## Bei Feng

## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Electrospun gelatin/PCL and collagen/PLCL scaffolds for vascular tissue engineering. International Journal of Nanomedicine, 2014, 9, 2335.	3.3	199
2	The influence of Gelatin/PCL ratio and 3-D construct shape of electrospun membranes on cartilage regeneration. Biomaterials, 2014, 35, 152-164.	5.7	150
3	Engineering ear-shaped cartilage using electrospun fibrous membranes of gelatin/polycaprolactone. Biomaterials, 2013, 34, 2624-2631.	5.7	144
4	Acetic-Acid-Mediated Miscibility toward Electrospinning Homogeneous Composite Nanofibers of GT/PCL. Biomacromolecules, 2012, 13, 3917-3925.	2.6	107
5	Tissue-engineered trachea from a 3D-printed scaffold enhances whole-segment tracheal repair. Scientific Reports, 2017, 7, 5246.	1.6	89
6	Electrospun biomimetic scaffold of hydroxyapatite/chitosan supports enhanced osteogenic differentiation of mMSCs. Nanotechnology, 2012, 23, 485102.	1.3	86
7	Bioresorbable electrospun gelatin/polycaprolactone nanofibrous membrane as a barrier to prevent cardiac postoperative adhesion. Acta Biomaterialia, 2019, 83, 211-220.	4.1	67
8	Engineering of epidermis skin grafts using electrospun nanofibrous gelatin/polycaprolactone membranes. International Journal of Nanomedicine, 2013, 8, 2077.	3.3	57
9	Effect of inhomogeneity of the electrospun fibrous scaffolds of gelatin/polycaprolactone hybrid on cell proliferation. Journal of Biomedical Materials Research - Part A, 2015, 103, 431-438.	2.1	53
10	Aligned nanofibers direct human dermal fibroblasts to tenogenic phenotype <i>in vitro</i> and enhance tendon regeneration <i>in vivo</i> . Nanomedicine, 2016, 11, 1055-1072.	1.7	52
11	Stable jet electrospinning for easy fabrication of aligned ultrafine fibers. Journal of Materials Chemistry, 2012, 22, 19634.	6.7	51
12	Electrospun gelatin/polycaprolactone nanofibrous membranes combined with a coculture of bone marrow stromal cells and chondrocytes for cartilage engineering. International Journal of Nanomedicine, 2015, 10, 2089.	3.3	51
13	Engineering cartilage tissue based on cartilage-derived extracellular matrix cECM/PCL hybrid nanofibrous scaffold. Materials and Design, 2020, 193, 108773.	3.3	50
14	Electrospun collagen–poly( <scp>L</scp> -lactic acid-co-ε-caprolactone) membranes for cartilage tissue engineering. Regenerative Medicine, 2013, 8, 425-436.	0.8	39
15	Tissueâ€engineered trachea from a 3Dâ€printed scaffold enhances wholeâ€segment tracheal repair in a goat model. Journal of Tissue Engineering and Regenerative Medicine, 2019, 13, 694-703.	1.3	35
16	Alkaliâ€Mediated Miscibility of Gelatin/Polycaprolactone for Electrospinning Homogeneous Composite Nanofibers for Tissue Scaffolding. Macromolecular Bioscience, 2017, 17, 1700268.	2.1	33
17	Tetracycline hydrochloride loaded citric acid functionalized chitosan hydrogel for wound healing. RSC Advances, 2019, 9, 19523-19530.	1.7	31
18	Nanoscaled and microscaled parallel topography promotes tenogenic differentiation of ASC and neotendon formation in vitro. International Journal of Nanomedicine, 2018, Volume 13, 3867-3881.	3.3	29

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19	<p>Characteristics and toxicity assessment of electrospun gelatin/PCL nanofibrous scaffold loaded with graphene in vitro and in vivo</p> . International Journal of Nanomedicine, 2019, Volume 14, 3669-3678.	3.3	25
20	lsolation and characterization of a Sca-1+/CD31- progenitor cell lineage derived from mouse heart tissue. BMC Biotechnology, 2014, 14, 75.	1.7	23
21	Electrospun gelatin/PCL and collagen/PCL scaffolds for modulating responses of bone marrow endothelial progenitor cells. Experimental and Therapeutic Medicine, 2019, 17, 3717-3726.	0.8	22
22	Role of Blood Oxygen Saturation During Post-Natal Human Cardiomyocyte Cell Cycle Activities. JACC Basic To Translational Science, 2020, 5, 447-460.	1.9	22
23	Enhanced chondrogenic differentiation of human mesenchymal stems cells on citric acid-modified chitosan hydrogel for tracheal cartilage regeneration applications. RSC Advances, 2018, 8, 16910-16917.	1.7	20
24	An Avascular Niche Created by Axitinib‣oaded PCL/Collagen Nanofibrous Membrane Stabilized Subcutaneous Chondrogenesis of Mesenchymal Stromal Cells. Advanced Science, 2021, 8, e2100351.	5.6	19
25	Electrospun Collagen/Poly(L-lactic acid-co- <i>ε</i> -caprolactone) Hybrid Nanofibrous Membranes Combining with Sandwich Construction Model for Cartilage Tissue Engineering. Journal of Nanoscience and Nanotechnology, 2013, 13, 3818-3825.	0.9	14
26	A hydrogel derived from acellular blood vessel extracellular matrix to promote angiogenesis. Journal of Biomaterials Applications, 2019, 33, 1301-1313.	1.2	14
27	Characterization of a Hydrogel Derived from Decellularized Corneal Extracellular Matrix. Journal of Biomaterials and Tissue Engineering, 2015, 5, 951-960.	0.0	13
28	Shapeable large-pore electrospun polycaprolactam cotton facilitates the rapid formation of a functional tissue engineered vascular graft. Materials and Design, 2020, 191, 108631.	3.3	11
29	Ex Vivo and In Vivo Properties of an Injectable Hydrogel Derived From Acellular Ear Cartilage Extracellular Matrix. Frontiers in Bioengineering and Biotechnology, 2021, 9, 740635.	2.0	10
30	Development of a bioâ€MEMS device for electrical and mechanical conditioning and characterization of cell sheets for myocardial repair. Biotechnology and Bioengineering, 2019, 116, 3098-3111.	1.7	8
31	Restoring tracheal defects in a rabbit model with tissue engineered patches based on TGF-β3-encapsulating electrospun poly(l-lactic acid-co-ε-caprolactone)/collagen scaffolds. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 985-995.	1.9	6
32	Parental attitudes and willingness to donate children's biospecimens for congenital heart disease research: a cross-sectional study in Shanghai, China. BMJ Open, 2018, 8, e022290.	0.8	6
33	Gelatin/Polycaprolactone Electrospun Nanofibrous Membranes: The Effect of Composition and Physicochemical Properties on Postoperative Cardiac Adhesion. Frontiers in Bioengineering and Biotechnology, 2021, 9, 792893.	2.0	5