Jinhua Yu

List of Publications by Year
in descending order

68 papers	2,491 citations	186265 28 h-index	206112 48 g-index
75 all docs	75 docs citations	75 times ranked	2898 citing authors

#	Article	IF	Citations
1	BCOR regulates mesenchymal stem cell function by epigenetic mechanisms. Nature Cell Biology, 2009, 11, 1002-1009.	10.3	231
2	Odontogenic capability: bone marrow stromal stem cells versus dental pulp stem cells. Biology of the Cell, 2007, 99, 465-474.	2.0	184
3	Differentiation potential of STRO-1+ dental pulp stem cells changes during cell passaging. BMC Cell Biology, 2010, 11, 32.	3.0	159
4	Differentiation of Dental Pulp Stem Cells into Regular-Shaped Dentin-Pulp Complex Induced by Tooth Germ Cell Conditioned Medium. Tissue Engineering, 2006, 12, 3097-3105.	4.6	133
5	Effects of FGF2 and TGFÎ²₁ on the differentiation of human dental pulp stem cells in vitro. Cell Biology International, 2008, 32, 827-834.	3.0	121
6	Insulin-like growth factor 1 enhances the proliferation and osteogenic differentiation of human periodontal ligament stem cells via ERK and JNK MAPK pathways. Histochemistry and Cell Biology, 2012, 137, 513-525.	1.7	119
7	Insulin-like growth factor 1 can promote the osteogenic differentiation and osteogenesis of stem cells from apical papilla. Stem Cell Research, 2012, 8, 346-356.	0.7	110
8	Instrument Separation Analysis of Multi-used ProTaper Universal Rotary System during Root Canal Therapy. Journal of Endodontics, 2011, 37, 758-763.	3.1	83
9	Insulin-like growth factor 1 promotes the proliferation and committed differentiation of human dental pulp stem cells through MAPK pathways. Archives of Oral Biology, 2016, 72, 116-123.	1.8	59
10	A Journey from Dental Pulp Stem Cells to a Bio-tooth. Stem Cell Reviews and Reports, 2011, 7, 161-171.	5.6	52
11	LncRNA H19 promotes the committed differentiation of stem cells from apical papilla via miR-141/SPAG9 pathway. Cell Death and Disease, 2019, 10, 130.	6.3	51
12	Estrogen deficiency inhibits the odonto/osteogenic differentiation of dental pulp stem cells via activation of the NF-ÎºB pathway. Cell and Tissue Research, 2013, 352, 551-559.	2.9	48
13	Mineral Trioxide Aggregate Promotes the Odonto/Osteogenic Differentiation and Dentinogenesis of Stem Cells from Apical Papilla via Nuclear Factor Kappa B Signaling Pathway. Journal of Endodontics, 2014, 40, 640-647.	3.1	47
14	Biocompatibility and Osteogenic Capacity of Periodontal Ligament Stem Cells on nHAC/PLA and HA/TCP Scaffolds. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 179-194.	3.5	45
15	Dentin nonâ€collagenous proteins (dNCPs) can stimulate dental follicle cells to differentiate into cementoblast lineages. Biology of the Cell, 2008, 100, 291-302.	2.0	43
16	17beta-estradiol promotes the odonto/osteogenic differentiation of stem cells from apical papilla via mitogen-activated protein kinase pathway. Stem Cell Research and Therapy, 2014, 5, 125.	5.5	41
17	Mixture of Fibroblasts and Adipose Tissue-Derived Stem Cells Can Improve Epidermal Morphogenesis of Tissue-Engineered Skin. Cells Tissues Organs, 2012, 195, 197-206.	2.3	40
18	Current Approaches and Challenges in Making a Bio-Tooth. Tissue Engineering - Part B: Reviews, 2008, 14, 307-319.	4.8	39

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19	Analysis of Differentiation Potentials and Gene Expression Profiles of Mesenchymal Stem Cells Derived from Periodontal Ligament and Whartonâ€™s Jelly of the Umbilical Cord. Cells Tissues Organs, 2013, 197, 209-223.	2.3	39
20	Effects of Canonical NF-ÎºB Signaling Pathway on the Proliferation and Odonto/Osteogenic Differentiation of Human Stem Cells from Apical Papilla. BioMed Research International, 2014, 2014, 1-12.	1.9	39
21	IGF-1/IGF-1R/hsa-let-7c axis regulates the committed differentiation of stem cells from apical papilla. Scientific Reports, 2016, 6, 36922.	3.3	36
22	iRoot BP Plus promotes osteo/odontogenic differentiation of bone marrow mesenchymal stem cells via MAPK pathways and autophagy. Stem Cell Research and Therapy, 2019, 10, 222.	5.5	36
23	MicroRNA hsaâ€letâ€7b suppresses the odonto/osteogenic differentiation capacity of stem cells from apical papilla by targeting MMP1. Journal of Cellular Biochemistry, 2018, 119, 6545-6554.	2.6	35
24	Three polymorphisms in interleukin-1Î² gene and risk for breast cancer: a meta-analysis. Breast Cancer Research and Treatment, 2010, 124, 821-825.	2.5	34
25	Mineral trioxide aggregate enhances the osteogenic capacity of periodontal ligament stem cells via NFâ€ŠÎºB and MAPK signaling pathways. Journal of Cellular Physiology, 2018, 233, 2386-2397.	4.1	33
26	Mechanical Stress Stimulates the Osteo/Odontoblastic Differentiation of Human Stem Cells from Apical Papilla via ERK 1/2 and JNK MAPK Pathways. BioMed Research International, 2014, 2014, 1-10.	1.9	32
27	Thermal and Morphological Effects of the Pulsed Nd:YAG Laser on Root Canal Surfaces. Photomedicine and Laser Surgery, 2009, 27, 235-240.	2.0	31
28	Parathyroid hormone enhances the osteo/odontogenic differentiation of dental pulp stem cells via ERK and P38 MAPK pathways. Journal of Cellular Physiology, 2020, 235, 1209-1221.	4.1	31
29	Dentinogenic capacity: immature root papilla stem cells versus mature root pulp stem cells. Biology of the Cell, 2011, 103, 185-196.	2.0	30
30	Circular RNA SIPA1L1 regulates osteoblastic differentiation of stem cells from apical papilla via miR-204-5p/ALPL pathway. Stem Cell Research and Therapy, 2020, 11, 461.	5.5	29
31	The effect of platform switching on stress distribution in implants and periimplant bone studied by nonlinear finite element analysis. Journal of Prosthetic Dentistry, 2014, 112, 1111-1118.	2.8	28
32	Circular RNA SIPA1L1 promotes osteogenesis via regulating the miR-617/Smad3 axis in dental pulp stem cells. Stem Cell Research and Therapy, 2020, 11, 364.	5.5	26
33	Dental pulp stem cells from traumatically exposed pulps exhibited an enhanced osteogenic potential and weakened odontogenic capacity. Archives of Oral Biology, 2013, 58, 1709-1717.	1.8	25
34	Plants and Their Bioactive Constituents in Mesenchymal Stem Cell-Based Periodontal Regeneration: A Novel Prospective. BioMed Research International, 2018, 2018, 1-15.	1.9	23
35	Oestrogen receptor Î± regulates the odonto/osteogenic differentiation of stem cells from apical papilla via <scp>ERK</scp> and <scp>JNK MAPK</scp> pathways. Cell Proliferation, 2018, 51, e12485.	5.3	23
36	Differentiation of BMMSCs into odontoblast-like cells induced by natural dentine matrix. Archives of Oral Biology, 2013, 58, 862-870.	1.8	21

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37	The Conditioned Medium of Calcined Tooth Powder Promotes the Osteogenic and Odontogenic Differentiation of Human Dental Pulp Stem Cells via MAPK Signaling Pathways. Stem Cells International, 2019, 2019, 1-13.	2.5	21
38	Dentin matrix proteins (DMPs) enhance differentiation of BMMSCs via ERK and P38 MAPK pathways. Cell and Tissue Research, 2014, 356, 171-182.	2.9	20
39	Remineralization of dentin slices using casein phosphopeptideâ€“amorphous calcium phosphate combined with sodium tripolyphosphate. BioMedical Engineering OnLine, 2020, 19, 18.	2.7	20
40	Cementum and Periodontal Ligamentâ€“like Tissue Formation Induced Using Bioengineered Dentin. Tissue Engineering - Part A, 2008, 14, 1731-1742.	3.1	19
41	Estrogen deficiency reduces the dentinogenic capacity of rat lower incisors. Journal of Molecular Histology, 2014, 45, 11-19.	2.2	18
42	MiR-141-3p regulates proliferation and senescence of stem cells from apical papilla by targeting YAP. Experimental Cell Research, 2019, 383, 111562.	2.6	18
43	Upregulating the Expression of LncRNA ANRIL Promotes Osteogenesis via the miR-7-5p/IGF-1R Axis in the Inflamed Periodontal Ligament Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 604400.	3.7	18
44	Differential circular RNA expression profiling during osteogenic differentiation of stem cells from apical papilla. Epigenomics, 2019, 11, 1057-1073.	2.1	17
45	Sodium fluoride regulates the osteo/odontogenic differentiation of stem cells from apical papilla by modulating autophagy. Journal of Cellular Physiology, 2019, 234, 16114-16124.	4.1	17
46	Upregulated LOX and increased collagen content associated with aggressive clinicopathological features and unfavorable outcome in oral squamous cell carcinoma. Journal of Cellular Biochemistry, 2019, 120, 14348-14359.	2.6	16
47	CircRNA FAT1 Regulates Osteoblastic Differentiation of Periodontal Ligament Stem Cells via miR-4781-3p/SMAD5 Pathway. Stem Cells International, 2021, 2021, 1-16.	2.5	15
48	10 â^'7 Â m 17Î²â€oestradiol enhances odonto/osteogenic potency of human dental pulp stem cells by activation of the NFâ€ºB pathway. Cell Proliferation, 2013, 46, 677-684.	5.3	14
49	Establishment and Characterization of Calcyclin Binding Protein (CacyBP) Monoclonal Antibody. Hybridoma, 2006, 25, 91-94.	0.4	11
50	CCND1 G870A polymorphism and risk for head and neck cancer: a meta-analysis. Medical Oncology, 2011, 28, 1319-1324.	2.5	11
51	Potassium dihydrogen phosphate promotes the proliferation and differentiation of human periodontal ligament stem cells via nuclear factor kappa B pathway. Experimental Cell Research, 2019, 384, 111593.	2.6	11
52	Hyperoside ameliorates periodontitis in rats by promoting osteogenic differentiation of BMSCs via activation of the NFâ€ºB pathway. FEBS Open Bio, 2020, 10, 1843-1855.	2.3	11
53	Extracellular IL-37 promotes osteogenic and odontogenic differentiation of human dental pulp stem cells via autophagy. Experimental Cell Research, 2021, 407, 112780.	2.6	9
54	Extracellular vesicles from the inflammatory microenvironment regulate the osteogenic and odontogenic differentiation of periodontal ligament stem cells by miR-758-5p/LMBR1/BMP2/4 axis. Journal of Translational Medicine, 2022, 20, 208.	4.4	9

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55	High Glucose Enhances the Odonto/Osteogenic Differentiation of Stem Cells from Apical Papilla via NF-KappaB Signaling Pathway. BioMed Research International, 2019, 2019, 1-10.	1.9	8
56	iRoot SP Promotes Osteo/Odontogenesis of Bone Marrow Mesenchymal Stem Cells via Activation of NF-Î²B and MAPK Signaling Pathways. Stem Cells International, 2020, 2020, 1-15.	2.5	8
57	MicroRNA Hsa-Let-7b Regulates the Osteogenic Differentiation of Human Periodontal Ligament Stem Cells by Targeting CTHRC1. Stem Cells International, 2021, 2021, 1-15.	2.5	7
58	Yunnan Baiyao Conditioned Medium Promotes the Odonto/Osteogenic Capacity of Stem Cells from Apical Papilla via Nuclear Factor Kappa B Signaling Pathway. BioMed Research International, 2019, 2019, 1-11.	1.9	6
59	Intermittent Administration of Parathyroid Hormone Enhances Odonto/Osteogenic Differentiation of Stem Cells from the Apical Papilla via JNK and P38 MAPK Pathways. Stem Cells International, 2020, 2020, 1-13.	2.5	5
60	CTPâ€€M enhances osteogenic differentiation of hPDLSCs via NFâ€Î²B pathway. Oral Diseases, 2021, 27, 577-588.	3.0	5
61	Integrative Analysis of ceRNA Networks in human periodontal ligament stem cells under hypoxia. Oral Diseases, 2023, 29, 1197-1213.	3.0	4
62	Estrogen-mediated dental tissue regeneration. Histology and Histopathology, 2016, 31, 1281-9.	0.7	4
63	Dental Pulp Stem Cell Niche. Pancreatic Islet Biology, 2015, , 163-189.	0.3	3
64	Dentin-Derived Inorganic Minerals Promote the Osteogenesis of Bone Marrow-Derived Mesenchymal Stem Cells: Potential Applications for Bone Regeneration. Stem Cells International, 2020, 2020, 1-16.	2.5	3
65	PD-1 Suppresses the Osteogenic and Odontogenic Differentiation of Stem Cells from Dental Apical Papilla via Targeting SHP2/NF-Î²B Axis. Stem Cells, 2022, 40, 763-777.	3.2	3
66	A new hope for patients suffering from multiple myeloma. Stem Cell Research and Therapy, 2013, 4, 144.	5.5	1
67	Effect of Different Irradiation Times on the Occlusion of Dentinal Tubules When Using a Nd:YAG Laser: An <i>in Vitro</i> SEM Study. Open Journal of Stomatology, 2015, 05, 72-79.	0.4	1
68	Signaling Pathways in Dental Stem Cells During Their Maintenance and Differentiation. Pancreatic Islet Biology, 2016, , 69-92.	0.3	0