

Jialing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,548
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2754
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanded encyclopaedias of DNA elements in the human and mouse genomes. <i>Nature</i> , 2020, 583, 699-710.	27.8	1,252
2	Fabrication and preliminary study of a biomimetic tri-layer tubular graft based on fibers and fiber yarns for vascular tissue engineering. <i>Materials Science and Engineering C</i> , 2018, 82, 121-129.	7.3	87
3	Orthogonally Functionalizable Polyurethane with Subsequent Modification with Heparin and Endothelium-Inducing Peptide Aiming for Vascular Reconstruction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14442-14452.	8.0	39
4	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.	2.7	35
5	Design and Fabrication of a Biomimetic Vascular Scaffold Promoting in Situ Endothelialization and Tunica Media Regeneration. <i>ACS Applied Bio Materials</i> , 2018, 1, 833-844.	4.6	23
6	Upregulation of miRNA-23a-3p rescues high glucose-induced cell apoptosis and proliferation inhibition in cardiomyocytes. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2020, 56, 866-877.	1.5	20
7	Next-generation molecular diagnosis: single-cell sequencing from bench to bedside. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 869-880.	5.4	18
8	Development of Dynamic Liquid and Conjugated Electrospun Poly(L-lactide-co-caprolactone)/Collagen Nanoyarns for Regulating Vascular Smooth Muscle Cells Growth. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 303-312.	1.1	17
9	A bilayer vascular scaffold with spatially controlled release of growth factors to enhance in situ rapid endothelialization and smooth muscle regeneration. <i>Materials and Design</i> , 2021, 204, 109649.	7.0	17
10	N-acetylcysteine protects neonatal mice from ventricular hypertrophy induced by maternal obesity in a sex-specific manner. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110989.	5.6	12
11	Melatonin alleviates vascular endothelial cell damage by regulating an autophagy-apoptosis axis in Kawasaki disease. <i>Cell Proliferation</i> , 2022, 55, e13251.	5.3	12
12	Effects of the Leptin-Mediated MAPK/ERK Signaling Pathway on Collagen II Expression in Knee Cartilage of Newborn Male Mice from Obese Maternal Offspring. <i>Biomolecules</i> , 2022, 12, 477.	4.0	6
13	Preliminary study of a novel nanofiber-based valve integrated tubular graft as an alternative for a pulmonary valved artery. <i>RSC Advances</i> , 2016, 6, 84837-84846.	3.6	4
14	Accurate and continuous ultrasonography evaluation of small diameter vascular prostheses in vivo. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 3899-3907.	1.8	2
15	Protective effect of antioxidants on cardiac function in adult offspring exposed to prenatal overnutrition. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, , 1-9.	1.4	0