

Dayong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,498
citations

516710

16
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1968
citing authors

#	ARTICLE	IF	CITATIONS
1	Allogeneic Periodontal Ligament Stem Cell Therapy for Periodontitis in Swine. <i>Stem Cells</i> , 2010, 28, 1829-1838.	3.2	321
2	Allogeneic mesenchymal stem cell treatment alleviates experimental and clinical Sjögren syndrome. <i>Blood</i> , 2012, 120, 3142-3151.	1.4	238
3	Vitamin C treatment promotes mesenchymal stem cell sheet formation and tissue regeneration by elevating telomerase activity. <i>Journal of Cellular Physiology</i> , 2012, 227, 3216-3224.	4.1	203
4	Functional Tooth Restoration by Allogeneic Mesenchymal Stem Cell-Based Bio-Root Regeneration in Swine. <i>Stem Cells and Development</i> , 2013, 22, 1752-1762.	2.1	128
5	Mesenchymal stem cells derived from inflamed periodontal ligaments exhibit impaired immunomodulation. <i>Journal of Clinical Periodontology</i> , 2012, 39, 1174-1182.	4.9	127
6	Periodontal Ligament Stem Cells Regulate B Lymphocyte Function via Programmed Cell Death Protein 1. <i>Stem Cells</i> , 2013, 31, 1371-1382.	3.2	77
7	Demethylation of <i>IGFBP5</i> by Histone Demethylase KDM6B Promotes Mesenchymal Stem Cell-Mediated Periodontal Tissue Regeneration by Enhancing Osteogenic Differentiation and Anti-Inflammation Potentials. <i>Stem Cells</i> , 2015, 33, 2523-2536.	3.2	60
8	KDM6A promotes chondrogenic differentiation of periodontal ligament stem cells by demethylation of <i>SOX9</i> . <i>Cell Proliferation</i> , 2018, 51, e12413.	5.3	44
9	Temporal expression of estrogen receptor alpha in rat bone marrow mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 117-123.	2.1	42
10	<i>IGFBP5</i> enhances osteogenic differentiation potential of periodontal ligament stem cells and Wharton's jelly umbilical cord stem cells, via the <i>JNK</i> and <i>MEK/Erk</i> signalling pathways. <i>Cell Proliferation</i> , 2016, 49, 618-627.	5.3	37
11	<i>NAP1L2</i> drives mesenchymal stem cell senescence and suppresses osteogenic differentiation. <i>Aging Cell</i> , 2022, 21, e13551.	6.7	30
12	Physiologic Levels of Endogenous Hydrogen Sulfide Maintain the Proliferation and Differentiation Capacity of Periodontal Ligament Stem Cells. <i>Journal of Periodontology</i> , 2015, 86, 1276-1286.	3.4	29
13	MicroRNAome and Expression Profile of Developing Tooth Germ in Miniature Pigs. <i>PLoS ONE</i> , 2012, 7, e52256.	2.5	23
14	<i>IGFBP2</i> enhances adipogenic differentiation potentials of mesenchymal stem cells from Wharton's jelly of the umbilical cord via <i>JNK</i> and <i>Akt</i> signaling pathways. <i>PLoS ONE</i> , 2017, 12, e0184182.	2.5	23
15	Epigenetic modifier trichostatin A enhanced osteogenic differentiation of mesenchymal stem cells by inhibiting <i>NF-κB</i> (p65) DNA binding and promoted periodontal repair in rats. <i>Journal of Cellular Physiology</i> , 2020, 235, 9691-9701.	4.1	21
16	PLGA hybrid porous microspheres as human periodontal ligament stem cell delivery carriers for periodontal regeneration. <i>Chemical Engineering Journal</i> , 2021, 420, 129703.	12.7	19
17	Construction of a cDNA library for miniature pig mandibular deciduous molars. <i>BMC Developmental Biology</i> , 2014, 14, 16.	2.1	18
18	Azithromycin Promotes the Osteogenic Differentiation of Human Periodontal Ligament Stem Cells after Stimulation with <i>TNF-α</i> . <i>Stem Cells International</i> , 2018, 2018, 1-11.	2.5	14

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19	All-optical regulation of gene expression in targeted cells. <i>Scientific Reports</i> , 2014, 4, 5346.	3.3	13
20	Mitochondrial swelling and restorable fragmentation stimulated by femtosecond laser. <i>Biomedical Optics Express</i> , 2015, 6, 4539.	2.9	11
21	Identification of differential microRNA expression during tooth morphogenesis in the heterodont dentition of miniature pigs, <i>SusScrofa</i> . <i>BMC Developmental Biology</i> , 2015, 15, 51.	2.1	11
22	Downregulation of Prolactin-Induced Protein Promotes Osteogenic Differentiation of Periodontal Ligament Stem Cells. <i>Medical Science Monitor</i> , 2021, 27, e930610.	1.1	4
23	3D ring artifacts removal algorithm combined low-rank tensor decomposition with spatial sequential total variation regularization and its application in phase-contrast microtomography. <i>Medical Physics</i> , 2022, 49, 393-410.	3.0	2
24	LBH589 Promotes Osteogenic and Dentinogenic Differentiation of Stem Cells from the Apical Papilla by Inhibiting Histone Deacetylation. <i>Journal of Hard Tissue Biology</i> , 2014, 23, 335-342.	0.4	1