

Qisheng Tu

List of Publications by Year in descending order

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53
papers

2,824
citations

168829

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223390

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53
docs citations

53
times ranked

3877
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel adiponectin receptor agonist (AdipoAI) ameliorates type 2 diabetes-associated periodontitis by enhancing autophagy in osteoclasts.. Journal of Periodontal Research, 2022, 57, 381-391.	1.4	8
2	Identification and Characterization of a Novel Long Noncoding RNA that Regulates Osteogenesis in Diet-Induced Obesity Mice. Frontiers in Cell and Developmental Biology, 2022, 10, 832460.	1.8	2
3	Irisin deficiency disturbs bone metabolism. Journal of Cellular Physiology, 2021, 236, 664-676.	2.0	43
4	Identification and characterization of a novel adiponectin receptor agonist adipo anti-inflammatory agonist and its anti-inflammatory effects in vitro and in vivo. British Journal of Pharmacology, 2021, 178, 280-297.	2.7	22
5	Osteogenic effects of microRNA-335-5p/lipidoid nanoparticles coated on titanium surface. Archives of Oral Biology, 2021, 129, 105207.	0.8	3
6	Roles and Mechanisms of Irisin in Attenuating Pathological Features of Osteoarthritis. Frontiers in Cell and Developmental Biology, 2021, 9, 703670.	1.8	14
7	Potential roles of miR-335-5p on pathogenesis of experimental periodontitis. Journal of Periodontal Research, 2020, 55, 191-198.	1.4	22
8	AdipoRon promotes diabetic fracture repair through endochondral ossification-based bone repair by enhancing survival and differentiation of chondrocytes. Experimental Cell Research, 2020, 387, 111757.	1.2	9
9	An Adiponectin Receptor Agonist Reduces Type 2 Diabetic Periodontitis. Journal of Dental Research, 2019, 98, 313-321.	2.5	33
10	Central adiponectin induces trabecular bone mass partly through epigenetic downregulation of cannabinoid receptor CB1. Journal of Cellular Physiology, 2019, 234, 7062-7069.	2.0	4
11	MicroRNA-99a is a novel regulator of KDM6B-mediated osteogenic differentiation of BMSCs. Journal of Cellular and Molecular Medicine, 2018, 22, 2162-2176.	1.6	28
12	A novel Lipidoid-MicroRNA formulation promotes calvarial bone regeneration. Biomaterials, 2018, 177, 88-97.	5.7	46
13	Runx2/DICER/miRNA Pathway in Regulating Osteogenesis. Journal of Cellular Physiology, 2017, 232, 182-191.	2.0	45
14	Exercise-induced irisin in bone and systemic irisin administration reveal new regulatory mechanisms of bone metabolism. Bone Research, 2017, 5, 16056.	5.4	126
15	Overexpression of MiR-335-5p Promotes Bone Formation and Regeneration in Mice. Journal of Bone and Mineral Research, 2017, 32, 2466-2475.	3.1	92
16	Epigenetic Modulation in Periodontitis: Interaction of Adiponectin and JMJD3-IRF4 Axis in Macrophages. Journal of Cellular Physiology, 2016, 231, 1090-1096.	2.0	38
17	Epigenetically Modified Bone Marrow Stromal Cells in Silk Scaffolds Promote Craniofacial Bone Repair and Wound Healing. Tissue Engineering - Part A, 2015, 21, 2156-2165.	1.6	22
18	Adiponectin Regulates Bone Marrow Mesenchymal Stem Cell Niche Through a Unique Signal Transduction Pathway: An Approach for Treating Bone Disease in Diabetes. Stem Cells, 2015, 33, 240-252.	1.4	65

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19	Response to Letter to the Editor, "BET Inhibitor JQ1 Blocks Inflammation and Bone Destruction", Journal of Dental Research, 2015, 94, 230-230.	2.5	0
20	Central adiponectin administration reveals new regulatory mechanisms of bone metabolism in mice. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1418-E1430.	1.8	51
21	BET Inhibitor JQ1 Blocks Inflammation and Bone Destruction. Journal of Dental Research, 2014, 93, 657-662.	2.5	126
22	Adiponectin Ameliorates Experimental Periodontitis in Diet-Induced Obesity Mice. PLoS ONE, 2014, 9, e97824.	1.1	31
23	Transcription factor and bone marrow stromal cells in osseointegration of dental implants. , 2013, 26, 263-271.		5
24	Transplanted Bone Marrow Stromal Cells and Bone Tissue Regeneration. , 2013, , 22-43.		0
25	Sustained release of adiponectin improves osteogenesis around hydroxyapatite implants by suppressing osteoclast activity in ovariectomized rabbits. Acta Biomaterialia, 2012, 8, 734-743.	4.1	44
26	Roles of SATB2 in Osteogenic Differentiation and Bone Regeneration. Tissue Engineering - Part A, 2011, 17, 1767-1776.	1.6	85
27	Enhanced osseointegration of titanium implant through the local delivery of transcription factor SATB2. Biomaterials, 2011, 32, 8676-8683.	5.7	29
28	Critical-size calvarial bone defects healing in a mouse model with silk scaffolds and SATB2-modified iPSCs. Biomaterials, 2011, 32, 5065-5076.	5.7	148
29	Application of induced pluripotent stem (iPS) cells in periodontal tissue regeneration. Journal of Cellular Physiology, 2011, 226, 150-157.	2.0	175
30	Effects of miR-335-5p in modulating osteogenic differentiation by specifically downregulating Wnt antagonist DKK1. Journal of Bone and Mineral Research, 2011, 26, 1953-1963.	3.1	257
31	Adiponectin Inhibits Osteoclastogenesis and Bone Resorption via APPL1-mediated Suppression of Akt1. Journal of Biological Chemistry, 2011, 286, 12542-12553.	1.6	100
32	Osterix Enhances BMSC-associated Osseointegration of Implants. Journal of Dental Research, 2009, 88, 1003-1007.	2.5	53
33	Targeted overexpression of BSP in osteoclasts promotes bone metastasis of breast cancer cells. Journal of Cellular Physiology, 2009, 218, 135-145.	2.0	35
34	Applications of transgenics in studies of bone sialoprotein. Journal of Cellular Physiology, 2009, 220, 30-34.	2.0	12
35	Systemically transplanted bone marrow stromal cells contributing to bone tissue regeneration. Journal of Cellular Physiology, 2008, 215, 204-209.	2.0	40
36	Haploinsufficiency of <i>Runx2</i> results in bone formation decrease and different BSP expression pattern changes in two transgenic mouse models. Journal of Cellular Physiology, 2008, 217, 40-47.	2.0	36

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37	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.	3.1	46
38	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.	0.7	58
39	Phenotypic Analysis of <i>Dlx5</i> Overexpression in Post-natal Bone. <i>Journal of Dental Research</i> , 2008, 87, 45-50.	2.5	6
40	Osterix Overexpression in Mesenchymal Stem Cells Stimulates Healing of Critical-Sized Defects in Murine Calvarial Bone. <i>Tissue Engineering</i> , 2007, 13, 2431-2440.	4.9	99
41	<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
42	Osterix enhances proliferation and osteogenic potential of bone marrow stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 1257-1265.	1.0	121
43	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.	3.1	14
44	BSP and RANKL Induce Osteoclastogenesis and Bone Resorption Synergistically. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1669-1679.	3.1	67
45	Autoregulation of bone sialoprotein gene in pre-osteoblastic and non-osteoblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 461-467.	1.0	15
46	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.	3.1	19
47	Rescue of the skeletal phenotype in <i>CasR</i> -deficient mice by transfer onto the <i>Gcm2</i> null background. <i>Journal of Clinical Investigation</i> , 2003, 111, 1029-1037.	3.9	67
48	Rescue of the skeletal phenotype in <i>CasR</i> -deficient mice by transfer onto the <i>Gcm2</i> null background. <i>Journal of Clinical Investigation</i> , 2003, 111, 1029-1037.	3.9	138
49	Overexpression of <i>Phex</i> in Osteoblasts Fails to Rescue the Hyp Mouse Phenotype. <i>Journal of Biological Chemistry</i> , 2002, 277, 3686-3697.	1.6	83
50	Calcium-Sensing Receptor Activation of Rho Involves Filamin and Rho-Guanine Nucleotide Exchange Factor. <i>Endocrinology</i> , 2002, 143, 3830-3838.	1.4	95
51	Rickets in Cation-Sensing Receptor-Deficient Mice: An Unexpected Skeletal Phenotype. <i>Endocrinology</i> , 2001, 142, 3996-4005.	1.4	96
52	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.	0.3	2
53	The Periodontal Pathogen <i>Fusobacterium nucleatum</i> Exacerbates Alzheimer's Pathogenesis via Specific Pathways. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	14