

# Dengshun Miao

## List of Publications by Citations

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160  
papers

5,838  
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171  
ext. papers

6,499  
ext. citations

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avg, IF

5.51  
L-index

#	Paper	IF	Citations
160	Inactivation of the 25-hydroxyvitamin D 1alpha-hydroxylase and vitamin D receptor demonstrates independent and interdependent effects of calcium and vitamin D on skeletal and mineral homeostasis. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 16754-66	5.4	314
159	Calcium-independent and 1,25(OH) <sub>2</sub> D <sub>3</sub> -dependent regulation of the renin-angiotensin system in 1alpha-hydroxylase knockout mice. <i>Kidney International</i> , <b>2008</b> , 74, 170-9	9.9	301
158	Transgenic mice overexpressing human fibroblast growth factor 23 (R176Q) delineate a putative role for parathyroid hormone in renal phosphate wasting disorders. <i>Endocrinology</i> , <b>2004</b> , 145, 5269-79	4.8	279
157	The autosomal dominant hypophosphatemic rickets R176Q mutation in fibroblast growth factor 23 resists proteolytic cleavage and enhances in vivo biological potency. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 9843-9	5.4	224
156	Osteoblast-derived PTHrP is a potent endogenous bone anabolic agent that modifies the therapeutic efficacy of administered PTH 1-34. <i>Journal of Clinical Investigation</i> , <b>2005</b> , 115, 2402-11	15.9	220
155	Parathyroid hormone is essential for normal fetal bone formation. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 1173-1182	15.9	199
154	Histochemical localization of alkaline phosphatase activity in decalcified bone and cartilage. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2002</b> , 50, 333-40	3.4	164
153	Rosiglitazone impacts negatively on bone by promoting osteoblast/osteocyte apoptosis. <i>Journal of Endocrinology</i> , <b>2004</b> , 183, 203-16	4.7	161
152	Growth retardation and premature aging phenotypes in mice with disruption of the SNF2-like gene, PASG. <i>Genes and Development</i> , <b>2004</b> , 18, 1035-46	12.6	143
151	Osteomalacia in hyp mice is associated with abnormal phex expression and with altered bone matrix protein expression and deposition. <i>Endocrinology</i> , <b>2001</b> , 142, 926-39	4.8	143
150	Transplanted human amniotic membrane-derived mesenchymal stem cells ameliorate carbon tetrachloride-induced liver cirrhosis in mouse. <i>PLoS ONE</i> , <b>2011</b> , 6, e16789	3.7	107
149	Parathyroid hormone-related peptide is required for increased trabecular bone volume in parathyroid hormone-null mice. <i>Endocrinology</i> , <b>2004</b> , 145, 3554-62	4.8	102
148	Severe growth retardation and early lethality in mice lacking the nuclear localization sequence and C-terminus of PTH-related protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 20309-14	11.5	101
147	Partial rescue of the Hyp phenotype by osteoblast-targeted PHEX (phosphate-regulating gene with homologies to endopeptidases on the X chromosome) expression. <i>Molecular Endocrinology</i> , <b>2002</b> , 16, 2913-25		88
146	Parathyroid hormone-related peptide stimulates osteogenic cell proliferation through protein kinase C activation of the Ras/mitogen-activated protein kinase signaling pathway. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 32204-13	5.4	87
145	Parathyroid hormone is essential for normal fetal bone formation. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 109, 1173-82	15.9	85
144	Skeletal abnormalities in Pth-null mice are influenced by dietary calcium. <i>Endocrinology</i> , <b>2004</b> , 145, 2046-58		82

143	Genetic models show that parathyroid hormone and 1,25-dihydroxyvitamin D3 play distinct and synergistic roles in postnatal mineral ion homeostasis and skeletal development. <i>Human Molecular Genetics</i> , <b>2005</b> , 14, 1515-28	5.6	81
142	Osteocrin, a novel bone-specific secreted protein that modulates the osteoblast phenotype. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 50563-71	5.4	77
141	Defects in mesenchymal stem cell self-renewal and cell fate determination lead to an osteopenic phenotype in Bmi-1 null mice. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 640-52	6.3	76
140	Short-term treatment of rats with high dose 1,25-dihydroxyvitamin D3 stimulates bone formation and increases the number of osteoblast precursor cells in bone marrow. <i>Endocrinology</i> , <b>1997</b> , 138, 4629-35	4.8	74
139	The transcription factor SOX9 regulates cell cycle and differentiation genes in chondrocytic CFK2 cells. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 41229-36	5.4	74
138	1,25-Dihydroxyvitamin D exerts an antiaging role by activation of Nrf2-antioxidant signaling and inactivation of p16/p53-senescence signaling. <i>Aging Cell</i> , <b>2019</b> , 18, e12951	9.9	71
137	Impaired endochondral bone development and osteopenia in Gli2-deficient mice. <i>Experimental Cell Research</i> , <b>2004</b> , 294, 210-22	4.2	68
136	Parathyroid hormone-related peptide interacts with bone morphogenetic protein 2 to increase osteoblastogenesis and decrease adipogenesis in pluripotent C3H10T 1/2 mesenchymal cells. <i>Endocrinology</i> , <b>2003</b> , 144, 5511-20	4.8	66
135	Altered ovarian function affects skeletal homeostasis independent of the action of follicle-stimulating hormone. <i>Endocrinology</i> , <b>2007</b> , 148, 2613-21	4.8	65
134	Exogenous 1,25-dihydroxyvitamin D3 exerts a skeletal anabolic effect and improves mineral ion homeostasis in mice that are homozygous for both the 1 $\alpha$ -hydroxylase and parathyroid hormone null alleles. <i>Endocrinology</i> , <b>2006</b> , 147, 4801-10	4.8	64
133	Effects of calcium and of the Vitamin D system on skeletal and calcium homeostasis: lessons from genetic models. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2004</b> , 89-90, 485-9	5.1	60
132	Bmi1 Regulates the Proliferation of Cochlear Supporting Cells Via the Canonical Wnt Signaling Pathway. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 1326-1339	6.2	58
131	Gp130-mediated signaling is necessary for normal osteoblastic function in vivo and in vitro. <i>Endocrinology</i> , <b>2004</b> , 145, 1376-85	4.8	55
130	Overexpression of Sirt1 in mesenchymal stem cells protects against bone loss in mice by FOXO3a deacetylation and oxidative stress inhibition. <i>Metabolism: Clinical and Experimental</i> , <b>2018</b> , 88, 61-71	12.7	54
129	Defective female reproductive function in 1,25(OH)2D-deficient mice results from indirect effect mediated by extracellular calcium and/or phosphorus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2010</b> , 299, E928-35	6	52
128	p16 deficiency attenuates intervertebral disc degeneration by adjusting oxidative stress and nucleus pulposus cell cycle. <i>ELife</i> , <b>2020</b> , 9,	8.9	48
127	Recruitment, augmentation and apoptosis of rat osteoclasts in 1,25-(OH)2D3 response to short-term treatment with 1,25-dihydroxyvitamin D3 in vivo. <i>BMC Musculoskeletal Disorders</i> , <b>2002</b> , 3, 16	2.8	47
126	CYP24 inhibition as a therapeutic target in FGF23-mediated renal phosphate wasting disorders. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 667-80	15.9	42

125	Active vitamin D deficiency mediated by extracellular calcium and phosphorus results in male infertility in young mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2015</b> , 308, E51-62	6	41
124	Mitochondria-related miR-141-3p contributes to mitochondrial dysfunction in HFD-induced obesity by inhibiting PTEN. <i>Scientific Reports</i> , <b>2015</b> , 5, 16262	4.9	39
123	Bmi-1 plays a critical role in protection from renal tubulointerstitial injury by maintaining redox balance. <i>Aging Cell</i> , <b>2014</b> , 13, 797-809	9.9	39
122	Sodium/myo-inositol cotransporter 1 and myo-inositol are essential for osteogenesis and bone formation. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 582-90	6.3	39
121	Distinctive anabolic roles of 1,25-dihydroxyvitamin D(3) and parathyroid hormone in teeth and mandible versus long bones. <i>Journal of Endocrinology</i> , <b>2009</b> , 203, 203-13	4.7	38
120	Sirt1 Promotes Osteogenic Differentiation and Increases Alveolar Bone Mass via Bmi1 Activation in Mice. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1169-1181	6.3	37
119	Early lethality in Hyp mice with targeted deletion of Pth gene. <i>Endocrinology</i> , <b>2007</b> , 148, 4974-83	4.8	37
118	Cartilage abnormalities are associated with abnormal Phex expression and with altered matrix protein and MMP-9 localization in Hyp mice. <i>Bone</i> , <b>2004</b> , 34, 638-47	4.7	37
117	Pyroloquinoline Quinone Prevents Estrogen Deficiency-Induced Osteoporosis by Inhibiting Oxidative Stress and Osteocyte Senescence. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 58-68	11.2	36
116	Mitochondria-related miR-151a-5p reduces cellular ATP production by targeting CYTB in asthenozoospermia. <i>Scientific Reports</i> , <b>2015</b> , 5, 17743	4.9	35
115	Megakaryocyte-bone marrow stromal cell aggregates demonstrate increased colony formation and alkaline phosphatase expression in vitro. <i>Tissue Engineering</i> , <b>2004</b> , 10, 807-17		35
114	1,25-Dihydroxy vitamin D prevents tumorigenesis by inhibiting oxidative stress and inducing tumor cellular senescence in mice. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 368-382	7.5	34
113	1,25(OH) <sub>2</sub> D deficiency induces temporomandibular joint osteoarthritis via secretion of senescence-associated inflammatory cytokines. <i>Bone</i> , <b>2013</b> , 55, 400-9	4.7	34
112	The calcium-sensing receptor mediates bone turnover induced by dietary calcium and parathyroid hormone in neonates. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 1057-71	6.3	34
111	Alterations in phosphorus, calcium and PTHrP contribute to defects in dental and dental alveolar bone formation in calcium-sensing receptor-deficient mice. <i>Development (Cambridge)</i> , <b>2010</b> , 137, 985-92	6.6	33
110	Exogenous PTH-related protein and PTH improve mineral and skeletal status in 25-hydroxyvitamin D-1alpha-hydroxylase and PTH double knockout mice. <i>Journal of Bone and Mineral Research</i> , <b>2005</b> , 20, 1766-77	6.3	33
109	Abnormal neurogenesis in the dentate gyrus of adult mice lacking 1,25-dihydroxy vitamin D <sub>3</sub> (1,25-(OH) <sub>2</sub> D <sub>3</sub> ). <i>Hippocampus</i> , <b>2012</b> , 22, 421-33	3.5	32
108	Klotho ablation converts the biochemical and skeletal alterations in FGF23 (R176Q) transgenic mice to a Klotho-deficient phenotype. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 296, E79-88	6	32

107	BMI-1 Mediates Estrogen-Deficiency-Induced Bone Loss by Inhibiting Reactive Oxygen Species Accumulation and T Cell Activation. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 962-973	6.3	30
106	Tissue-specific targeting of the pthrp gene: the generation of mice with floxed alleles. <i>Endocrinology</i> , <b>2001</b> , 142, 2070-7	4.8	30
105	1, 25-dihydroxy-vitamin D3 with tumor necrosis factor-alpha protects against rheumatoid arthritis by promoting p53 acetylation-mediated apoptosis via Sirt1 in synoviocytes. <i>Cell Death and Disease</i> , <b>2016</b> , 7, e2423	9.8	29
104	TGF- $\beta$ /IL-11/MEK/ERK signaling mediates senescence-associated pulmonary fibrosis in a stress-induced premature senescence model of Bmi-1 deficiency. <i>Experimental and Molecular Medicine</i> , <b>2020</b> , 52, 130-151	12.8	28
103	Anti-aging Effect of Transplanted Amniotic Membrane Mesenchymal Stem Cells in a Premature Aging Model of Bmi-1 Deficiency. <i>Scientific Reports</i> , <b>2015</b> , 5, 13975	4.9	28
102	The calcium-sensing receptor and 25-hydroxyvitamin D-1alpha-hydroxylase interact to modulate skeletal growth and bone turnover. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 1627-36	6.3	28
101	Endogenous PTH deficiency impairs fracture healing and impedes the fracture-healing efficacy of exogenous PTH(1-34). <i>PLoS ONE</i> , <b>2011</b> , 6, e23060	3.7	27
100	Impairment of spatial learning and memory in transgenic mice overexpressing human fibroblast growth factor-23. <i>Brain Research</i> , <b>2011</b> , 1412, 9-17	3.7	27
99	The calcium-sensing receptor complements parathyroid hormone-induced bone turnover in discrete skeletal compartments in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E841-51	6	27
98	Liver-specific IGF-I gene deficient mice exhibit accelerated diabetes in response to streptozotocin, associated with early onset of insulin resistance. <i>Molecular and Cellular Endocrinology</i> , <b>2003</b> , 204, 31-42	4.4	27
97	1, 25(OH)D $\beta$ inhibits hepatocellular carcinoma development through reducing secretion of inflammatory cytokines from immunocytes. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 4131-41	4.3	27
96	1,25-Dihydroxyvitamin D protects against age-related osteoporosis by a novel VDR-Ezh2-p16 signal axis. <i>Aging Cell</i> , <b>2020</b> , 19, e13095	9.9	27
95	CDKN2a/p16 Antagonizes Hepatic Stellate Cell Activation and Liver Fibrosis by Modulating ROS Levels. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 176	5.7	25
94	P16 Deletion Ameliorated Renal Tubulointerstitial Injury in a Stress-induced Premature Senescence Model of Bmi-1 Deficiency. <i>Scientific Reports</i> , <b>2017</b> , 7, 7502	4.9	24
93	The abnormal phenotypes of cartilage and bone in calcium-sensing receptor deficient mice are dependent on the actions of calcium, phosphorus, and PTH. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002294	6	24
92	lncRNA UCA1 Predicts a Poor Prognosis and Regulates Cell Proliferation and Migration by Repressing p21 and SPRY1 Expression in GC. <i>Molecular Therapy - Nucleic Acids</i> , <b>2019</b> , 18, 605-616	10.7	23
91	Androgen regulation of parathyroid hormone-related peptide production in human prostate cancer cells. <i>Endocrinology</i> , <b>2003</b> , 144, 858-67	4.8	23
90	An improved transplantation strategy for mouse mesenchymal stem cells in an acute myocardial infarction model. <i>PLoS ONE</i> , <b>2011</b> , 6, e21005	3.7	23

89	Pharmacologic Calcitriol Inhibits Osteoclast Lineage Commitment via the BMP-Smad1 and IB-NF- $\kappa$ B Pathways. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 1406-1420	6.3	22
88	Administration of exogenous 1,25(OH) $_2$ D $_3$ normalizes overactivation of the central renin-angiotensin system in 1 $\alpha$ (OH)ase knockout mice. <i>Neuroscience Letters</i> , <b>2015</b> , 588, 184-9	3.3	22
87	Neuronal necrosis is regulated by a conserved chromatin-modifying cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 13960-5	11.5	22
86	Cellular and molecular mechanisms of abnormal calcification following ischemia-reperfusion injury in human liver transplantation. <i>Modern Pathology</i> , <b>2007</b> , 20, 357-66	9.8	21
85	Alkaline Phosphatase <b>2004</b> , 164-169		21
84	Bone marrow ablation demonstrates that estrogen plays an important role in osteogenesis and bone turnover via an antioxidative mechanism. <i>Bone</i> , <b>2015</b> , 79, 94-104	4.7	20
83	Exogenous PTH and endogenous 1,25-dihydroxyvitamin D are complementary in inducing an anabolic effect on bone. <i>Journal of Bone and Mineral Research</i> , <b>2008</b> , 23, 1257-66	6.3	19
82	The Chromatin Regulator BRPF3 Preferentially Activates the HBO1 Acetyltransferase but Is Dispensable for Mouse Development and Survival. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 2647-63	5.4	19
81	Cranial base characteristics in anteroposterior malocclusions: A meta-analysis. <i>Angle Orthodontist</i> , <b>2016</b> , 86, 668-80	2.6	18
80	Calcium sensing receptor absence delays postnatal brain development via direct and indirect mechanisms. <i>Molecular Neurobiology</i> , <b>2013</b> , 48, 590-600	6.2	18
79	Deficient Mice Exhibit Male Infertility. <i>International Journal of Biological Sciences</i> , <b>2018</b> , 14, 358-368	11.2	17
78	Parathyroid hormone contributes to regulating milk calcium content and modulates neonatal bone formation cooperatively with calcium. <i>Endocrinology</i> , <b>2009</b> , 150, 561-9	4.8	17
77	Pyroloquinoline quinone prevents testosterone deficiency-induced osteoporosis by stimulating osteoblastic bone formation and inhibiting osteoclastic bone resorption. <i>American Journal of Translational Research (discontinued)</i> , <b>2017</b> , 9, 1230-1242	3	17
76	Absence of PTHrP nuclear localization and carboxyl terminus sequences leads to abnormal brain development and function. <i>PLoS ONE</i> , <b>2012</b> , 7, e41542	3.7	16
75	Zinc supplementation results in improved therapeutic potential of bone marrow-derived mesenchymal stromal cells in a mouse ischemic limb model. <i>Cytotherapy</i> , <b>2011</b> , 13, 156-64	4.8	16
74	1,25(OH) $_2$ D $_3$ Deficiency Induces Colon Inflammation via Secretion of Senescence-Associated Inflammatory Cytokines. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146426	3.7	16
73	Bmi1 Overexpression in Mesenchymal Stem Cells Exerts Antiaging and Antiosteoporosis Effects by Inactivating p16/p19 Signaling and Inhibiting Oxidative Stress. <i>Stem Cells</i> , <b>2019</b> , 37, 1200-1211	5.8	15
72	Expression atlas of the multivalent epigenetic regulator Brpf1 and its requirement for survival of mouse embryos. <i>Epigenetics</i> , <b>2014</b> , 9, 860-72	5.7	15

71	The p27 Pathway Modulates the Regulation of Skeletal Growth and Osteoblastic Bone Formation by Parathyroid Hormone-Related Peptide. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 1969-79	6.3	14
70	Recombinant human parathyroid hormone related protein 1-34 and 1-84 and their roles in osteoporosis treatment. <i>PLoS ONE</i> , <b>2014</b> , 9, e88237	3.7	14
69	The effects of human seminal plasma and PGE2 on mitogen induced proliferation and cytokine production of human splenic lymphocytes and peripheral blood mononuclear cells. <i>Journal of Reproductive Immunology</i> , <b>1996</b> , 30, 97-114	4.2	14
68	Bmi-1 absence causes premature brain degeneration. <i>PLoS ONE</i> , <b>2012</b> , 7, e32015	3.7	14
67	Overexpression of Bmi1 in Lymphocytes Stimulates Skeletogenesis by Improving the Osteogenic Microenvironment. <i>Scientific Reports</i> , <b>2016</b> , 6, 29171	4.9	13
66	Pathogenic variants screening in five non-obstructive azoospermia-associated genes. <i>Molecular Human Reproduction</i> , <b>2014</b> , 20, 178-83	4.4	13
65	Hepatocyte-specific ablation of PP2A catalytic subunit $\beta$ attenuates liver fibrosis progression via TGF- $\beta$ /Smad signaling. <i>BioMed Research International</i> , <b>2015</b> , 2015, 794862	3	13
64	Parathyroid hormone administration improves bone marrow microenvironment and partially rescues haematopoietic defects in Bmi1-null mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e93864	3.7	13
63	PTHrP Nuclear Localization and Carboxyl Terminus Sequences Modulate Dental and Mandibular Development in Part via the Action of p27. <i>Endocrinology</i> , <b>2016</b> , 157, 1372-84	4.8	13
62	Rho Kinase Inhibitor, Fasudil, Attenuates Contrast-induced Acute Kidney Injury. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2018</b> , 122, 278-287	3.1	12
61	DNA damage checkpoint pathway modulates the regulation of skeletal growth and osteoblastic bone formation by parathyroid hormone-related peptide. <i>International Journal of Biological Sciences</i> , <b>2018</b> , 14, 508-517	11.2	12
60	Inactivation of p27kip1 promotes chemical hepatocarcinogenesis through enhancing inflammatory cytokine secretion and STAT3 signaling activation. <i>Journal of Cellular Physiology</i> , <b>2013</b> , 228, 1967-76	7	12
59	Hypophosphatemia-mediated hypotension in transgenic mice overexpressing human FGF-23. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 297, H1514-20	5.2	12
58	1,25-Dihydroxyvitamin D $\beta$ contributes to regulating mammary calcium transport and modulates neonatal skeletal growth and turnover cooperatively with calcium. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 301, E889-900	6	12
57	Bmi1 plays an important role in dentin and mandible homeostasis by maintaining redox balance. <i>American Journal of Translational Research (discontinued)</i> , <b>2016</b> , 8, 4716-4725	3	12
56	1,25-dihydroxyvitamin D deficiency accelerates alveolar bone loss independent of aging and extracellular calcium and phosphorus. <i>Journal of Periodontology</i> , <b>2018</b> , 89, 983-994	4.6	11
55	Heterozygous knockout of the Bmi-1 gene causes an early onset of phenotypes associated with brain aging. <i>Age</i> , <b>2014</b> , 36, 129-39		11
54	Bone marrow ablation demonstrates that excess endogenous parathyroid hormone plays distinct roles in trabecular and cortical bone. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 234-44	5.8	11

53	Endogenous parathyroid hormone-related protein compensates for the absence of parathyroid hormone in promoting bone accrual in vivo in a model of bone marrow ablation. <i>Journal of Bone and Mineral Research</i> , <b>2013</b> , 28, 1898-911	6.3	11
52	Biological effects of pyrroloquinoline quinone on liver damage in Bmi-1 knockout mice. <i>Experimental and Therapeutic Medicine</i> , <b>2015</b> , 10, 451-458	2.1	10
51	NK cell activation and tumor infiltration are involved in the antitumor mechanism of Virulizin. <i>Cancer Immunology, Immunotherapy</i> , <b>2005</b> , 54, 229-42	7.4	10
50	The Polycomb Protein Bmi1 Plays a Crucial Role in the Prevention of 1,25(OH) D Deficiency-Induced Bone Loss. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 583-595	6.3	10
49	RelA promotes proliferation but inhibits osteogenic and chondrogenic differentiation of mesenchymal stem cells. <i>FEBS Letters</i> , <b>2020</b> , 594, 1368-1378	3.8	9
48	Recruitment of stem cells by hepatocyte growth factor via intracoronary gene transfection in the postinfarction heart failure. <i>Science in China Series C: Life Sciences</i> , <b>2007</b> , 50, 748-52		9
47	Tissue-Specific Targeting of the Pthrp Gene: The Generation of Mice with Floxed Alleles		9
46	p27(kip1) deficiency accelerates dentin and alveolar bone formation. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2014</b> , 41, 807-16	3	8
45	Copy number gain of VCX, X-linked multi-copy gene, leads to cell proliferation and apoptosis during spermatogenesis. <i>Oncotarget</i> , <b>2016</b> , 7, 78532-78540	3.3	8
44	Effect and mechanism of pyrroloquinoline quinone on anti-osteoporosis in Bmi-1 knockout mice-Anti-oxidant effect of pyrroloquinoline quinone. <i>American Journal of Translational Research (discontinued)</i> , <b>2017</b> , 9, 4361-4374	3	8
43	1,25(OH)D deficiency increases TM40D tumor growth in bone and accelerates tumor-induced bone destruction in a breast cancer bone metastasis model. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 95, 1033-1039	7.5	7
42	Fibroblast growth factor 23 overexpression impacts negatively on dentin mineralization and dentinogenesis in mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2011</b> , 38, 395-402	3	7
41	1,25-Dihydroxyvitamin D insufficiency accelerates age-related bone loss by increasing oxidative stress and cell senescence. <i>American Journal of Translational Research (discontinued)</i> , <b>2020</b> , 12, 507-518	3	7
40	Rho Kinase Inhibition by Fasudil Attenuates Adriamycin-Induced Chronic Heart Injury. <i>Cardiovascular Toxicology</i> , <b>2020</b> , 20, 351-360	3.4	7
39	Radioprotective effects of pyrroloquinoline quinone on parotid glands in C57BL/6J mice. <i>Experimental and Therapeutic Medicine</i> , <b>2016</b> , 12, 3685-3693	2.1	7
38	BMI1 Deficiency Results in Female Infertility by Activating p16/p19 Signaling and Increasing Oxidative Stress. <i>International Journal of Biological Sciences</i> , <b>2019</b> , 15, 870-881	11.2	6
37	A genome-wide association study of mitochondrial DNA in Chinese men identifies two risk single nucleotide substitutions for idiopathic oligoasthenospermia. <i>Mitochondrion</i> , <b>2015</b> , 24, 87-92	4.9	6
36	Bmi deficiency causes oxidative stress and intervertebral disc degeneration which can be alleviated by antioxidant treatment. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 8950-8961	5.6	6



35	X-ray irradiation selectively kills thymocytes of different stages and impairs the maturation of donor-derived CD4(+)CD8(+) thymocytes in recipient thymus. <i>Journal of Biomedical Research</i> , <b>2012</b> , 26, 355-64	1.5	6
34	Pyrrroloquinoline quinone plays an important role in rescuing Bmi-1 mice induced developmental disorders of teeth and mandible--anti-oxidant effect of pyrroloquinoline quinone. <i>American Journal of Translational Research (discontinued)</i> , <b>2018</b> , 10, 40-53	3	6
33	p16 deficiency promotes nonalcoholic steatohepatitis via regulation of hepatic oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 486, 264-269	3.4	5
32	Loss of p27 suppresses the myocardial senescence caused by estrogen deficiency. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 13994-14003	4.7	5
31	Synergistic effects of high dietary calcium and exogenous parathyroid hormone in promoting osteoblastic bone formation in mice. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 909-22	3.6	5
30	SIRT1/FOXO3a axis plays an important role in the prevention of mandibular bone loss induced by 1,25(OH)D deficiency. <i>International Journal of Biological Sciences</i> , <b>2020</b> , 16, 2712-2726	11.2	5
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28	Deficiency of the parathyroid hormone-related peptide nuclear localization and carboxyl terminal sequences leads to premature skin ageing partially mediated by the upregulation of p27. <i>Experimental Dermatology</i> , <b>2015</b> , 24, 847-52	4	4
27	Deletion of p16 prevents estrogen deficiency-induced osteoporosis by inhibiting oxidative stress and osteocyte senescence. <i>American Journal of Translational Research (discontinued)</i> , <b>2020</b> , 12, 672-683	3	4
26	Age-Related Increases in Marrow Fat Volumes have Regional Impacts on Bone Cell Numbers and Structure. <i>Calcified Tissue International</i> , <b>2020</b> , 107, 126-134	3.9	3
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21	The effects of parathyroid hormone-related peptide on cardiac angiogenesis, apoptosis, and function in mice with myocardial infarction. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 14745-14755	4.7	2
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16	Bmi1 regulate tooth and mandible development by inhibiting p16 signal pathway. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 4195-4203	5.6	2
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1	1,25-Dihydroxyvitamin D deficiency induces sarcopenia by inducing skeletal muscle cell senescence.. <i>American Journal of Translational Research (discontinued)</i> , <b>2021</b> , 13, 12638-12649	3	