

Application of Collagen Scaffold in Tissue Engineering: Perspectives

Polymers

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A scaffold-filter model for studying the chondrogenic differentiation of stem cells in vitro. <i>Materials Science and Engineering C</i> , 2017, 70, 962-968.	3.8	13
2	One-pot Fabrication of Poly(ϵ -Caprolactone)-incorporated Bovine Serum Albumin/Calcium Alginate/Hydroxyapatite Nanocomposite Scaffolds by High Internal Phase Emulsion Templates. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600367.	1.7	18
3	Bioengineering Hearts: Simple yet Complex. <i>Current Stem Cell Reports</i> , 2017, 3, 35-44.	0.7	45
4	Tubular collagen scaffolds with radial elasticity for hollow organ regeneration. <i>Acta Biomaterialia</i> , 2017, 52, 1-8.	4.1	41
5	Understanding the relation between structural and mechanical properties of electrospun fiber mesh through uniaxial tensile testing. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	20
6	Fabrication of a new physiological macroporous hybrid biomaterial/bioscaffold material based on polyphosphate and collagen by freeze-extraction. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3823-3835.	2.9	16
7	In Vitro and in Vivo Analysis of Mineralized Collagen-Based Sponges Prepared by a Plasma- and Precursor-Assisted Biomimetic Process. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22185-22194.	4.0	21
8	Immobilization of native type I collagen on polypropylene fabrics as a substrate for HepG2 cell culture. <i>Journal of Biomaterials Applications</i> , 2017, 32, 93-103.	1.2	16
9	3D Bioprinting for Organ Regeneration. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601118.	3.9	385
10	Progress in development of bioderived materials for dermal wound healing. <i>International Journal of Energy Production and Management</i> , 2017, 4, 325-334.	1.9	42
11	A thermoreversible, photocrosslinkable collagen bio-ink for free-form fabrication of scaffolds for regenerative medicine. <i>Technology</i> , 2017, 05, 185-195.	1.4	54
12	Fish scale-derived collagen patch promotes growth of blood and lymphatic vessels in vivo. <i>Acta Biomaterialia</i> , 2017, 63, 246-260.	4.1	48
13	Biodegradable Polymers for Bone Tissue Engineering. , 2017, , 47-74.		7
14	Electrospun Collagen Scaffolds. , 2017, , 21-55.		3
15	Development of Multilayered Chlorogenate-Peptide Based Biocomposite Scaffolds for Potential Applications in Ligament Tissue Engineering - An <i>In Vitro</i> Study. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 0, 34, 37-56.	0.5	2
16	Designing of PLA scaffolds for bone tissue replacement fabricated by ordinary commercial 3D printer. <i>Journal of Biological Engineering</i> , 2017, 11, 31.	2.0	268
17	Chitin-Based Anisotropic Nanostructures of Butterfly Wings for Regulating Cells Orientation. <i>Polymers</i> , 2017, 9, 386.	2.0	18
18	Laminin-Coated Poly(Methyl Methacrylate) (PMMA) Nanofiber Scaffold Facilitates the Enrichment of Skeletal Muscle Myoblast Population. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2242.	1.8	29

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19	In Vitro Evaluation of Essential Mechanical Properties and Cell Behaviors of a Novel Poly(lactic-co-Glycolic Acid (PLGA)-Based Tubular Scaffold for Small-Diameter Vascular Tissue Engineering. <i>Polymers</i> , 2017, 9, 318.	2.0	19
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