

Bei Feng

List of Publications by Year in descending order

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33
papers

1,541
citations

361045
20
h-index

395343
33
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all docs

33
docs citations

33
times ranked

2490
citing authors

#	ARTICLE	IF	CITATIONS
1	An Avascular Niche Created by Axitinib-Loaded PCL/Collagen Nanofibrous Membrane Stabilized Subcutaneous Chondrogenesis of Mesenchymal Stromal Cells. <i>Advanced Science</i> , 2021, 8, e2100351.	5.6	19
2	Ex Vivo and In Vivo Properties of an Injectable Hydrogel Derived From Acellular Ear Cartilage Extracellular Matrix. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 740635.	2.0	10
3	Gelatin/Polycaprolactone Electrospun Nanofibrous Membranes: The Effect of Composition and Physicochemical Properties on Postoperative Cardiac Adhesion. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 792893.	2.0	5
4	Engineering cartilage tissue based on cartilage-derived extracellular matrix cECM/PCL hybrid nanofibrous scaffold. <i>Materials and Design</i> , 2020, 193, 108773.	3.3	50
5	Role of Blood Oxygen Saturation During Post-Natal Human Cardiomyocyte Cell Cycle Activities. <i>JACC Basic To Translational Science</i> , 2020, 5, 447-460.	1.9	22
6	Shapeable large-pore electrospun polycaprolactam cotton facilitates the rapid formation of a functional tissue engineered vascular graft. <i>Materials and Design</i> , 2020, 191, 108631.	3.3	11
7	Development of a bioMEMS device for electrical and mechanical conditioning and characterization of cell sheets for myocardial repair. <i>Biotechnology and Bioengineering</i> , 2019, 116, 3098-3111.	1.7	8
8	Tetracycline hydrochloride loaded citric acid functionalized chitosan hydrogel for wound healing. <i>RSC Advances</i> , 2019, 9, 19523-19530.	1.7	31
9	<p>Characteristics and toxicity assessment of electrospun gelatin/PCL nanofibrous scaffold loaded with graphene in vitro and in vivo</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3669-3678.	3.3	25
10	Electrospun gelatin/PCL and collagen/PCL scaffolds for modulating responses of bone marrow endothelial progenitor cells. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 3717-3726.	0.8	22
11	Tissue-Engineered trachea from a 3D-printed scaffold enhances whole-segment tracheal repair in a goat model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 694-703.	1.3	35
12	A hydrogel derived from acellular blood vessel extracellular matrix to promote angiogenesis. <i>Journal of Biomaterials Applications</i> , 2019, 33, 1301-1313.	1.2	14
13	Bioresorbable electrospun gelatin/polycaprolactone nanofibrous membrane as a barrier to prevent cardiac postoperative adhesion. <i>Acta Biomaterialia</i> , 2019, 83, 211-220.	4.1	67
14	Restoring tracheal defects in a rabbit model with tissue engineered patches based on TGF-β3-encapsulating electrospun poly(l-lactic acid-co-lu-caprolactone)/collagen scaffolds. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 985-995.	1.9	6
15	Parental attitudes and willingness to donate children's biospecimens for congenital heart disease research: a cross-sectional study in Shanghai, China. <i>BMJ Open</i> , 2018, 8, e022290.	0.8	6
16	Nanoscaled and microscaled parallel topography promotes tenogenic differentiation of ASC and neotendon formation in vitro. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3867-3881.	3.3	29
17	Enhanced chondrogenic differentiation of human mesenchymal stems cells on citric acid-modified chitosan hydrogel for tracheal cartilage regeneration applications. <i>RSC Advances</i> , 2018, 8, 16910-16917.	1.7	20
18	Alkali-Mediated Miscibility of Gelatin/Polycaprolactone for Electrospinning Homogeneous Composite Nanofibers for Tissue Scaffolding. <i>Macromolecular Bioscience</i> , 2017, 17, 1700268.	2.1	33

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19	Tissue-engineered trachea from a 3D-printed scaffold enhances whole-segment tracheal repair. <i>Scientific Reports</i> , 2017, 7, 5246.	1.6	89
20	Aligned nanofibers direct human dermal fibroblasts to tenogenic phenotype <i>in vitro</i> and enhance tendon regeneration <i>in vivo</i> . <i>Nanomedicine</i> , 2016, 11, 1055-1072.	1.7	52
21	Electrospun gelatin/polycaprolactone nanofibrous membranes combined with a coculture of bone marrow stromal cells and chondrocytes for cartilage engineering. <i>International Journal of Nanomedicine</i> , 2015, 10, 2089.	3.3	51
22	Effect of inhomogeneity of the electrospun fibrous scaffolds of gelatin/polycaprolactone hybrid on cell proliferation. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 431-438.	2.1	53
23	Characterization of a Hydrogel Derived from Decellularized Corneal Extracellular Matrix. <i>Journal of Biomaterials and Tissue Engineering</i> , 2015, 5, 951-960.	0.0	13
24	Electrospun gelatin/PCL and collagen/PLCL scaffolds for vascular tissue engineering. <i>International Journal of Nanomedicine</i> , 2014, 9, 2335.	3.3	199
25	Isolation and characterization of a Sca-1+/CD31- progenitor cell lineage derived from mouse heart tissue. <i>BMC Biotechnology</i> , 2014, 14, 75.	1.7	23
26	The influence of Gelatin/PCL ratio and 3-D construct shape of electrospun membranes on cartilage regeneration. <i>Biomaterials</i> , 2014, 35, 152-164.	5.7	150
27	Engineering ear-shaped cartilage using electrospun fibrous membranes of gelatin/polycaprolactone. <i>Biomaterials</i> , 2013, 34, 2624-2631.	5.7	144
28	Engineering of epidermis skin grafts using electrospun nanofibrous gelatin/polycaprolactone membranes. <i>International Journal of Nanomedicine</i> , 2013, 8, 2077.	3.3	57
29	Electrospun collagen-poly(L-lactic acid-co- μ -caprolactone) membranes for cartilage tissue engineering. <i>Regenerative Medicine</i> , 2013, 8, 425-436.	0.8	39
30	Electrospun Collagen/Poly(L-lactic acid-co- μ -caprolactone) Hybrid Nanofibrous Membranes Combining with Sandwich Construction Model for Cartilage Tissue Engineering. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 3818-3825.	0.9	14
31	Electrospun biomimetic scaffold of hydroxyapatite/chitosan supports enhanced osteogenic differentiation of mMSCs. <i>Nanotechnology</i> , 2012, 23, 485102.	1.3	86
32	Stable jet electrospinning for easy fabrication of aligned ultrafine fibers. <i>Journal of Materials Chemistry</i> , 2012, 22, 19634.	6.7	51
33	Acetic-Acid-Mediated Miscibility toward Electrospinning Homogeneous Composite Nanofibers of GT/PCL. <i>Biomacromolecules</i> , 2012, 13, 3917-3925.	2.6	107