

Pi-Shan Yang

List of Publications by Year in descending order

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58
papers

1,778
citations

279701

23
h-index

302012

39
g-index

63
all docs

63
docs citations

63
times ranked

2432
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of induced pluripotent stem (iPS) cells in periodontal tissue regeneration. <i>Journal of Cellular Physiology</i> , 2011, 226, 150-157.	2.0	175
2	Gingiva-Derived Mesenchymal Stem Cell-Mediated Therapeutic Approach for Bone Tissue Regeneration. <i>Stem Cells and Development</i> , 2011, 20, 2093-2102.	1.1	144
3	Progranulin inhibits LPS-induced macrophage M1 polarization via NF- κ B and MAPK pathways. <i>BMC Immunology</i> , 2020, 21, 32.	0.9	128
4	Roles of SATB2 in Osteogenic Differentiation and Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2011, 17, 1767-1776.	1.6	85
5	Stromal Cell-Derived Factor Significantly Induces Proliferation, Migration, and Collagen Type I Expression in a Human Periodontal Ligament Stem Cell Subpopulation. <i>Journal of Periodontology</i> , 2012, 83, 379-388.	1.7	75
6	Enhancement of periodontal tissue regeneration by conditioned media from gingiva-derived or periodontal ligament-derived mesenchymal stem cells: a comparative study in rats. <i>Stem Cell Research and Therapy</i> , 2020, 11, 42.	2.4	71
7	Human Gingiva-Derived Mesenchymal Stromal Cells Contribute to Periodontal Regeneration in Beagle Dogs. <i>Cells Tissues Organs</i> , 2013, 198, 428-437.	1.3	60
8	Local administration of stromal cell-derived factor-1 promotes stem cell recruitment and bone regeneration in a rat periodontal bone defect model. <i>Materials Science and Engineering C</i> , 2015, 53, 83-94.	3.8	59
9	Alteration of salivary microbiome in periodontitis with or without type-2 diabetes mellitus and metformin treatment. <i>Scientific Reports</i> , 2020, 10, 15363.	1.6	46
10	Coinfection with <i>Fusobacterium nucleatum</i> can enhance the attachment and invasion of <i>Porphyromonas gingivalis</i> or <i>Aggregatibacter actinomycetemcomitans</i> to human gingival epithelial cells. <i>Archives of Oral Biology</i> , 2015, 60, 1387-1393.	0.8	45
11	Systemically transplanted bone marrow stromal cells contributing to bone tissue regeneration. <i>Journal of Cellular Physiology</i> , 2008, 215, 204-209.	2.0	40
12	Acellular dermal matrix loading with bFGF achieves similar acceleration of bone regeneration to BMP-2 via differential effects on recruitment, proliferation and sustained osteodifferentiation of mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2017, 70, 62-70.	3.8	38
13	Haploinsufficiency of <i>Runx2</i> results in bone formation decrease and different BSP expression pattern changes in two transgenic mouse models. <i>Journal of Cellular Physiology</i> , 2008, 217, 40-47.	2.0	36
14	<i>Cbfa1/Runx2</i> -deficiency delays bone wound healing and locally delivered <i>Cbfa1/Runx2</i> promotes bone repair in animal models. <i>Wound Repair and Regeneration</i> , 2007, 15, 404-412.	1.5	35
15	Conditioned medium derived from FGF-2-modified GMSCs enhances migration and angiogenesis of human umbilical vein endothelial cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 68.	2.4	35
16	Systemically transplanted human gingiva-derived mesenchymal stem cells contributing to bone tissue regeneration. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 4922-9.	0.5	34
17	Growth of ZIF-8 Nanoparticles <i>In Situ</i> on Graphene Oxide Nanosheets: A Multifunctional Nanoplatform for Combined Ion-Interference and Photothermal Therapy. <i>ACS Nano</i> , 2022, 16, 11428-11443.	7.3	33
18	Isolation and characterization of human gingiva-derived mesenchymal stem cells using limiting dilution method. <i>Journal of Dental Sciences</i> , 2016, 11, 304-314.	1.2	31

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19	Tumor necrosis factor α inhibits osteogenic differentiation of pre ω steoblasts by downregulation of EphB4 signaling via activated nuclear factor κ B signaling pathway. <i>Journal of Periodontal Research</i> , 2018, 53, 66-72.	1.4	30
20	The Promotional Effect of Mesenchymal Stem Cell Homing on Bone Tissue Regeneration. <i>Current Stem Cell Research and Therapy</i> , 2017, 12, 365-376.	0.6	30
21	A Pilot Study Evaluating the Effect of Recombinant Human Bone Morphogenetic Protein ω 2 and Recombinant Human Beta ω Nerve Growth Factor on the Healing of Class III Furcation Defects in Dogs. <i>Journal of Periodontology</i> , 2010, 81, 1289-1298.	1.7	28
22	The role of small molecules in bone regeneration. <i>Future Medicinal Chemistry</i> , 2013, 5, 1671-1684.	1.1	28
23	The growth inhibitory effect of human gingiva-derived mesenchymal stromal cells expressing interferon- ω 2 on tongue squamous cell carcinoma cells and xenograft model. <i>Stem Cell Research and Therapy</i> , 2019, 10, 224.	2.4	27
24	CXCL12 overexpression promotes the angiogenesis potential of periodontal ligament stem cells. <i>Scientific Reports</i> , 2017, 7, 10286.	1.6	24
25	Low concentrations of ω TNF ω promote osteogenic differentiation <i>via</i> activation of the ephrinB2 ω EphB4 signalling pathway. <i>Cell Proliferation</i> , 2017, 50, .	2.4	24
26	CD24 activates the NLRP3 inflammasome through ω Src kinase activity in a model of the lining epithelium of inflamed periodontal tissues. <i>Immunity, Inflammation and Disease</i> , 2014, 2, 239-253.	1.3	22
27	Platelet-rich plasma enhanced umbilical cord mesenchymal stem cells-based bone tissue regeneration. <i>Archives of Oral Biology</i> , 2014, 59, 1146-1154.	0.8	21
28	The differential effect of basic fibroblast growth factor and stromal cell ω derived factor ω 1 pretreatment on bone marrow mesenchymal stem cells osteogenic differentiation potency. <i>Molecular Medicine Reports</i> , 2017, 17, 3715-3721.	1.1	20
29	Expression and localization of Nell-1 during murine molar development. <i>Journal of Molecular Histology</i> , 2013, 44, 175-181.	1.0	18
30	Effects of hydroxyapatite nanostructure on channel surface of porcine acellular dermal matrix scaffold on cell viability and osteogenic differentiation of human periodontal ligament stem cells. <i>International Journal of Nanomedicine</i> , 2013, 8, 1887.	3.3	18
31	Chaetocin inhibits RANKL-induced osteoclast differentiation through reduction of Blimp1 in Raw264.7 cells. <i>Life Sciences</i> , 2015, 143, 1-7.	2.0	18
32	The biological behavior optimization of human periodontal ligament stem cells via preconditioning by the combined application of fibroblast growth factor-2 and A83-01 in in vitro culture expansion. <i>Journal of Translational Medicine</i> , 2019, 17, 66.	1.8	18
33	Systemic BMSC homing in the regeneration of pulp-like tissue and the enhancing effect of stromal cell-derived factor-1 on BMSC homing. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 10261-71.	0.5	18
34	FHL2 mediates tooth development and human dental pulp cell differentiation into odontoblasts, partially by interacting with Runx2. <i>Journal of Molecular Histology</i> , 2016, 47, 195-202.	1.0	17
35	Progranulin promotes osteogenic differentiation of human periodontal ligament stem cells via tumor necrosis factor receptors to inhibit TNF ω sensitized NF ω KB and activate ERK/JNK signaling. <i>Journal of Periodontal Research</i> , 2020, 55, 363-373.	1.4	17
36	Induced Pluripotent Stem Cells and Periodontal Regeneration. <i>Current Oral Health Reports</i> , 2015, 2, 257-265.	0.5	16

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37	Osteoblast Progenitors Enhance Osteogenic Differentiation of Periodontal Ligament Stem Cells. <i>Journal of Periodontology</i> , 2017, 88, e159-e168.	1.7	16
38	Progranulin Promotes Regeneration of Inflammatory Periodontal Bone Defect in Rats via Anti-inflammation, Osteoclastogenic Inhibition, and Osteogenic Promotion. <i>Inflammation</i> , 2019, 42, 221-234.	1.7	16
39	Co-culture with periodontal ligament stem cells enhanced osteoblastic differentiation of MC3T3-E1 cells and osteoclastic differentiation of RAW264.7 cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 14596-607.	0.5	16
40	The expression pattern of FHL2 during mouse molar development. <i>Journal of Molecular Histology</i> , 2012, 43, 289-295.	1.0	15
41	Hyperlipidemia compromises homing efficiency of systemically transplanted BMSCs and inhibits bone regeneration. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 1580-7.	0.5	15
42	M1 Macrophages Enhance Survival and Invasion of Oral Squamous Cell Carcinoma by Inducing GDF15-Mediated ErbB2 Phosphorylation. <i>ACS Omega</i> , 2022, 7, 11405-11414.	1.6	14
43	Periodontitis May Restrain the Mandibular Bone Healing via Disturbing Osteogenic and Osteoclastic Balance. <i>Inflammation</i> , 2018, 41, 972-983.	1.7	13
44	Inhibition of Runx2 signaling by TNF- α in ST2 murine bone marrow stromal cells undergoing osteogenic differentiation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 1026-1033.	0.7	12
45	C-reactive protein is associated with the development of tongue squamous cell carcinoma. <i>Acta Biochimica Et Biophysica Sinica</i> , 2018, 50, 238-245.	0.9	12
46	The In Vitro and In Vivo Osteogenic Capability of the Extraction Socket-Derived Early Healing Tissue. <i>Journal of Periodontology</i> , 2016, 87, 1057-1066.	1.7	10
47	Progranulin is highly expressed in patients with chronic periodontitis and protects against experimental periodontitis in rats. <i>Journal of Periodontology</i> , 2018, 89, 1418-1427.	1.7	10
48	EphB4/ TNFR2/ERK/MAPK signaling pathway comprises a signaling axis to mediate the positive effect of TNF- α on osteogenic differentiation. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 29.	1.0	10
49	Disturbed Expression of EphB4, but Not EphrinB2, Inhibited Bone Regeneration in an In Vivo Inflammatory Microenvironment. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	1.4	9
50	Proanthocyanidins Promote Osteogenic Differentiation of Human Periodontal Ligament Fibroblasts in Inflammatory Environment Via Suppressing NF- κ B Signal Pathway. <i>Inflammation</i> , 2020, 43, 892-902.	1.7	9
51	Hyperlipidemia induced by high-fat diet enhances dentin formation and delays dentin mineralization in mouse incisor. <i>Journal of Molecular Histology</i> , 2016, 47, 467-474.	1.0	8
52	Effect of umbilical cord mesenchymal stem cell in peri-implant bone defect after immediate implant: an experiment study in beagle dogs. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 8271-8.	0.5	8
53	Immunohistochemical localization of four and a half LIM domains 2 in the odontoblasts of mature human teeth. <i>Journal of Molecular Histology</i> , 2011, 42, 97-103.	1.0	5
54	Synthesis and Discovery of Novel Pyrazole Carboxamide Derivatives as Potential Osteogenesis Inducers. <i>Archiv Der Pharmazie</i> , 2012, 345, 870-877.	2.1	4

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55	Osteopromotive activity of a novel pyrazole carboxamide derivative. <i>Future Medicinal Chemistry</i> , 2013, 5, 125-134.	1.1	4
56	Effect of umbilical cord mesenchymal stem cell in peri-implant bone defect after immediate implant: an experiment study in beagle dogs. <i>International Journal of Clinical and Experimental Medicine</i> , 2014, 7, 4131-8.	1.3	4
57	The Possible Effect of an Accessory Root-Like Structure on Periodontitis: A Clinical and Histologic Case Report. <i>Clinical Advances in Periodontics</i> , 2013, 3, 33-38.	0.4	2
58	Alveolar ridge preservation with fibroblast growth factor-2 modified acellular dermal matrix membrane and a bovine-derived xenograft: An experimental in vivo study. <i>Clinical Oral Implants Research</i> , 2021, 32, 808-817.	1.9	2