

Qisheng Tu

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,824
citations

147801

31
h-index

197818

49
g-index

53
all docs

53
docs citations

53
times ranked

3565
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of miR-335-5p in modulating osteogenic differentiation by specifically downregulating Wnt antagonist DKK1. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1953-1963.	2.8	257
2	Application of induced pluripotent stem (iPS) cells in periodontal tissue regeneration. <i>Journal of Cellular Physiology</i> , 2011, 226, 150-157.	4.1	175
3	Critical-size calvarial bone defects healing in a mouse model with silk scaffolds and SATB2-modified iPSCs. <i>Biomaterials</i> , 2011, 32, 5065-5076.	11.4	148
4	Rescue of the skeletal phenotype in CasR-deficient mice by transfer onto the Gcm2 null background. <i>Journal of Clinical Investigation</i> , 2003, 111, 1029-1037.	8.2	138
5	BET Inhibitor JQ1 Blocks Inflammation and Bone Destruction. <i>Journal of Dental Research</i> , 2014, 93, 657-662.	5.2	126
6	Exercise-induced irisin in bone and systemic irisin administration reveal new regulatory mechanisms of bone metabolism. <i>Bone Research</i> , 2017, 5, 16056.	11.4	126
7	Osterix enhances proliferation and osteogenic potential of bone marrow stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 1257-1265.	2.1	121
8	Adiponectin Inhibits Osteoclastogenesis and Bone Resorption via APPL1-mediated Suppression of Akt1. <i>Journal of Biological Chemistry</i> , 2011, 286, 12542-12553.	3.4	100
9	Osterix Overexpression in Mesenchymal Stem Cells Stimulates Healing of Critical-Sized Defects in Murine Calvarial Bone. <i>Tissue Engineering</i> , 2007, 13, 2431-2440.	4.6	99
10	Rickets in Cation-Sensing Receptor-Deficient Mice: An Unexpected Skeletal Phenotype. <i>Endocrinology</i> , 2001, 142, 3996-4005.	2.8	96
11	Calcium-Sensing Receptor Activation of Rho Involves Filamin and Rho-Guanine Nucleotide Exchange Factor. <i>Endocrinology</i> , 2002, 143, 3830-3838.	2.8	95
12	Overexpression of MiR-335-5p Promotes Bone Formation and Regeneration in Mice. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2466-2475.	2.8	92
13	Roles of SATB2 in Osteogenic Differentiation and Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2011, 17, 1767-1776.	3.1	85
14	Overexpression of Phex in Osteoblasts Fails to Rescue the Hyp Mouse Phenotype. <i>Journal of Biological Chemistry</i> , 2002, 277, 3686-3697.	3.4	83
15	BSP and RANKL Induce Osteoclastogenesis and Bone Resorption Synergistically. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1669-1679.	2.8	67
16	Rescue of the skeletal phenotype in CasR-deficient mice by transfer onto the Gcm2 null background. <i>Journal of Clinical Investigation</i> , 2003, 111, 1029-1037.	8.2	67
17	Adiponectin Regulates Bone Marrow Mesenchymal Stem Cell Niche Through a Unique Signal Transduction Pathway: An Approach for Treating Bone Disease in Diabetes. <i>Stem Cells</i> , 2015, 33, 240-252.	3.2	65
18	Expression of Osterix in mechanical stress-induced osteogenic differentiation of periodontal ligament cells <i>in vitro</i> . <i>European Journal of Oral Sciences</i> , 2008, 116, 199-206.	1.5	58

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19	Osterix Enhances BMSC-associated Osseointegration of Implants. <i>Journal of Dental Research</i> , 2009, 88, 1003-1007.	5.2	53
20	Central adiponectin administration reveals new regulatory mechanisms of bone metabolism in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1418-E1430.	3.5	51
21	Overexpression of Bone Sialoprotein Leads to an Uncoupling of Bone Formation and Bone Resorption in Mice. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1775-1788.	2.8	46
22	A novel Lipidoid-MicroRNA formulation promotes calvarial bone regeneration. <i>Biomaterials</i> , 2018, 177, 88-97.	11.4	46
23	Runx2/DICER/miRNA Pathway in Regulating Osteogenesis. <i>Journal of Cellular Physiology</i> , 2017, 232, 182-191.	4.1	45
24	Sustained release of adiponectin improves osteogenesis around hydroxyapatite implants by suppressing osteoclast activity in ovariectomized rabbits. <i>Acta Biomaterialia</i> , 2012, 8, 734-743.	8.3	44
25	Irisin deficiency disturbs bone metabolism. <i>Journal of Cellular Physiology</i> , 2021, 236, 664-676.	4.1	43
26	Systemically transplanted bone marrow stromal cells contributing to bone tissue regeneration. <i>Journal of Cellular Physiology</i> , 2008, 215, 204-209.	4.1	40
27	Epigenetic Modulation in Periodontitis: Interaction of Adiponectin and JMJD3-IRF4 Axis in Macrophages. <i>Journal of Cellular Physiology</i> , 2016, 231, 1090-1096.	4.1	38
28	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.	4.1	36
29	Cbfa1/Runx2-deficiency delays bone wound healing and locally delivered Cbfa1/Runx2 promotes bone repair in animal models. <i>Wound Repair and Regeneration</i> , 2007, 15, 404-412.	3.0	35
30	Targeted overexpression of BSP in osteoclasts promotes bone metastasis of breast cancer cells. <i>Journal of Cellular Physiology</i> , 2009, 218, 135-145.	4.1	35
31	An Adiponectin Receptor Agonist Reduces Type 2 Diabetic Periodontitis. <i>Journal of Dental Research</i> , 2019, 98, 313-321.	5.2	33
32	Adiponectin Ameliorates Experimental Periodontitis in Diet-Induced Obesity Mice. <i>PLoS ONE</i> , 2014, 9, e97824.	2.5	31
33	Enhanced osseointegration of titanium implant through the local delivery of transcription factor SATB2. <i>Biomaterials</i> , 2011, 32, 8676-8683.	11.4	29
34	MicroRNA-99a is a novel regulator of KDM6B-mediated osteogenic differentiation of BMSCs. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2162-2176.	3.6	28
35	Epigenetically Modified Bone Marrow Stromal Cells in Silk Scaffolds Promote Craniofacial Bone Repair and Wound Healing. <i>Tissue Engineering - Part A</i> , 2015, 21, 2156-2165.	3.1	22
36	Potential roles of miR-335-5p on pathogenesis of experimental periodontitis. <i>Journal of Periodontal Research</i> , 2020, 55, 191-198.	2.7	22

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37	Identification and characterization of a novel adiponectin receptor agonist adipo anti-inflammatory agonist and its anti-inflammatory effects in vitro and in vivo. <i>British Journal of Pharmacology</i> , 2021, 178, 280-297.	5.4	22
38	Calcyclin Mediates Serum Response Element (SRE) Activation by an Osteoblastic Extracellular Cation-Sensing Mechanism. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 1825-1833.	2.8	19
39	Autoregulation of bone sialoprotein gene in pre-osteoblastic and non-osteoblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 461-467.	2.1	15
40	An In Vivo Model to Study Osteogenic Gene Regulation: Targeting an Avian Retroviral Receptor (TVA) to Bone With the Bone Sialoprotein (BSP) Promoter. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1403-1413.	2.8	14
41	Roles and Mechanisms of Irisin in Attenuating Pathological Features of Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 703670.	3.7	14
42	The Periodontal Pathogen <i>Fusobacterium nucleatum</i> Exacerbates Alzheimer's Pathogenesis via Specific Pathways. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	14
43	Applications of transgenics in studies of bone sialoprotein. <i>Journal of Cellular Physiology</i> , 2009, 220, 30-34.	4.1	12
44	AdipoRon promotes diabetic fracture repair through endochondral ossification-based bone repair by enhancing survival and differentiation of chondrocytes. <i>Experimental Cell Research</i> , 2020, 387, 111757.	2.6	9
45	A novel adiponectin receptor agonist (AdipoAI) ameliorates type 2 diabetes-associated periodontitis by enhancing autophagy in osteoclasts.. <i>Journal of Periodontal Research</i> , 2022, 57, 381-391.	2.7	8
46	Phenotypic Analysis of <i>Dlx5</i> Overexpression in Post-natal Bone. <i>Journal of Dental Research</i> , 2008, 87, 45-50.	5.2	6
47	Transcription factor and bone marrow stromal cells in osseointegration of dental implants. , 2013, 26, 263-271.		5
48	Central adiponectin induces trabecular bone mass partly through epigenetic downregulation of cannabinoid receptor CB1. <i>Journal of Cellular Physiology</i> , 2019, 234, 7062-7069.	4.1	4
49	Osteogenic effects of microRNA-335-5p/lipidoid nanoparticles coated on titanium surface. <i>Archives of Oral Biology</i> , 2021, 129, 105207.	1.8	3
50	Induction of B7-H1 expression by human cytomegalovirus in extravillous cytotrophoblast cells and role of MAPK pathway. <i>Pakistan Journal of Medical Sciences</i> , 1969, 30, 1039-43.	0.6	2
51	Identification and Characterization of a Novel Long Noncoding RNA that Regulates Osteogenesis in Diet-Induced Obesity Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 832460.	3.7	2
52	Response to Letter to the Editor, "BET Inhibitor JQ1 Blocks Inflammation and Bone Destruction". <i>Journal of Dental Research</i> , 2015, 94, 230-230.	5.2	0
53	Transplanted Bone Marrow Stromal Cells and Bone Tissue Regeneration. , 2013, , 22-43.		0