1	35

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37	Modification, 3D printing process and application of sodium alginate based hydrogels in soft tissue engineering: A review. International Journal of Biological Macromolecules, 2023, 232, 123450.	3.6	40
38	Pullulan-Based Hydrogels in Wound Healing and Skin Tissue Engineering Applications: A Review. International Journal of Molecular Sciences, 2023, 24, 4962.	1.8	19