

Extracellular matrix-based materials for regenerative m

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Design, Fabrication, and Function of Silk-Based Nanomaterials. <i>Advanced Functional Materials</i> , 2018, 28, 1805305.	14.9	120
2	Bioactive Nanofibers Induce Neural Transdifferentiation of Human Bone Marrow Mesenchymal Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41046-41055.	8.0	42
3	Off-the-Shelf Biomimetic Graphene Oxide-Collagen Hybrid Scaffolds Wrapped with Osteoinductive Extracellular Matrix for the Repair of Cranial Defects in Rats. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42948-42958.	8.0	55
4	A non-linear mathematical model using optical sensor to predict heart decellularization efficacy. <i>Scientific Reports</i> , 2019, 9, 12211.	3.3	6
5	Recent development and biomedical applications of decellularized extracellular matrix biomaterials. <i>Materials Science and Engineering C</i> , 2019, 104, 109942.	7.3	100
6	Mechanical characterization of single cells based on microfluidic techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 117, 47-57.	11.4	17
7	Small intestinal submucosa: superiority, limitations and solutions, and its potential to address bottlenecks in tissue repair. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5038-5055.	5.8	64
8	Transition Metal Dichalcogenides for Biomedical Applications. , 2019, , 241-292.		5
9	Biomedical Applications of Nanostructured Polymeric Materials. , 2019, , 1-19.		3
10	PCL-MECM-Based Hydrogel Hybrid Scaffolds and Meniscal Fibrochondrocytes Promote Whole Meniscus Regeneration in a Rabbit Meniscectomy Model. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 41626-41639.	8.0	75
11	In vivo engineered extracellular matrix scaffolds with instructive niches for oriented tissue regeneration. <i>Nature Communications</i> , 2019, 10, 4620.	12.8	192
12	Design Parameters of Tissue-Engineering Scaffolds at the Atomic Scale. <i>Angewandte Chemie</i> , 2019, 131, 17099-17107.	2.0	2
13	Electrospun nanofibers for the fabrication of engineered vascular grafts. <i>Journal of Biological Engineering</i> , 2019, 13, 83.	4.7	35
14	Fluorescence quenching study on the interaction of <i>Lycium barbarum</i> polysaccharide with bovine serum albumin. <i>Applied Physics Express</i> , 2019, 12, 092007.	2.4	4
15	Design Parameters of Tissue-Engineering Scaffolds at the Atomic Scale. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16943-16951.	13.8	26
16	Exploring the extracellular matrix in health and disease using proteomics. <i>Essays in Biochemistry</i> , 2019, 63, 417-432.	4.7	87
17	Subcutaneously engineered autologous extracellular matrix scaffolds with aligned microchannels for enhanced tendon regeneration. <i>Biomaterials</i> , 2019, 224, 119488.	11.4	26
18	Directed differential behaviors of multipotent adult stem cells from decellularized tissue/organ extracellular matrix bioinks. <i>Biomaterials</i> , 2019, 224, 119496.	11.4	90

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20	Impact of Antifouling PEG Layer on the Performance of Functional Peptides in Regulating Cell Behaviors. <i>Journal of the American Chemical Society</i> , 2019, 141, 16772-16780.	13.7	133
21	Preparation of Stepwise Adipogenesis-Mimicking ECM-Deposited PLGAâ€“Collagen Hybrid Meshes and Their Influence on Adipogenic Differentiation of hMSCs. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6099-6108.	5.2	12
22	Recent advances in musculoskeletal local drug delivery. <i>Acta Biomaterialia</i> , 2019, 93, 135-151.	8.3	22
23	Selfâ€“Healing Polymeric Hydrogel Formed by Metalâ€“Ligand Coordination Assembly: Design, Fabrication, and Biomedical Applications. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800837.	3.9	183
24	Matrix bound nanovesicle-associated IL-33 activates a pro-remodeling macrophage phenotype via a non-canonical, ST2-independent pathway. <i>Journal of Immunology and Regenerative Medicine</i> , 2019, 3, 26-35.	0.4	29
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