

# Jinhua Yu

## List of Publications by Year in descending order

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68  
papers

2,491  
citations

185998

28  
h-index

205818

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. <i>Nature Cell Biology</i> , 2009, 11, 1002-1009.	4.6	231
2	Odontogenic capability: bone marrow stromal stem cells versus dental pulp stem cells. <i>Biology of the Cell</i> , 2007, 99, 465-474.	0.7	184
3	Differentiation potential of STRO-1+ dental pulp stem cells changes during cell passaging. <i>BMC Cell Biology</i> , 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. <i>Tissue Engineering</i> , 2006, 12, 3097-3105.	4.9	133
5	Effects of FGF2 and TGF $\beta$ 1 on the differentiation of human dental pulp stem cells <i>in vitro</i> . <i>Cell Biology International</i> , 2008, 32, 827-834.	1.4	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. <i>Histochemistry and Cell Biology</i> , 2012, 137, 513-525.	0.8	119
7	Insulin-like growth factor 1 can promote the osteogenic differentiation and osteogenesis of stem cells from apical papilla. <i>Stem Cell Research</i> , 2012, 8, 346-356.	0.3	110
8	Instrument Separation Analysis of Multi-used ProTaper Universal Rotary System during Root Canal Therapy. <i>Journal of Endodontics</i> , 2011, 37, 758-763.	1.4	83
9	Insulin-like growth factor 1 promotes the proliferation and committed differentiation of human dental pulp stem cells through MAPK pathways. <i>Archives of Oral Biology</i> , 2016, 72, 116-123.	0.8	59
10	A Journey from Dental Pulp Stem Cells to a Bio-tooth. <i>Stem Cell Reviews and Reports</i> , 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. <i>Cell Death and Disease</i> , 2019, 10, 130.	2.7	51
12	Estrogen deficiency inhibits the odonto/osteogenic differentiation of dental pulp stem cells via activation of the NF- $\kappa$ B pathway. <i>Cell and Tissue Research</i> , 2013, 352, 551-559.	1.5	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. <i>Journal of Endodontics</i> , 2014, 40, 640-647.	1.4	47
14	Biocompatibility and Osteogenic Capacity of Periodontal Ligament Stem Cells on nHAC/PLA and HA/TCP Scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 179-194.	1.9	45
15	Dentin non-collagenous proteins (dNCPs) can stimulate dental follicle cells to differentiate into cementoblast lineages. <i>Biology of the Cell</i> , 2008, 100, 291-302.	0.7	43
16	17beta-estradiol promotes the odonto/osteogenic differentiation of stem cells from apical papilla via mitogen-activated protein kinase pathway. <i>Stem Cell Research and Therapy</i> , 2014, 5, 125.	2.4	41
17	Mixture of Fibroblasts and Adipose Tissue-Derived Stem Cells Can Improve Epidermal Morphogenesis of Tissue-Engineered Skin. <i>Cells Tissues Organs</i> , 2012, 195, 197-206.	1.3	40
18	Current Approaches and Challenges in Making a Bio-Tooth. <i>Tissue Engineering - Part B: Reviews</i> , 2008, 14, 307-319.	2.5	39

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19	Analysis of Differentiation Potentials and Gene Expression Profiles of Mesenchymal Stem Cells Derived from Periodontal Ligament and Wharton's Jelly of the Umbilical Cord. <i>Cells Tissues Organs</i> , 2013, 197, 209-223.	1.3	39
20	Effects of Canonical NF- $\kappa$ B Signaling Pathway on the Proliferation and Odonto/Osteogenic Differentiation of Human Stem Cells from Apical Papilla. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	39
21	IGF-1/IGF-1R/hsa-let-7c axis regulates the committed differentiation of stem cells from apical papilla. <i>Scientific Reports</i> , 2016, 6, 36922.	1.6	36
22	iRoot BP Plus promotes osteo/odontogenic differentiation of bone marrow mesenchymal stem cells via MAPK pathways and autophagy. <i>Stem Cell Research and Therapy</i> , 2019, 10, 222.	2.4	36
23	MicroRNA hsa-let-7b suppresses the odonto/osteogenic differentiation capacity of stem cells from apical papilla by targeting MMP1. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6545-6554.	1.2	35
24	Three polymorphisms in interleukin-1 $\beta$ gene and risk for breast cancer: a meta-analysis. <i>Breast Cancer Research and Treatment</i> , 2010, 124, 821-825.	1.1	34
25	Mineral trioxide aggregate enhances the osteogenic capacity of periodontal ligament stem cells via NF- $\kappa$ B and MAPK signaling pathways. <i>Journal of Cellular Physiology</i> , 2018, 233, 2386-2397.	2.0	33
26	Mechanical Stress Stimulates the Osteo/Odontoblastic Differentiation of Human Stem Cells from Apical Papilla via ERK 1/2 and JNK MAPK Pathways. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	32
27	Thermal and Morphological Effects of the Pulsed Nd:YAG Laser on Root Canal Surfaces. <i>Photomedicine and Laser Surgery</i> , 2009, 27, 235-240.	2.1	31
28	Parathyroid hormone enhances the osteo/odontogenic differentiation of dental pulp stem cells via ERK and P38 MAPK pathways. <i>Journal of Cellular Physiology</i> , 2020, 235, 1209-1221.	2.0	31
29	Dentinogenic capacity: immature root papilla stem cells versus mature root pulp stem cells. <i>Biology of the Cell</i> , 2011, 103, 185-196.	0.7	30
30	Circular RNA SIPA1L1 regulates osteoblastic differentiation of stem cells from apical papilla via miR-204-5p/ALPL pathway. <i>Stem Cell Research and Therapy</i> , 2020, 11, 461.	2.4	29
31	The effect of platform switching on stress distribution in implants and periimplant bone studied by nonlinear finite element analysis. <i>Journal of Prosthetic Dentistry</i> , 2014, 112, 1111-1118.	1.1	28
32	Circular RNA SIPA1L1 promotes osteogenesis via regulating the miR-617/Smad3 axis in dental pulp stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 364.	2.4	26
33	Dental pulp stem cells from traumatically exposed pulps exhibited an enhanced osteogenic potential and weakened odontogenic capacity. <i>Archives of Oral Biology</i> , 2013, 58, 1709-1717.	0.8	25
34	Plants and Their Bioactive Constituents in Mesenchymal Stem Cell-Based Periodontal Regeneration: A Novel Prospective. <i>BioMed Research International</i> , 2018, 2018, 1-15.	0.9	23
35	Oestrogen receptor $\alpha$ regulates the odonto/osteogenic differentiation of stem cells from apical papilla via ERK and JNK MAPK pathways. <i>Cell Proliferation</i> , 2018, 51, e12485.	2.4	23
36	Differentiation of BMSCs into odontoblast-like cells induced by natural dentine matrix. <i>Archives of Oral Biology</i> , 2013, 58, 862-870.	0.8	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. <i>Stem Cells International</i> , 2019, 2019, 1-13.	1.2	21
38	Dentin matrix proteins (DMPs) enhance differentiation of BMMSCs via ERK and P38 MAPK pathways. <i>Cell and Tissue Research</i> , 2014, 356, 171-182.	1.5	20
39	Remineralization of dentin slices using casein phosphopeptide-amorphous calcium phosphate combined with sodium tripolyphosphate. <i>BioMedical Engineering OnLine</i> , 2020, 19, 18.	1.3	20
40	Cementum and Periodontal Ligament-like Tissue Formation Induced Using Bioengineered Dentin. <i>Tissue Engineering - Part A</i> , 2008, 14, 1731-1742.	1.6	19
41	Estrogen deficiency reduces the dentinogenic capacity of rat lower incisors. <i>Journal of Molecular Histology</i> , 2014, 45, 11-19.	1.0	18
42	MiR-141-3p regulates proliferation and senescence of stem cells from apical papilla by targeting YAP. <i>Experimental Cell Research</i> , 2019, 383, 111562.	1.2	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. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 604400.	1.8	18
44	Differential circular RNA expression profiling during osteogenic differentiation of stem cells from apical papilla. <i>Epigenomics</i> , 2019, 11, 1057-1073.	1.0	17
45	Sodium fluoride regulates the osteo/odontogenic differentiation of stem cells from apical papilla by modulating autophagy. <i>Journal of Cellular Physiology</i> , 2019, 234, 16114-16124.	2.0	17
46	Upregulated LOX and increased collagen content associated with aggressive clinicopathological features and unfavorable outcome in oral squamous cell carcinoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 14348-14359.	1.2	16
47	CircRNA FAT1 Regulates Osteoblastic Differentiation of Periodontal Ligament Stem Cells via miR-4781-3p/SMAD5 Pathway. <i>Stem Cells International</i> , 2021, 2021, 1-16.	1.2	15
48	10 <sup>-7</sup> M 17 $\beta$ -estradiol enhances odonto/osteogenic potency of human dental pulp stem cells by activation of the NF- $\kappa$ B pathway. <i>Cell Proliferation</i> , 2013, 46, 677-684.	2.4	14
49	Establishment and Characterization of Calcyclin Binding Protein (CacyBP) Monoclonal Antibody. <i>Hybridoma</i> , 2006, 25, 91-94.	0.5	11
50	CCND1 G870A polymorphism and risk for head and neck cancer: a meta-analysis. <i>Medical Oncology</i> , 2011, 28, 1319-1324.	1.2	11
51	Potassium dihydrogen phosphate promotes the proliferation and differentiation of human periodontal ligament stem cells via nuclear factor kappa B pathway. <i>Experimental Cell Research</i> , 2019, 384, 111593.	1.2	11
52	Hyperoside ameliorates periodontitis in rats by promoting osteogenic differentiation of BMSCs via activation of the NF- $\kappa$ B pathway. <i>FEBS Open Bio</i> , 2020, 10, 1843-1855.	1.0	11
53	Extracellular IL-37 promotes osteogenic and odontogenic differentiation of human dental pulp stem cells via autophagy. <i>Experimental Cell Research</i> , 2021, 407, 112780.	1.2	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. <i>Journal of Translational Medicine</i> , 2022, 20, 208.	1.8	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.	0.9	8
56	iRoot SP Promotes Osteo/Odontogenesis of Bone Marrow Mesenchymal Stem Cells via Activation of NF-ÎB and MAPK Signaling Pathways. Stem Cells International, 2020, 2020, 1-15.	1.2	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.	1.2	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.	0.9	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.	1.2	5
60	CTPâ€CM enhances osteogenic differentiation of hPDLSCs <i>via</i> NFâ€B pathway. Oral Diseases, 2021, 27, 577-588.	1.5	5
61	Integrative Analysis of ceRNA Networks in human periodontal ligament stem cells under hypoxia. Oral Diseases, 2023, 29, 1197-1213.	1.5	4
62	Estrogen-mediated dental tissue regeneration. Histology and Histopathology, 2016, 31, 1281-9.	0.5	4
63	Dental Pulp Stem Cell Niche. Pancreatic Islet Biology, 2015, , 163-189.	0.1	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.	1.2	3
65	PD-1 Suppresses the Osteogenic and Odontogenic Differentiation of Stem Cells from Dental Apical Papilla via Targeting SHP2/NF-ÎB Axis. Stem Cells, 2022, 40, 763-777.	1.4	3
66	A new hope for patients suffering from multiple myeloma. Stem Cell Research and Therapy, 2013, 4, 144.	2.4	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.	0.1	1
68	Signaling Pathways in Dental Stem Cells During Their Maintenance and Differentiation. Pancreatic Islet Biology, 2016, , 69-92.	0.1	0