

# Jinhua Yu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

1,916

citations

25

h-index

42

g-index

75

ext. papers

2,189

ext. citations

4.7

avg, IF

4.49

L-index

#	Paper	IF	Citations
66	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> , <b>2022</b> , 20, 208	8.5	1
65	CTP-CM enhances osteogenic differentiation of hPDLSCs via NF- $\kappa$ B pathway. <i>Oral Diseases</i> , <b>2021</b> , 27, 577-588	3.5	2
64	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> , <b>2021</b> , 9, 604400	5.7	6
63	Extracellular IL-37 promotes osteogenic and odontogenic differentiation of human dental pulp stem cells via autophagy. <i>Experimental Cell Research</i> , <b>2021</b> , 407, 112780	4.2	1
62	CircRNA FAT1 Regulates Osteoblastic Differentiation of Periodontal Ligament Stem Cells via miR-4781-3p/SMAD5 Pathway.. <i>Stem Cells International</i> , <b>2021</b> , 2021, 5177488	5	4
61	MicroRNA Regulates the Osteogenic Differentiation of Human Periodontal Ligament Stem Cells by Targeting CTHRC1.. <i>Stem Cells International</i> , <b>2021</b> , 2021, 5791181	5	2
60	Dentin-Derived Inorganic Minerals Promote the Osteogenesis of Bone Marrow-Derived Mesenchymal Stem Cells: Potential Applications for Bone Regeneration. <i>Stem Cells International</i> , <b>2020</b> , 2020, 8889731	5	1
59	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> , <b>2020</b> , 11, 461	8.3	9
58	Intermittent Administration of Parathyroid Hormone Enhances Odonto/Osteogenic Differentiation of Stem Cells from the Apical Papilla via JNK and P38 MAPK Pathways. <i>Stem Cells International</i> , <b>2020</b> , 2020, 5128128	5	4
57	Remineralization of dentin slices using casein phosphopeptide-amorphous calcium phosphate combined with sodium tripolyphosphate. <i>BioMedical Engineering OnLine</i> , <b>2020</b> , 19, 18	4.1	6
56	iRoot SP Promotes Osteo/Odontogenesis of Bone Marrow Mesenchymal Stem Cells via Activation of NF- $\kappa$ B and MAPK Signaling Pathways. <i>Stem Cells International</i> , <b>2020</b> , 2020, 6673467	5	0
55	Hyperoside ameliorates periodontitis in rats by promoting osteogenic differentiation of BMSCs via activation of the NF- $\kappa$ B pathway. <i>FEBS Open Bio</i> , <b>2020</b> , 10, 1843-1855	2.7	5
54	Circular RNA SIPA1L1 promotes osteogenesis via regulating the miR-617/Smad3 axis in dental pulp stem cells. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 364	8.3	11
53	Parathyroid hormone enhances the osteo/odontogenic differentiation of dental pulp stem cells via ERK and P38 MAPK pathways. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 1209-1221	7	21
52	MiR-141-3p regulates proliferation and senescence of stem cells from apical papilla by targeting YAP. <i>Experimental Cell Research</i> , <b>2019</b> , 383, 111562	4.2	12
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> , <b>2019</b> , 384, 111593	4.2	4
50	Differential circular RNA expression profiling during osteogenic differentiation of stem cells from apical papilla. <i>Epigenomics</i> , <b>2019</b> , 11, 1057-1073	4.4	11

49	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> , <b>2019</b> , 120, 14348-14359	4.7	8
48	Yunnan Baiyao Conditioned Medium Promotes the Odonto/Osteogenic Capacity of Stem Cells from Apical Papilla via Nuclear Factor Kappa B Signaling Pathway. <i>BioMed Research International</i> , <b>2019</b> , 2019, 9327386	3	5
47	High Glucose Enhances the Odonto/Osteogenic Differentiation of Stem Cells from Apical Papilla via NF-KappaB Signaling Pathway. <i>BioMed Research International</i> , <b>2019</b> , 2019, 5068258	3	6
46	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> , <b>2019</b> , 2019, 4793518	5	14
45	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> , <b>2019</b> , 10, 222	8.3	17
44	LncRNA H19 promotes the committed differentiation of stem cells from apical papilla via miR-141/SPAG9 pathway. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 130	9.8	33
43	Sodium fluoride regulates the osteo/odontogenic differentiation of stem cells from apical papilla by modulating autophagy. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 16114	7	12
42	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> , <b>2018</b> , 119, 6545-6554	4.7	26
41	Mineral trioxide aggregate enhances the osteogenic capacity of periodontal ligament stem cells via NF-B and MAPK signaling pathways. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 233, 2386-2397	7	24
40	Plants and Their Bioactive Constituents in Mesenchymal Stem Cell-Based Periodontal Regeneration: A Novel Prospective. <i>BioMed Research International</i> , <b>2018</b> , 2018, 7571363	3	13
39	Oestrogen receptor $\beta$ regulates the odonto/osteogenic differentiation of stem cells from apical papilla via ERK and JNK MAPK pathways. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12485	7.9	18
38	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> , <b>2016</b> , 72, 116-123	2.8	48
37	IGF-1/IGF-1R/hsa-let-7c axis regulates the committed differentiation of stem cells from apical papilla. <i>Scientific Reports</i> , <b>2016</b> , 6, 36922	4.9	27
36	Signaling Pathways in Dental Stem Cells During Their Maintenance and Differentiation. <i>Pancreatic Islet Biology</i> , <b>2016</b> , 69-92	0.4	
35	Estrogen-mediated dental tissue regeneration. <i>Histology and Histopathology</i> , <b>2016</b> , 31, 1281-9	1.4	4
34	Dental Pulp Stem Cell Niche. <i>Pancreatic Islet Biology</i> , <b>2015</b> , 163-189	0.4	2
33	Effect of Different Irradiation Times on the Occlusion of Dentinal Tubules When Using a Nd:YAG Laser: An $\text{in Vitro}$ SEM Study. <i>Open Journal of Stomatology</i> , <b>2015</b> , 05, 72-79	0.2	1
32	Dentin matrix proteins (DMPs) enhance differentiation of BMMSCs via ERK and P38 MAPK pathways. <i>Cell and Tissue Research</i> , <b>2014</b> , 356, 171-82	4.2	19

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> , <b>2014</b> , 112, 1111-8	4	22
30	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> , <b>2014</b> , 5, 125	8.3	36
29	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> , <b>2014</b> , 2014, 494378	3	26
28	Effects of canonical NF-B signaling pathway on the proliferation and odonto/osteogenic differentiation of human stem cells from apical papilla. <i>BioMed Research International</i> , <b>2014</b> , 2014, 319631	3.1	32
27	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> , <b>2014</b> , 40, 640-7	4.7	34
26	Estrogen deficiency reduces the dentinogenic capacity of rat lower incisors. <i>Journal of Molecular Histology</i> , <b>2014</b> , 45, 11-9	3.3	15
25	Estrogen deficiency inhibits the odonto/osteogenic differentiation of dental pulp stem cells via activation of the NF-B pathway. <i>Cell and Tissue Research</i> , <b>2013</b> , 352, 551-9	4.2	45
24	A new hope for patients suffering from multiple myeloma. <i>Stem Cell Research and Therapy</i> , <b>2013</b> , 4, 144	8.3	0
23	Differentiation of BMSCs into odontoblast-like cells induced by natural dentine matrix. <i>Archives of Oral Biology</i> , <b>2013</b> , 58, 862-70	2.8	19
22	Dental pulp stem cells from traumatically exposed pulps exhibited an enhanced osteogenic potential and weakened odontogenic capacity. <i>Archives of Oral Biology</i> , <b>2013</b> , 58, 1709-17	2.8	20
21	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> , <b>2013</b> , 197, 209-23	2.1	33
20	10(-7) M 17Estradiol enhances odonto/osteogenic potency of human dental pulp stem cells by activation of the NF-B pathway. <i>Cell Proliferation</i> , <b>2013</b> , 46, 677-84	7.9	11
19	Insulin-like growth factor 1 can promote the osteogenic differentiation and osteogenesis of stem cells from apical papilla. <i>Stem Cell Research</i> , <b>2012</b> , 8, 346-56	1.6	96
18	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> , <b>2012</b> , 137, 513-25	2.4	100
17	Mixture of fibroblasts and adipose tissue-derived stem cells can improve epidermal morphogenesis of tissue-engineered skin. <i>Cells Tissues Organs</i> , <b>2012</b> , 195, 197-206	2.1	31
16	Instrument separation analysis of multi-used ProTaper Universal rotary system during root canal therapy. <i>Journal of Endodontics</i> , <b>2011</b> , 37, 758-63	4.7	64
15	Dentinogenic capacity: immature root papilla stem cells versus mature root pulp stem cells. <i>Biology of the Cell</i> , <b>2011</b> , 103, 185-96	3.5	23
14	A journey from dental pulp stem cells to a bio-tooth. <i>Stem Cell Reviews and Reports</i> , <b>2011</b> , 7, 161-71	6.4	43

13	CCND1 G870A polymorphism and risk for head and neck cancer: a meta-analysis. <i>Medical Oncology</i> , <b>2011</b> , 28, 1319-24	3.7	9
12	Biocompatibility and Osteogenic Capacity of Periodontal Ligament Stem Cells on nHAC/PLA and HA/TCP Scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2011</b> , 22, 179-94	3.5	35
11	Three polymorphisms in interleukin-1 $\beta$ gene and risk for breast cancer: a meta-analysis. <i>Breast Cancer Research and Treatment</i> , <b>2010</b> , 124, 821-5	4.4	28
10	Differentiation potential of STRO-1+ dental pulp stem cells changes during cell passaging. <i>BMC Cell Biology</i> , <b>2010</b> , 11, 32		130
9	Thermal and morphological effects of the pulsed Nd:YAG laser on root canal surfaces. <i>Photomedicine and Laser Surgery</i> , <b>2009</b> , 27, 235-40		28
8	BCOR regulates mesenchymal stem cell function by epigenetic mechanisms. <i>Nature Cell Biology</i> , <b>2009</b> , 11, 1002-9	23.4	187
7	Dentin non-collagenous proteins (dNCPS) can stimulate dental follicle cells to differentiate into cementoblast lineages. <i>Biology of the Cell</i> , <b>2008</b> , 100, 291-302	3.5	36
6	Current approaches and challenges in making a bio-tooth. <i>Tissue Engineering - Part B: Reviews</i> , <b>2008</b> , 14, 307-19	7.9	31
5	Cementum and periodontal ligament-like tissue formation induced using bioengineered dentin. <i>Tissue Engineering - Part A</i> , <b>2008</b> , 14, 1731-42	3.9	17
4	Effects of FGF2 and TGFbeta1 on the differentiation of human dental pulp stem cells in vitro. <i>Cell Biology International</i> , <b>2008</b> , 32, 827-34	4.5	98
3	Odontogenic capability: bone marrow stromal stem cells versus dental pulp stem cells. <i>Biology of the Cell</i> , <b>2007</b> , 99, 465-74	3.5	157
2	Establishment and characterization of calcylin binding protein (CacyBP) monoclonal antibody. <i>Hybridoma</i> , <b>2006</b> , 25, 91-4		11
1	Differentiation of dental pulp stem cells into regular-shaped dentin-pulp complex induced by tooth germ cell conditioned medium. <i>Tissue Engineering</i> , <b>2006</b> , 12, 3097-105		122