WNT signaling in bone homeostasis and disease: from h

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Citation Report

#	Article	IF	CITATIONS
1	Dopaminergic treatment of restless legs and rebound phenomenon. Neurology, 1993, 43, 445-445.	1.5	99
2	Osteoimmunology and Bone Homeostasis: Relevance to Spondyloarthritis. Current Rheumatology Reports, 2013, 15, 342.	2.1	22
3	Wnt signaling in liver fibrosis: Progress, challenges and potential directions. Biochimie, 2013, 95, 2326-2335.	1.3	116
4	Comparative effectiveness of combination osteoanabolic and antiresorptive therapy for osteoporosis: an update. Journal of Comparative Effectiveness Research, 2013, 2, 511-513.	0.6	O
5	Dynamics of bone healing after osteotomy with piezosurgery or conventional drilling– histomorphometrical, immunohistochemical, and molecular analysis. Journal of Translational Medicine, 2013, 11, 221.	1.8	55
6	Autosomal Recessive Osteogenesis Imperfecta: A Puzzle for Bone Formation, Structure and Function. Current Genetic Medicine Reports, 2013, 1, 239-246.	1.9	3
7	Understanding of dopant-induced osteogenesis and angiogenesis in calcium phosphate ceramics. Trends in Biotechnology, 2013, 31, 594-605.	4.9	404
8	Analysing the impact of nucleo-cytoplasmic shuttling of $\hat{l}^2$ -catenin and its antagonists APC, Axin and GSK3 on Wnt/ $\hat{l}^2$ -catenin signalling. Cellular Signalling, 2013, 25, 2210-2221.	1.7	53
9	Regulation of Wntsl²-catenin signaling within and from osteocytes. Bone, 2013, 54, 244-249.	1.4	124
10	<i>WNT1</i> Mutations in Early-Onset Osteoporosis and Osteogenesis Imperfecta. New England Journal of Medicine, 2013, 368, 1809-1816.	13.9	308
11	Xylogranin B: A Potent Wnt Signal Inhibitory Limonoid from <i>Xylocarpus granatum</i> . Organic Letters, 2013, 15, 6106-6109.	2.4	32
12	Role of Mechanical Stimulations in Directing Mesenchymal Stem Cell Adipogenesis. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2013, , 63-87.	0.7	O
13	Interplay between Cartilage and Subchondral Bone Contributing to Pathogenesis of Osteoarthritis. International Journal of Molecular Sciences, 2013, 14, 19805-19830.	1.8	224
14	WNT1 for the skeleton. IBMS BoneKEy, 2013, 10, .	0.1	O
15	New Insights into Osteogenic and Chondrogenic Differentiation of Human Bone Marrow Mesenchymal Stem Cells and Their Potential Clinical Applications for Bone Regeneration in Pediatric Orthopaedics. Stem Cells International, 2013, 2013, 1-11.	1,2	71
16	Osteogenesis Imperfecta, an Ever-Expanding Conundrum. Journal of Bone and Mineral Research, 2013, 28, 1519-1522.	3.1	15
17	Recent Progress in Osteocyte Research. Endocrinology and Metabolism, 2013, 28, 255.	1.3	11
18	The Wnt Serpentine Receptor Frizzled-9 Regulates New Bone Formation in Fracture Healing. PLoS ONE, 2013, 8, e84232.	1.1	52

#	ARTICLE	IF	Citations
19	The Interplay between the Bone and the Immune System. Clinical and Developmental Immunology, 2013, 2013, 1-16.	3.3	153
20	Growth Plate, Bone and Mineral Metabolism. Yearbook of Paediatric Endocrinology, 2013, , 61-78.	0.0	0
21	Factors and Mechanisms Involved in the Coupling from Bone Resorption to Formation: How Osteoclasts Talk to Osteoblasts. Journal of Bone Metabolism, 2014, 21, 163.	0.5	68
22	Structure-Function Analysis of the C-clamp of TCF/Pangolin in Wnt/ß-catenin Signaling. PLoS ONE, 2014, 9, e86180.	1.1	19
23	Osteoblast-Specific Krm2 Overexpression and Lrp5 Deficiency Have Different Effects on Fracture Healing in Mice. PLoS ONE, 2014, 9, e103250.	1.1	21
24	Wnt $\hat{\mathbb{I}}^2$ -Catenin Signaling Modulates Human Airway Sensitization Induced by $\hat{\mathbb{I}}^2$ -Adrenoceptor Stimulation. PLoS ONE, 2014, 9, e111350.	1.1	9
25	Chromomycins A2 and A3 from Marine Actinomycetes with TRAIL Resistance-Overcoming and Wnt Signal Inhibitory Activities. Marine Drugs, 2014, 12, 3466-3476.	2.2	22
26	New Discoveries in Osteogenesis Imperfecta. , 2014, , 543-545.		1
28	Expression and evolution of the Tiki1 and Tiki2 genes in vertebrates. International Journal of Developmental Biology, 2014, 58, 355-362.	0.3	11
29	Clinical Grade Production of Mesenchymal Stromal Cells. , 2014, , 427-469.		3
30	Cellular Signaling. , 2014, , 111-148.		1
31	The swaying mouse as a model of osteogenesis imperfecta caused by WNT1 mutations. Human Molecular Genetics, 2014, 23, 4035-4042.	1.4	66
32	Sirtuin1 (Sirt1) Promotes Cortical Bone Formation by Preventing $\hat{I}^2$ -Catenin Sequestration by FoxO Transcription Factors in Osteoblast Progenitors. Journal of Biological Chemistry, 2014, 289, 24069-24078.	1.6	109
33	Serum sclerostin is an independent predictor of mortality in hemodialysis patients. BMC Nephrology, 2014, 15, 190.	0.8	69
34	Casein Kinase 1 $\hat{l}\pm$ Phosphorylates the Wnt Regulator Jade-1 and Modulates Its Activity. Journal of Biological Chemistry, 2014, 289, 26344-26356.	1.6	19
35	Wnt signaling regulates homeostasis of the periodontal ligament. Journal of Periodontal Research, 2014, 49, 751-759.	1.4	69
36	Inhibition of sclerostin in the management of osteoporosis: results of a phase 2 clinical trial meet expectations. BoneKEy Reports, 2014, 3, 523.	2.7	4
37	The Sirtuin1 Activator SRT3025 Down-Regulates Sclerostin and Rescues Ovariectomy-Induced Bone Loss and Biomechanical Deterioration in Female Mice. Endocrinology, 2014, 155, 3508-3515.	1.4	60

#	ARTICLE	IF	CITATIONS
38	Recent Highlights of <i>ATVB</i> . Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1329-1332.	1.1	46
39	Inhibition of phosphodiesterase 5 reduces bone mass by suppression of canonical Wnt signaling. Cell Death and Disease, 2014, 5, e1544-e1544.	2.7	29
40	Bone pathology in murine models of inflammatory arthritis. Drug Discovery Today: Disease Models, 2014, 13, 11-15.	1.2	0
41	Recent Developments in Metabolic Bone Diseases: a Gnathic Perspective. Head and Neck Pathology, 2014, 8, 475-481.	1.3	7
42	The Alliance of Mesenchymal Stem Cells, Bone, and Diabetes. International Journal of Endocrinology, 2014, 2014, 1-26.	0.6	72
43	Deregulation of Bone Forming Cells in Bone Diseases and Anabolic Effects of Strontium-Containing Agents and Biomaterials. BioMed Research International, 2014, 2014, 1-12.	0.9	39
44	Mineralisation of collagen rich soft tissues and osteocyte lacunae in Enpp1 mice. Bone, 2014, 69, 139-147.	1.4	57
46	Regulation of gene expression by 1,25-dihydroxyvitamin D3 in bone cells: exploiting new approaches and defining new mechanisms. BoneKEy Reports, 2014, 3, 482.	2.7	60
47	Cystic Fibrosis and Bone Disease: Defective Osteoblast Maturation with the F508del Mutation in Cystic Fibrosis Transmembrane Conductance Regulator. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 746-748.	2.5	24
48	The impact of low-magnitude high-frequency vibration on fracture healing is profoundly influenced by the oestrogen status in mice. DMM Disease Models and Mechanisms, 2015, 8, 93-104.	1.2	57
49	Inhibition of Bone Remodeling in Young Mice by Bisphosphonate Displaces the Plasma Cell Niche into the Spleen. Journal of Immunology, 2014, 193, 223-233.	0.4	16
50	Circulating Sclerostin Associated With Vertebral Bone Marrow Fat in Older Men But Not Women. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2584-E2590.	1.8	51
51	Reply to Lrp5 regulation of bone mass and gut serotonin synthesis. Nature Medicine, 2014, 20, 1229-1230.	15.2	26
52	An osteosclerotic form of Robinow syndrome. American Journal of Medical Genetics, Part A, 2014, 164, 2638-2642.	0.7	11
53	Bioactive Heterocyclic Natural Products from Actinomycetes Having Effects on Cancer-Related Signaling Pathways. Progress in the Chemistry of Organic Natural Products, 2014, 99, 147-198.	0.8	7
54	The role of midkine in skeletal remodelling. British Journal of Pharmacology, 2014, 171, 870-878.	2.7	16
55	N-Cadherin/Wnt Interaction Controls Bone Marrow Mesenchymal Cell Fate and Bone Mass During Aging. Journal of Cellular Physiology, 2014, 229, 1765-1775.	2.0	27
56	SOXC proteins amplify canonical WNT signaling to secure nonchondrocytic fates in skeletogenesis. Journal of Cell Biology, 2014, 207, 657-671.	2.3	65

#	Article	IF	CITATIONS
57	Disruption of Lrp4 function by genetic deletion or pharmacological blockade increases bone mass and serum sclerostin levels. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5187-95.	3.3	103
58	Shifting Paradigms on the Role of Connexin43 in the Skeletal Response to Mechanical Load. Journal of Bone and Mineral Research, 2014, 29, 275-286.	3.1	44
60	The Merged Basins of Signal Transduction Pathways in Spatiotemporal Cell Biology. Journal of Cellular Physiology, 2014, 229, 287-291.	2.0	2
61	Towards optimising the provision of laboratory services for bone turnover markers. Pathology, 2014, 46, 267-273.	0.3	12
62	Established and forthcoming drugs for the treatment of osteoporosis. Current Opinion in Rheumatology, 2014, 26, 245-251.	2.0	13
63	The Role of the Cell Background in Biased Signaling. , 2014, , 41-79.		1
64	Wnt5a regulates dental follicle stem/progenitor cells of the periodontium. Stem Cell Research and Therapy, 2014, 5, 135.	2.4	32
65	Updating the Wnt pathways. Bioscience Reports, 2014, 34, .	1.1	67
66	Low-dose PTH increases osteoblast activity via decreased Mef2c/Sost in senescent osteopenic mice. Journal of Endocrinology, 2014, 223, 25-33.	1.2	38
67	The osteocyte as a therapeutic target in the treatment of osteoporosis. Therapeutic Advances in Musculoskeletal Disease, 2014, 6, 79-91.	1.2	34
68	Sclerostin. Current Opinion in Endocrinology, Diabetes and Obesity, 2014, 21, 437-446.	1.2	18
69	Induced ablation of Bmp1 and Tll1 produces osteogenesis imperfecta in mice. Human Molecular Genetics, 2014, 23, 3085-3101.	1.4	58
70	Crosstalk between tyrosine kinase receptors, GSK3 and BMP2 signaling during osteoblastic differentiation of human mesenchymal stem cells. Molecular and Cellular Endocrinology, 2014, 382, 120-130.	1.6	31
71	Inactivation of the Integrin-Linked Kinase (ILK) in osteoblasts increases mineralization. Gene, 2014, 533, 246-252.	1.0	12
72	$\hat{l}^2$ -catenin is a valuable marker for differential diagnosis of osteoblastoma and osteosarcoma. Human Pathology, 2014, 45, 1459-1465.	1.1	21
73	Fluoride promotes osteoblastic differentiation through canonical Wnt $\hat{\mathbb{I}}^2$ -catenin signaling pathway. Toxicology Letters, 2014, 225, 34-42.	0.4	68
74	Variation in the Kozak sequence of WNT16 results in an increased translation and is associated with osteoporosis related parameters. Bone, 2014, 59, 57-65.	1.4	39
75	Talking among Ourselves: Paracrine Control of Bone Formation within the Osteoblast Lineage. Calcified Tissue International, 2014, 94, 35-45.	1.5	28

#	Article	IF	Citations
76	The Sclerostin-Independent Bone Anabolic Activity of Intermittent PTH Treatment Is Mediated by T-Cell–Produced Wnt10b. Journal of Bone and Mineral Research, 2014, 29, 43-54.	3.1	63
77	The Rachitic Tooth. Endocrine Reviews, 2014, 35, 1-34.	8.9	104
78	Wnt Signaling Regulates Pulp Volume and Dentin Thickness. Journal of Bone and Mineral Research, 2014, 29, 892-901.	3.1	45
79	Reversing <i>LRP 5</i> Dependent Osteoporosis and <i>SOST</i> Deficiency–Induced Sclerosing Bone Disorders by Altering WNT Signaling Activity. Journal of Bone and Mineral Research, 2014, 29, 29-42.	3.1	72
80	Investigation of four novel male androgenetic alopecia susceptibility loci: no association with female pattern hair loss. Archives of Dermatological Research, 2014, 306, 413-418.	1.1	23
81	The Role of Wnt Signaling and Sclerostin in the Pathogenesis of Glucocorticoid-Induced Osteoporosis. Current Osteoporosis Reports, 2014, 12, 90-97.	1.5	57
82	Parallel states of pathological Wnt signaling in neonatal brain injury and colon cancer. Nature Neuroscience, 2014, 17, 506-512.	7.1	98
83	Biochemical Interaction Between Muscle and Bone: A Physiological Reality?. Clinical Reviews in Bone and Mineral Metabolism, 2014, 12, 27-43.	1.3	8
84	Bone Cell Senescence: Mechanisms and Perspectives. Journal of Bone and Mineral Research, 2014, 29, 1311-1321.	3.1	65
85	Wnt of the Two Horizons: Putting Stem Cell Self-Renewal and Cell Fate Determination into Context. Stem Cells and Development, 2014, 23, 1975-1990.	1.1	9
86	Wnt signaling in midbrain dopaminergic neuron development and regenerative medicine for Parkinson's disease. Journal of Molecular Cell Biology, 2014, 6, 42-53.	1.5	97
87	Colorectal cancer classification based on gene expression is not associated with FOLFIRI response. Nature Medicine, 2014, 20, 1230-1231.	15.2	8
88	Biological agents in management of osteoporosis. European Journal of Clinical Pharmacology, 2014, 70, 1291-1301.	0.8	58
89	Osteocyte control of bone remodeling: is sclerostin a key molecular coordinator of the balanced bone resorption–formation cycles?. Osteoporosis International, 2014, 25, 2685-2700.	1.3	133
90	Osteoblast-derived WNT16 represses osteoclastogenesis and prevents cortical bone fragility fractures. Nature Medicine, 2014, 20, 1279-1288.	15.2	303
91	Epigenetic Modifications and Canonical Wingless/int-1 Class (WNT) Signaling Enable Trans-differentiation of Nonosteogenic Cells into Osteoblasts. Journal of Biological Chemistry, 2014, 289, 20120-20128.	1.6	57
92	Dental and periodontal phenotype in sclerostin knockout mice. International Journal of Oral Science, 2014, 6, 70-76.	3.6	54
93	NADPH oxidase 4 represents a potential target for the treatment of osteoporosis. Cellular and Molecular Immunology, 2014, 11, 317-319.	4.8	5

#	Article	IF	CITATIONS
94	Wnts' fashion statement: from body stature to dysplasia. BoneKEy Reports, 2014, 3, 541.	2.7	8
95	Calotropin: A Cardenolide from <i>Calotropis gigantea</i> that Inhibits Wnt Signaling by Increasing Casein Kinase 1α in Colon Cancer Cells. ChemBioChem, 2014, 15, 872-878.	1.3	44
96	<scp>WNT</scp> signaling in bone development and homeostasis. Wiley Interdisciplinary Reviews: Developmental Biology, 2014, 3, 489-500.	5.9	98
97	Pulsed Electromagnetic Fields Partially Preserve Bone Mass, Microarchitecture, and Strength by Promoting Bone Formation in Hindlimb-Suspended Rats. Journal of Bone and Mineral Research, 2014, 29, 2250-2261.	3.1	100
98	Circulating Sclerostin in Children and Young Adults with Heritable Bone Disorders. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E920-E925.	1.8	22
99	Bone turnover markers in serum and urine as diagnostic, prognostic and monitoring biomarkers of bone metastasis. Biochimica Et Biophysica Acta: Reviews on Cancer, 2014, 1846, 425-438.	3.3	38
100	Local Regulation of Bone Cell Function. , 2014, , 47-73.		7
101	YAP/TAZ Incorporation in the $\hat{I}^2$ -Catenin Destruction Complex Orchestrates the Wnt Response. Cell, 2014, 158, 157-170.	13.5	873
102	Effect of sclerostin antibody treatment in a mouse model of severe osteogenesis imperfecta. Bone, 2014, 66, 182-188.	1.4	92
103	Osteoclasts: more than †bone eaters'. Trends in Molecular Medicine, 2014, 20, 449-459.	3.5	301
104	Kirenol stimulates osteoblast differentiation through activation of the BMP and Wnt/ $\hat{l}^2$ -catenin signaling pathways in MC3T3-E1 cells. FìtoterapA¬Ã¢, 2014, 98, 59-65.	1.1	87
105	Predicting and validating the pathway of Wnt3a-driven suppression of osteoclastogenesis. Cellular Signalling, 2014, 26, 2358-2369.	1.7	15
106	Skeletal characteristics associated with homozygous and heterozygous WNT1 mutations. Bone, 2014, 67, 63-70.	1.4	44
107	Wnt4 signaling prevents skeletal aging and inflammation by inhibiting nuclear factor-ΰB. Nature Medicine, 2014, 20, 1009-1017.	15.2	175
108	The Biology of YAP/TAZ: Hippo Signaling and Beyond. Physiological Reviews, 2014, 94, 1287-1312.	13.1	1,336
109	The ever-expanding conundrum of primary osteoporosis: aetiopathogenesis, diagnosis, and treatment. Italian Journal of Pediatrics, 2014, 40, 55.	1.0	9
110	Relevance of Wnt signaling for osteoanabolic therapy. Molecular and Cellular Therapies, 2014, 2, 22.	0.2	6
111	Novel approaches to the treatment of osteoporosis. Best Practice and Research in Clinical Endocrinology and Metabolism, 2014, 28, 843-857.	2.2	28

#	ARTICLE	IF	CITATIONS
112	Serum levels of sclerostin, Dickkopf-1, and secreted frizzled-related protein-4 are not changed in individuals with high bone mass causing mutations in LRP5. Osteoporosis International, 2014, 25, 2383-2388.	1.3	7
113	Effect of aromatase inhibition on serum levels of sclerostin and dickkopf-1, bone turnover markers and bone mineral density in women with breast cancer. Journal of Cancer Research and Clinical Oncology, 2014, 140, 1671-1680.	1.2	28
114	Involvement of the Wntâ $\in$ i $\hat{l}^2i\hat{l}a\ineatenin signalling antagonists, sclerostin and dickkopfâ\inrelated protein 1, in chronic periodontitis. Journal of Clinical Periodontology, 2014, 41, 550-557.$	2.3	60
115	Downregulation of Wnt causes root resorption. American Journal of Orthodontics and Dentofacial Orthopedics, 2014, 146, 337-345.	0.8	54
116	Wnt signaling in neuropsychiatric disorders: Ties with adult hippocampal neurogenesis and behavior. Neuroscience and Biobehavioral Reviews, 2014, 47, 369-383.	2.9	71
117	Estrogen receptor $\hat{l}_{\pm}$ in osteocytes regulates trabecular bone formation in female mice. Bone, 2014, 60, 68-77.	1.4	92
118	Enhanced F508del-CFTR Channel Activity Ameliorates Bone Pathology in Murine Cystic Fibrosis. American Journal of Pathology, 2014, 184, 1132-1141.	1.9	27
119	Wnt signaling and osteoporosis. Maturitas, 2014, 78, 233-237.	1.0	81
120	Expression of genes related to energy metabolism (osteocalcin, FOXO1, insulin receptor, and SOST) in bone cells of Goto-Kakizaki rats and response to bariatric surgery. Surgery for Obesity and Related Diseases, 2014, 10, 299-303.	1.0	3
121	Dickkopf-1 as a mediator and novel target in malignant bone disease. Cancer Letters, 2014, 346, 172-177.	3.2	36
122	Indirubin-3′-oxime, an activator of Wnt/l²-catenin signaling, enhances osteogenic commitment of ST2 cells and restores bone loss in high-fat diet-induced obese male mice. Bone, 2014, 65, 60-68.	1.4	16
123	Disturbance of DKK1 level is partly involved in survival of lung cancer cells via regulation of ROMO1 and $\hat{l}^3$ -radiation sensitivity. Biochemical and Biophysical Research Communications, 2014, 443, 49-55.	1.0	19
124	An emerging role for bone in interorgan communication and the pathogenesis of metabolic disease. Surgery for Obesity and Related Diseases, 2014, 10, 303-306.	1.0	0
125	Romosozumab in Postmenopausal Women with Low Bone Mineral Density. New England Journal of Medicine, 2014, 370, 412-420.	13.9	981
126	miR-30-5p Functions as a Tumor Suppressor and Novel Therapeutic Tool by Targeting the Oncogenic Wnt/ $\hat{l}^2$ -Catenin/BCL9 Pathway. Cancer Research, 2014, 74, 1801-1813.	0.4	174
127	Role of miRNAs in bone and their potential as therapeutic targets. Current Opinion in Pharmacology, 2014, 16, 133-141.	1.7	46
128	Development of the lateral line canal system through a bone remodeling process in zebrafish. Developmental Biology, 2014, 392, 1-14.	0.9	36
129	Exercise, Hormones, and Skeletal Adaptations During Childhood and Adolescence. Pediatric Exercise Science, 2014, 26, 384-391.	0.5	22

#	Article	IF	CITATIONS
130	Oridonin inhibits the proliferation of human osteosarcoma cells by suppressing Wnt/ $\hat{l}^2$ -catenin signaling. International Journal of Oncology, 2014, 45, 795-803.	1.4	31
131	N-cadherin Restrains PTH Activation of Lrp6 $\hat{l}^2$ -catenin Signaling and Osteoanabolic Action. Journal of Bone and Mineral Research, 2015, 30, 274-285.	3.1	37
132	T Cell–Expressed CD40L Potentiates the Bone Anabolic Activity of Intermittent PTH Treatment. Journal of Bone and Mineral Research, 2015, 30, 695-705.	3.1	33
133	Effect of low-level mechanical vibration on osteogenesis and osseointegration of porous titanium implants in the repair of long bone defects. Scientific Reports, 2015, 5, 17134.	1.6	27
134	New Genetic Forms of Childhood-Onset Primary Osteoporosis. Hormone Research in Paediatrics, 2015, 84, 361-369.	0.8	27
135	Evaluation of bone mineral density and bone strength in autochthonous transgenic model mice for diabetes mellitus (Akita mice). Osteoporosis and Sarcopenia, 2015, 1, 98-102.	0.7	2
136	Treatment of a mouse model of ankylosing spondylitis with exogenous sclerostin has no effect on disease progression. BMC Musculoskeletal Disorders, 2015, 16, 368.	0.8	11
137	Sclerostin, Osteocytes, and Chronic Kidney Disease – Mineral Bone Disorder. Seminars in Dialysis, 2015, 28, 578-586.	0.7	31
138	Genetics of Bone Mass in Childhood and Adolescence: Effects of Sex and Maturation Interactions. Journal of Bone and Mineral Research, 2015, 30, 1676-1683.	3.1	39
139	Genetic Approaches To Identifying Novel Osteoporosis Drug Targets. Journal of Cellular Biochemistry, 2015, 116, 2139-2145.	1.2	31
140	Comment on: Wnt Signaling Inhibits Osteoclast Differentiation by Activating Canonical and Non-Canonical cAMP/PKA Pathways. Journal of Bone and Mineral Research, 2015, 30, 2133-2134.	3.1	1
141	Effects of Combined Exposure to Lead and High-Fat Diet on Bone Quality in Juvenile Male Mice. Environmental Health Perspectives, 2015, 123, 935-943.	2.8	49
142	Cilia Ift protein and motor -related bone diseases and mouse models. Frontiers in Bioscience - Landmark, 2015, 20, 515-555.	3.0	29
143	Epidemiology and management of osteoporosis in the People's Republic of China: current perspectives. Clinical Interventions in Aging, 2015, 10, 1017.	1.3	151
144	Pigment Epithelium-Derived Factor (PEDF) is a Determinant of Stem Cell Fate: Lessons from an Ultra-Rare Disease. Journal of Developmental Biology, 2015, 3, 112-128.	0.9	14
145	Sclerostin inhibition: a novel therapeutic approach in the treatment of osteoporosis. International Journal of Women's Health, 2015, 7, 565.	1.1	43
146	Inhibited Wnt Signaling Causes Age-Dependent Abnormalities in the Bone Matrix Mineralization in the Apert Syndrome FGFR2S252W/+ Mice. PLoS ONE, 2015, 10, e112716.	1.1	10
147	Activation of HIFa Pathway in Mature Osteoblasts Disrupts the Integrity of the Osteocyte/Canalicular Network. PLoS ONE, 2015, 10, e0121266.	1,1	18

#	Article	IF	CITATIONS
148	Altered Expression of Wnt Signaling Pathway Components in Osteogenesis of Mesenchymal Stem Cells in Osteoarthritis Patients. PLoS ONE, 2015, 10, e0137170.	1.1	29
149	Neural Differentiation of Human Adipose Tissue-Derived Stem Cells Involves Activation of the Wnt5a/JNK Signalling. Stem Cells International, 2015, 2015, 1-7.	1.2	39
150	Ghrelin Increases Beta-Catenin Level through Protein Kinase A Activation and Regulates OPG Expression in Rat Primary Osteoblasts. International Journal of Endocrinology, 2015, 2015, 1-10.	0.6	11
151	Bone Regulates Glucose Metabolism as an Endocrine Organ through Osteocalcin. International Journal of Endocrinology, 2015, 2015, 1-9.	0.6	39
152	Serum dickkopf-1 is a novel serological biomarker for the diagnosis and prognosis of pancreatic cancer. Oncotarget, 2015, 6, 19907-19917.	0.8	57
153	The Influence of DNA Methylation on Bone Cells. Current Genomics, 2015, 16, 384-392.	0.7	18
154	A One–Two Punch to Bone: Assessing the Combined Impact of Lead and a High-Fat Diet. Environmental Health Perspectives, 2015, 123, A264.	2.8	0
155	Endocrine Metabolism I. , 2015, , 531-544.		0
156	Regulatory–auxiliary subunits of CLC chloride channel–transport proteins. Journal of Physiology, 2015, 593, 4111-4127.	1.3	17
157	Genetic determination of the cellular basis of the ghrelin-dependent bone remodeling. Molecular Metabolism, 2015, 4, 175-185.	3.0	13
158	Lrp4 in osteoblasts suppresses bone formation and promotes osteoclastogenesis and bone resorption. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3487-3492.	3.3	76
159	Increased NF-κB Activity and Decreased Wnt/β-Catenin Signaling Mediate Reduced Osteoblast Differentiation and Function in ΰF508 Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Mice. Journal of Biological Chemistry, 2015, 290, 18009-18017.	1.6	44
160	PEDF and its roles in physiological and pathological conditions: implication in diabetic and hypoxia-induced angiogenic diseases. Clinical Science, 2015, 128, 805-823.	1.8	112
161	Boehmenan, a lignan from Hibiscus ficulneus, showed Wnt signal inhibitory activity. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2735-2738.	1.0	7
162	Role of Regulators of G Protein Signaling Proteins in Bone Physiology and Pathophysiology. Progress in Molecular Biology and Translational Science, 2015, 133, 47-75.	0.9	20
163	Plasma Sclerostin in HIV-Infected Adults on Effective Antiretroviral Therapy. AIDS Research and Human Retroviruses, 2015, 31, 731-738.	0.5	6
164	The osteocyte: key player in regulating bone turnover. RMD Open, 2015, 1, e000049.	1.8	71
165	Wnt signaling in bone and muscle. Bone, 2015, 80, 60-66.	1.4	114

#	Article	IF	Citations
167	Osteocytes and Skeletal Pathophysiology. Current Molecular Biology Reports, 2015, 1, 157-167.	0.8	44
168	The effect of low-magnitude whole body vibration on bone density and microstructure in men and women with chronic motor complete paraplegia. Journal of Spinal Cord Medicine, 2015, 38, 178-186.	0.7	22
169	Reengineering autologous bone grafts with the stem cell activator WNT3A. Biomaterials, 2015, 47, 29-40.	5.7	43
170	Sclerostin and CKD-MBD. Current Osteoporosis Reports, 2015, 13, 159-165.	1.5	5
171	Wnt Signaling. Journal of the American Academy of Orthopaedic Surgeons, The, 2015, 23, 67-68.	1.1	18
172	Emerging Regenerative Approaches for Periodontal Reconstruction: A Systematic Review From the AAP Regeneration Workshop. Journal of Periodontology, 2015, 86, S134-52.	1.7	60
173	The osteoblastic niche in the context of multiple myeloma. Annals of the New York Academy of Sciences, 2015, 1335, 45-62.	1.8	49
174	Alveolar Bone Turnover and Periodontal Ligament Width Are Controlled by Wnt. Journal of Periodontology, 2015, 86, 319-326.	1.7	46
175	Anabolic Bone Formation Via a Site-Specific Bone-Targeting Delivery System by Interfering With Semaphorin 4d Expression. Journal of Bone and Mineral Research, 2015, 30, 286-296.	3.1	72
176	The Anti-Osteoanabolic Function of Sclerostin Is Blunted in Mice Carrying a High Bone Mass Mutation of Lrp5. Journal of Bone and Mineral Research, 2015, 30, 1175-1183.	3.1	38
177	Molecular Actions of Parathyroid Hormone. , 2015, , 119-126.		2
178	CORRIGENDA. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3219-3219.	1.8	16
179	The Osteogenic Niche Promotes Early-Stage Bone Colonization of Disseminated Breast Cancer Cells. Cancer Cell, 2015, 27, 193-210.	7.7	308
180	Osteocytes mediate the anabolic actions of canonical Wnt/ $\hat{l}^2$ -catenin signaling in bone. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E478-86.	3.3	223
181	PTH1–34 Blocks Radiation-induced Osteoblast Apoptosis by Enhancing DNA Repair through Canonical Wnt Pathway. Journal of Biological Chemistry, 2015, 290, 157-167.	1.6	51
182	Osteoblast dysfunctions in bone diseases: from cellular and molecular mechanisms to therapeutic strategies. Cellular and Molecular Life Sciences, 2015, 72, 1347-1361.	2.4	59
183	Wnts are dispensable for differentiation and self-renewal of adult murine hematopoietic stem cells. Blood, 2015, 126, 1086-1094.	0.6	58
184	Crystallization and preliminary X-ray crystallographic analysis of the sclerostin-neutralizing Fab AbD09097. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 388-392.	0.4	2

#	Article	IF	Citations
185	Wnt $\hat{l}^2$ -Catenin Signaling Mediates Osteoblast Differentiation Triggered by Peptide-induced $\hat{l}\pm 5\hat{l}^21$ Integrin Priming in Mesenchymal Skeletal Cells. Journal of Biological Chemistry, 2015, 290, 6903-6912.	1.6	91
186	SIRT6 deficiency culminates in low-turnover osteopenia. Bone, 2015, 81, 168-177.	1.4	31
187	Bone biology, signaling pathways, and therapeutic targets for osteoporosis. Maturitas, 2015, 82, 245-255.	1.0	54
188	Bone Mineral Density in Children with Fanconi Anemia after Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2015, 21, 894-899.	2.0	13
189	EphB4 Promotes Osteogenesis of CTLA4-Modified Bone Marrow-Derived Mesenchymal Stem Cells Through Cross Talk with Wnt Pathway in Xenotransplantation. Tissue Engineering - Part A, 2015, 21, 2416-2428.	1.6	20
190	Sclerostin and DKK1: new players in renal bone and vascular disease. Kidney International, 2015, 88, 235-240.	2.6	118
191	A trans-ethnic genome-wide association study identifies gender-specific loci influencing pediatric aBMD and BMC at the distal radius. Human Molecular Genetics, 2015, 24, 5053-5059.	1.4	48
192	Fibroblast Growth Factor 23. Veterinary Pathology, 2015, 52, 770-784.	0.8	28
193	Identification of MicroRNA for Intermuscular Bone Development in Blunt Snout Bream (Megalobrama) Tj ETQq0	0 0 rgBT /	Ovgrlock 10 <sup>-</sup>
194	Wnt16 regulates osteoclast differentiation in conjunction with Wnt5a. Biochemical and Biophysical Research Communications, 2015, 463, 1278-1283.	1.0	39
195	Acute phase serum amyloid A induces proinflammatory cytokines and mineralization via toll-like receptor 4 in mesenchymal stem cells. Stem Cell Research, 2015, 15, 231-239.	0.3	47
196	Bone morphogenetic protein signaling in bone homeostasis. Bone, 2015, 80, 43-59.	1.4	163
197	Understanding the local actions of lipids in bone physiology. Progress in Lipid Research, 2015, 59, 126-146.	<b>5.</b> 3	94
198	A unified model for bone–renal mineral and energy metabolism. Current Opinion in Pharmacology, 2015, 22, 64-71.	1.7	24
199	Extracellular matrix-inspired growth factor delivery systems for bone regeneration. Advanced Drug Delivery Reviews, 2015, 94, 41-52.	6.6	214
200	Loss of sclerostin promotes osteoarthritis in mice via $\hat{l}^2$ -catenin-dependent and -independent Wnt pathways. Arthritis Research and Therapy, 2015, 17, 24.	1.6	94
201	Semaphorins., 2015,,.		6
202	A new WNT on the bone: WNT16, cortical bone thickness, porosity and fractures. BoneKEy Reports, 2015, 4, 669.	2.7	60

#	Article	IF	Citations
203	Deregulation of osteoblast differentiation in primary bone cancers., 2015,, 39-54.		1
204	Quantifying the osteocyte network in the human skeleton. Bone, 2015, 75, 144-150.	1.4	226
205	Dkk1 haploinsufficiency requires expression of Bmp2 for bone anabolic activity. Bone, 2015, 75, 151-160.	1.4	10
206	Dynamic interplay between bone and multiple myeloma: Emerging roles of the osteoblast. Bone, 2015, 75, 161-169.	1.4	55
207	Glucocerebrosidase deficiency in zebrafish affects primary bone ossification through increased oxidative stress and reduced Wnt/ $\hat{l}^2$ -catenin signaling. Human Molecular Genetics, 2015, 24, 1280-1294.	1.4	46
208	The <scp>WNT</scp> system: background and its role in bone. Journal of Internal Medicine, 2015, 277, 630-649.	2.7	204
209	Emerging targets in osteoarthritis therapy. Current Opinion in Pharmacology, 2015, 22, 51-63.	1.7	142
210	High Bone Mass–Causing Mutant LRP5 Receptors Are Resistant to Endogenous Inhibitors <i>In Vivo</i> Journal of Bone and Mineral Research, 2015, 30, 1822-1830.	3.1	20
211	Signature of microRNA expression during osteogenic differentiation of bone marrow MSCs reveals a putative role of miR-335-5p in osteoarthritis. BMC Musculoskeletal Disorders, 2015, 16, 182.	0.8	38
212	Lgr6 marks nail stem cells and is required for digit tip regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13249-13254.	3.3	104
213	Sclerostin Serum Levels and Vascular Calcification Progression in Prevalent Renal Transplant Recipients. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4669-4676.	1.8	53
214	Bone remodeling in the context of cellular and systemic regulation: the role of osteocytes and the nervous system. Journal of Molecular Endocrinology, 2015, 55, R23-R36.	1.1	56
215	Tissue-Specific Stem Cell Niche. Pancreatic Islet Biology, 2015, , .	0.1	4
216	Skeletal Stem Cell Niche of the Bone Marrow. Pancreatic Islet Biology, 2015, , 245-279.	0.1	1
217	Sharpin Controls Osteogenic Differentiation of Mesenchymal Bone Marrow Cells. Journal of Immunology, 2015, 195, 3675-3684.	0.4	7
218	Diametrical diseases reflect evolutionary-genetic tradeoffs. Evolution, Medicine and Public Health, 2015, 2015, 216-253.	1.1	49
219	Wnt Signaling and Its Contribution to Craniofacial Tissue Homeostasis. Journal of Dental Research, 2015, 94, 1487-1494.	2.5	45
220	Andrographolide Exerts Pro-Osteogenic Effect by Activation of Wnt/β-Catenin Signaling Pathway in Vitro. Cellular Physiology and Biochemistry, 2015, 36, 2327-2339.	1.1	32

#	Article	IF	CITATIONS
221	Inhibition of Osteocyte Apoptosis Prevents the Increase in Osteocytic Receptor Activator of Nuclear Factor ÎB Ligand (RANKL) but Does Not Stop Bone Resorption or the Loss of Bone Induced by Unloading. Journal of Biological Chemistry, 2015, 290, 18934-18942.	1.6	74
222	Etiology and Pathogenesis of Psoriatic Arthritis. Rheumatic Disease Clinics of North America, 2015, 41, 643-663.	0.8	58
223	Effect of Recent Spinal Cord Injury on Wnt Signaling Antagonists (Sclerostin and Dkk-1) and Their Relationship With Bone Loss. A 12-Month Prospective Study. Journal of Bone and Mineral Research, 2015, 30, 1014-1021.	3.1	29
224	Synergistic effect of nanomaterials and BMP-2 signalling in inducing osteogenic differentiation of adipose tissue-derived mesenchymal stem cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 219-228.	1.7	28
226	Prostate cancer cells induce osteoblastic differentiation via semaphorin 3A. Prostate, 2015, 75, 370-380.	1.2	18
227	Noncanonical Wnt5a enhances Wnt/ $\hat{l}^2$ -catenin signaling during osteoblastogenesis. Scientific Reports, 2014, 4, 4493.	1.6	124
228	Preliminary mechanism on the methylation modification of Dkk-1 and Dkk-3 in hepatocellular carcinoma. Tumor Biology, 2015, 36, 1245-1250.	0.8	30
229	Cellular and molecular characterization of a novel primary osteoblast culture from the vertebrate model organism Xenopus tropicalis. Histochemistry and Cell Biology, 2015, 143, 431-442.	0.8	11
230	Anti-Sclerostin Antibody Treatment in a Rat Model of Progressive Renal Osteodystrophy. Journal of Bone and Mineral Research, 2015, 30, 499-509.	3.1	103
231	Uncovering the periosteum for skeletal regeneration: The stem cell that lies beneath. Bone, 2015, 70, 10-18.	1.4	207
232	HDAC5 Controls MEF2C-Driven Sclerostin Expression in Osteocytes. Journal of Bone and Mineral Research, 2015, 30, 400-411.	3.1	132
233	Fracture healing: mechanisms and interventions. Nature Reviews Rheumatology, 2015, 11, 45-54.	3.5	1,159
234	Osteoarthritis and the Immune System. , 2016, , 257-269.		1
235	N-Glycosylation of Human R-Spondin 1 Is Required for Efficient Secretion and Stability but Not for Its Heparin Binding Ability. International Journal of Molecular Sciences, 2016, 17, 937.	1.8	9
236	Osteoimmunology and the Osteoblast. , 2016, , 71-81.		4
237	Interleukin 6/Wnt interactions in rheumatoid arthritis: interleukin 6 inhibits Wnt signaling in synovial fibroblasts and osteoblasts. Croatian Medical Journal, 2016, 57, 89-98.	0.2	46
238	Sclerostin Antibody Therapy for the Treatment of Osteoporosis: Clinical Prospects and Challenges. Journal of Osteoporosis, 2016, 2016, 1-22.	0.1	50
239	Periostin: A Downstream Mediator of EphB4-Induced Osteogenic Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells. Stem Cells International, 2016, 2016, 1-11.	1.2	13

#	Article	IF	CITATIONS
240	Semaphorin 3A Shifts Adipose Mesenchymal Stem Cells towards Osteogenic Phenotype and Promotes Bone Regeneration In Vivo. Stem Cells International, 2016, 2016, 1-13.	1.2	22
241	Interactions between bone cells and biomaterials An update. Frontiers in Bioscience - Scholar, 2016, 8, 227-263.	0.8	8
242	Genetics of osteoporosis: searching for candidate genes for bone fragility. Archives of Endocrinology and Metabolism, 2016, 60, 391-401.	0.3	37
243	Treadmill running exercise prevents senile osteoporosis and upregulates the Wnt signaling pathway in SAMP6 mice. Oncotarget, 2016, 7, 71072-71086.	0.8	22
244	The role of Wnt signaling in periodontal tissue. Journal of Japanese Society of Periodontology, 2016, 58, 16-24.	0.1	0
245	Nonproliferative and Proliferative Lesions of the Rat and Mouse Skeletal Tissues (Bones, Joints, and) Tj ETQq $1\ 1\ C$	).784314 0.3	rgBT/Overlo
246	Molecular Mechanisms of Obesity-Induced Osteoporosis and Muscle Atrophy. Frontiers in Physiology, 2016, 7, 439.	1.3	83
248	Enhanced Wnt signaling improves bone mass and strength, but not brittleness, in the Col1a1 +/mov13 mouse model of type I Osteogenesis Imperfecta. Bone, 2016, 90, 127-132.	1.4	18
249	Immobilized WNT Proteins Act as a Stem Cell Niche for Tissue Engineering. Stem Cell Reports, 2016, 7, 126-137.	2.3	24
250	Turning over renal osteodystrophy dogma: direct actions of FGF23 on osteoblast $\hat{l}^2$ -catenin pathway. Kidney International, 2016, 90, 17-20.	2.6	9
251	Our periodontal tissue: a masterpiece of evolution. Journal of Clinical Periodontology, 2016, 43, 320-322.	2.3	11
252	Protection From Glucocorticoid-Induced Osteoporosis by Anti-Catabolic Signaling in the Absence of Sost/Sclerostin. Journal of Bone and Mineral Research, 2016, 31, 1791-1802.	3.1	95
253	Rescuing failed oral implants viaÂWnt activation. Journal of Clinical Periodontology, 2016, 43, 180-192.	2.3	24
254	Black Rice ( <i>Oryza Sativa</i> , Heukmi) Extracts Stimulate Osteogenesis but Inhibit Adipogenesis in Mesenchymal C3H10T1/2 Cells. Journal of Food Biochemistry, 2016, 40, 235-247.	1.2	12
255	Skeletal Characteristics of WNT1 Osteoporosis in Children and Young Adults. Journal of Bone and Mineral Research, 2016, 31, 1734-1742.	3.1	46
256	Understanding craniosynostosis as a growth disorder. Wiley Interdisciplinary Reviews: Developmental Biology, 2016, 5, 429-459.	5.9	80
257	Sclerostin Antibody Treatment Improves the Bone Phenotype of <i>Crtapâ€"/â€" </i> Mice, a Model of Recessive Osteogenesis Imperfecta. Journal of Bone and Mineral Research, 2016, 31, 1030-1040.	3.1	70
258	Mechanical Vibration Mitigates the Decrease of Bone Quantity and Bone Quality of Leptin Receptor-Deficient <i>Db/Db</i> Mice by Promoting Bone Formation and Inhibiting Bone Resorption. Journal of Bone and Mineral Research, 2016, 31, 1713-1724.	3.1	26

#	ARTICLE	IF	CITATIONS
259	Physical Activity Benefits the Skeleton of Children Genetically Predisposed to Lower Bone Density in Adulthood. Journal of Bone and Mineral Research, 2016, 31, 1504-1512.	3.1	28
260	Geneâ€expression analysis of cementoblasts and osteoblasts. Journal of Periodontal Research, 2016, 51, 304-312.	1.4	29
261	Sclerostin Expression in Bile Ducts of Patients With Chronic Cholestasis May Influence the Bone Disease in Primary Biliary Cirrhosis. Journal of Bone and Mineral Research, 2016, 31, 1725-1733.	3.1	27
262	Chronic High Dose Alcohol Induces Osteopenia via Activation of mTOR Signaling in Bone Marrow Mesenchymal Stem Cells. Stem Cells, 2016, 34, 2157-2168.	1.4	51
263	Skeletal inflammation and attenuation of Wnt signaling, Wnt ligand expression, and bone formation in atherosclerotic ApoE-null mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E762-E773.	1.8	28
264	The Effect of Vibration Treatments Combined with Teriparatide or Strontium Ranelate on Bone Healing and Muscle in Ovariectomized Rats. Calcified Tissue International, 2016, 99, 408-422.	1.5	32
265	Overexpression of <scp>RANKL</scp> in osteoblasts: a possible mechanism of susceptibility to bone disease in cystic fibrosis. Journal of Pathology, 2016, 240, 50-60.	2.1	20
266	The anabolic action of intermittent parathyroid hormone on cortical bone depends partly on its ability to induce nitric oxideâ€mediated vasorelaxation in BALB/c mice. Cell Biochemistry and Function, 2016, 34, 52-62.	1.4	17
267	Parenteral exposure to DEHP and its effect on the microstructure of bone and Wnt signaling pathway in F2 female mice. Biochip Journal, 2016, 10, 233-240.	2.5	4
268	Anti-IL-20 monoclonal antibody promotes bone fracture healing through regulating IL-20-mediated osteoblastogenesis. Scientific Reports, 2016, 6, 24339.	1.6	24
269	Calcium Homeostasis in Health and in Kidney Disease. , 2016, 6, 1781-1800.		38
270	Wnt5a is a key target for the pro-osteogenic effects of iron chelation on osteoblast progenitors. Haematologica, 2016, 101, 1499-1507.	1.7	45
271	Decreased Circulating Sclerostin Levels in Renal Transplant Recipients With Persistent Hyperparathyroidism. Transplantation, 2016, 100, 2188-2193.	0.5	21
272	Rat Osteosarcoma Cells as a Therapeutic Target Model for Osteoregeneration via Sclerostin Knockdown. Cells Tissues Organs, 2016, 201, 366-379.	1.3	7
273	Diabetes and disordered bone metabolism (diabetic osteodystrophy): time for recognition. Osteoporosis International, 2016, 27, 1931-1951.	1.3	37
274	Sialoglycoprotein Isolated from Eggs of <i>Carassius auratus</i> Ameliorates Osteoporosis: An Effect Associated with Regulation of the Wnt/ $\hat{l}^2$ -Catenin Pathway in Rodents. Journal of Agricultural and Food Chemistry, 2016, 64, 2875-2882.	2.4	22
275	Osteocytic signalling pathways as therapeutic targets for bone fragility. Nature Reviews Endocrinology, 2016, 12, 593-605.	4.3	145
276	P2X7 nucleotide receptor signaling potentiates the Wnt/ $\hat{l}^2$ -catenin pathway in cells of the osteoblast lineage. Purinergic Signalling, 2016, 12, 509-520.	1.1	17

#	ARTICLE	IF	CITATIONS
277	The genetics of bone mass and susceptibility to bone diseases. Nature Reviews Rheumatology, 2016, 12, 323-334.	3.5	59
278	Dentin Dysplasia in <i>Notum</i> Knockout Mice. Veterinary Pathology, 2016, 53, 853-862.	0.8	23
279	Selective enrichment of microRNAs in extracellular matrix vesicles produced by growth plate chondrocytes. Bone, 2016, 88, 47-55.	1.4	48
280	Local and targeted drug delivery for bone regeneration. Current Opinion in Biotechnology, 2016, 40, 125-132.	3.3	70
281	Cartilage. , 2016, , .		3
282	Dendritic-cell-derived osteoclasts: a new game changer in bone-resorption-associated diseases. Drug Discovery Today, 2016, 21, 1345-1354.	3.2	36
283	Direct inhibition of osteoblastic Wnt pathway byÂfibroblast growth factor 23 contributes toÂboneÂloss in chronic kidney disease. Kidney International, 2016, 90, 77-89.	2.6	120
284	Current Understanding on Role of the Wnt Signaling Pathway Effector TCF7L2 in Glucose Homeostasis. Endocrine Reviews, 2016, 37, 254-277.	8.9	93
285	Signaling mechanisms implicated in cranial sutures pathophysiology: Craniosynostosis. BBA Clinical, 2016, 6, 165-176.	4.1	53
286	Smad4 controls bone homeostasis through regulation of osteoblast/osteocyte viability. Experimental and Molecular Medicine, 2016, 48, e256-e256.	3.2	32
287	Bone Development in Children and Adolescents. , 2016, , 77-94.		1
288	Combination therapeutics in complex diseases. Journal of Cellular and Molecular Medicine, 2016, 20, 2231-2240.	1.6	76
289	rhHMGB1 drives osteoblast migration in a TLR2/TLR4- and NF-κB-dependent manner. Bioscience Reports, 2016, 36, e00300.	1.1	22
290	Frizzled Receptors in Development and Disease. Current Topics in Developmental Biology, 2016, 117, 113-139.	1.0	112
291	Genetic risk score based on the prevalence of vertebral fracture in Japanese women with osteoporosis. Bone Reports, 2016, 5, 168-172.	0.2	15
292	An update on bone imaging and markers in chronic kidney disease. Expert Review of Endocrinology and Metabolism, 2016, 11, 455-466.	1.2	0
293	Bone Disease in Multiple Myeloma. Cancer Treatment and Research, 2016, 169, 251-270.	0.2	23
294	Plasma Cell Dyscrasias. Cancer Treatment and Research, 2016, , .	0.2	3

#	Article	IF	CITATIONS
295	Modeling and remodeling effects of intermittent administration of teriparatide (parathyroid) Tj ETQq0 0 0 rgBT /Ov Reports, 2016, 5, 173-180.	verlock 10 0.2	) Tf 50 747 1 14
296	Low density lipoprotein receptor-related protein 5 gene polymorphisms and osteoporosis in Thai menopausal women. Journal of Negative Results in BioMedicine, 2016, 15, 16.	1.4	7
297	Novel Genetic Variants Associated With Increased Vertebral Volumetric BMD, Reduced Vertebral Fracture Risk, and Increased Expression of <i>SLC1A3</i> and <i>EPHB2</i> Journal of Bone and Mineral Research, 2016, 31, 2085-2097.	3.1	42
298	Activation of Wnt Signaling by Mechanical Loading Is Impaired in the Bone of Old Mice. Journal of Bone and Mineral Research, 2016, 31, 2215-2226.	3.1	117
299	From restoration to regeneration: periodontal aging and opportunities for therapeutic intervention. Periodontology 2000, 2016, 72, 19-29.	6.3	21
300	Low bone mineral density in patients with type 1 diabetes: association with reduced expression of <i>IGF1</i> , <i>IGF1R</i> and <i>TGF B 1</i> in peripheral blood mononuclear cells. Diabetes/Metabolism Research and Reviews, 2016, 32, 589-595.	11.7	20
301	Wnt5a mediated canonical Wnt signaling pathway activation in orthodontic tooth movement: possible role in the tension force-induced bone formation. Journal of Molecular Histology, 2016, 47, 455-466.	1.0	48
302	Multiple myeloma in the marrow: pathogenesis and treatments. Annals of the New York Academy of Sciences, 2016, 1364, 32-51.	1.8	132
303	The role of bone biopsy for the diagnosis of renal osteodystrophy: a short overview and future perspectives. Journal of Nephrology, 2016, 29, 617-626.	0.9	16
304	Carcinogenicity risk assessment of romosozumab: A review of scientific weight-of-evidence and findings in a rat lifetime pharmacology study. Regulatory Toxicology and Pharmacology, 2016, 81, 212-222.	1.3	71
305	The sclerostin-neutralizing antibody AbD09097 recognizes an epitope adjacent to sclerostin's binding site for the Wnt co-receptor LRP6. Open Biology, 2016, 6, 160120.	1.5	12
306	Parathyroid hormone induces expression and proteolytic processing of Rankl in primary murine osteoblasts. Bone, 2016, 92, 85-93.	1.4	14
307	Genotype-phenotype analysis of a rare type of osteogenesis imperfecta in four Chinese families with WNT1 mutations. Clinica Chimica Acta, 2016, 461, 172-180.	0.5	21
308	The progressive ankylosis protein ANK facilitates clathrin- and adaptor-mediated membrane traffic at the trans-Golgi network-to-endosome interface. Human Molecular Genetics, 2016, 25, 3836-3848.	1.4	10
309	Renal Handling of Sclerostin in Response to Acute Glomerular Filtration Decline. Hormone and Metabolic Research, 2016, 48, 457-461.	0.7	3
310	Pigment Epithelium-derived Factor (PEDF) Blocks Wnt3a Protein-induced Autophagy in Pancreatic Intraepithelial Neoplasms. Journal of Biological Chemistry, 2016, 291, 22074-22085.	1.6	10
311	The interaction of Wnt-11 and signalling cascades in prostate cancer. Tumor Biology, 2016, 37, 13049-13057.	0.8	7
312	Distinct Gene Expression Patterns Defining Human Osteoblasts' Response to BMP2 Treatment: Is the Therapeutic Success All a Matter of Timing?. European Surgical Research, 2016, 57, 197-210.	0.6	7

#	ARTICLE	IF	CITATIONS
313	Protein Phosphatase PP5 Controls Bone Mass and the Negative Effects of Rosiglitazone on Bone through Reciprocal Regulation of PPARÎ $^3$ (Peroxisome Proliferator-activated Receptor Î $^3$ ) and RUNX2 (Runt-related Transcription Factor 2). Journal of Biological Chemistry, 2016, 291, 24475-24486.	1.6	21
314	Pulsed electromagnetic fields promote osteogenesis and osseointegration of porous titanium implants in bone defect repair through a Wnt/ $\hat{l}^2$ -catenin signaling-associated mechanism. Scientific Reports, 2016, 6, 32045.	1.6	52
315	From Research to the Clinic., 2016,, 441-457.		0
316	Basic science of osteoarthritis. Journal of Experimental Orthopaedics, 2016, 3, 22.	0.8	69
317	Pigment epithelium-derived factor (PEDF) normalizes matrix defects in iPSCs derived from Osteogenesis imperfecta Type VI. Rare Diseases (Austin, Tex ), 2016, 4, e1212150.	1.8	3
318	PPARG Post-translational Modifications Regulate Bone Formation and Bone Resorption. EBioMedicine, 2016, 10, 174-184.	2.7	64
319	A bispecific antibody targeting sclerostin and DKK-1 promotes bone mass accrual and fracture repair. Nature Communications, $2016$ , $7$ , $11505$ .	5.8	200
320	Differential mechanisms of de-regulated bone formation in rheumatoid arthritis and spondyloarthritis. Rheumatology, 2016, 55, ii56-ii60.	0.9	16
321	CathepsinKCre mediated deletion of $\hat{l}^2$ catenin results in dramatic loss of bone mass by targeting both osteoclasts and osteoblastic cells. Scientific Reports, 2016, 6, 36201.	1.6	21
322	Bone Formation and the Wnt Signaling Pathway. New England Journal of Medicine, 2016, 375, 1902-1903.	13.9	19
323	Chronic skin inflammation leads to bone loss by IL-17–mediated inhibition of Wnt signaling in osteoblasts. Science Translational Medicine, 2016, 8, 330ra37.	5.8	133
324	Sclerostin: More than a bone formation brake. Science Translational Medicine, 2016, 8, 330fs7.	5.8	5
325	Sclerostin and Bone Aging: A Mini-Review. Gerontology, 2016, 62, 618-623.	1.4	37
326	Specification of osteoblast cell fate by canonical Wnt signaling requires <i>Bmp2</i> . Development (Cambridge), 2016, 143, 4352-4367.	1.2	36
327	miR-203 inhibits the traumatic heterotopic ossification by targeting Runx2. Cell Death and Disease, 2016, 7, e2436-e2436.	2.7	30
328	Romosozumab — getting there but not quite yet. Nature Reviews Endocrinology, 2016, 12, 691-692.	4.3	6
329	Inhibition of IL-1R1/MyD88 signalling promotes mesenchymal stem cell-driven tissue regeneration. Nature Communications, 2016, 7, 11051.	5.8	104
330	SIKs control osteocyte responses to parathyroid hormone. Nature Communications, 2016, 7, 13176.	5.8	124

#	Article	IF	CITATIONS
331	Bone demineralization is improved by ivacaftor in patients with cystic fibrosis carrying the p.Gly551Asp mutation. Journal of Cystic Fibrosis, 2016, 15, e67-e69.	0.3	33
332	Exploiting endogenous fibrocartilage stem cells to regenerate cartilage and repair joint injury.  Nature Communications, 2016, 7, 13073.	5.8	124
333	Dynamic mRNA and miRNA expression analysis in response to intermuscular bone development of blunt snout bream (Megalobrama amblycephala). Scientific Reports, 2016, 6, 31050.	1.6	39
334	Bone Density and Dental External Apical Root Resorption. Current Osteoporosis Reports, 2016, 14, 292-309.	1.5	37
335	Polygonatum sibiricum polysaccharide inhibits osteoporosis by promoting osteoblast formation and blocking osteoclastogenesis through Wnt/ $\hat{l}^2$ -catenin signalling pathway. Scientific Reports, 2016, 6, 32261.	1.6	43
336	Pharmacological and biological therapeutic strategies for osteogenesis imperfecta. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2016, 172, 367-383.	0.7	53
337	Hypoxia mediates osteocyte ORP150 expression and cell death in vitro. Molecular Medicine Reports, 2016, 14, 4248-4254.	1.1	15
338	sFRP4-dependent Wnt signal modulation is critical for bone remodeling during postnatal development and age-related bone loss. Scientific Reports, 2016, 6, 25198.	1.6	62
339	Comparison of maternal isocaloric high carbohydrate and high fat diets on osteogenic and adipogenic genes expression in adolescent mice offspring. Nutrition and Metabolism, 2016, 13, 69.	1.3	5
340	Inhibition of <scp>GSK</scp> â€3 <i>β</i> increases trabecular bone volume but not cortical bone volume in adenineâ€induced uremic mice with severe hyperparathyroidism. Physiological Reports, 2016, 4, e13010.	0.7	7
341	Transient Canonical Wnt Stimulation Enriches Human Bone Marrow Mononuclear Cell Isolates for Osteoprogenitors. Stem Cells, 2016, 34, 418-430.	1.4	15
342	Pulsed electromagnetic fields promote in vitro osteoblastogenesis through a Wnt/l2â€catenin signalingâ€associated mechanism. Bioelectromagnetics, 2016, 37, 152-162.	0.9	45
343	Circadian Clock Regulates Bone Resorption in Mice. Journal of Bone and Mineral Research, 2016, 31, 1344-1355.	3.1	67
344	Has sclerostin a true endocrine metabolic action complementary to osteocalcin in older men?. Osteoporosis International, 2016, 27, 2301-2309.	1.3	12
345	Recent advances in the understanding of molecular mechanisms of cartilage degeneration, synovitis and subchondral bone changes in osteoarthritis. Connective Tissue Research, 2016, 57, 245-261.	1.1	62
346	Wnt Signaling in Cartilage Development. , 2016, , 229-252.		2
347	Merlin inhibits $Wnt/\hat{l}^2$ -catenin signaling by blocking LRP6 phosphorylation. Cell Death and Differentiation, 2016, 23, 1638-1647.	5.0	32
348	Polycomb Protein BMI1 Regulates Osteogenic Differentiation of Human Adipose Tissue-Derived Mesenchymal Stem Cells Downstream of GSK3. Stem Cells and Development, 2016, 25, 922-933.	1.1	6

#	Article	IF	CITATIONS
349	Mutations in WNT10B Are Identified in Individuals with Oligodontia. American Journal of Human Genetics, 2016, 99, 195-201.	2.6	91
350	Epithelium-Derived Wnt Ligands Are Essential for Maintenance of Underlying Digit Bone. Journal of Investigative Dermatology, 2016, 136, 1355-1363.	0.3	16
351	The systemic effects of sclerostin overexpression using $\hat{l}_{\parallel}^{\dagger}$ C31 integrase in mice. Biochemical and Biophysical Research Communications, 2016, 472, 471-476.	1.0	7
352	The role of R-spondins and their receptors in bone metabolism. Progress in Biophysics and Molecular Biology, 2016, 122, 93-100.	1.4	26
353	MiRNA profiling of whole trabecular bone: identification of osteoporosis-related changes in MiRNAs in human hip bones. BMC Medical Genomics, 2016, 8, 75.	0.7	67
354	Role of sclerostin in the pathogenesis of chronic kidney disease-mineral bone disorder. Renal Replacement Therapy, 2016, 2, .	0.3	13
356	Sclerostin Inhibition in the Management of Osteoporosis. Calcified Tissue International, 2016, 98, 370-380.	1.5	66
357	Modulation of unloading-induced bone loss in mice with altered ERK signaling. Mammalian Genome, 2016, 27, 47-61.	1.0	10
358	Ubiquitin-Specific Protease 4 Antagonizes Osteoblast Differentiation Through Dishevelled. Journal of Bone and Mineral Research, 2016, 31, 1888-1898.	3.1	26
359	Sclerostin Enhances Adipocyte Differentiation in 3T3‣1 Cells. Journal of Cellular Biochemistry, 2016, 117, 1419-1428.	1.2	71
360	Epigenetic Priming Confers Direct Cell Trans-Differentiation From Adipocyte to Osteoblast in a Transgene-Free State. Journal of Cellular Physiology, 2016, 231, 1484-1494.	2.0	19
361	Histone Chaperone SSRP1 is Essential for Wnt Signaling Pathway Activity During Osteoblast Differentiation. Stem Cells, 2016, 34, 1369-1376.	1.4	32
362	Cortical-Bone Fragility â€" Insights from sFRP4 Deficiency in Pyle's Disease. New England Journal of Medicine, 2016, 374, 2553-2562.	13.9	119
363	Value of rare low bone mass diseases for osteoporosis genetics. BoneKEy Reports, 2016, 5, 773.	2.7	13
364	WNT Signaling and the Regulation of Cell Adhesion and Differentiation., 2016,, 703-740.		2
365	Novel heterocyclic ring-fused oleanolic acid derivatives as osteoclast inhibitors for osteoporosis. MedChemComm, 2016, 7, 371-377.	3.5	5
367	Wnt signaling in cartilage development and diseases: lessons from animal studies. Laboratory Investigation, 2016, 96, 186-196.	1.7	165
368	Osteoblast and osteoclast behaviors in the turnover of attachment bones during medaka tooth replacement. Developmental Biology, 2016, 409, 370-381.	0.9	20

#	Article	IF	Citations
369	Rictor is required for optimal bone accrual in response to anti-sclerostin therapy in the mouse. Bone, 2016, 85, 1-8.	1.4	23
370	NF-κB Has a Direct Role in Inhibiting Bmp- and Wnt-Induced Matrix Protein Expression. Journal of Bone and Mineral Research, 2016, 31, 52-64.	3.1	33
371	High serum sclerostin levels in children with haemophilia A. British Journal of Haematology, 2016, 172, 293-295.	1.2	24
372	Transcriptional profiling of cortical versus cancellous bone from mechanically-loaded murine tibiae reveals differential gene expression. Bone, 2016, 86, 22-29.	1.4	59
373	Aluminum trichloride inhibits osteoblastic differentiation through inactivation of Wnt/ $\hat{l}^2$ -catenin signaling pathway in rat osteoblasts. Environmental Toxicology and Pharmacology, 2016, 42, 198-204.	2.0	22
374	Impaired bone remodeling in children with osteogenesis imperfecta treated and untreated with bisphosphonates: the role of DKK1, RANKL, and TNF- $\hat{l}\pm$ . Osteoporosis International, 2016, 27, 2355-2365.	1.3	52
375	Molecular Actions of Glucocorticoids in Cartilage and Bone During Health, Disease, and Steroid Therapy. Physiological Reviews, 2016, 96, 409-447.	13.1	173
376	Genetic deletion of keratin 8 corrects the altered bone formation and osteopenia in a mouse model of cystic fibrosis. Human Molecular Genetics, 2016, 25, 1281-1293.	1.4	13
377	Stimulation of cortical bone formation with thienopyrimidine based inhibitors of Notum Pectinacetylesterase. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1525-1528.	1.0	32
378	Osteoporosis: Pathophysiology and Epidemiology. , 2016, , 1-16.		0
379	Early and Sustained Changes in Bone Metabolism After Severe Burn Injury. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1506-1515.	1.8	13
380	Normal hematopoiesis and lack of $\hat{l}^2$ -catenin activation in osteoblasts of patients and mice harboring Lrp5 gain-of-function mutations. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 490-498.	1.9	4
381	Second generation sequencing of microRNA in Human Bone Cells treated with Parathyroid Hormone or Dexamethasone. Bone, 2016, 84, 181-188.	1.4	19
382	Bidirectional Notch Signaling and Osteocyte-Derived Factors in the Bone Marrow Microenvironment Promote Tumor Cell Proliferation and Bone Destruction in Multiple Myeloma. Cancer Research, 2016, 76, 1089-1100.	0.4	174
383	Novel biological markers of bone: from bone metabolism to bone physiology. Rheumatology, 2016, 55, 1714-1725.	0.9	81
384	Osteogenesis induced by frizzled-related protein (FRZB) is linked to the netrin-like domain. Laboratory Investigation, 2016, 96, 570-580.	1.7	15
385	Reduced Sirtuin1 expression at the femoral neck in women who sustained an osteoporotic hip fracture. Osteoporosis International, 2016, 27, 2373-2378.	1.3	21
386	Implications of the Interaction Between miRNAs and Autophagy in Osteoporosis. Calcified Tissue International, 2016, 99, 1-12.	1.5	24

#	Article	IF	CITATIONS
387	Synthesis of rocaglamide derivatives and evaluation of their Wnt signal inhibitory activities. Organic and Biomolecular Chemistry, 2016, 14, 3061-3068.	1.5	12
388	Experimental studies of bone mechanoadaptation: bridging in vitro and in vivo studies with multiscale systems. Interface Focus, 2016, 6, 20150071.	1.5	19
389	Osteoblast-Specific Overexpression of Human WNT16 Increases Both Cortical and Trabecular Bone Mass and Structure in Mice. Endocrinology, 2016, 157, 722-736.	1.4	43
390	MECHANISMS IN ENDOCRINOLOGY: Mechanisms and evaluation of bone fragility in type 1 diabetes mellitus. European Journal of Endocrinology, 2016, 174, R127-R138.	1.9	114
391	Path Analysis Identifies Receptor Activator of Nuclear Factor- $\hat{\mathbb{I}}^2$ B Ligand, Osteoprotegerin, and Sclerostin as Potential Mediators of the Tophus-bone Erosion Relationship in Gout. Journal of Rheumatology, 2016, 43, 445-449.	1.0	12
392	Developmental Bone Biology. , 2016, , 1-158.		O
393	The effects of proteasome inhibitors on bone remodeling in multiple myeloma. Bone, 2016, 86, 131-138.	1.4	39
394	The topographical properties of silica nanoparticle film preserve the osteoblast-like cell characteristics in vitro. Applied Surface Science, 2016, 376, 62-68.	3.1	0
395	Biofabrication of bone tissue: approaches, challenges and translation for bone regeneration. Biomaterials, 2016, 83, 363-382.	5.7	483
396	Regulation of bone metabolism by Wnt signals. Journal of Biochemistry, 2016, 159, 387-392.	0.9	167
397	Periostin action in bone. Molecular and Cellular Endocrinology, 2016, 432, 75-82.	1.6	135
398	Cancer stem cells in drug resistant lung cancer: Targeting cell surface markers and signaling pathways., 2016, 158, 71-90.		166
399	Sequence variants in the PTCH1 gene associate with spine bone mineral density and osteoporotic fractures. Nature Communications, 2016, 7, 10129.	5.8	58
400	Melatonin, bone regulation and the ubiquitin-proteasome connection: A review. Life Sciences, 2016, 145, 152-160.	2.0	62
401	Joint dysfunction and functional decline in middle age myostatin null mice. Bone, 2016, 83, 141-148.	1.4	4
402	The role of osteoclast differentiation and function in skeletal homeostasis. Journal of Biochemistry, 2016, 159, 1-8.	0.9	122
403	Bone disease in cystic fibrosis: new pathogenic insights opening novel therapies. Osteoporosis International, 2016, 27, 1401-1412.	1.3	33
404	Osteogenesis imperfecta. Lancet, The, 2016, 387, 1657-1671.	6.3	668

#	Article	IF	CITATIONS
405	Berberine promotes bone marrow-derived mesenchymal stem cells osteogenic differentiation via canonical Wnt/ $\hat{l}^2$ -catenin signaling pathway. Toxicology Letters, 2016, 240, 68-80.	0.4	94
406	Wnt/β-catenin signaling in bone marrow niche. Cell and Tissue Research, 2016, 363, 321-335.	1.5	64
407	Circulating sclerostin and dickkopf-1 levels in ossification of the posterior longitudinal ligament of the spine. Journal of Bone and Mineral Metabolism, 2016, 34, 315-324.	1.3	22
408	Effects of magnesium degradation products on mesenchymal stem cell fate and osteoblastogenesis. Gene, 2016, 575, 9-20.	1.0	66
409	RNA interference for multiple myeloma therapy: targeting signal transduction pathways. Expert Opinion on Therapeutic Targets, 2016, 20, 107-121.	1.5	16
411	Parathyroid Hormone and the Parathyroid Hormone Receptor Type 1 in the Regulation of Calcium and Phosphate Homeostasis and Bone Metabolism. , 2016, , 969-990.e10.		4
412	Strong effect of SNP rs4988300 of the LRP5 gene on bone phenotype of Caucasian postmenopausal women. Journal of Bone and Mineral Metabolism, 2016, 34, 79-85.	1.3	6
413	From skeletal to cardiovascular disease in 12 steps—the evolution of sclerostin as a major player in CKD-MBD. Pediatric Nephrology, 2016, 31, 195-206.	0.9	51
414	Tea and bone health: Findings from human studies, potential mechanisms, and identification of knowledge gaps. Critical Reviews in Food Science and Nutrition, 2017, 57, 1603-1617.	5.4	42
415	Adipose, Bone, and Myeloma: Contributions from the Microenvironment. Calcified Tissue International, 2017, 100, 433-448.	1.5	45
416	Lithiumâ€doped βâ€tricalcium phosphate: Effects on physical, mechanical and <i>in vitro</i> osteoblast cellâ€"material interactions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 391-399.	1.6	26
417	Glucocorticoids Hijack Runx2 to Stimulate <i>Wif1</i> for Suppression of Osteoblast Growth and Differentiation. Journal of Cellular Physiology, 2017, 232, 145-153.	2.0	23
418	Signaling pathways effecting crosstalk between cartilage and adjacent tissues. Seminars in Cell and Developmental Biology, 2017, 62, 16-33.	2.3	46
419	BMP9 a possible alternative drug for the recently withdrawn BMP7? New perspectives for (re-)implementation by personalized medicine. Archives of Toxicology, 2017, 91, 1353-1366.	1.9	37
420	The association between sclerostin and incident type 2 diabetes risk: a cohort study. Clinical Endocrinology, 2017, 86, 520-525.	1.2	30
421	Murine <i>Ranklâ^'/â^'</i> Mesenchymal Stromal Cells Display an Osteogenic Differentiation Defect Improved by a RANKL-Expressing Lentiviral Vector. Stem Cells, 2017, 35, 1365-1377.	1.4	18
422	Connexin37 deficiency alters organic bone matrix, cortical bone geometry, and increases Wnt $\hat{l}^2$ -catenin signaling. Bone, 2017, 97, 105-113.	1.4	22
423	Effect of boneâ€like hydroxyapatite/poly amino acid loaded with rifapentine microspheres on bone and joint tuberculosis in vitro. Cell Biology International, 2017, 41, 369-373.	1.4	4

#	Article	IF	CITATIONS
424	Administration of an activin receptor IIB ligand trap protects male juvenile rhesus macaques from simian immunodeficiency virus-associated bone loss. Bone, 2017, 97, 209-215.	1.4	6
425	Romosozumab for the treatment of osteoporosis. Expert Opinion on Biological Therapy, 2017, 17, 255-263.	1.4	78
426	Suppression of osteogenic activity by regulation of WNT and BMP signaling during titanium particle induced osteolysis. Journal of Biomedical Materials Research - Part A, 2017, 105, 912-926.	2.1	23
427	Molecular Involvement of the Bone Marrow Microenvironment in Bone Metastasis., 2017,, 263-276.		1
428	Bone Mass and Strength are Significantly Improved in Mice Overexpressing Human WNT16 in Osteocytes. Calcified Tissue International, 2017, 100, 361-373.	1.5	16
429	Self-assembly of pifithrin-α-loaded layered double hydroxide/chitosan nanohybrid composites as a drug delivery system for bone repair materials. Journal of Materials Chemistry B, 2017, 5, 2245-2253.	2.9	27
430	Healing efficacy of fracture-targeted GSK3 $\hat{l}^2$ inhibitor-loaded micelles for improved fracture repair. Nanomedicine, 2017, 12, 185-193.	1.7	11
431	Controlled release of core-shell ZSM-5/chitosan ellipsoids loaded with pifithrin-α for enhanced osteoinductivity. Materials and Design, 2017, 122, 118-127.	3.3	6
432	Basis of bone metabolism around dental implants during osseointegration and periâ€implant bone loss. Journal of Biomedical Materials Research - Part A, 2017, 105, 2075-2089.	2.1	159
433	New Target Sites for Treatment of Osteoporosis. Progress in Molecular and Subcellular Biology, 2017, 55, 187-219.	0.9	5
434	The effect of aging on the mechanical behaviour of cuticle in the locust Schistocerca gregaria. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 68, 247-251.	1.5	23
435	TGF-Î <sup>2</sup> Family Signaling in Connective Tissue and Skeletal Diseases. Cold Spring Harbor Perspectives in Biology, 2017, 9, a022269.	2.3	86
436	Periostin Upregulates Wnt/ $\hat{l}^2$ -Catenin Signaling to Promote the Osteogenesis of CTLA4-Modified Human Bone Marrow-Mesenchymal Stem Cells. Scientific Reports, 2017, 7, 41634.	1.6	35
437	Canalization Leads to Similar Whole Bone Mechanical Function at Maturity in Two Inbred Strains of Mice. Journal of Bone and Mineral Research, 2017, 32, 1002-1013.	3.1	8
438	The relationship between postmenopausal women's sclerostin levels and their bone density, age, body mass index, hormonal status, and smoking and consumption of coffee and dairy products. Archives of Gynecology and Obstetrics, 2017, 295, 785-793.	0.8	15
439	Novel bone metabolism-associated hormones: the importance of the pre-analytical phase for understanding their physiological roles. Endocrine, 2017, 56, 460-484.	1.1	15
440	Parathyroid hormone's enhancement of bones' osteogenic response to loading is affected by ageing in a dose- and time-dependent manner. Bone, 2017, 98, 59-67.	1.4	25
441	Nâ€cadherin Regulation of Bone Growth and Homeostasis Is Osteolineage Stage–Specific. Journal of Bone and Mineral Research, 2017, 32, 1332-1342.	3.1	19

#	Article	IF	Citations
442	Surgically-induced mouse models in the study of bone regeneration: Current models and future directions. Molecular Medicine Reports, 2017, 15, 1017-1023.	1.1	12
443	TIPE2 Inhibits the Expression of Asthma-Related Inflammatory Factors in Hyperstretched Bronchial Epithelial Cells Through the Wnt/ $\hat{l}^2$ -Catenin Pathway. Inflammation, 2017, 40, 770-777.	1.7	8
444	Osteoblastic Lrp4 promotes osteoclastogenesis by regulating ATP release and adenosine-A2AR signaling. Journal of Cell Biology, 2017, 216, 761-778.	2.3	20
445	Postnatal Calvarial Skeletal Stem Cells Expressing PRX1 Reside Exclusively inÂthe Calvarial Sutures and Are Required for Bone Regeneration. Stem Cell Reports, 2017, 8, 933-946.	2.3	113
446	Is there a role for newer biomarkers in chronic kidney diseaseâ€mineral and bone disorder management?. Nephrology, 2017, 22, 14-18.	0.7	6
447	Exploiting the WNT Signaling Pathway for Clinical Purposes. Current Osteoporosis Reports, 2017, 15, 153-161.	1.5	10
448	Biomarkers Predicting Bone Turnover in the Setting of CKD. Current Osteoporosis Reports, 2017, 15, 178-186.	1.5	34
449	Impaired WNT signaling and the spine—Heterozygous WNT1 mutation causes severe age-related spinal pathology. Bone, 2017, 101, 3-9.	1.4	25
450	Icariin protects against glucocorticoid induced osteoporosis, increases the expression of the bone enhancer DEC1 and modulates the PI3K/Akt/GSK3 $\hat{l}^2/\hat{l}^2$ -catenin integrated signaling pathway. Biochemical Pharmacology, 2017, 136, 109-121.	2.0	43
451	A novel pathogenic variant in the FZD6 gene causes recessive nail dysplasia in a large Iranian kindred. Journal of Dermatological Science, 2017, 88, 134-138.	1.0	2
452	Epigenetic Regulation of Sost/sclerostin Expression. Current Molecular Biology Reports, 2017, 3, 85-93.	0.8	4
453	Short-term application of dexamethasone on stem cells derived from human gingiva reduces the expression of RUNX2 and $\hat{l}^2$ -catenin. Journal of International Medical Research, 2017, 45, 993-1006.	0.4	11
454	Sclerostin and Adipose Tissue. Current Molecular Biology Reports, 2017, 3, 71-78.	0.8	2
455	Human type H vessels are a sensitive biomarker of bone mass. Cell Death and Disease, 2017, 8, e2760-e2760.	2.7	95
456	New PTH Signals Mediating Bone Anabolism. Current Molecular Biology Reports, 2017, 3, 133-141.	0.8	7
457	Osteogenesis imperfecta: new genes reveal novel mechanisms in bone dysplasia. Translational Research, 2017, 181, 27-48.	2.2	78
458	Peptides from Antarctic krill (Euphausia superba ) ameliorate senile osteoporosis via activating osteogenesis related BMP2/Smads and Wnt/ $\hat{l}^2$ -catenin pathway. Journal of Food Biochemistry, 2017, 41, e12381.	1.2	7
459	Bone Lining Cells: Normal Physiology and Role in Response to Anabolic Osteoporosis Treatments. Current Molecular Biology Reports, 2017, 3, 79-84.	0.8	18

#	Article	IF	Citations
460	The role of stromal cells in inflammatory bone loss. Clinical and Experimental Immunology, 2017, 189, 1-11.	1.1	33
461	Inhibiting the osteocyte-specific protein sclerostin increases bone mass and fracture resistance in multiple myeloma. Blood, 2017, 129, 3452-3464.	0.6	153
462	Adjuvant tamoxifen but not aromatase inhibitor therapy decreases serum levels of the Wnt inhibitor dickkopf-1 while not affecting sclerostin in breast cancer patients. Breast Cancer Research and Treatment, 2017, 164, 737-743.	1.1	8
463	Genetic deletion of Sost or pharmacological inhibition of sclerostin prevent multiple myeloma-induced bone disease without affecting tumor growth. Leukemia, 2017, 31, 2686-2694.	3.3	101
464	Bone Formation Is Coupled to Resorption Via Suppression of Sclerostin Expression by Osteoclasts. Journal of Bone and Mineral Research, 2017, 32, 2074-2086.	3.1	55
465	The SIAH E3 ubiquitin ligases promote Wnt/ $\hat{l}^2$ -catenin signaling through mediating Wnt-induced Axin degradation. Genes and Development, 2017, 31, 904-915.	2.7	62
466	Wnt/β-Catenin Signaling, Disease, and Emerging Therapeutic Modalities. Cell, 2017, 169, 985-999.	13.5	2,998
467	Integrin-Linked Kinase Regulates Bone Formation by Controlling Cytoskeletal Organization and Modulating BMP and Wnt Signaling in Osteoprogenitors. Journal of Bone and Mineral Research, 2017, 32, 2087-2102.	3.1	41
468	Uremic Toxicity and Bone in CKD. Journal of Nephrology, 2017, 30, 623-627.	0.9	51
469	New Insights Into the Local and Systemic Functions of Sclerostin: Regulation of Quiescent Bone Lining Cells and Beige Adipogenesis in Peripheral Fat Depots. Journal of Bone and Mineral Research, 2017, 32, 889-891.	3.1	6
470	Molecular diagnosis in children with fractures but no extraskeletal signs of osteogenesis imperfecta. Osteoporosis International, 2017, 28, 2095-2101.	1.3	29
471	Klotho expression in osteocytes regulates bone metabolism and controls bone formation. Kidney International, 2017, 92, 599-611.	2.6	86
472	Osteocytes and Their Messengers as Targets for the Treatment of Multiple Myeloma. Clinical Reviews in Bone and Mineral Metabolism, 2017, 15, 49-56.	1.3	4
473	The role of the progressive ankylosis protein (ANK) in adipogenic/osteogenic fate decision of precursor cells. Bone, 2017, 98, 38-46.	1.4	13
474	Novel Therapies for Postmenopausal Osteoporosis. Endocrinology and Metabolism Clinics of North America, 2017, 46, 207-219.	1.2	25
475	Damage, repair and regeneration in insect cuticle: The story so far, and possibilities for the future. Arthropod Structure and Development, 2017, 46, 49-55.	0.8	32
476	The Role of the Osteocyte in Bone and Nonbone Disease. Endocrinology and Metabolism Clinics of North America, 2017, 46, 1-18.	1.2	97
477	From the Cover: Embryonic Exposure to TCDD Impacts Osteogenesis of the Axial Skeleton in Japanese medaka, <i>Oryzias latipes &lt; /i&gt; . Toxicological Sciences, 2017, 155, 485-496.</i>	1.4	22

#	Article	IF	CITATIONS
478	WNT-activated bone grafts repair osteonecrotic lesions in aged animals. Scientific Reports, 2017, 7, 14254.	1.6	8
479	Psoralen stimulates osteoblast proliferation through the activation of nuclear factor-Î <sup>o</sup> B-mitogen-activated protein kinase signaling. Experimental and Therapeutic Medicine, 2017, 14, 2385-2391.	0.8	21
480	Neural EGF-like protein 1 (NELL-1): Signaling crosstalk in mesenchymal stem cells and applications in regenerative medicine. Genes and Diseases, 2017, 4, 127-137.	1.5	22
481	Changes in expression of Wnt signaling pathway inhibitors dickkopf-1 and sclerostin before and after total joint arthroplasty. Medicine (United States), 2017, 96, e8082.	0.4	5
482	Sclerostin: an Emerging Target for the Treatment of Cancer-Induced Bone Disease. Current Osteoporosis Reports, 2017, 15, 532-541.	1.5	20
483	Protective Effects of Pretreatment with Quercetin Against Lipopolysaccharide-Induced Apoptosis and the Inhibition of Osteoblast Differentiation via the MAPK and Wnt/β-Catenin Pathways in MC3T3-E1 Cells. Cellular Physiology and Biochemistry, 2017, 43, 1547-1561.	1.1	76
484	Exercise and bone health across the lifespan. Biogerontology, 2017, 18, 931-946.	2.0	155
485	Investigational anabolic agents for the treatment of osteoporosis: an update on recent developments. Expert Opinion on Investigational Drugs, 2017, 26, 1137-1144.	1.9	13
486	Possible role of Dickkopf-1 protein in the pathogenesis of tympanosclerosis in a rat model. Journal of Laryngology and Otology, 2017, 131, 860-865.	0.4	3
487	Osteogenesis imperfecta. Nature Reviews Disease Primers, 2017, 3, 17052.	18.1	481
488	Self-assembled N-cadherin mimetic peptide hydrogels promote the chondrogenesis of mesenchymal stem cells through inhibition of canonical Wnt/ $\hat{l}^2$ -catenin signaling. Biomaterials, 2017, 145, 33-43.	5.7	100
489	Osteoblasts and Osteocytes: Essentials and Methods. Learning Materials in Biosciences, 2017, , 17-31.	0.2	O
490	Evaluating the efficacy of functional electrical stimulation therapy assisted walking after chronic motor incomplete spinal cord injury: effects on bone biomarkers and bone strength. Journal of Spinal Cord Medicine, 2017, 40, 748-758.	0.7	18
491	Effects of low-intensity pulsed electromagnetic fields on bone microarchitecture, mechanical strength and bone turnover in type 2 diabetic db/db mice. Scientific Reports, 2017, 7, 10834.	1.6	21
492	LNGFR targets the Wnt/ $\hat{l}^2$ -catenin pathway and promotes the osteogenic differentiation in rat ectomesenchymal stem cells. Scientific Reports, 2017, 7, 11021.	1.6	24
493	Small-molecule Wnt agonists correct cleft palates in <i>Pax9</i> mutant mice <i>in utero</i> . Development (Cambridge), 2017, 144, 3819-3828.	1.2	50
494	Epigenetic inactivation of tumour suppressor coding and non-coding genes in human cancer: an update. Open Biology, 2017, 7, 170152.	1.5	68
495	Excessive Activation of TLR4/NF-κB Interactively Suppresses the Canonical Wnt/β-catenin Pathway and Induces SANFH in SD Rats. Scientific Reports, 2017, 7, 11928.	1.6	29

#	Article	IF	CITATIONS
496	Myeloma and Bone Disease. Current Osteoporosis Reports, 2017, 15, 483-498.	1.5	55
497	Unexpected Bone Formation Produced by RANKL Blockade. Trends in Endocrinology and Metabolism, 2017, 28, 695-704.	3.1	20
498	DKK1 promotes migration and invasion of non–small cell lung cancer via β-catenin signaling pathway. Tumor Biology, 2017, 39, 101042831770382.	0.8	28
499	Reverse engineering development: Crosstalk opportunities between developmental biology and tissue engineering. Journal of Orthopaedic Research, 2017, 35, 2356-2368.	1.2	20
500	Aging and osteoarthritis: Central role of the extracellular matrix. Ageing Research Reviews, 2017, 40, 20-30.	5.0	335
501	Effects of the incorporation of $\hat{l}\mu$ -aminocaproic acid/chitosan particles to fibrin on cementoblast differentiation and cementum regeneration. Acta Biomaterialia, 2017, 61, 134-143.	4.1	37
502	Dietary phlorizin enhances osteoblastogenic bone formation through enhancing $\hat{l}^2$ -catenin activity via GSK-3 $\hat{l}^2$ inhibition in a model of senile osteoporosis. Journal of Nutritional Biochemistry, 2017, 49, 42-52.	1.9	44
503	Treatment With a Soluble Bone Morphogenetic Protein Type 1A Receptor (BMPR1A) Fusion Protein Increases Bone Mass and Bone Formation in Mice Subjected to Hindlimb Unloading. JBMR Plus, 2017, 1, 66-72.	1.3	13
504	Enhanced Identification of Potential Pleiotropic Genetic Variants for Bone Mineral Density and Breast Cancer. Calcified Tissue International, 2017, 101, 489-500.	1.5	11
505	Wnt ligand presentation and reception: from the stem cell niche to tissue engineering. Open Biology, 2017, 7, 170140.	1.5	25
506	Mechanisms of Altered Bone Remodeling in Multiple Myeloma. Clinical Reviews in Bone and Mineral Metabolism, 2017, 15, 151-161.	1.3	1
507	CX3CR1 regulates osteoarthrosis chondrocyte proliferation and apoptosis via Wnt/ $\hat{l}^2$ -catenin signaling. Biomedicine and Pharmacotherapy, 2017, 96, 1317-1323.	2.5	17
508	How Basic Science Discoveries Have Shaped the Treatment of Bone and Mineral Disorders. Journal of Bone and Mineral Research, 2017, 32, 2324-2330.	3.1	1
509	Baculovirus-Mediated miR-214 Knockdown Shifts Osteoporotic ASCs Differentiation and Improves Osteoporotic Bone Defects Repair. Scientific Reports, 2017, 7, 16225.	1.6	20
510	Recent Discoveries in Monogenic Disorders of Childhood Bone Fragility. Current Osteoporosis Reports, 2017, 15, 303-310.	1.5	16
511	The secreted protein WNT5A regulates condylar chondrocyte proliferation, hypertrophy and migration. Archives of Oral Biology, 2017, 82, 171-179.	0.8	16
512	Cellular and molecular mechanisms of alcohol-induced osteopenia. Cellular and Molecular Life Sciences, 2017, 74, 4443-4453.	2.4	60
513	Osteoporosis treatment: recent developments and ongoing challenges. Lancet Diabetes and Endocrinology,the, 2017, 5, 898-907.	5.5	615

#	Article	IF	CITATIONS
514	Periostin promotes ectopic osteogenesis of CTLA4-modified bone marrow mesenchymal stem cells. Cell and Tissue Research, 2017, 370, 143-151.	1.5	12
515	Targeting the Wnt Pathway in Cancer: A Review of Novel Therapeutics. Targeted Oncology, 2017, 12, 623-641.	1.7	47
516	Genetic sharing with coronary artery disease identifies potential novel loci for bone mineral density. Bone, 2017, 103, 70-77.	1.4	19
517	Effects of pulsed electromagnetic fields on postmenopausal osteoporosis. Bioelectromagnetics, 2017, 38, 406-424.	0.9	35
518	Osteoblastic heparan sulfate glycosaminoglycans control bone remodeling by regulating Wnt signaling and the crosstalk between bone surface and marrow cells. Cell Death and Disease, 2017, 8, e2902-e2902.	2.7	47
519	Estrogens and Androgens in Skeletal Physiology and Pathophysiology. Physiological Reviews, 2017, 97, 135-187.	13.1	541
520	Role and mechanism of action of sclerostin in bone. Bone, 2017, 96, 29-37.	1.4	314
521	Fracture healing physiology and the quest for therapies for delayed healing and nonunion. Journal of Orthopaedic Research, 2017, 35, 213-223.	1.2	128
522	Sclerostin deficiency in humans. Bone, 2017, 96, 51-62.	1.4	74
523	Using GWAS to identify novel therapeutic targets for osteoporosis. Translational Research, 2017, 181, 15-26.	2.2	45
524	Cellâ€toâ€cell communication in guided bone regeneration: molecular and cellular mechanisms. Clinical Oral Implants Research, 2017, 28, 1139-1146.	1.9	35
525	Tcf12, A Member of Basic Helix-Loop-Helix Transcription Factors, Mediates Bone Marrow Mesenchymal Stem Cell Osteogenic Differentiation In Vitro and In Vivo. Stem Cells, 2017, 35, 386-397.	1.4	38
526	Chronic systemic inflammation originating from epithelial tissues. FEBS Journal, 2017, 284, 505-516.	2.2	19
527	Synovium-Derived MicroRNAs Regulate Bone Pathways in Rheumatoid Arthritis. Journal of Bone and Mineral Research, 2017, 32, 461-472.	3.1	85
528	CKIP-1 silencing promotes new bone formation in rat mandibular distraction osteogenesis. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2017, 123, e1-e9.	0.2	14
529	High Sclerostin and Dickkopf-1 (DKK-1) Serum Levels in Children and Adolescents With Type 1 Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1174-1181.	1.8	67
530	A Novel, Direct NO Donor Regulates Osteoblast and Osteoclast Functions and Increases Bone Mass in Ovariectomized Mice. Journal of Bone and Mineral Research, 2017, 32, 46-59.	3.1	60
531	Featured Article: Transcriptional landscape analysis identifies differently expressed genes involved in follicle-stimulating hormone induced postmenopausal osteoporosis. Experimental Biology and Medicine, 2017, 242, 203-213.	1.1	4

#	Article	IF	CITATIONS
532	Sclerostin Antibody Administration Converts Bone Lining Cells Into Active Osteoblasts. Journal of Bone and Mineral Research, 2017, 32, 892-901.	3.1	91
533	Wnt signaling in cancer. Oncogene, 2017, 36, 1461-1473.	2.6	1,975
534	Osteocyte-Secreted Wnt Signaling Inhibitor Sclerostin Contributes to Beige Adipogenesis in Peripheral Fat Depots. Journal of Bone and Mineral Research, 2017, 32, 373-384.	3.1	75
535	Structure and Function of Bone Marrow Adipocytes. , 2017, 8, 315-349.		22
536	Developmental cell-cell communication pathways in the cephalochordate amphioxus: actors and functions. International Journal of Developmental Biology, 2017, 61, 697-722.	0.3	9
537	MicroRNA transcriptome analysis on hypertrophy of ligamentum flavum in patients with lumbar spinal stenosis. Spine Surgery and Related Research, 2017, 1, 211-217.	0.4	14
538	The Effect of Calendula officinalis on Oxidative Stress and Bone Loss in Experimental Periodontitis. Frontiers in Physiology, 2017, 8, 440.	1.3	30
539	Overexpression of Insulin-Like Growth Factor 1 Enhanced the Osteogenic Capability of Aging Bone Marrow Mesenchymal Stem Cells. Theranostics, 2017, 7, 1598-1611.	4.6	32
540	Fibrin-Enhanced Canonical Wnt Signaling Directs Plasminogen Expression in Cementoblasts. International Journal of Molecular Sciences, 2017, 18, 2380.	1.8	10
541	The Role of AOPP in Age-Related Bone Loss and the Potential Benefits of Berry Anthocyanins. Nutrients, 2017, 9, 789.	1.7	20
542	Quantification of Bone Fatty Acid Metabolism and Its Regulation by Adipocyte Lipoprotein Lipase. International Journal of Molecular Sciences, 2017, 18, 1264.	1.8	38
543	Osteoporosis Therapy: Bone Modeling during Growth and Aging. Frontiers in Endocrinology, 2017, 8, 46.	1.5	22
544	Cyclic compression stimulates osteoblast differentiation via activation of the Wnt/ $\hat{l}^2$ -catenin signaling pathway. Molecular Medicine Reports, 2017, 15, 2890-2896.	1.1	29
545	miR-155 Inhibits Mouse Osteoblast Differentiation by Suppressing SMAD5 Expression. BioMed Research International, 2017, 2017, 1-7.	0.9	38
546	Icariin Regulates the Bidirectional Differentiation of Bone Marrow Mesenchymal Stem Cells through Canonical Wnt Signaling Pathway. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-12.	0.5	33
547	Bone Biology and Effects of Pharmaceutical Intervention on Bone Quality. , 2017, , 29-82.		2
548	Glucocorticoid Therapy., 2017,, 932-957.e5.		5
549	Osteoporosis and Fracture Risk., 2017,, 209-234.		0

#	Article	IF	CITATIONS
550	Hilbert-Schmidt and Sobol sensitivity indices for static and time series Wnt signaling measurements in colorectal cancer - part A. BMC Systems Biology, 2017, 11, 120.	3.0	2
551	Expression regulation and functional analysis of RGS2 and RGS4 in adipogenic and osteogenic differentiation of human mesenchymal stem cells. Biological Research, 2017, 50, 43.	1.5	14
552	Novel Akt activator SC-79 is a potential treatment for alcohol-induced osteonecrosis of the femoral head. Oncotarget, 2017, 8, 31065-31078.	0.8	20
553	Biology of the Normal Joint. , 2017, , 1-19.e4.		5
554	Profile of romosozumab and its potential in the management of osteoporosis. Drug Design, Development and Therapy, 2017, Volume11, 1221-1231.	2.0	64
555	Old age causes de novo intracortical bone remodeling and porosity in mice. JCI Insight, 2017, 2, .	2.3	132
556	Osteocyte-specific WNT1 regulates osteoblast function during bone homeostasis. Journal of Clinical Investigation, 2017, 127, 2678-2688.	3.9	143
557	The key role of proinflammatory cytokines, matrix proteins, RANKL/OPG and Wnt/ $\hat{l}^2$ -catenin in bone healing of hip arthroplasty patients. Bone, 2018, 107, 66-77.	1.4	30
558	Lrp1 in osteoblasts controls osteoclast activity and protects against osteoporosis by limiting PDGF–RANKL signaling. Bone Research, 2018, 6, 4.	5.4	45
559	The high bone mass phenotype of Lrp5-mutant mice is not affected by megakaryocyte depletion. Biochemical and Biophysical Research Communications, 2018, 497, 659-666.	1.0	1
560	Biology and treatment of myeloma related bone disease. Metabolism: Clinical and Experimental, 2018, 80, 80-90.	1.5	49
561	Enhanced osteogenic differentiation and bone regeneration of poly(lactic- <i>co</i> -glycolic acid) by graphene <i>via</i> activation of PI3K/Akt/GSK- $3\hat{l}^2/\hat{l}^2$ -catenin signal circuit. Biomaterials Science, 2018, 6, 1147-1158.	2.6	50
562	Single phased silicate-containing calcium phosphate bioceramics: Promising biomaterials for periodontal repair. Ceramics International, 2018, 44, 11003-11012.	2.3	24
563	Metformin ameliorates TGF- $\hat{i}^21\hat{a}$ induced osteoblastic differentiation of human aortic valve interstitial cells by inhibiting $\hat{i}^2$ -catenin signaling. Biochemical and Biophysical Research Communications, 2018, 500, 710-716.	1.0	12
564	Bone functional adaptation does not erase neutral evolutionary information. American Journal of Physical Anthropology, 2018, 166, 708-729.	2.1	19
565	Parathyroid Hormone Signaling in Osteocytes. JBMR Plus, 2018, 2, 22-30.	1.3	41
566	Sun-mediated mechanical LINC between nucleus and cytoskeleton regulates $\hat{l}^2$ catenin nuclear access. Journal of Biomechanics, 2018, 74, 32-40.	0.9	60
567	Human Dental Pulp Cells Express Cellular Markers for Inflammation and Hard Tissue Formation in Response to Bacterial Information. Journal of Endodontics, 2018, 44, 992-996.	1.4	20

#	Article	IF	CITATIONS
568	In Vivo 3D Histomorphometry Quantifies Bone Apposition and Skeletal Progenitor Cell Differentiation. Scientific Reports, 2018, 8, 5580.	1.6	14
569	WAIF1 Is a Cell-Surface CTHRC1 Binding Protein Coupling Bone Resorption and Formation. Journal of Bone and Mineral Research, 2018, 33, 1500-1512.	3.1	19
570	Morphological and molecular characterization of the senile osteoporosis in senescence-accelerated mouse prone 6 (SAMP6). Medical Molecular Morphology, 2018, 51, 139-146.	0.4	22
571	SHP2 regulates skeletal cell fate by modifying SOX9 expression and transcriptional activity. Bone Research, 2018, 6, 12.	5.4	33
572	Circulating Dkk1 and TRAIL Are Associated With Cognitive Decline in Community-Dwelling, Older Adults With Cognitive Concerns. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1688-1694.	1.7	23
573	The bone remodelling cycle. Annals of Clinical Biochemistry, 2018, 55, 308-327.	0.8	348
574	Effects of active acromegaly on bone mRNA and microRNA expression patterns. European Journal of Endocrinology, 2018, 178, 353-364.	1.9	20
575	SOST/Sclerostin Improves Posttraumatic Osteoarthritis and Inhibits MMP2/3 Expression After Injury. Journal of Bone and Mineral Research, 2018, 33, 1105-1113.	3.1	47
576	WNT5A induces castration-resistant prostate cancer via CCL2 and tumour-infiltrating macrophages. British Journal of Cancer, 2018, 118, 670-678.	2.9	53
577	Sclerostin and Antisclerostin Antibody Serum Levels Predict the Presence of Axial Spondyloarthritis in Patients with Inflammatory Bowel Disease. Journal of Rheumatology, 2018, 45, 630-637.	1.0	23
578	Bone, muscle, and metabolic parameters predict survival in patients with synchronous bone metastases from lung cancers. Bone, 2018, 108, 202-209.	1.4	38
579	Ovariectomy-induced bone loss in TNFα and IL6 gene knockout mice is regulated by different mechanisms. Journal of Molecular Endocrinology, 2018, 60, 185-198.	1.1	34
580	Mechanisms of Enhanced Osteoclastogenesis in Alkaptonuria. American Journal of Pathology, 2018, 188, 1059-1068.	1.9	20
581	Epigenetic inhibition of Wnt pathway suppresses osteogenic differentiation of BMSCs during osteoporosis. Cell Death and Disease, 2018, 9, 176.	2.7	103
582	Circulating miRNAs as diagnostic biomarkers for adolescent idiopathic scoliosis. Scientific Reports, 2018, 8, 2646.	1.6	29
583	Normal Bone Physiology 101., 2018, , 11-25.		1
584	Glucocorticoid Excess in Bone and Muscle. Clinical Reviews in Bone and Mineral Metabolism, 2018, 16, 33-47.	1.3	31
585	CYR61/CCN1 Regulates Sclerostin Levels and Bone Maintenance. Journal of Bone and Mineral Research, 2018, 33, 1076-1089.	3.1	27

#	Article	IF	Citations
586	Regulation of Bone Remodeling by Parathyroid Hormone. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a031237.	2.9	148
587	Pulsed electromagnetic field improves subchondral bone microstructure in knee osteoarthritis rats through a Wnt∫l²â€catenin signalingâ€associated mechanism. Bioelectromagnetics, 2018, 39, 89-97.	0.9	22
588	miR-208a-3p Suppresses Osteoblast Differentiation and Inhibits Bone Formation by Targeting ACVR1. Molecular Therapy - Nucleic Acids, 2018, 11, 323-336.	2.3	36
589	The role of aryl hydrocarbon receptor in bone remodeling. Progress in Biophysics and Molecular Biology, 2018, 134, 44-49.	1.4	22
590	Bone Geometry, Quality, and Bone Markers in Children with Type 1 Diabetes Mellitus. Calcified Tissue International, 2018, 102, 657-665.	1.5	18
591	The regulatory roles of Notch in osteocyte differentiation via the crosstalk with canonical Wnt pathways during the transition of osteoblasts to osteocytes. Bone, 2018, 108, 165-178.	1.4	23
592	Genetic and Molecular Insights Into Genotype-Phenotype Relationships in Osteopathia Striata With Cranial Sclerosis (OSCS) Through the Analysis of Novel Mouse Wtx Mutant Alleles. Journal of Bone and Mineral Research, 2018, 33, 875-887.	3.1	10
593	Pathogenesis of bone disease in multiple myeloma: from bench to bedside. Blood Cancer Journal, 2018, 8, 7.	2.8	219
594	Dipstick Proteinuria and Reduced Estimated Glomerular Filtration Rate as Independent Risk Factors for Osteoporosis. American Journal of the Medical Sciences, 2018, 355, 434-441.	0.4	3
595	Gaucher disease iPSC-derived osteoblasts have developmental and lysosomal defects that impair bone matrix deposition. Human Molecular Genetics, 2018, 27, 811-822.	1.4	30
596	Annotating activation/inhibition relationships to protein-protein interactions using gene ontology relations. BMC Systems Biology, 2018, 12, 9.	3.0	8
597	Role of Klotho in bone and implication for CKD. Current Opinion in Nephrology and Hypertension, 2018, 27, 298-304.	1.0	18
598	Histone demethylase LSD1 regulates bone mass by controlling WNT7B and BMP2 signaling in osteoblasts. Bone Research, 2018, 6, 14.	5.4	40
599	Inducible Wnt16 inactivation: WNT16 regulates cortical bone thickness in adult mice. Journal of Endocrinology, 2018, 237, 113-122.	1.2	32
600	Anabolic Therapy for the Treatment of Osteoporosis in Childhood. Current Osteoporosis Reports, 2018, 16, 269-276.	1.5	21
601	Dietary nutraceuticals as backbone for bone health. Biotechnology Advances, 2018, 36, 1633-1648.	6.0	46
602	Polymersome nanoparticles for delivery of Wnt-activating small molecules. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1267-1277.	1.7	15
603	Strong immunoexpression of dickkopf-1 is associated with response to bortezomib in multiple myeloma. Leukemia and Lymphoma, 2018, 59, 2670-2678.	0.6	5

#	Article	IF	CITATIONS
604	Pericyte-Derived Dickkopf2 Regenerates Damaged Penile Neurovasculature Through an Angiopoietin-1-Tie2 Pathway. Diabetes, 2018, 67, 1149-1161.	0.3	20
605	Physical Activity and Bone Accretion. Medicine and Science in Sports and Exercise, 2018, 50, 977-986.	0.2	3
606	Osteogenesis imperfecta and therapeutics. Matrix Biology, 2018, 71-72, 294-312.	1.5	75
607	Mutations in the fourth $\hat{l}^2$ -propeller domain of LRP4 are associated with isolated syndactyly with fusion of the third and fourth fingers. Human Mutation, 2018, 39, 811-815.	1.1	17
608	Pulsed electromagnetic fields preserve bone architecture and mechanical properties and stimulate porous implant osseointegration by promoting bone anabolism in type 1 diabetic rabbits. Osteoporosis International, 2018, 29, 1177-1191.	1.3	35
609	BMP3 expression by osteoblast lineage cells is regulated by canonical Wnt signaling. FEBS Open Bio, 2018, 8, 168-176.	1.0	18
610	Bone metabolism in patients with anorexia nervosa and amenorrhoea. Eating and Weight Disorders, 2018, 23, 255-261.	1.2	15
611	Microtubule actin crosslinking factor 1 promotes osteoblast differentiation by promoting βâ€catenin/TCF1/Runx2 signaling axis. Journal of Cellular Physiology, 2018, 233, 1574-1584.	2.0	47
612	Glucocorticoid therapy causes contradictory changes of serum Wnt signaling-related molecules in systemic autoimmune diseases. Clinical Rheumatology, 2018, 37, 2169-2178.	1.0	21
614	New metabolites from the biotransformation of ginsenoside Rb1 by Paecilomyces bainier sp.229 and activities in inducing osteogenic differentiation by Wnt/ $\hat{l}^2$ -catenin signaling activation. Journal of Ginseng Research, 2018, 42, 199-207.	3.0	17
615	Bone Marrow Aspirate Concentrate versus Platelet Rich Plasma to Enhance Osseous Integration Potential for Osteochondral Allografts. Journal of Knee Surgery, 2018, 31, 314-320.	0.9	32
616	GSKâ€3β inhibition suppresses instabilityâ€induced osteolysis by a dual action on osteoblast and osteoclast differentiation. Journal of Cellular Physiology, 2018, 233, 2398-2408.	2.0	34
617	TIEG and estrogen modulate SOST expression in the murine skeleton. Journal of Cellular Physiology, 2018, 233, 3540-3551.	2.0	14
618	Sialoglycoprotein isolated from eggs of Carassius auratus promotes fracture healing in osteoporotic mice. Journal of Food and Drug Analysis, 2018, 26, 716-724.	0.9	7
619	Ex vivo replication of phenotypic functions of osteocytes through biomimetic 3D bone tissue construction. Bone, 2018, 106, 148-155.	1.4	31
620	Comparative postnatal histomorphogenesis of the mandible in wild and laboratory mice. Annals of Anatomy, 2018, 215, 8-19.	1.0	4
621	Primary Osteoporosis in Young Adults: Genetic Basis and Identification of Novel Variants in Causal Genes. JBMR Plus, 2018, 2, 12-21.	1.3	43
622	Low-1 level mechanical vibration improves bone microstructure, tissue mechanical properties and porous titanium implant osseointegration by promoting anabolic response in type $1$ diabetic rabbits. Bone, 2018, 106, 11-21.	1.4	20

#	ARTICLE	IF	CITATIONS
623	Effects of endogenous hypercortisolism on bone mRNA and microRNA expression in humans. Osteoporosis International, 2018, 29, 211-221.	1.3	33
624	YC-1 alleviates bone loss in ovariectomized rats by inhibiting bone resorption and inducing extrinsic apoptosis in osteoclasts. Journal of Bone and Mineral Metabolism, 2018, 36, 508-518.	1.3	9
625	The role of osteoprotegerin in the crosstalk between vessels and bone: Its potential utility as a marker of cardiometabolic diseases. , 2018, 182, 115-132.		82
626	Mammalian target of rapamycin as a therapeutic target in osteoporosis. Journal of Cellular Physiology, 2018, 233, 3929-3944.	2.0	26
627	Natural and synthetic polymers/bioceramics/bioactive compounds-mediated cell signalling in bone tissue engineering. International Journal of Biological Macromolecules, 2018, 110, 88-96.	3.6	125
628	Autocrine and Paracrine Regulation of the Murine Skeleton by Osteocyte-Derived Parathyroid Hormone-Related Protein. Journal of Bone and Mineral Research, 2018, 33, 137-153.	3.1	54
629	Enhanced Bone Regeneration by Diabetic Cell-Based Adenoviral BMP-2 Gene Therapy in Diabetic Animals. Tissue Engineering - Part A, 2018, 24, 930-942.	1.6	7
630	Serum sclerostin in vascular calcification and clinical outcome in chronic kidney disease. Diabetes and Vascular Disease Research, 2018, 15, 99-105.	0.9	33
631	Multiple Myeloma and Bone: The Fatal Interaction. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a031286.	2.9	36
632	The Expanding Life and Functions of Osteogenic Cells: From Simple Bone-Making Cells to Multifunctional Cells and Beyond. Journal of Bone and Mineral Research, 2018, 33, 199-210.	3.1	9
633	Novel familial mutation of LRP5 causing high bone mass: Genetic analysis, clinical presentation, and characterization of bone matrix mineralization. Bone, 2018, 107, 154-160.	1.4	20
634	Bone-Targeted Therapies in Cancer-Induced Bone Disease. Calcified Tissue International, 2018, 102, 227-250.	1.5	80
635	G protein-coupled receptors as anabolic drug targets in osteoporosis. , 2018, 184, 1-12.		11
636	Postnatal deletion of $\hat{l}^2$ -catenin in osterix-expressing cells is necessary for bone growth and intermittent PTH-induced bone gain. Journal of Bone and Mineral Metabolism, 2018, 36, 560-572.	1.3	9
637	The temporospatial pattern of energy metabolism coordinates the interactions between the bones and other organ systems. Journal of Oral Biosciences, 2018, 60, 8-14.	0.8	1
638	Monoclonal antibodies for treating osteoporosis. Expert Opinion on Biological Therapy, 2018, 18, 149-157.	1.4	45
639	Loss of PiT-2 results in abnormal bone development and decreased bone mineral density and length in mice. Biochemical and Biophysical Research Communications, 2018, 495, 553-559.	1.0	17
640	Astragaloside IV promotes the proliferation and migration of osteoblast-like cells through the hedgehog signaling pathway. International Journal of Molecular Medicine, 2019, 43, 830-838.	1.8	8

#	Article	IF	Citations
641	Bone markers and chronic kidney diseases. Journal of Laboratory and Precision Medicine, 2018, 3, 62-62.	1.1	4
642	Osteoarthritis: Potential for Herbal Medicines as Therapies in the Management of Chronic Inflammatory Damage. Current Immunology Reviews, 2018, 14, 68-80.	1.2	3
643	Role of Osteocytes in Myeloma Bone Disease: Anti-sclerostin Antibody as New Therapeutic Strategy. Frontiers in Immunology, 2018, 9, 2467.	2.2	31
644	RANKL signaling in bone marrow mesenchymal stem cells negatively regulates osteoblastic bone formation. Bone Research, 2018, 6, 34.	5.4	104
645	Fibrin-Based Biomaterial Applications in Tissue Engineering and Regenerative Medicine. Advances in Experimental Medicine and Biology, 2018, 1064, 253-261.	0.8	58
646	Wnt1 is an Lrp5-independent bone-anabolic Wnt ligand. Science Translational Medicine, 2018, 10, .	5.8	66
647	Irisin Mediates Effects on Bone and Fat via αV Integrin Receptors. Cell, 2018, 175, 1756-1768.e17.	13.5	372
648	FGF-7 Dictates Osteocyte Cell Processes Through Beta-Catenin Transduction. Scientific Reports, 2018, 8, 14792.	1.6	13
649	Association of Wnt Inhibitors, Bone Mineral Density and Lifestyle Parameters in Women with Breast Cancer Treated with Anastrozole Therapy. Journal of Clinical Medicine, 2018, 7, 287.	1.0	4
650	Glucocorticoids and Bone: Consequences of Endogenous and Exogenous Excess and Replacement Therapy. Endocrine Reviews, 2018, 39, 519-548.	8.9	162
651	<i>Radix Salviae miltiorrhizae</i> improves bone microstructure and strength through Wnt/β atenin and osteoprotegerin/receptor activator for nuclear factorâ€₽B ligand/cathepsin K signaling in ovariectomized rats. Phytotherapy Research, 2018, 32, 2487-2500.	2.8	17
652	Myeloma Bone Disease: Update on Pathogenesis and Novel Treatment Strategies. Pharmaceutics, 2018, 10, 202.	2.0	29
653	Skeletal disease in a father and daughter with a novel monoallelic WNT1 mutation. Bone Reports, 2018, 9, 154-158.	0.2	3
655	Glucocorticoid-induced osteoporosis in systemic lupus erythematosus. Rheumatology Practice and Research, 2018, 3, 205990211880251.	0.0	O
658	Contribution of the <i>in situ</i> release of endogenous cations from xenograft bone driven by fluoride incorporation toward enhanced bone regeneration. Biomaterials Science, 2018, 6, 2951-2964.	2.6	25
659	Clinical advantages and disadvantages of anabolic bone therapies targeting the WNT pathway. Nature Reviews Endocrinology, 2018, 14, 605-623.	4.3	42
660	Role of nutritional vitamin D in osteoporosis treatment. Clinica Chimica Acta, 2018, 484, 179-191.	0.5	36
661	Dishevelledâ€'2 modulates osteogenic differentiation of human synovial fibroblasts in osteoarthritis. Molecular Medicine Reports, 2018, 18, 292-298.	1.1	3

#	Article	IF	Citations
662	Analysis of Circulating Mediators of Bone Remodeling in Prader–Willi Syndrome. Calcified Tissue International, 2018, 102, 635-643.	1.5	19
663	Integration of summary data from GWAS and eQTL studies identified novel causal BMD genes with functional predictions. Bone, 2018, 113, 41-48.	1.4	29
664	Bones, Joints, and Synovia., 2018,, 299-319.		2
665	Early effects of parathyroid hormone on vascularized bone regeneration and implant osseointegration in aged rats. Biomaterials, 2018, 179, 15-28.	5.7	64
666	Osteocyte Biology. , 2018, , 227-240.		0
667	Osteocytic oxygen sensing controls bone mass through epigenetic regulation of sclerostin. Nature Communications, 2018, 9, 2557.	5.8	92
668	Prospects of Gene Therapy for Skeletal Diseases. , 2018, , 119-137.		1
669	cGMP-dependent protein kinase-2 regulates bone mass and prevents diabetic bone loss. Journal of Endocrinology, 2018, 238, 203-219.	1.2	15
670	Aberrant miRâ€145–5p/βâ€eatenin signal impairs osteocyte function in adolescent idiopathic scoliosis. FASEB Journal, 2018, 32, 6537-6549.	0.2	29
671	Bone and Joints. , 2018, , 749-790.		1
672	Bone Remodeling. , 2018, , 10-18.		O
673	WNT16 overexpression partly protects against glucocorticoid-induced bone loss. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E597-E604.	1.8	19
674	Vitamin D Regulation of Osteoblast Function. , 2018, , 295-308.		3
675	Common and rare variants of WNT16, DKK1 and SOST and their relationship with bone mineral density. Scientific Reports, 2018, 8, 10951.	1.6	14
676	Effect of inhibition of CBP-coactivated $\hat{l}^2$ -catenin-mediated Wnt signalling in uremic rats with vascular calcifications. PLoS ONE, 2018, 13, e0201936.	1.1	11
677	Bone Turnover Markers., 2018,, 116-127.		2
678	An Optimized Method to Generate Human Active Osteoclasts From Peripheral Blood Monocytes. Frontiers in Immunology, 2018, 9, 632.	2.2	30
679	Periosteal progenitors contribute to load-induced bone formation in adult mice and require primary cilia to sense mechanical stimulation. Stem Cell Research and Therapy, 2018, 9, 190.	2.4	54

#	Article	IF	CITATIONS
680	The Osteoclast in Bone Metastasis: Player and Target. Cancers, 2018, 10, 218.	1.7	118
681	FNDC4 Inhibits RANKL-Induced Osteoclast Formation by Suppressing NF- $\langle i \rangle \hat{l}^2 \langle i \rangle$ B Activation and CXCL10 Expression. BioMed Research International, 2018, 2018, 1-9.	0.9	9
682	Therapeutics in Osteoarthritis Based on an Understanding of Its Molecular Pathogenesis. International Journal of Molecular Sciences, 2018, 19, 674.	1.8	72
683	Wingless/Wnt Signaling in Intestinal Development, Homeostasis, Regeneration and Tumorigenesis: A Drosophila Perspective. Journal of Developmental Biology, 2018, 6, 8.	0.9	33
684	Migration critically meditates osteoblastic differentiation of bone mesenchymal stem cells through activating canonical Wnt signal pathway. Colloids and Surfaces B: Biointerfaces, 2018, 171, 205-213.	2.5	19
685	Wnt signaling in multiple myeloma: a central player in disease with therapeutic potential. Journal of Hematology and Oncology, 2018, 11, 67.	6.9	77
686	Diminished Canonical $\hat{l}^2$ -Catenin Signaling During Osteoblast Differentiation Contributes to Osteopenia in Progeria. Journal of Bone and Mineral Research, 2018, 33, 2059-2070.	3.1	29
687	Vitamin D in Dentoalveolar and Oral Health. , 2018, , 497-519.		6
688	Fluid shear stress improves morphology, cytoskeleton architecture, viability, and regulates cytokine expression in a timeâ€dependent manner in MLO‥4 cells. Cell Biology International, 2018, 42, 1410-1422.	1.4	15
689	Deletion of the Fanconi Anemia C Gene in Mice Leads to Skeletal Anomalies and Defective Bone Mineralization and Microarchitecture. Journal of Bone and Mineral Research, 2018, 33, 2007-2020.	3.1	5
690	Oxidized phospholipids are ligands for LRP6. Bone Research, 2018, 6, 22.	5 <b>.</b> 4	27
691	Postnatal Skeletal Deletion of Dickkopf-1 Increases Bone Formation and Bone Volume in Male and Female Mice, Despite Increased Sclerostin Expression. Journal of Bone and Mineral Research, 2018, 33, 1698-1707.	3.1	38
692	The underlying pathophysiology and therapeutic approaches for osteoporosis. Medicinal Research Reviews, 2018, 38, 2024-2057.	5.0	67
693	Targeting WNT signaling in the treatment of osteoporosis. Current Opinion in Pharmacology, 2018, 40, 134-141.	1.7	76
694	Porcupine inhibitors impair trabecular and cortical bone mass and strength in mice. Journal of Endocrinology, 2018, 238, 13-23.	1.2	37
695	Abaloparatide Exerts Bone Anabolic Effects with Less Stimulation of Bone Resorption-Related Factors: A Comparison with Teriparatide. Calcified Tissue International, 2018, 103, 289-297.	1.5	42
696	Use of mesenchymal stem cells seeded on the scaffold in articular cartilage repair. Inflammation and Regeneration, 2018, 38, 4.	1.5	32
697	Involvement of miRâ€140â€3p in Wnt3a and <scp>TGF</scp> β3 signaling pathways during osteoblast differentiation in <scp>MC</scp> 3T3â€E1 cells. Genes To Cells, 2018, 23, 517-527.	0.5	32

#	Article	IF	CITATIONS
698	High Serum Serotonin Predicts Increased Risk for Hip Fracture and Nonvertebral Osteoporotic Fractures: The MrOS Sweden Study. Journal of Bone and Mineral Research, 2018, 33, 1560-1567.	3.1	10
699	Conditional Deletion of <i>Sost</i> in MSC-Derived Lineages Identifies Specific Cell-Type Contributions to Bone Mass and B-Cell Development. Journal of Bone and Mineral Research, 2018, 33, 1748-1759.	3.1	39
700	Let-7b contributes to hepatocellular cancer progression through Wnt/ $\hat{l}^2$ -catenin signaling. Saudi Journal of Biological Sciences, 2018, 25, 953-958.	1.8	6
701	Salt-Inducible Kinases: Physiology, Regulation by cAMP, and Therapeutic Potential. Trends in Endocrinology and Metabolism, 2018, 29, 723-735.	3.1	92
702	Gd@C82(OH)22 harnesses inflammatory regeneration for osteogenesis of mesenchymal stem cells through JNK/STAT3 signaling pathway. Journal of Materials Chemistry B, 2018, 6, 5802-5811.	2.9	12
703	TGF-Beta Signaling in Bone with Chronic Kidney Disease. International Journal of Molecular Sciences, 2018, 19, 2352.	1.8	13
704	Thy-1 (CD90) promotes bone formation and protects against obesity. Science Translational Medicine, 2018, $10$ , .	5.8	76
705	Effect of uremic toxin-indoxyl sulfate on the skeletal system. Clinica Chimica Acta, 2018, 484, 197-206.	0.5	19
706	YAP promotes osteogenesis and suppresses adipogenic differentiation by regulating $\hat{l}^2$ -catenin signaling. Bone Research, 2018, 6, 18.	5.4	193
707	Common signalling pathways in macrophage and osteoclast multinucleation. Journal of Cell Science, 2018, 131, .	1.2	152
708	Implant Success and Failure Is Dependent Upon the Bone Response. Show a Little Respect for Those Bone Cells!. Journal of Oral Implantology, 2018, 44, 85-86.	0.4	1
709	The Role of FoxOs in Bone Health and Disease. Current Topics in Developmental Biology, 2018, 127, 149-163.	1.0	25
710	Wnt signaling in development and tissue homeostasis. Development (Cambridge), 2018, 145, .	1.2	528
711	Glucocorticoids suppress Wnt16 expression in osteoblasts in vitro and in vivo. Scientific Reports, 2018, 8, 8711.	1.6	33
712	Hyperstimulation of CaSR in human MSCs by biomimetic apatite inhibits endochondral ossification via temporal down-regulation of PTH1R. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6135-E6144.	3.3	23
713	Sclerostin in chronic kidney disease–mineral bone disorder think first before you block it!. Nephrology Dialysis Transplantation, 2019, 34, 408-414.	0.4	46
714	Swim training affects bone canonical Wnt pathway in type 2 diabetes induced by high fat diet and low dose of streptozotocin in male rats. Archives of Physiology and Biochemistry, 2019, 125, 465-469.	1.0	6
715	Role of pannexin 1 channels in loadâ€induced skeletal response. Annals of the New York Academy of Sciences, 2019, 1442, 79-90.	1.8	14

#	Article	IF	Citations
716	Wnt signaling in bone, kidney, intestine, and adipose tissue and interorgan interaction in aging. Annals of the New York Academy of Sciences, 2019, 1442, 48-60.	1.8	49
717	The Role of Continuous Cerebrospinal Fluid Pulsation Stress in the Remodeling of Artificial Vertebral Laminae: A Comparison Experiment. Tissue Engineering - Part A, 2019, 25, 203-213.	1.6	8
718	LRP5 controls cardiac QT interval by modulating the metabolic homeostasis of L-type calcium channel. International Journal of Cardiology, 2019, 275, 120-128.	0.8	5
719	A novel transgenic murine model with persistently brittle bones simulating osteogenesis imperfecta type I. Bone, 2019, 127, 646-655.	1.4	21
720	New Insights about the Wnt/ $\hat{l}^2$ -Catenin Signaling Pathway in Primary Bone Tumors and Their Microenvironment: A Promising Target to Develop Therapeutic Strategies?. International Journal of Molecular Sciences, 2019, 20, 3751.	1.8	54
721	Print Me An Organ! Why We Are Not There Yet. Progress in Polymer Science, 2019, 97, 101145.	11.8	192
722	Isopsoralen ameliorates H2O2â€ʻinduced damage in osteoblasts via activating the Wnt/l̃²â€ʻcatenin pathway. Experimental and Therapeutic Medicine, 2019, 18, 1899-1906.	0.8	16
723	Imatinib mesylate and nilotinib decrease synthesis of bone matrix ini¿½vitro. Oncology Letters, 2019, 18, 2102-2108.	0.8	5
724	Isolation and identification of anti-periodontitis ingredients in Lactobacillus paracasei subsp. paracasei NTU 101-fermented skim milk in vitro. Journal of Functional Foods, 2019, 60, 103449.	1.6	2
725	Osteoblastâ€derived NOTUM reduces cortical bone mass in mice and the <i>NOTUM</i> locus is associated with bone mineral density in humans. FASEB Journal, 2019, 33, 11163-11179.	0.2	24
726	Sclerostin inhibition alleviates breast cancer–induced bone metastases and muscle weakness. JCI Insight, 2019, 4, .	2.3	75
727	SP1-stimulated miR-545-3p inhibits osteogenesis via targeting LRP5-activated Wnt/beta-catenin signaling. Biochemical and Biophysical Research Communications, 2019, 517, 103-110.	1.0	21
728	Serum sclerostin levels are positively related to bone mineral density in peritoneal dialysis patients: a cross-sectional study. BMC Nephrology, 2019, 20, 266.	0.8	27
729	The Wnt Antagonist SFRP1: A Key Regulator of Periodontal Mineral Homeostasis. Stem Cells and Development, 2019, 28, 1004-1014.	1.1	30
730	WNT3A accelerates delayed alveolar bone repair in ovariectomized mice. Osteoporosis International, 2019, 30, 1873-1885.	1.3	26
731	Reactive Oxygen Species in Osteoclast Differentiation and Possible Pharmaceutical Targets of ROS-Mediated Osteoclast Diseases. International Journal of Molecular Sciences, 2019, 20, 3576.	1.8	257
732	Cardiovascular Outcomes of Romosozumab and Protective Role of Alendronate. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1343-1350.	1.1	37
733	Nanotopography on titanium promotes osteogenesis via autophagy-mediated signaling between YAP and $\hat{l}^2$ -catenin. Acta Biomaterialia, 2019, 96, 674-685.	4.1	62

#	Article	IF	CITATIONS
734	Homer1 mediates CaSR-dependent activation of mTOR complex 2 and initiates a novel pathway for AKT-dependent $\hat{l}^2$ -catenin stabilization in osteoblasts. Journal of Biological Chemistry, 2019, 294, 16337-16350.	1.6	17
735	Biomimetic Nanosilica–Collagen Scaffolds for In Situ Bone Regeneration: Toward a Cellâ€Free, Oneâ€Step Surgery. Advanced Materials, 2019, 31, e1904341.	11.1	134
736	Comparison of serum levels with bone content and gene expression indicate a contradictory effect of kidney transplantation on sclerostin. Kidney International, 2019, 96, 1100-1104.	2.6	16
737	The Regulation of Bone Metabolism and Disorders by Wnt Signaling. International Journal of Molecular Sciences, 2019, 20, 5525.	1.8	214
738	Pentapeptide-decorated silica nanoparticles loading salmon calcitonin for inÂvivo osteoporosis treatment with sustained hypocalcemic effect. Materials Today Chemistry, 2019, 14, 100189.	1.7	18
739	Synthetic presentation of noncanonical Wnt5a motif promotes mechanosensing-dependent differentiation of stem cells and regeneration. Science Advances, 2019, 5, eaaw3896.	4.7	64
740	Evaluation of the association of Wnt signaling with coronary artery calcification in patients on dialysis with severe secondary hyperparathyroidism. BMC Nephrology, 2019, 20, 345.	0.8	10
741	Chrysosplenetin promotes osteoblastogenesis of bone marrow stromal cells via Wnt/ $\hat{l}^2$ -catenin pathway and enhances osteogenesis in estrogen deficiency-induced bone loss. Stem Cell Research and Therapy, 2019, 10, 277.	2.4	27
742	Exercise Mitigates Bone Loss in Women With Severe Obesity After Roux-en-Y Gastric Bypass: A Randomized Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4639-4650.	1.8	51
743	LGR6 promotes osteogenesis by activating the Wnt/ $\hat{l}^2$ -catenin signaling pathway. Biochemical and Biophysical Research Communications, 2019, 519, 1-7.	1.0	36
744	The Effects of Tocotrienol on Bone Peptides in a Rat Model of Osteoporosis Induced by Metabolic Syndrome: The Possible Communication between Bone Cells. International Journal of Environmental Research and Public Health, 2019, 16, 3313.	1.2	26
745	T-Box20 inhibits osteogenic differentiation in adipose-derived human mesenchymal stem cells: the role of T-Box20 on osteogenesis. Journal of Biological Research, 2019, 26, 8.	2.2	4
746	Transcriptomic profiling of the myeloma bone-lining niche reveals BMP signalling inhibition to improve bone disease. Nature Communications, 2019, 10, 4533.	5.8	46
747	Mesenchymal Cell-Derived Juxtacrine Wnt1 Signaling Regulates Osteoblast Activity and Osteoclast Differentiation. Journal of Bone and Mineral Research, 2019, 34, 1129-1142.	3.1	29
748	Therapeutic effect of localized vibration on alveolar bone of osteoporotic rats. PLoS ONE, 2019, 14, e0211004.	1.1	14
749	Sclerostin/Receptor Related Protein 4 and Ginkgo Biloba Extract Alleviates $\hat{l}^2$ -Glycerophosphate-Induced Vascular Smooth Muscle Cell Calcification By Inhibiting Wnt/ $\hat{l}^2$ -Catenin Pathway. Blood Purification, 2019, 47, 17-23.	0.9	14
750	Nitrogen Containing Bisphosphonates Impair the Release of Bone Homeostasis Mediators and Matrix Production by Human Primary Pre-Osteoblasts. International Journal of Medical Sciences, 2019, 16, 23-32.	1.1	14
751	Serum Sclerostin Level and Bone Mineral Density in Pediatric Hemophilic Arthropathy. Indian Journal of Pediatrics, 2019, 86, 515-519.	0.3	10

#	Article	IF	CITATIONS
752	Wnt Pathway in Bone Repair and Regeneration $\hat{a} \in \text{``What Do We Know So Far. Frontiers in Cell and Developmental Biology, 2018, 6, 170.}$	1.8	180
<b>7</b> 53	Diminished membrane recruitment of Akt is instrumental in alcoholâ $\in$ associated osteopenia via the $\langle scp \rangle PTEN \langle scp \rangle Akt / \langle scp \rangle a \in 3^2/\hat{l}^2 a \in catenin axis. FEBS Journal, 2019, 286, 1101-1119.$	2.2	20
754	A distinct bone phenotype in ADPKD patients with end-stage renal disease. Kidney International, 2019, 95, 412-419.	2.6	23
755	Prospect of circular RNA in osteogenesis: A novel orchestrator of signaling pathways. Journal of Cellular Physiology, 2019, 234, 21450-21459.	2.0	32
756	Osteocyte Death and Bone Overgrowth in Mice Lacking Fibroblast Growth Factor Receptors 1 and 2 in Mature Osteoblasts and Osteocytes. Journal of Bone and Mineral Research, 2019, 34, 1660-1675.	3.1	26
757	Osteoblast-specific expression of Panx3 is dispensable for postnatal bone remodeling. Bone, 2019, 127, 155-163.	1.4	7
758	Bone biology: insights from osteogenesis imperfecta and related rare fragility syndromes. FEBS Journal, 2019, 286, 3033-3056.	2.2	35
759	Ginkgolide B promotes osteoblast differentiation via activation of canonical Wnt signalling and alleviates osteoporosis through a bone anabolic way. Journal of Cellular and Molecular Medicine, 2019, 23, 5782-5793.	1.6	22
760	Investigating Osteocytic Perilacunar/Canalicular Remodeling. Current Osteoporosis Reports, 2019, 17, 157-168.	1.5	39
761	Role of intracellular Ca <sup>2+</sup> –based mechanotransduction of human periodontal ligament fibroblasts. FASEB Journal, 2019, 33, 10409-10424.	0.2	21
762	Sfrp4 repression of the Ror2/Jnk cascade in osteoclasts protects cortical bone from excessive endosteal resorption. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14138-14143.	3.3	32
763	The role of magnesium ions in bone regeneration involves the canonical Wnt signaling pathway. Acta Biomaterialia, 2019, 98, 246-255.	4.1	101
764	In vitro bone-like nodules generated from patient-derived iPSCs recapitulate pathological bone phenotypes. Nature Biomedical Engineering, 2019, 3, 558-570.	11.6	57
765	The Glycogen Synthase Kinase-3 $\hat{l}^2$ Inhibitor LSN 2105786 Promotes Zebrafish Fin Regeneration. Biomedicines, 2019, 7, 30.	1.4	3
766	Systemic sclerostin antibody treatment increases osseointegration and biomechanical competence of zoledronic-acid-coated dental implants in a rat osteoporosis model., 2019, 37, 333-346.		11
767	Krýppel-like factor 3 inhibition by mutated lncRNA <i>Reg1cp</i> results in human high bone mass syndrome. Journal of Experimental Medicine, 2019, 216, 1944-1964.	4.2	41
768	MiRâ€210â€3p inhibits osteogenic differentiation and promotes adipogenic differentiation correlated with Wnt signaling in ERαâ€deficient rBMSCs. Journal of Cellular Physiology, 2019, 234, 23475-23484.	2.0	35
769	The Role of Osteoprotegerin in Vascular Calcification and Bone Metabolism: The Basis for Developing New Therapeutics. Calcified Tissue International, 2019, 105, 239-251.	1.5	41

#	Article	IF	Citations
770	Nanoparticles to Knockdown Osteoporosis-Related Gene and Promote Osteogenic Marker Expression for Osteoporosis Treatment. ACS Nano, 2019, 13, 5451-5464.	<b>7.</b> 3	101
771	Deficiency of stressâ€associated gene <i>Nupr1</i> increases bone volume by attenuating differentiation of osteoclasts and enhancing differentiation of osteoblasts. FASEB Journal, 2019, 33, 8836-8852.	0.2	10
772	Molecular understanding of pharmacological treatment of osteoporosis. EFORT Open Reviews, 2019, 4, 158-164.	1.8	17
773	Arbutin promotes MC3T3â€'E1 mouse osteoblast precursor cell proliferation and differentiation via the Wnt/βâ€'catenin signaling pathway. Molecular Medicine Reports, 2019, 19, 4637-4644.	1.1	13
774	Identification of a single-nucleotide polymorphism within CDH2 gene associated with bone morbidity in childhood acute lymphoblastic leukemia survivors. Pharmacogenomics, 2019, 20, 409-420.	0.6	8
775	Protective Effects of Moderate Ca Supplementation against Cd-Induced Bone Damage under Different Population-Relevant Doses in Young Female Rats. Nutrients, 2019, 11, 849.	1.7	10
776	Wnt3a involved in the mechanical loading on improvement of bone remodeling and angiogenesis in a postmenopausal osteoporosis mouse model. FASEB Journal, 2019, 33, 8913-8924.	0.2	41
777	Overexpression of WNT16 Does Not Prevent Cortical Bone Loss Due to Glucocorticoid Treatment in Mice. JBMR Plus, 2019, 3, e10084.	1.3	11
778	R-spondin signaling as a pivotal regulator of tissue development and homeostasis. Japanese Dental Science Review, 2019, 55, 80-87.	2.0	28
779	Sclerostin antibody reduces long bone fractures in the oim/oim model of osteogenesis imperfecta. Bone, 2019, 124, 137-147.	1.4	29
780	Lithium chloride attenuates suppressed differentiation induced by mechanical strain in cementoblasts. Connective Tissue Research, 2019, 60, 444-451.	1.1	2
781	TG-interacting factor 1 (Tgif1)-deficiency attenuates bone remodeling and blunts the anabolic response to parathyroid hormone. Nature Communications, 2019, 10, 1354.	5.8	28
782	The Osteocyte as a Novel Key Player in Understanding Periodontitis Through its Expression of RANKL and Sclerostin: a Review. Current Osteoporosis Reports, 2019, 17, 116-121.	1.5	16
783	Biomarkers of Ossification of the Spinal Ligament. Global Spine Journal, 2019, 9, 650-657.	1.2	9
784	A Comparative Study Between the Effectiveness of 980 nm Photobiomodulation Delivered by Hand-Piece With Gaussian vs. Flat-Top Profiles on Osteoblasts Maturation. Frontiers in Endocrinology, 2019, 10, 92.	1.5	42
785	The long noncoding RNA Inc-ob1 facilitates bone formation by upregulating Osterix in osteoblasts. Nature Metabolism, 2019, 1, 485-496.	5.1	41
786	Regulation of WNT5A and WNT11 during MSC in vitro chondrogenesis: WNT inhibition lowers BMP and hedgehog activity, and reduces hypertrophy. Cellular and Molecular Life Sciences, 2019, 76, 3875-3889.	2.4	67
787	Risks and benefits of corticosteroids in arthritic diseases in the clinic. Biochemical Pharmacology, 2019, 165, 112-125.	2.0	22

#	Article	IF	CITATIONS
788	The Potential Influence of Bone-Derived Modulators on the Progression of Alzheimer's Disease. Journal of Alzheimer's Disease, 2019, 69, 59-70.	1.2	30
789	Cyclinâ€dependent kinase 8/19 inhibition suppresses osteoclastogenesis by downregulating RANK and promotes osteoblast mineralization and cancellous bone healing. Journal of Cellular Physiology, 2019, 234, 16503-16516.	2.0	16
790	<p>Gadolinium-doped bioglass scaffolds promote osteogenic differentiation of hBMSC via the Akt/GSK3β pathway and facilitate bone repair in vivo</p> . International Journal of Nanomedicine, 2019, Volume 14, 1085-1100.	3.3	38
791	New Insights Into Monogenic Causes of Osteoporosis. Frontiers in Endocrinology, 2019, 10, 70.	1.5	56
792	Atypical antipsychotics induce human osteoblasts apoptosis via Wnt/ $\hat{l}^2$ -catenin signaling. BMC Pharmacology & Equation (2019, 20, 10.	1.0	12
793	The Emerging Role of Osteocytes in Cancer in Bone. JBMR Plus, 2019, 3, e10186.	1.3	38
794	Aberrant Wnt signaling in multiple myeloma: molecular mechanisms and targeting options. Leukemia, 2019, 33, 1063-1075.	3.3	119
795	Low dose lithium supplementation activates Wnt/ $\hat{l}^2$ -catenin signalling and increases bone OPG/RANKL ratio in mice. Biochemical and Biophysical Research Communications, 2019, 511, 394-397.	1.0	19
796	Antiresorptive and anabolic agents in the prevention and reversal of bone fragility. Nature Reviews Rheumatology, 2019, 15, 225-236.	3.5	73
797	Local Regulation of Bone Cell Function. , 2019, , 57-84.		0
798	Hypermethylation of Frizzled1 is associated with Wnt $\hat{l}^2$ -catenin signaling inactivation in mesenchymal stem cells of patients with steroid-associated osteonecrosis. Experimental and Molecular Medicine, 2019, 51, 1-9.	3.2	15
799	Elimination of senescent osteoclast progenitors has no effect on the ageâ€associated loss of bone mass in mice. Aging Cell, 2019, 18, e12923.	3.0	57
800	Molecular signaling in bone cells: Regulation of cell differentiation and survival. Advances in Protein Chemistry and Structural Biology, 2019, 116, 237-281.	1.0	41
801	Berberine promotes osteogenic differentiation of mesenchymal stem cells with therapeutic potential in periodontal regeneration. European Journal of Pharmacology, 2019, 851, 144-150.	1.7	27
802	Osteogenic Dkk1 Mediates Glucocorticoid-Induced but Not Arthritis-Induced Bone Loss. Journal of Bone and Mineral Research, 2019, 34, 1314-1323.	3.1	25
803	Insulin/IGF-1R, SIRT1, and FOXOs Pathways—An Intriguing Interaction Platform for Bone and Osteosarcoma. Frontiers in Endocrinology, 2019, 10, 93.	1.5	46
804	Myeloma bone disease: from biology findings to treatment approaches. Blood, 2019, 133, 1534-1539.	0.6	88
805	The Cells of Bone and Their Interactions. Handbook of Experimental Pharmacology, 2019, 262, 1-25.	0.9	7

#	Article	IF	Citations
806	Wnt5a Stimulates Bone Resorption during Orthodontic Tooth Movement. International Journal of Oral-Medical Sciences, 2019, 17, 62-68.	0.2	0
807	Effects of teriparatide on bone in autochthonous transgenic model mice for diabetes mellitus (Akita) Tj ETQq $1\ 1$	0.784314	rgBT  Overlo
808	Restoring Wnt/β-catenin signaling is a promising therapeutic strategy for Alzheimer's disease. Molecular Brain, 2019, 12, 104.	1.3	172
809	Cystic fibrosis bone disease: Pathophysiology, assessment and prognostic implications. Journal of Cystic Fibrosis, 2019, 18, S48-S55.	0.3	30
810	The osteogenic differentiation of human adipose-derived stem cells is regulated through the let-7i-3p/LEF1/ $\hat{l}^2$ -catenin axis under cyclic strain. Stem Cell Research and Therapy, 2019, 10, 339.	2.4	23
811	TIMP Loss Activates Metalloproteinase-TNFα-DKK1 Axis To Compromise Wnt Signaling and Bone Mass. Journal of Bone and Mineral Research, 2019, 34, 182-194.	3.1	18
812	Rehmanniae Radix Preparata suppresses bone loss and increases bone strength through interfering with canonical Wnt/ $\hat{l}^2$ -catenin signaling pathway in OVX rats. Osteoporosis International, 2019, 30, 491-505.	1.3	29
813	Regulation of osteoblast differentiation by osteocytes cultured on sclerostin antibody conjugated TiO2 nanotube array. Colloids and Surfaces B: Biointerfaces, 2019, 175, 663-670.	2.5	10
814	Downregulation of microRNAâ€367 promotes osteoblasts growth and proliferation of mice during fracture by activating the PANX3â€mediated Wnt/β atenin pathway. Journal of Cellular Biochemistry, 2019, 120, 8247-8258.	1.2	9
815	Correlation between sclerostin and Dickkopf-1 with aortic arterial stiffness in patients with type 2 diabetes: A prospective, cross-sectional study. Diabetes and Vascular Disease Research, 2019, 16, 281-288.	0.9	8
816	MiRNAâ€"target interactions in osteogenic signaling pathways involving zinc via the metal regulatory element. BioMetals, 2019, 32, 111-121.	1.8	6
817	Pulsed electromagnetic fields: promising treatment for osteoporosis. Osteoporosis International, 2019, 30, 267-276.	1.3	42
818	Glucocorticoid signaling and osteoarthritis. Molecular and Cellular Endocrinology, 2019, 480, 153-166.	1.6	28
819	Metastatic bone disease: Pathogenesis and therapeutic options. Journal of Bone Oncology, 2019, 15, 100205.	1.0	153
820	Overexpression of CAV3 facilitates bone formation via the Wnt signaling pathway in osteoporotic rats. Endocrine, 2019, 63, 639-650.	1.1	2
821	Generation of 3D Soluble Signal Gradients in Cellâ€Laden Hydrogels Using Passive Diffusion. Advanced Biology, 2019, 3, 1800237.	3.0	6
822	The critical interplay between bone resorbing and bone forming cells. Journal of Clinical Periodontology, 2019, 46, 33-51.	2.3	54
823	Overcoming natural Wnt inhibition to optimize therapy. Nature Reviews Rheumatology, 2019, 15, 67-68.	3.5	5

#	Article	IF	Citations
824	NOTUM inhibition increases endocortical bone formation and bone strength. Bone Research, 2019, 7, 2.	5.4	57
825	Signaling Mechanisms Underlying Genetic Pathophysiology of Craniosynostosis. International Journal of Biological Sciences, 2019, 15, 298-311.	2.6	20
826	An update on the role of RANKL–RANK/osteoprotegerin and WNT-ß-catenin signaling pathways in pediatric diseases. World Journal of Pediatrics, 2019, 15, 4-11.	0.8	29
827	Regulatory mechanisms of sclerostin expression during bone remodeling. Journal of Bone and Mineral Metabolism, 2019, 37, 9-17.	1.3	32
828	Genetic approaches to metabolic bone diseases. British Journal of Clinical Pharmacology, 2019, 85, 1147-1160.	1.1	21
829	Let-7c regulates proliferation and osteodifferentiation of human adipose-derived mesenchymal stem cells under oxidative stress by targeting SCD-1. American Journal of Physiology - Cell Physiology, 2019, 316, C57-C69.	2.1	28
830	Use it or lose it to age: A review of bone and muscle communication. Bone, 2019, 120, 212-218.	1.4	132
831	Clinical immunity in bone and joints. Journal of Bone and Mineral Metabolism, 2019, 37, 2-8.	1.3	45
832	Wnt Signaling in vascular eye diseases. Progress in Retinal and Eye Research, 2019, 70, 110-133.	7.3	130
833	Mesenchymal lineage cells and their importance in B lymphocyte niches. Bone, 2019, 119, 42-56.	1.4	13
834	The BMP-2 mutant L51P: a BMP receptor IA binding-deficient inhibitor of noggin. Journal of Bone and Mineral Metabolism, 2019, 37, 199-205.	1.3	10
835	Adjuvant drug-assisted bone healing: Part III – Further strategies for local and systemic modulation. Clinical Hemorheology and Microcirculation, 2020, 73, 439-488.	0.9	7
836	Rapamycin Affects Palmitate-Induced Lipotoxicity in Osteoblasts by Modulating Apoptosis and Autophagy. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 58-63.	1.7	38
837	FGF23 and Klotho in Chronic Kidney Disease. , 2020, , 57-64.		1
838	Adjuvant drug-assisted bone healing: Part I – Modulation of inflammation. Clinical Hemorheology and Microcirculation, 2020, 73, 381-408.	0.9	13
839	Celiac Disease and Bone Health in Children and Adolescents: A Systematic Review and Meta-Analysis. Journal of Clinical Densitometry, 2020, 23, 200-211.	0.5	21
840	The osteocyte: A multifunctional cell within the bone. Annals of Anatomy, 2020, 227, 151422.	1.0	99
841	Aging and bone. , 2020, , 275-292.		2

#	ARTICLE	IF	CITATIONS
842	Phosphate glass fibers facilitate proliferation and osteogenesis through Runx2 transcription in murine osteoblastic cells. Journal of Biomedical Materials Research - Part A, 2020, 108, 316-326.	2.1	11
843	CRYAB promotes osteogenic differentiation of human bone marrow stem cells via stabilizing β atenin and promoting the Wnt signalling. Cell Proliferation, 2020, 53, e12709.	2.4	18
844	Bone adaptation: Safety factors and load predictability in shaping skeletal form. Bone, 2020, 131, 115114.	1.4	31
845	JAK1/2 pathway inhibition suppresses M2 polarization and overcomes resistance of myeloma to lenalidomide by reducing TRIB1, MUC1, CD44, CXCL12, and CXCR4 expression. British Journal of Haematology, 2020, 188, 283-294.	1.2	45
846	Mineralized tissues in hypophosphatemic rickets. Pediatric Nephrology, 2020, 35, 1843-1854.	0.9	24
847	Skeletal changes during lactation and after weaning in osteocyte-specific sclerostin overexpressed mice. Journal of Bone and Mineral Metabolism, 2020, 38, 172-178.	1.3	1
848	Molecular and cellular regulation of intramembranous and endochondral bone formation during embryogenesis., 2020,, 5-44.		2
849	Effects of mechanical vibration on cell morphology, proliferation, apoptosis, and cytokine expression/secretion in osteocyteâ€ike MLO‥4 cells exposed to high glucose. Cell Biology International, 2020, 44, 216-228.	1.4	10
850	Modulation of the mechanosensing of mesenchymal stem cells by laser-induced patterning for the acceleration of tissue reconstruction through the Wnt/ $\hat{l}^2$ -catenin signaling pathway activation. Acta Biomaterialia, 2020, 101, 152-167.	4.1	51
851	Marrow Adipocytes: Origin, Structure, and Function. Annual Review of Physiology, 2020, 82, 461-484.	5.6	44
852	Cellular actions of parathyroid hormone on bone. , 2020, , 775-788.		2
853	Deficiency of Macf1 in osterix expressing cells decreases bone formation by Bmp2/Smad/Runx2 pathway. Journal of Cellular and Molecular Medicine, 2020, 24, 317-327.	1.6	29
854	Role of forkhead box gene family in bone metabolism. Journal of Cellular Physiology, 2020, 235, 1986-1994.	2.0	7
855	Differential skeletal response in adult and aged rats to independent and combinatorial stimulation with pulsed electromagnetic fields and mechanical vibration. FASEB Journal, 2020, 34, 3037-3050.	0.2	14
856	Wnt pathway: A mechanism worth considering in endocrine disrupting chemical action. Toxicology and Industrial Health, 2020, 36, 41-53.	0.6	4
857	BMP9 Reduces Bone Loss in Ovariectomized Mice by Dual Regulation of Bone Remodeling. Journal of Bone and Mineral Research, 2020, 35, 978-993.	3.1	28
858	Sclerostin within the chronic kidney disease spectrum. Clinica Chimica Acta, 2020, 502, 84-90.	0.5	12
859	The miRâ€193aâ€3pâ€MAP3k3 Signaling Axis Regulates Substrate Topographyâ€Induced Osteogenesis of Bone Marrow Stem Cells. Advanced Science, 2020, 7, 1901412.	5.6	17

#	Article	IF	CITATIONS
860	Wnt signaling and bone cell activity., 2020, , 177-204.		0
861	The molecular actions of parathyroid hormone/parathyroid hormone–related protein receptor type 1 and their implications. , 2020, , 1273-1291.		O
862	Pharmacologic basis of sclerostin inhibition. , 2020, , 1711-1731.		0
863	Bone biomarkers in de novo renal transplant recipients. Clinica Chimica Acta, 2020, 501, 179-185.	0.5	9
864	CFTR-deficient pigs display alterations of bone microarchitecture and composition at birth. Journal of Cystic Fibrosis, 2020, 19, 466-475.	0.3	6
865	Calcitonin Induces Bone Formation by Increasing Expression of Wnt10b in Osteoclasts in Ovariectomy-Induced Osteoporotic Rats. Frontiers in Endocrinology, 2020, 11, 613.	1.5	22
866	Biochemical activity of magnesium ions on human osteoblast migration. Biochemical and Biophysical Research Communications, 2020, 531, 588-594.	1.0	19
867	Impact of whole-body vibration exercise on physical performance and bone turnover in patients with monoclonal gammopathy of undetermined significance. Journal of Bone Oncology, 2020, 25, 100323.	1.0	5
869	The roles of carbonic anhydrases IX and XII in cancer cell adhesion, migration, invasion and metastasis. Biology of the Cell, 2020, 112, 383-397.	0.7	14
870	Molecular basis and therapeutic potential of myostatin on bone formation and metabolism in orthopedic disease. BioFactors, 2023, 49, 21-31.	2.6	11
872	miR-124-3p promotes BMSC osteogenesis via suppressing the GSK- $3\hat{l}^2/\hat{l}^2$ -catenin signaling pathway in diabetic osteoporosis rats. In Vitro Cellular and Developmental Biology - Animal, 2020, 56, 723-734.	0.7	17
873	Nfil3, a target of the NACA transcriptional coregulator, affects osteoblast and osteocyte gene expression differentially. Bone, 2020, 141, 115624.	1.4	6
874	microRNAâ€146a controls ageâ€related bone loss. Aging Cell, 2020, 19, e13244.	3.0	20
875	Systemic osteoprotegerin does not improve periâ€implant bone volume or osseointegration in rabbits. Journal of Orthopaedic Research, 2020, 39, 1611-1621.	1.2	0
877	Monitoring and maintaining bone health in patients with Turner syndrome. Expert Review of Endocrinology and Metabolism, 2020, 15, 431-438.	1.2	5
878	DNA methylation and gene expression of sFRP2, sFRP4, Dkk 1, and Wif1 during osteoblastic differentiation of bone marrow derived mesenchymal stem cells. Journal of Oral Biosciences, 2020, 62, 349-356.	0.8	7
879	8-prenylgenistein exerts osteogenic effects via ER $\hat{l}_{\pm}$ and Wnt-dependent signaling pathway. Experimental Cell Research, 2020, 395, 112186.	1.2	8
880	Wnt signaling and Loxl2 promote aggressive osteosarcoma. Cell Research, 2020, 30, 885-901.	5.7	68

#	Article	IF	CITATIONS
881	Crosstalk of Brain and Boneâ€"Clinical Observations and Their Molecular Bases. International Journal of Molecular Sciences, 2020, 21, 4946.	1.8	32
882	Current and Emerging Bone-Targeted Therapies for The Treatment of Bone Metastases From Solid Tumors. , 2020, , 403-420.		0
883	Current advances in regulation of bone homeostasis. FASEB BioAdvances, 2020, 2, 668-679.	1.3	70
884	Differences and similarities between cancer and somatic stem cells: the rapeutic implications. Stem Cell Research and Therapy, 2020, $11,489$ .	2.4	65
885	Impact of Type 1 Diabetes Mellitus on Skeletal Integrity and Strength in Adolescents as Assessed by HRpQCT. JBMR Plus, 2020, 4, e10422.	1.3	16
886	Daphnetin ameliorates glucocorticoid-induced osteoporosis via activation of Wnt/GSK-3 $\hat{l}^2/\hat{l}^2$ -catenin signaling. Toxicology and Applied Pharmacology, 2020, 409, 115333.	1.3	18
887	Effects of Estrogen Receptor and Wnt Signaling Activation on Mechanically Induced Bone Formation in a Mouse Model of Postmenopausal Bone Loss. International Journal of Molecular Sciences, 2020, 21, 8301.	1.8	18
888	Down-regulation of LECT2 promotes osteogenic differentiation of MSCs via activating Wnt/ $\hat{l}^2$ -catenin pathway. Biomedicine and Pharmacotherapy, 2020, 130, 110593.	2.5	13
889	The role of WNT1 mutant variant (WNT1 c.677C>T) in osteogenesis imperfecta. Annals of Human Genetics, 2020, 84, 447-455.	0.3	4
890	Hypoxia improved vasculogenesis in distraction osteogenesis through Mesenchymal-Epithelial transition (MET), Wnt/β-catenin signaling pathway, and autophagy. Acta Histochemica, 2020, 122, 151593.	0.9	12
891	Establishment and transcriptomic analyses of a cattle rumen epithelial primary cells (REPC) culture by bulk and single-cell RNA sequencing to elucidate interactions of butyrate and rumen development. Heliyon, 2020, 6, e04112.	1.4	8
892	The Application of MSCs-Derived Extracellular Vesicles in Bone Disorders: Novel Cell-Free Therapeutic Strategy. Frontiers in Cell and Developmental Biology, 2020, 8, 619.	1.8	30
893	Sclerostin expression in trabecular bone is downregulated by osteoclasts. Scientific Reports, 2020, 10, 13751.	1.6	17
894	The expression and regulation of Wnt1 in tooth movement–initiated mechanotransduction. American Journal of Orthodontics and Dentofacial Orthopedics, 2020, 158, e151-e160.	0.8	10
895	Anti-Sclerostin Antibodies in Osteoporosis and Other Bone Diseases. Journal of Clinical Medicine, 2020, 9, 3439.	1.0	50
896	Bone formation around unstable implants is enhanced by a WNT protein therapeutic in a preclinical in vivo model. Clinical Oral Implants Research, 2020, 31, 1125-1137.	1.9	4
897	Mechanisms of bone development and repair. Nature Reviews Molecular Cell Biology, 2020, 21, 696-711.	16.1	433
898	Romosozumab: A Review in Postmenopausal Osteoporosis. Drugs and Aging, 2020, 37, 845-855.	1.3	32

#	Article	IF	CITATIONS
899	Impact of Alcohol on Bone Health, Homeostasis, and Fracture Repair. Current Pathobiology Reports, 2020, 8, 75-86.	1.6	9
900	Phase Ib clinical trial of the anti-frizzled antibody vantictumab (OMP-18R5) plus paclitaxel in patients with locally advanced or metastatic HER2-negative breast cancer. Breast Cancer Research and Treatment, 2020, 184, 53-62.	1.1	64
901	Knockdown of POSTN Inhibits Osteogenic Differentiation of Mesenchymal Stem Cells From Patients With Steroid-Induced Osteonecrosis. Frontiers in Cell and Developmental Biology, 2020, 8, 606289.	1.8	15
902	The Genetic Architecture of High Bone Mass. Frontiers in Endocrinology, 2020, 11, 595653.	1.5	18
903	Cells Involved in Mechanotransduction Including Mesenchymal Stem Cells. , 2020, , 311-332.		2
904	Exosomal arrow (Arr)/lipoprotein receptor protein 6 (LRP6) in Drosophila melanogaster increases the extracellular level of Sol narae (Sona) in a Wnt-independent manner. Cell Death and Disease, 2020, 11, 944.	2.7	2
905	Bone Disease in Nephropathic Cystinosis: Beyond Renal Osteodystrophy. International Journal of Molecular Sciences, 2020, 21, 3109.	1.8	15
906	Mice Carrying a Ubiquitous <scp>R235W</scp> Mutation of <i>Wnt1</i> Display a Boneâ€Specific Phenotype. Journal of Bone and Mineral Research, 2020, 35, 1726-1737.	3.1	8
907	Pax9's dual roles in modulating Wnt signaling during murine palatogenesis. Developmental Dynamics, 2020, 249, 1274-1284.	0.8	9
908	Unique, Genderâ€Dependent Serum <scp>microRNA</scp> Profile in <scp><i>PLS3</i></scp> Geneâ€Related Osteoporosis. Journal of Bone and Mineral Research, 2020, 35, 1962-1973.	3.1	12
909	Anti-DKK1 Enhances the Early Osteogenic Differentiation of Human Adipose-Derived Stem/Stromal Cells. Stem Cells and Development, 2020, 29, 1007-1015.	1.1	11
910	Alcoholâ€induced Wnt signaling inhibition during bone fracture healing is normalized by intermittent parathyroid hormone treatment. Animal Models and Experimental Medicine, 2020, 3, 200-207.	1.3	6
911	$\hat{l}^2$ -catenin mediates fluoride-induced aberrant osteoblasts activity and osteogenesis. Environmental Pollution, 2020, 265, 114734.	3.7	19
912	MircoRNA-143-3p regulating ARL6 is involved in the cadmium-induced inhibition of osteogenic differentiation in human bone marrow mesenchymal stem cells. Toxicology Letters, 2020, 331, 159-166.	0.4	17
913	The PI3K/AKT pathway promotes fracture healing through its crosstalk with Wnt/ $\hat{l}^2$ -catenin. Experimental Cell Research, 2020, 394, 112137.	1.2	45
914	<scp>LGRs</scp> in Skeletal Tissues: An Emerging Role for Wntâ€Associated Adult Stem Cell Markers in Bone. JBMR Plus, 2020, 4, e10380.	1.3	11
915	Fibronectin 1 activates WNT/ $\hat{l}^2$ -catenin signaling to induce osteogenic differentiation via integrin $\hat{l}^21$ interaction. Laboratory Investigation, 2020, 100, 1494-1502.	1.7	35
916	Glycogen Synthase Kinase $3\hat{l}^2$ in Cancer Biology and Treatment. Cells, 2020, 9, 1388.	1.8	46

#	Article	IF	Citations
917	Iron-Chelating Agent Can Maintain Bone Homeostasis Disrupted by Iron Overload by Upregulating Wnt/Beta-Catenin Signaling. BioMed Research International, 2020, 2020, 1-8.	0.9	7
918	Signaling in Osteoblast Differentiation. , 2020, , 416-426.		3
919	Associations of Serum Dickkopfâ€1 and Sclerostin With Cardiovascular Events: Results From the Prospective Bruneck Study. Journal of the American Heart Association, 2020, 9, e014816.	1.6	12
920	In vivo dynamic analysis of BMP-2-induced ectopic bone formation. Scientific Reports, 2020, 10, 4751.	1.6	41
921	Casein kinase 1 epsilon facilitates cartilage destruction in osteoarthritis through JNK pathway. FASEB Journal, 2020, 34, 6466-6478.	0.2	6
922	The Endosteal Niche in Breast Cancer Bone Metastasis. Frontiers in Oncology, 2020, 10, 335.	1.3	52
923	Interactions between Muscle and Boneâ€"Where Physics Meets Biology. Biomolecules, 2020, 10, 432.	1.8	79
924	Genetics of Skeletal Disorders. Handbook of Experimental Pharmacology, 2020, 262, 325-351.	0.9	3
925	Wnt16 Overexpression in Osteoblasts Increases the Subchondral Bone Mass but has no Impact on Osteoarthritis in Young Adult Female Mice. Calcified Tissue International, 2020, 107, 31-40.	1.5	7
926	Parathyroid Hormone: A Uremic Toxin. Toxins, 2020, 12, 189.	1.5	36
927	Pathway Mutations in Breast Cancer Using Whole-Exome Sequencing. Oncology Research, 2020, 28, 107-116.	0.6	15
928	An update on Wnt signaling pathway in cancer. Translational Cancer Research, 2020, 9, 1246-1252.	0.4	5
929	Effects and Mechanisms of Exogenous Electromagnetic Field on Bone Cells: A Review. Bioelectromagnetics, 2020, 41, 263-278.	0.9	28
930	Both JNK1 and JNK2 Are Indispensable for Sensitized Extracellular Matrix Mineralization in IKKβ-Deficient Osteoblasts. Frontiers in Endocrinology, 2020, 11, 13.	1.5	5
931	<p>The Clinical Diagnostic and Prognostic Value of Dickkopf-1 in Cancer</p> . Cancer Management and Research, 2020, Volume 12, 4253-4260.	0.9	6
932	A Novel 3D Osteoblast and Osteocyte Model Revealing Changes in Mineralization and Pro-osteoclastogenic Paracrine Signaling During Estrogen Deficiency. Frontiers in Bioengineering and Biotechnology, 2020, 8, 601.	2.0	11
933	A FAK/HDAC5 signaling axis controls osteocyte mechanotransduction. Nature Communications, 2020, 11, 3282.	5.8	57
934	The Osteocyte as the New Discovery of Therapeutic Options in Rare Bone Diseases. Frontiers in Endocrinology, 2020, 11, 405.	1.5	35

#	Article	IF	CITATIONS
935	Nonclinical cardiovascular safety evaluation of romosozumab, an inhibitor of sclerostin for the treatment of osteoporosis in postmenopausal women at high risk of fracture. Regulatory Toxicology and Pharmacology, 2020, 115, 104697.	1.3	32
936	Bioactivating a bone substitute accelerates graft incorporation in a murine model of vertical ridge augmentation. Dental Materials, 2020, 36, 1303-1313.	1.6	7
937	Modulation of bone turnover aberration: A target for management of primary osteoporosis in experimental rat model. Heliyon, 2020, 6, e03341.	1.4	9
938	miRâ€136â€3p targets PTEN to regulate vascularization and bone formation and ameliorates alcoholâ€induced osteopenia. FASEB Journal, 2020, 34, 5348-5362.	0.2	26
939	Serum Sclerostin But Not DKK-1 Correlated with Central Arterial Stiffness in End Stage Renal Disease Patients. International Journal of Environmental Research and Public Health, 2020, 17, 1230.	1.2	9
940	Recombinant Irisin Prevents the Reduction of Osteoblast Differentiation Induced by Stimulated Microgravity through Increasing $\hat{l}^2$ -Catenin Expression. International Journal of Molecular Sciences, 2020, 21, 1259.	1.8	41
941	Therapeutic Applications of Genes and Gene-Engineered Mesenchymal Stem Cells for Femoral Head Necrosis. Human Gene Therapy, 2020, 31, 286-296.	1.4	15
942	Pulsed electromagnetic fields modify the adverse effects of glucocorticoids on bone architecture, bone strength and porous implant osseointegration by rescuing bone-anabolic actions. Bone, 2020, 133, 115266.	1.4	24
943	JAK inhibition increases bone mass in steady-state conditions and ameliorates pathological bone loss by stimulating osteoblast function. Science Translational Medicine, 2020, 12, .	5.8	80
944	Biomarkers in WNT1 and PLS3 Osteoporosis: Altered Concentrations of DKK1 and FGF23. Journal of Bone and Mineral Research, 2020, 35, 901-912.	3.1	24
945	Thyroid Hormone Actions and Bone Remodeling – The Role of the Wnt Signaling Pathway. Experimental and Clinical Endocrinology and Diabetes, 2020, 128, 450-454.	0.6	19
946	Corylin, a flavonoid derived from Psoralea Fructus, induces osteoblastic differentiation via estrogen and Wnt/βâ€catenin signaling pathways. FASEB Journal, 2020, 34, 4311-4328.	0.2	40
947	Yak (Bos grunniens) bones collagenâ€derived peptides stimulate osteoblastic proliferation and differentiation via the activation of Wnt/βâ€catenin signaling pathway. Journal of the Science of Food and Agriculture, 2020, 100, 2600-2609.	1.7	20
948	Deletion of <i>Wnt5a</i> in osteoclasts results in bone loss through decreased bone formation. Annals of the New York Academy of Sciences, 2020, 1463, 45-59.	1.8	18
949	Foxf1 knockdown promotes BMSC osteogenesis in part by activating the Wnt/ $\hat{l}^2$ -catenin signalling pathway and prevents ovariectomy-induced bone loss. EBioMedicine, 2020, 52, 102626.	2.7	82
950	Disruption of Dhcr7 and Insig $1/2$ in cholesterol metabolism causes defects in bone formation and homeostasis through primary cilium formation. Bone Research, 2020, 8, 1.	5.4	62
951	Knee loading repairs osteoporotic osteoarthritis by relieving abnormal remodeling of subchondral bone via Wnt/βâ€catenin signaling. FASEB Journal, 2020, 34, 3399-3412.	0.2	24
952	Functionalized TiCu/Tiâ€Cuâ€Nâ€Coated 3Dâ€Printed Porous Ti6Al4V Scaffold Promotes Bone Regeneration through BMSC Recruitment. Advanced Materials Interfaces, 2020, 7, 1901632.	1.9	22

#	Article	IF	CITATIONS
953	Sclerostin-Antibody Treatment Decreases Fracture Rates in Axial Skeleton and Improves the Skeletal Phenotype in Growing oim/oim Mice. Calcified Tissue International, 2020, 106, 494-508.	1.5	19
954	Wnt7b-induced Sox11 functions enhance self-renewal and osteogenic commitment of bone marrow mesenchymal stem cells. Stem Cells, 2020, 38, 1020-1033.	1.4	32
955	Alterations in osteocyte mediated osteoclastogenesis during estrogen deficiency and under ROCK-II inhibition: An in vitro study using a novel postmenopausal multicellular niche model. Experimental Cell Research, 2020, 392, 112005.	1.2	11
956	Combination of nanolamellae and PDA coating on promoting the long-term adhesion, proliferation, and differentiation of osteoblasts. Polymer, 2020, 196, 122462.	1.8	7
957	The Circular RNA circRNA124534 Promotes Osteogenic Differentiation of Human Dental Pulp Stem Cells Through Modulation of the miR-496/ $\hat{l}^2$ -Catenin Pathway. Frontiers in Cell and Developmental Biology, 2020, 8, 230.	1.8	41
958	Matrix density drives 3D organotypic lymphatic vessel activation in a microfluidic model of the breast tumor microenvironment. Lab on A Chip, 2020, 20, 1586-1600.	3.1	40
959	WNT Signaling and Bone: Lessons From Skeletal Dysplasias and Disorders. Frontiers in Endocrinology, 2020, 11, 165.	1.5	61
960	Roles of Dkk2 in the Linkage from Muscle to Bone during Mechanical Unloading in Mice. International Journal of Molecular Sciences, 2020, 21, 2547.	1.8	17
961	Preparation and characteristics of a novel oxygenâ€releasing coating for improved cell responses in hypoxic environment. Journal of Biomedical Materials Research - Part A, 2021, 109, 248-261.	2.1	1
962	Expression and function of the P2X7 receptor in human osteoblasts: The role of NFATc1 transcription factor. Journal of Cellular Physiology, 2021, 236, 641-652.	2.0	10
963	Do polyunsaturated fatty acids protect against bone loss in our aging and osteoporotic population?. Bone, 2021, 143, 115736.	1.4	22
964	Control del fósforo y prevención de fracturas en el paciente renal. Nefrologia, 2021, 41, 7-14.	0.2	2
965	Role of histone deacetylases in bone development and skeletal disorders. Bone, 2021, 143, 115606.	1.4	9
966	Osteoclast differentiation by RANKL and OPG signaling pathways. Journal of Bone and Mineral Metabolism, 2021, 39, 19-26.	1.3	293
967	Impact of MGUS and myeloma on skeletal health. , 2021, , 1421-1437.		0
968	Osteoblastic Wnt1 regulates periosteal bone formation in adult mice. Bone, 2021, 143, 115754.	1.4	16
969	WNT16 is upregulated early in mouse TMJ osteoarthritis and protects fibrochondrocytes against IL- $1^2$ induced inflammatory response by regulation of RUNX2/MMP13 cascade. Bone, 2021, 143, 115793.	1.4	18
970	Bone fracture healing: perspectives according to molecular basis. Journal of Bone and Mineral Metabolism, 2021, 39, 311-331.	1.3	17

#	Article	IF	CITATIONS
971	Osteoclastogenesis and sphingosine-1-phosphate secretion from human osteoclast precursor monocytes are modulated by the cystic fibrosis transmembrane conductance regulator. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166010.	1.8	2
972	Osteogenic effects of the bioactive small molecules and minerals in the scaffold-based bone tissue engineering. Colloids and Surfaces B: Biointerfaces, 2021, 198, 111462.	2.5	58
973	Interleukin-6 (IL-6) deficiency enhances intramembranous osteogenesis following stress fracture in mice. Bone, 2021, 143, 115737.	1.4	10
974	Chronic Kidney Disease–Induced Vascular Calcification Impairs Bone Metabolism. Journal of Bone and Mineral Research, 2020, 36, 510-522.	3.1	24
975	High-purity magnesium pin enhances bone consolidation in distraction osteogenesis via regulating Ptch protein activating Hedgehog-alternative Wnt signaling. Bioactive Materials, 2021, 6, 1563-1574.	8.6	20
976	Pathological mechanism of joint destruction in haemophilic arthropathy. Molecular Biology Reports, 2021, 48, 969-974.	1.0	21
977	MicroRNAs regulating TGFÎ <sup>2</sup> and BMP signaling in the osteoblast lineage. Bone, 2021, 143, 115791.	1.4	20
978	Comparable Initial Engagement of Intracellular Signaling Pathways by Parathyroid Hormone Receptor Ligands Teriparatide, Abaloparatide, and Longâ€Acting PTH. JBMR Plus, 2021, 5, e10441.	1.3	13
979	Wnt/ $\hat{l}^2$ -Catenin Signaling Promotes the Formation of Preodontoblasts In Vitro. Journal of Dental Research, 2021, 100, 387-396.	2.5	21
980	Clinical Phenotype and Relevance of LRP5 and LRP6 Variants in Patients With Early-Onset Osteoporosis (EOOP). Journal of Bone and Mineral Research, 2020, 36, 271-282.	3.1	32
981	Strontium regulates stem cell fate during osteogenic differentiation through asymmetric cell division. Acta Biomaterialia, 2021, 119, 432-443.	4.1	22
982	Bisphosphonate-related osteonecrosis induced change in alveolar bone architecture in rats with participation of Wnt signaling. Clinical Oral Investigations, 2021, 25, 673-682.	1.4	14
983	Therapeutic targets in myeloma bone disease. British Journal of Pharmacology, 2021, 178, 1907-1922.	2.7	18
984	Effects of hyperglycemia and mechanical stimulations on differentiation fate of mesenchymal stem cells., 2021,, 173-200.		0
985	Romosozumab for the treatment of postmenopausal osteoporosis. , 2021, , 1827-1833.		0
986	Osteoclast biology. , 2021, , 99-110.		0
987	Glucocorticoid therapy suppresses Wnt signaling by reducing the ratio of serum Wnt3a to Wnt inhibitors, sFRP-1 and Wif-1. Clinical Rheumatology, 2021, 40, 2947-2954.	1.0	9
988	FGF23 and bone disease. , 2021, , 99-113.		1

#	Article	IF	Citations
989	Anabolic and Emerging Therapies. , 2021, , 81-95.		0
990	Combining Sclerostin Neutralization with Tissue Engineering: ÂAn Improved Strategy for Craniofacial Bone Repair. SSRN Electronic Journal, 0, , .	0.4	0
991	Osteogenic and Anti-Osteoclastogenic Properties of the Curcuminoid, CRE-Bin: <i>Ex Vivo</i> Experiments. SSRN Electronic Journal, 0, , .	0.4	0
992	Induction of M2â€Type Macrophage Differentiation for Bone Defect Repair via an Interpenetration Network Hydrogel with a GOâ€Based Controlled Release System. Advanced Healthcare Materials, 2021, 10, e2001502.	3.9	51
993	Hydroxyapatite Particle Density Regulates Osteoblastic Differentiation Through $\hat{l}^2$ -Catenin Translocation. Frontiers in Bioengineering and Biotechnology, 2020, 8, 591084.	2.0	8
994	Control of phosphorus and prevention of fractures in the kidney patient. Nefrologia, 2021, 41, 7-14.	0.2	2
995	Extracellular Vesicle-Mediated Bone Remodeling and Bone Metastasis: Implications in Prostate Cancer. Sub-Cellular Biochemistry, 2021, 97, 297-361.	1.0	4
996	Mechanisms of Bone Fragility: From Osteogenesis Imperfecta to Secondary Osteoporosis. International Journal of Molecular Sciences, 2021, 22, 625.	1.8	44
997	WNT signaling in skeletal homeostasis and diseases. , 2021, , 257-279.		3
998	Sclerostin Antibody Administration Increases the Numbers of Sox9creER+ Skeletal Precursors and Their Progeny. Journal of Bone and Mineral Research, 2020, 36, 757-767.	3.1	10
999	Dihydroartemisinin attenuates osteoarthritis by inhibiting abnormal bone remodeling and angiogenesis in subchondral bone. International Journal of Molecular Medicine, 2021, 47, .	1.8	19
1000	ERK1/2 inhibition reduces vascular calcification by activating miR-126-3p-DKK1/LRP6 pathway. Theranostics, 2021, 11, 1129-1146.	4.6	31
1001	Generation of the tumor-suppressive secretome from tumor cells. Theranostics, 2021, 11, 8517-8534.	4.6	20
1002	Comparative evaluation of sclerostin levels in gingival crevicular fluid in the treatment of chronic periodontitis patients using diode laser as an adjunct to scaling and root planing: A clinico-biochemical study. Contemporary Clinical Dentistry, 2021, 12, 276.	0.2	5
1003	Molecular characterisation of osteoblasts from bone obtained from people of Polynesian and European ancestry undergoing joint replacement surgery. Scientific Reports, 2021, 11, 2428.	1.6	2
1004	High water-soluble curcuminoids-rich extract regulates osteogenic differentiation of MC3T3-E1 cells: Involvement of Wnt/ $\hat{l}^2$ -catenin and BMP signaling pathway. Chinese Herbal Medicines, 2021, 13, 534-540.	1.2	6
1005	Therapy of Myeloma Bone Disease., 2021,, 111-137.		0
1006	Chronic Kidney Disease – Mineral and Bone Disorder (CKD-MBD). , 2021, , 1-29.		0

#	Article	IF	CITATIONS
1007	Effect of aging on bone metabolism: the involvement of complement C1q. Journal of Prosthodontic Research, 2021, 65, 393-399.	1.1	2
1008	Signaling Pathway Mediating Myeloma Cell Growth and Survival. Cancers, 2021, 13, 216.	1.7	36
1009	Running Against the Wnt: How Wnt/ $\hat{l}^2$ -Catenin Suppresses Adipogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 627429.	1.8	68
1010	Pulsed electromagnetic field (PEMF) transiently stimulates the rate of mineralization in a 3-dimensional ring culture model of osteogenesis. PLoS ONE, 2021, 16, e0244223.	1.1	3
1011	Endocrine disrupting chemicals and bone. Best Practice and Research in Clinical Endocrinology and Metabolism, 2021, 35, 101495.	2.2	20
1012	JKAMP inhibits the osteogenic capacity of adipose-derived stem cells in diabetic osteoporosis by modulating the Wnt signaling pathway through intragenic DNA methylation. Stem Cell Research and Therapy, 2021, 12, 120.	2.4	16
1013	Role of irisin in effects of chronic exercise on muscle and bone in ovariectomized mice. Journal of Bone and Mineral Metabolism, 2021, 39, 547-557.	1.3	14
1014	Semaphorin 3A promotes the osteogenic differentiation of rat bone marrow-derived mesenchymal stem cells in inflammatory environments by suppressing the Wnt/l²-catenin signaling pathway. Journal of Molecular Histology, 2021, 52, 1245-1255.	1.0	12
1015	Food-derived natural compounds in the management of chronic diseases via Wnt signaling pathway. Critical Reviews in Food Science and Nutrition, 2022, 62, 4769-4799.	5.4	7
1016	Kaiso regulates osteoblast differentiation and mineralization via the Itga10/PI3K/AKT signaling pathway. International Journal of Molecular Medicine, 2021, 47, .	1.8	5
1017	Direct conversion of osteosarcoma to adipocytes by targeting TNIK. JCI Insight, 2021, 6, .	2.3	12
1018	Silencing Proteasome 26S Subunit ATPase 2 (PSMC2) Protects the Osteogenic Differentiation In Vitro and Osteogenesis In Vivo. Calcified Tissue International, 2021, 109, 44-54.	1.5	1
1019	Ckip‹1 regulates C3H10T1/2 mesenchymal cell proliferation and osteogenic differentiation via Lrp5. Experimental and Therapeutic Medicine, 2021, 21, 342.	0.8	0
1020	ChondroGELesis: Hydrogels to harness the chondrogenic potential of stem cells. Materials Science and Engineering C, 2021, 121, 111822.	3.8	14
1021	Multiple Myeloma Bone Disease: Implication of MicroRNAs in Its Molecular Background. International Journal of Molecular Sciences, 2021, 22, 2375.	1.8	17
1022	Exploring IL-17 in spondyloarthritis for development of novel treatments and biomarkers. Autoimmunity Reviews, 2021, 20, 102760.	2.5	15
1023	Osteoinductive function of fucoidan on periodontal ligament stem cells: Role of PI3K/Akt and Wnt/βâ€eatenin signaling pathways. Oral Diseases, 2022, 28, 1628-1639.	1.5	8
1024	Adynamic bone disease: Revisited. Nefrologia, 2022, 42, 8-14.	0.2	1

#	Article	IF	Citations
1025	Primary cilia regulate gastric cancer-induced bone loss via cilia/Wnt/ $\hat{l}^2$ -catenin signaling pathway. Aging, 2021, 13, 8989-9010.	1.4	5
1026	Chrysin induces osteogenic differentiation of human dental pulp stem cells. Experimental Cell Research, 2021, 400, 112466.	1.2	13
1027	Thrombin inhibitor argatroban modulates bone marrow stromal cells behaviors and promotes osteogenesis through canonical Wnt signaling. Life Sciences, 2021, 269, 119073.	2.0	3
1028	Prioritization of Osteoporosisâ€Associated Genomeâ€wide Association Study ( <scp>GWAS)</scp> Singleâ€Nucleotide Polymorphisms ( <scp>SNPs)</scp> Using Epigenomics and Transcriptomics. JBMR Plus, 2021, 5, e10481.	1.3	14
1029	Correlation between LncRNA Profiles in the Blood Clot Formed on Nano-Scaled Implant Surfaces and Osseointegration. Nanomaterials, 2021, 11, 674.	1.9	3
1030	MALAT1/miR-320a in BMSC function may inform on mechanisms underlying osteoporosis. Archives of Medical Science, 2021, , .	0.4	0
1031	Compound Heterozygous Frameshift Mutations in <i>MESD</i> Cause a Lethal Syndrome Suggestive of Osteogenesis Imperfecta Type XX. Journal of Bone and Mineral Research, 2020, 36, 1077-1087.	3.1	12
1032	Regulation of Osteoblast Differentiation by Cytokine Networks. International Journal of Molecular Sciences, 2021, 22, 2851.	1.8	144
1033	Synergistic roles of Wnt modulators R-spondin2 and R-spondin3 in craniofacial morphogenesis and dental development. Scientific Reports, 2021, 11, 5871.	1.6	6
1035	The Osteocyte: From "Prisoner―to "Orchestrator― Journal of Functional Morphology and Kinesiology, 2021, 6, 28.	1.1	24
1036	The Macrophage-Osteoclast Axis in Osteoimmunity and Osteo-Related Diseases. Frontiers in Immunology, 2021, 12, 664871.	2.2	94
1037	Cardiovascular Safety and Sclerostin Inhibition. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1845-1853.	1.8	26
1038	Sclerostin and Osteocalcin: Candidate Bone-Produced Hormones. Frontiers in Endocrinology, 2021, 12, 584147.	1.5	48
1039	Syndecanâ€3 enhances anabolic bone formation through WNT signaling. FASEB Journal, 2021, 35, e21246.	0.2	6
1040	An Overview of the Molecular Mechanisms Contributing to Musculoskeletal Disorders in Chronic Liver Disease: Osteoporosis, Sarcopenia, and Osteoporotic Sarcopenia. International Journal of Molecular Sciences, 2021, 22, 2604.	1.8	49
1041	Vitamin A and Bone Health: A Review on Current Evidence. Molecules, 2021, 26, 1757.	1.7	33
1043	Trem2 mediated Syk-dependent ROS amplification is essential for osteoclastogenesis in periodontitis microenvironment. Redox Biology, 2021, 40, 101849.	3.9	39
1044	Role of Osteocytes in Cancer Progression in the Bone and the Associated Skeletal Disease. Current Osteoporosis Reports, 2021, 19, 247-255.	1.5	3

#	Article	IF	CITATIONS
1045	Autophagy Is Required for Hepatic Differentiation of Hepatic Progenitor Cells via Wnt Signaling Pathway. BioMed Research International, 2021, 2021, 1-10.	0.9	4
1046	MicroRNAs in exosomes as circulating biomarkers for postmenopausal osteoporosis with fragility fractures. Bone Reports, 2021, 14, 101015.	0.2	0
1047	Extracellular vesicles from GPNMB-modified bone marrow mesenchymal stem cells attenuate bone loss in an ovariectomized rat model. Life Sciences, 2021, 272, 119208.	2.0	27
1048	miR-138–5p negatively regulates osteoblast differentiation through inhibiting β-catenin under simulated microgravity in MC3T3-E1 cells. Acta Astronautica, 2021, 182, 240-250.	1.7	6
1049	Burden of osteoporosis and costs associated with human biomonitored cadmium exposure in three European countries: France, Spain and Belgium. International Journal of Hygiene and Environmental Health, 2021, 234, 113747.	2.1	13
1050	Bone Cells Differentiation: How CFTR Mutations May Rule the Game of Stem Cells Commitment?. Frontiers in Cell and Developmental Biology, 2021, 9, 611921.	1.8	8
1051	Mechanical tibial loading remotely suppresses brain tumors by dopamine-mediated downregulation of CCN4. Bone Research, 2021, 9, 26.	5.4	4
1052	Distinct Effects of a High Fat Diet on Bone in Skeletally Mature and Developing Male C57BL/6J Mice. Nutrients, 2021, 13, 1666.	1.7	11
1053	Bone remineralization of lytic lesions in multiple myeloma – The Arkansas experience. Bone, 2021, 146, 115876.	1.4	4
1054	Recent Advances of Therapeutic Targets for the Treatment of Periodontal Disease. Biomolecules and Therapeutics, 2021, 29, 263-267.	1.1	24
1055	The human WNT5A isoforms display similar patterns of expression but distinct and overlapping activities in normal human osteoblasts. Journal of Cellular Biochemistry, 2021, 122, 1262-1276.	1.2	3
1056	Fabrication of Highly Anisotropic and Interconnected Porous Scaffolds to Promote Preosteoblast Proliferation for Bone Tissue Engineering. Chinese Journal of Polymer Science (English Edition), 2021, 39, 1191-1199.	2.0	4
1057	The connectome of neural crest enhancers reveals regulatory features of signaling systems. Developmental Cell, 2021, 56, 1268-1282.e6.	3.1	16
1058	Drug Delivery to the Bone Microenvironment Mediated by Exosomes: An Axiom or Enigma. International Journal of Nanomedicine, 2021, Volume 16, 3509-3540.	3.3	8
1059	Efficacy of Pulsed Electromagnetic Fields on Experimental Osteopenia in Rodents: A Systematic Review. Bioelectromagnetics, 2021, 42, 415-431.	0.9	5
1060	Germline Saturation Mutagenesis Induces Skeletal Phenotypes in Mice. Journal of Bone and Mineral Research, 2020, 36, 1548-1565.	3.1	5
1061	Evaluate the effects of serum urate level on bone mineral density: a genome-wide gene–environment interaction analysis in UK Biobank cohort. Endocrine, 2021, 73, 702-711.	1.1	6
1062	DEC1 deficiency results in accelerated osteopenia through enhanced DKK1 activity and attenuated PI3KCA/Akt/GSK3β signaling. Metabolism: Clinical and Experimental, 2021, 118, 154730.	1.5	6

#	Article	IF	CITATIONS
1063	Loss of the WNT9a ligand aggravates the rheumatoid arthritis-like symptoms in hTNF transgenic mice. Cell Death and Disease, 2021, 12, 494.	2.7	6
1064	In vivo transdifferentiation, osteoconductive and osteoinductive properties of experimental water-soluble organo-biomaterials – A Pilot Study. Research, Society and Development, 2021, 10, e45310515017.	0.0	0
1065	Total glycosides and polysaccharides of Cistanche deserticola prevent osteoporosis by activating Wnt/l²-catenin signaling pathway in SAMP6 mice. Journal of Ethnopharmacology, 2021, 271, 113899.	2.0	20
1066	Histone modifications centric-regulation in osteogenic differentiation. Cell Death Discovery, 2021, 7, 91.	2.0	16
1067	Hematopoietic Wnts Modulate Endochondral Ossification During Fracture Healing. Frontiers in Endocrinology, 2021, 12, 667480.	1.5	2
1068	Development of selective bispecific Wnt mimetics for bone loss and repair. Nature Communications, 2021, 12, 3247.	5.8	24
1069	LGR5 enhances the osteoblastic differentiation of MC3T3‑E1 cells through the Wnt/β‑catenin pathway. Experimental and Therapeutic Medicine, 2021, 22, 889.	0.8	3
1070	A Norrin/Wnt surrogate antibody stimulates endothelial cell barrier function and rescues retinopathy. EMBO Molecular Medicine, 2021, 13, e13977.	3.3	30
1071	Loss of Wnt16 Leads to Skeletal Deformities and Downregulation of Bone Developmental Pathway in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 6673.	1.8	9
1072	Bone-Derived Modulators That Regulate Brain Function: Emerging Therapeutic Targets for Neurological Disorders. Frontiers in Cell and Developmental Biology, 2021, 9, 683457.	1.8	9
1073	Role of Physical Activity in Bone–Muscle Crosstalk: Biological Aspects and Clinical Implications. Journal of Functional Morphology and Kinesiology, 2021, 6, 55.	1.1	35
1074	Use of Osteobiologics for Fracture Management: The When, What, and How. Injury, 2021, 52, S35-S43.	0.7	3
1075	Signaling Pathway and Transcriptional Regulation in Osteoblasts during Bone Healing: Direct Involvement of Hydroxyapatite as a Biomaterial. Pharmaceuticals, 2021, 14, 615.	1.7	32
1076	Inhibition of ILâ€17 prevents the progression of traumatic heterotopic ossification. Journal of Cellular and Molecular Medicine, 2021, 25, 7709-7719.	1.6	8
1077	Osteoporosis Remission and New Bone Formation with Mesoporous Silica Nanoparticles. Advanced Science, 2021, 8, e2101107.	5.6	53
1078	miR-433-3p suppresses bone formation and mRNAs critical for osteoblast function in mice. Journal of Bone and Mineral Research, 2020, 36, 1808-1822.	3.1	8
1079	Molecular Portrait of an Athlete. Diagnostics, 2021, 11, 1095.	1.3	6
1080	Lithium Chloride Exerts Differential Effects on Dentinogenesis and Osteogenesis in Primary Pulp Cultures. Frontiers in Dental Medicine, 2021, 2, .	0.5	1

#	ARTICLE	IF	CITATIONS
1081	The role of boneâ€modifying agents in myeloma bone disease. JBMR Plus, 2021, 5, e10518.	1.3	6
1082	The mTORC2 Regulator Homer1 Modulates Protein Levels and Sub-Cellular Localization of the CaSR in Osteoblast-Lineage Cells. International Journal of Molecular Sciences, 2021, 22, 6509.	1.8	7
1083	Wnt Signaling: From Mesenchymal Cell Fate to Lipogenesis and Other Mature Adipocyte Functions. Diabetes, 2021, 70, 1419-1430.	0.3	19
1084	Wnt-Dependent Activation of ERK Mediates Repression of Chondrocyte Fate during Calvarial Development. Journal of Developmental Biology, 2021, 9, 23.	0.9	9
1085	Wnt signalling inhibits adipogenesis in orbital fibroblasts from patients with Graves' orbitopathy. British Journal of Ophthalmology, 2022, 106, 1019-1027.	2.1	6
1087	Experimental agents to improve fracture healing: utilizing the WNT signaling pathway. Injury, 2021, 52, S44-S48.	0.7	12
1088	Bone and blood: IL-19 to the rescue. Blood, 2021, 137, 3467-3468.	0.6	0
1089	Bone Homeostasis and Gut Microbial-Dependent Signaling Pathways. Journal of Microbiology and Biotechnology, 2021, 31, 765-774.	0.9	11
1090	New Structural and Single Nucleotide Mutations in Type I and Type II Collagens in Taiwanese Children With Type I and Type II Collagenopathies. Frontiers in Genetics, 2021, 12, 594285.	1.1	0
1091	Exercise Is Key to Sustaining Metabolic Gains After Bariatric Surgery. Exercise and Sport Sciences Reviews, 2021, 49, 197-204.	1.6	8
1093	7,8-Dihydroxyflavone modulates bone formation and resorption and ameliorates ovariectomy-induced osteoporosis. ELife, $2021,10,10$	2.8	26
1094	Severity of Idiopathic Scoliosis Is Associated with Differential Methylation: An Epigenome-Wide Association Study of Monozygotic Twins with Idiopathic Scoliosis. Genes, 2021, 12, 1191.	1.0	7
1095	The diverse origin of bone-forming osteoblasts. Journal of Bone and Mineral Research, 2020, 36, 1432-1447.	3.1	56
1096	Associations between WNT signaling pathway-related gene polymorphisms and risks of osteoporosis development in Chinese postmenopausal women: a case–control study. Climacteric, 2022, 25, 257-263.	1.1	6
1097	Chondroinductive/chondroconductive peptides and their-functionalized biomaterials for cartilage tissue engineering. Bioactive Materials, 2022, 9, 221-238.	8.6	27
1098	Bone metastasis: mechanisms, therapies, and biomarkers. Physiological Reviews, 2021, 101, 797-855.	13.1	153
1099	Recent Progresses in the Treatment of Osteoporosis. Frontiers in Pharmacology, 2021, 12, 717065.	1.6	28
1100	Neutralization of oxidized phospholipids attenuates ageâ€associated bone loss in mice. Aging Cell, 2021, 20, e13442.	3.0	17

#	Article	IF	CITATIONS
1101	Notum Deletion From Late-Stage Skeletal Cells Increases Cortical Bone Formation and Potentiates Skeletal Effects of Sclerostin Inhibition. Journal of Bone and Mineral Research, 2020, 36, 2413-2425.	3.1	5
1102	FAM20C plays a critical role in the development of mouse vertebra. Spine Journal, 2022, 22, 337-348.	0.6	6
1103	Prednisolone induces osteocytes apoptosis by promoting Notum expression and inhibiting PI3K/AKT/GSK3β/β-catenin pathway. Journal of Molecular Histology, 2021, 52, 1081-1095.	1.0	7
1105	Cranial Suture Mesenchymal Stem Cells: Insights and Advances. Biomolecules, 2021, 11, 1129.	1.8	18
1106	Uniaxial Cyclic Stretching Promotes Chromatin Accessibility of Gene Loci Associated With Mesenchymal Stem Cells Morphogenesis and Osteogenesis. Frontiers in Cell and Developmental Biology, 2021, 9, 664545.	1.8	9
1107	Effect of androgen deprivation therapy on serum levels of sclerostin, Dickkopf-1, and osteoprotegerin: a cross-sectional and longitudinal analysis. Scientific Reports, 2021, 11, 14905.	1.6	1
1108	Regulation of pathophysiological and tissue regenerative functions of MSCs mediated via the WNT signaling pathway (Review). Molecular Medicine Reports, 2021, 24, .	1,1	7
1109	Mechanisms of altered bone remodeling in children with type 1 diabetes. World Journal of Diabetes, 2021, 12, 997-1009.	1.3	8
1110	Roles of MicroRNAs in Osteogenesis or Adipogenesis Differentiation of Bone Marrow Stromal Progenitor Cells. International Journal of Molecular Sciences, 2021, 22, 7210.	1.8	17
1111	Oxidative Stress-Induced Hypermethylation of KLF5 Promoter Mediated by DNMT3B Impairs Osteogenesis by Diminishing the Interaction with $\hat{l}^2$ -Catenin. Antioxidants and Redox Signaling, 2021, 35, 1-20.	2.5	21
1112	Dual regulation of osteoclastogenesis and osteogenesis for osteoporosis therapy by iron oxide hydroxyapatite core/shell nanocomposites. International Journal of Energy Production and Management, 2021, 8, rbab027.	1.9	20
1113	Sclerostin and bone remodeling biomarkers responses to whole-body cryotherapy (â^'Â110°C) in healthy young men with different physical fitness levels. Scientific Reports, 2021, 11, 16156.	1.6	5
1114	Effective Osteogenic Priming of Mesenchymal Stem Cells through LNA-ASOs-Mediated Sfrp1 Gene Silencing. Pharmaceutics, 2021, 13, 1277.	2.0	4
1115	TGFB-induced factor homeobox 1 (TGIF) expression in breast cancer. BMC Cancer, 2021, 21, 920.	1.1	1
1116	Low Levels of Serum Sclerostin in Adult Patients With Tumor-Induced Osteomalacia Compared With X-linked Hypophosphatemia. Journal of Clinical Endocrinology and Metabolism, 2021, , .	1.8	2
1117	Biochemical and X-ray micro-computed tomographic analyses of critical size bone defects grafted with autogenous bone and mercerized bacterial cellulose membranes salified with alendronate. Journal of Oral Biosciences, 2021, 63, 408-415.	0.8	1
1118	E3 Ubiquitin Ligase-Mediated Regulation of Osteoblast Differentiation and Bone Formation. Frontiers in Cell and Developmental Biology, 2021, 9, 706395.	1.8	16
1119	The Emerging Mechanisms of Wnt Secretion and Signaling in Development. Frontiers in Cell and Developmental Biology, 2021, 9, 714746.	1.8	38

#	ARTICLE	IF	CITATIONS
1120	The osteocyte as a signaling cell. Physiological Reviews, 2022, 102, 379-410.	13.1	83
1121	MiR-486–3p promotes osteogenic differentiation of BMSC by targeting CTNNBIP1 and activating the Wnt/β-catenin pathway. Biochemical and Biophysical Research Communications, 2021, 566, 59-66.	1.0	21
1122	Long-term effect of hematopoietic cell transplantation on systemic inflammation in patients with mucopolysaccharidoses. Blood Advances, 2021, 5, 3092-3101.	2.5	2
1123	A Roadmap to Gene Discoveries and Novel Therapies in Monogenic Low and High Bone Mass Disorders. Frontiers in Endocrinology, 2021, 12, 709711.	1.5	13
1124	Genetics and Inflammation in Endometriosis: Improving Knowledge for Development of New Pharmacological Strategies. International Journal of Molecular Sciences, 2021, 22, 9033.	1.8	33
1125	RSPO3 is important for trabecular bone and fracture risk in mice and humans. Nature Communications, 2021, 12, 4923.	5.8	19
1126	Biased and allosteric modulation of bone cell-expressing G protein-coupled receptors as a novel approach to osteoporosis therapy. Pharmacological Research, 2021, 171, 105794.	3.1	12
1127	Inhibitory Effects of Rhaponticin on Osteoclast Formation and Resorption by Targeting RANKL-Induced NFATc1 and ROS Activity. Frontiers in Pharmacology, 2021, 12, 645140.	1.6	15
1128	Recent advances on signaling pathways and their inhibitors in rheumatoid arthritis. Clinical Immunology, 2021, 230, 108793.	1.4	91
1129	Effects of sclerostin antibody on bone healing. World Journal of Orthopedics, 2021, 12, 651-659.	0.8	6
1130	Strontiumâ€incorporated titanium implant surfaces treated by hydrothermal treatment enhance rapid osseointegration in diabetes: A preclinical vivo experimental study. Clinical Oral Implants Research, 2021, 32, 1366-1383.	1.9	13
1132	WNT16 is Robustly Increased by Oncostatin M in Mouse Calvarial Osteoblasts and Acts as a Negative Feedback Regulator of Osteoclast Formation Induced by Oncostatin M. Journal of Inflammation Research, 2021, Volume 14, 4723-4741.	1.6	6
1133	Update on the pathogenesis and treatment of skeletal fragility in type 2 diabetes mellitus. Nature Reviews Endocrinology, 2021, 17, 685-697.	4.3	68
1134	Ultrathin 2D Titanium Carbide MXene (Ti <sub>3</sub> C <sub>2</sub> T <i><sub>x</sub></i> ) Nanoflakes Activate WNT/HIFâ $\in$ 1 <i><math>\hat{i}</math>±</i> ) $\hat{a}$ €Mediated Metabolism Reprogramming for Periodontal Regeneration. Advanced Healthcare Materials, 2021, 10, e2101215.	3.9	30
1135	The SFRP1 Inhibitor WAY-316606 Attenuates Osteoclastogenesis Through Dual Modulation of Canonical Wnt Signaling. Journal of Bone and Mineral Research, 2020, 37, 152-166.	3.1	4
1136	Bone mineral density in high-level endurance runners: Part B—genotype-dependent characteristics. European Journal of Applied Physiology, 2022, 122, 71-80.	1.2	1
1137	Myeloma Bone Disease: The Osteoblast in the Spotlight. Journal of Clinical Medicine, 2021, 10, 3973.	1.0	7
1138	Primary cilia in hard tissue development and diseases. Frontiers of Medicine, 2021, 15, 657-678.	1.5	8

#	Article	IF	CITATIONS
1139	Notum suppresses the osteogenic differentiation of periodontal ligament stem cells through the Wnt/Beta catenin signaling pathway. Archives of Oral Biology, 2021, 130, 105211.	0.8	7
1140	Contribution of miRNAs and IncRNAs in osteogenesis and related disorders. Biomedicine and Pharmacotherapy, 2021, 142, 111942.	2.5	20
1141	A new strategy for discovering effective substances and mechanisms of traditional Chinese medicine based on standardized drug containing plasma and the absorbed ingredients composition, a case study of Xian-Ling-Gu-Bao capsules. Journal of Ethnopharmacology, 2021, 279, 114396.	2.0	14
1142	Pathogenesis and treatment of multiple myeloma bone disease. Japanese Dental Science Review, 2021, 57, 164-173.	2.0	6
1143	Biologic and pathologic aspects of osteocytes in the setting of medication-related osteonecrosis of the jaw (MRONJ). Bone, 2021, 153, 116168.	1.4	22
1144	Heterozygous variant in WNT1 gene in two brothers with early onset osteoporosis. Bone Reports, 2021, 15, 101118.	0.2	2
1145	Protein phosphatase 1 regulatory subunit 18 suppresses the transcriptional activity of NFATc1 via regulation of c-fos. Bone Reports, 2021, 15, 101114.	0.2	5
1146	Magnesium implantation or supplementation ameliorates bone disorder in CFTR-mutant mice through an ATF4-dependent Wnt/ $\hat{l}^2$ -catenin signaling. Bioactive Materials, 2022, 8, 95-108.	8.6	24
1147	Osteocytes and bone tumor niche., 2022, , 171-178.		0
1148	Therapies of bone metastases in castration-resistant prostate cancer., 2022,, 967-975.		0
1149	Overexpression of hepatic serum amyloid A1 in mice increases IL-17-producing innate immune cells and decreases bone density. Journal of Biological Chemistry, 2021, 296, 100595.	1.6	10
1150	Osteoblast biology: developmental origin and interactive nature of osteoblasts., 2021,, 111-134.		1
1151	Extracellular vesicles derived from T-cell acute lymphoblastic leukemia inhibit osteogenic differentiation of bone marrow mesenchymal stem cells <i>via</i> miR-34a-5p. Endocrine Journal, 2021, 68, 1197-1208.	0.7	7
1152	Wnt signaling activation: targets and therapeutic opportunities for stem cell therapy and regenerative medicine. RSC Chemical Biology, 2021, 2, 1144-1157.	2.0	14
1153	The molecular etiology and treatment of glucocorticoid-induced osteoporosis. Tzu Chi Medical Journal, 2021, 33, 212.	0.4	16
1154	Hyperlipidemia Impairs Osseointegration via the ROS/Wnt/l²-Catenin Pathway. Journal of Dental Research, 2021, 100, 658-665.	2.5	27
1155	Pathogenesis of Osteoarthritis in General. , 2017, , 1-25.		5
1156	Bone Physiology and Biology. Molecular and Integrative Toxicology, 2017, , 27-94.	0.5	13

#	Article	IF	CITATIONS
1157	Functional Adaptation of Bone: The Mechanostat and Beyond. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2018, , 1-60.	0.3	13
1158	Biology of Bone and the Interaction of Bone with Other Organ Systems. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2018, , 259-287.	0.3	2
1160	Dampening of the bone formation response following repeat dosing with sclerostin antibody in mice is associated with up-regulation of Wnt antagonists. Bone, 2018, 107, 93-103.	1.4	42
1161	What do we know about bone morphogenetic proteins and osteochondroprogenitors in inflammatory conditions?. Bone, 2020, 137, 115403.	1.4	23
1162	Genetics of pediatric bone strength. BoneKEy Reports, 2016, 5, 823.	2.7	18
1163	Parathyroid hormone increases alveolar bone homoeostasis during orthodontic tooth movement in rats with periodontitis via crosstalk between STAT3 and $\hat{l}^2$ -catenin. International Journal of Oral Science, 2020, 12, 38.	3.6	20
1164	Extracellular matrix stiffness and Wnt $\hat{l}^2$ -catenin signaling in physiology and disease. Biochemical Society Transactions, 2020, 48, 1187-1198.	1.6	41
1167	Salt-inducible kinases dictate parathyroid hormone 1 receptor action in bone development and remodeling. Journal of Clinical Investigation, 2019, 129, 5187-5203.	3.9	28
1168	Efficacy of anti-sclerostin monoclonal antibody BPS804 in adult patients with hypophosphatasia. Journal of Clinical Investigation, 2017, 127, 2148-2158.	3.9	64
1169	Ubiquitin ligase RNF146 coordinates bone dynamics and energy metabolism. Journal of Clinical Investigation, 2017, 127, 2612-2625.	3.9	37
1170	An Activating Variant in <i>CTNNB1</i> is Associated with a Sclerosing Bone Dysplasia and Adrenocortical Neoplasia. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 688-695.	1.8	7
1171	Recent advances in the management of osteoporosis. F1000Research, 2017, 6, 625.	0.8	33
1172	Pulsed Electromagnetic Fields Improve Bone Microstructure and Strength in Ovariectomized Rats through a Wnt/Lrp5/ $\hat{l}^2$ -Catenin Signaling-Associated Mechanism. PLoS ONE, 2013, 8, e79377.	1.1	54
1173	Effects of Age and Estrogen on Skeletal Gene Expression in Humans as Assessed by RNA Sequencing. PLoS ONE, 2015, 10, e0138347.	1.1	62
1174	Wnt16 Is Associated with Age-Related Bone Loss and Estrogen Withdrawal in Murine Bone. PLoS ONE, 2015, 10, e0140260.	1.1	36
1175	Effects of exercise training on circulating levels of Dickkpof-1 and secreted frizzled-related protein-1 in breast cancer survivors: A pilot single-blind randomized controlled trial. PLoS ONE, 2017, 12, e0171771.	1.1	36
1176	Circulating levels of sclerostin but not DKK1 associate with laboratory parameters of CKD-MBD. PLoS ONE, 2017, 12, e0176411.	1.1	37
1177	A simple and scalable hydrogel-based system for culturing protein-producing cells. PLoS ONE, 2018, 13, e0190364.	1.1	13

#	Article	IF	CITATIONS
1178	Novel actions of sclerostin on bone. Journal of Molecular Endocrinology, 2019, 62, R167-R185.	1.1	70
1179	Cooperative impact of thiazolidinedione and fatty acid synthase on human osteogenesis. Aging, 2019, 11, 2327-2342.	1.4	4
1180	Hydrogen sulfide is a novel regulator implicated in glucocorticoids-inhibited bone formation. Aging, 2019, 11, 7537-7552.	1.4	22
1181	Dishevelled2 promotes apoptosis and inhibits inflammatory cytokine secretion in rheumatoid arthritis fibroblast-like synoviocytes through crosstalk with the NF-I <sup>o</sup> B pathway. Oncotarget, 2017, 8, 12649-12663.	0.8	21
1182	Targeting the Wnt/β-catenin pathway in human osteosarcoma cells. Oncotarget, 2018, 9, 36780-36792.	0.8	48
1183	Transducin-like enhancer of split 3 regulates proliferation of melanoma cells via histone deacetylase activity. Oncotarget, 2019, 10, 404-414.	0.8	11
1184	III. Bone Disease in Multiple Myeloma. The Journal of the Japanese Society of Internal Medicine, 2016, 105, 1216-1223.	0.0	1
1185	Bone Marrow Niches for Skeletal Progenitor Cells and their Inhabitants in Health and Disease. Current Stem Cell Research and Therapy, 2019, 14, 305-319.	0.6	14
1186	Review of the Literature Examining the Association of Serum Uric Acid with Osteoporosis and Mechanistic Insights into Its Effect on Bone Metabolism. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 259-273.	0.6	15
1187	PRIMARY HIP ARTHROPLASTY IN PATIENTS WITH END-STAGE OF CHRONIC KIDNEY DISEASE (LITERATURE) Tj ETÇ	9q1_10.78 0.1	4314 rgBT /
1188	Osseointegration of biochemically modified implants in an osteoporosis rodent model. , 2013, 25, 326-340.		44
1189	The non-canonical Wnt5a/Ror2 signaling pathway in bone metabolism. Inflammation and Regeneration, 2014, 34, 103-108.	1.5	2
1190	Wnt and the Wnt signaling pathway in bone development and disease. Frontiers in Bioscience - Landmark, 2014, 19, 379.	3.0	190
1191	Study of the incidence of osteoporosis in patients with Sjögren's syndrome (pSS) and investigation of activation of the RANKL / RANK and osteoprotegerin (OPG) system. Mediterranean Journal of Rheumatology, 2018, 29, 224-227.	0.3	4
1192	Evaluating Bone Loss with Bone Turnover Markers Following Acute Spinal Cord Injury. Asian Spine Journal, 2020, 14, 97-105.	0.8	6
1193	Rheumatoid Arthritis in the View of Osteoimmunology. Biomolecules, 2021, 11, 48.	1.8	55
1194	Anthraquinone Glycoside Aloin Induces Osteogenic Initiation of MC3T3-E1 Cells: Involvement of MAPK Mediated Wnt and Bmp Signaling. Biomolecules and Therapeutics, 2016, 24, 123-131.	1.1	32
1195	The Crucial Role of the WNT System in Bone Remodelling. Acta Endocrinologica, 2018, 14, 90-101.	0.1	6

#	Article	IF	CITATIONS
1196	Perspectives of gene combinations in phenotype presentation. World Journal of Stem Cells, 2013, 5, 61.	1.3	4
1197	Effect of kirenol on the interaction between the WNT/β-Catenin and RUNX2/TCF/LEF1 pathways in fracture healing in vivo. Acta Orthopaedica Et Traumatologica Turcica, 2020, 54, 320-329.	0.3	6
1198	<b>Wnt5a Stimulates the Bone Formation in Tension Side during Orthodontic Tooth Movement </b> . International Journal of Oral-Medical Sciences, 2015, 13, 120-127.	0.2	3
1199	<b>Jagged1 Stimulates Bone Resorption during Orthodontic Tooth Movement </b> . International Journal of Oral-Medical Sciences, 2015, 13, 59-65.	0.2	4
1200	LGR5 and Downstream Intracellular Signaling Proteins Play Critical Roles in the Cell Proliferation of Neuroblastoma, Meningioma and Pituitary Adenoma. Experimental Neurobiology, 2019, 28, 628-641.	0.7	5
1201	A Follow-up Association Study of Genetic Variants for Bone Mineral Density in a Korean Population. Genomics and Informatics, 2014, 12, 114.	0.4	3
1202	Reactivation of a developmental Bmp2 signaling center is required for the rapeutic control of the murine periosteal niche. ELife, $2019, 8, .$	2.8	25
1203	A multiethnic whole genome sequencing study to identify novel loci for bone mineral density. Human Molecular Genetics, 2022, 31, 1067-1081.	1.4	8
1204	Clumps of Mesenchymal Stem Cells/Extracellular Matrix Complexes Generated with Xeno-Free Chondro-Inductive Medium Induce Bone Regeneration via Endochondral Ossification. Biomedicines, 2021, 9, 1408.	1.4	4
1205	Evaluation of circulating Dickkopf-1 as a prognostic biomarker in ovarian cancer patients. Clinical Chemistry and Laboratory Medicine, 2022, 60, 109-117.	1.4	4
1206	Knockdown of SERPINB2 enhances the osteogenic differentiation of human bone marrow mesenchymal stem cells via activation of the Wnt/ $\hat{l}^2$ -catenin signalling pathway. Stem Cell Research and Therapy, 2021, 12, 525.	2.4	9
1207	Roles of Non-Canonical Wnt Signalling Pathways in Bone Biology. International Journal of Molecular Sciences, 2021, 22, 10840.	1.8	35
1208	Predicting Duration of Outpatient Physical Therapy Episodes for Individuals with Spinal Cord Injury Based on Locomotor Training Strategy. Archives of Physical Medicine and Rehabilitation, 2022, 103, 665-675.	0.5	5
1210	Romosozumab versus Teriparatide for the Treatment of Postmenopausal Osteoporosis: A Systematic Review and Metaâ€analysis through a Grade Analysis of Evidence. Orthopaedic Surgery, 2021, 13, 1941-1950.	0.7	7
1211	The Wnt/ $\hat{l}^2$ -catenin signaling pathway has a healing ability for periapical periodontitis. Scientific Reports, 2021, 11, 19673.	1.6	8
1213	Osteoporosis esteroidea y antagonistas de la vÃa Wnt. Revista De Osteoporosis Y Metabolismo Mineral, 2013, 5, 125-126.	0.3	0
1214	The Potential of Gene and Cell-Based Strategies for the Treatment of Osteogenesis Imperfecta. , 2014, , 529-541.		0
1217	Semaphorins in Bone Homeostasis. , 2015, , 159-173.		1

#	ARTICLE	IF	CITATIONS
1218	The Comparison between Single vs Repeated Administration of Wnt3A of HPDL Cells. Journal of Hard Tissue Biology, 2015, 24, 331-340.	0.2	0
1219	Bone-Related Proteins as Markers in Vascular Remodeling. Exposure and Health, 2015, , 1-22.	2.8	3
1222	Bone Biomarkers Related to Osteoarthritis. Biomarkers in Disease, 2016, , 1-29.	0.0	1
1223	Basics of Bone Biology. , 2016, , 1-30.		0
1228	EPIGENETIC REGULATION IN BONE TISSUE. Osteoporosis and Bone Diseases, 2016, 19, 15-16.	0.3	1
1229	Bone Biomarkers Related to Osteoarthritis. Biomarkers in Disease, 2017, , 993-1021.	0.0	1
1230	Bone-Related Proteins as Markers in Vascular Remodeling. Biomarkers in Disease, 2017, , 1023-1043.	0.0	0
1232	Transforming growth factor- $\hat{l}^21$ increases sclerostin in fibroblasts of the periodontal ligament and the gingiva. Matters Archive, 0, , .	0.0	1
1234	Therapieverfahren., 2018,, 119-165.		0
1235	Sklerosierende Knochenerkrankungen und Dysostosen. , 2018, , 277-302.		0
1238	Heavily Induced Root Resorption Stimulates Wnt5a Expression in Cementoblasts. International Journal of Oral-Medical Sciences, 2019, 17, 69-80.	0.2	2
1241	Myeloma Bone Disease. , 2020, , 342-354.		O
1242	Cartilage Biology: Overview., 2020,, 521-534.		2
1243	Role of Osteoblasts in Cancer-Induced Bone Disease. , 2020, , 201-218.		1
1245	KCTD1 mutants in scalpâ€'earâ€'nipple syndrome and APâ€'2α P59A in Char syndrome reciprocally abrogate their interactions, but can regulate Wnt/βâ€'catenin signaling. Molecular Medicine Reports, 2020, 22, 3895-3903.	1.1	8
1246	Osteoporosis and Fragility in Elderly Patients. Practical Issues in Geriatrics, 2021, , 35-52.	0.3	4
1247	Role of microRNA Shuttled in Small Extracellular Vesicles Derived From Mesenchymal Stem/Stromal Cells for Osteoarticular Disease Treatment. Frontiers in Immunology, 2021, 12, 768771.	2.2	20
1248	LRP5-Mediated Lipid Uptake Modulates Osteogenic Differentiation of Bone Marrow Mesenchymal Stromal Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 766815.	1.8	3

#	ARTICLE	IF	CITATIONS
1249	Sclerostin and Wnt Antagonists: Implications for Osteoporosis Therapies. , 2020, , 637-651.		0
1250	Unloading and Disuse Osteopenia. , 2020, , 422-428.		0
1251	Effects of normobaric cyclic hypoxia exposure on mesenchymal stem-cell differentiation–pilot study on bone parameters in elderly. World Journal of Stem Cells, 2020, 12, 1667-1690.	1.3	9
1252	Role of Dkk2 in the Muscle/bone Interaction of Androgen-Deficient Mice. Experimental and Clinical Endocrinology and Diabetes, 2021, 129, 770-775.	0.6	3
1254	Calcium Regulation and Management of Hypo- and Hypercalcemia. Nephrology Self-assessment Program: NephSAP, 2020, 19, 195-205.	3.0	0
1255	Effects of lithium administration on vertebral bone disease in mucopolysaccharidosis I dogs. Bone, 2022, 154, 116237.	1.4	3
1257	Basic Aspects of Osteocyte Function. Contemporary Endocrinology, 2020, , 43-69.	0.3	0
1258	Cellular Contributors to Bone Homeostasis. Contemporary Cardiology, 2020, , 333-371.	0.0	2
1259	Origin and Differentiation of Osteoclasts. , 2020, , 162-180.		0
1260	LRPs in Bone Homeostasis and Disease. , 2020, , 461-469.		0
1261	Osteoblasts in Human Skeletal Diseases. , 2020, , 499-512.		0
1262	Sclerostin Inhibition in the Treatment of Osteoporosis. Contemporary Endocrinology, 2020, , 375-389.	0.3	4
1263	LRP <sub>5</sub> Affects Homeostasis of the Periodontal Complex. Open Journal of Stomatology, 2020, 10, 29-37.	0.1	1
1266	Parkinson's in the bone. Cell and Bioscience, 2021, 11, 190.	2.1	6
1267	Progress of Signaling Pathways, Stress Pathways and Epigenetics in the Pathogenesis of Skeletal Fluorosis. International Journal of Molecular Sciences, 2021, 22, 11932.	1.8	27
1268	MiR-206 promotes avascular necrosis of femoral head through Wnt signaling pathway. Minerva Medica, 2020, 111, 375-377.	0.3	0
1269	Effects of an Overground Walking Program With a Robotic Exoskeleton on Long-Term Manual Wheelchair Users With a Chronic Spinal Cord Injury: Protocol for a Self-Controlled Interventional Study. JMIR Research Protocols, 2020, 9, e19251.	0.5	7
1270	Wnt16 signaling promotes osteoblast differentiation of periosteal derived cells in vitro and in vivo. PeerJ, 2020, 8, e10374.	0.9	7

#	Article	IF	Citations
1273	Gene expression changes between patent and fused cranial sutures in a nonsyndromic craniosynostosis population. Eplasty, 2015, 15, e12.	0.4	11
1274	Markers of bone metabolism during 14 days of bed rest in young and older men. Journal of Musculoskeletal Neuronal Interactions, 2017, 17, 399-408.	0.1	16
1275	Identification of differentially expressed microRNAs in the bone marrow of osteoporosis patients. American Journal of Translational Research (discontinued), 2019, 11, 2940-2954.	0.0	16
1276	A soluble bone morphogenetic protein type 1A receptor fusion protein treatment prevents glucocorticoid-Induced bone loss in mice. American Journal of Translational Research (discontinued), 2019, 11, 4232-4247.	0.0	3
1278	Shikonin promotes osteogenesis and suppresses osteoclastogenesis in vitro. American Journal of Translational Research (discontinued), 2020, 12, 8099-8110.	0.0	1
1279	Mesenchymal stem cells in osteoarthritis therapy: a review. American Journal of Translational Research (discontinued), 2021, 13, 448-461.	0.0	6
1280	Targeting DKK1 prevents development of alcohol-induced osteonecrosis of the femoral head in rats. American Journal of Translational Research (discontinued), 2021, 13, 2320-2330.	0.0	1
1281	The Wnt pathway regulator expression levels and their relationship to bone metabolism in thoracolumbar osteoporotic vertebral compression fracture patients. American Journal of Translational Research (discontinued), 2021, 13, 4812-4818.	0.0	O
1282	Relationship between Wnt/ $\hat{l}^2$ -Catenin Signaling Pathway and Epithelial Mesenchymal Transformation Phenotype in Multiple Myeloma. Advances in Clinical Medicine, 2021, 11, 5053-5057.	0.0	0
1283	Epigenetics in spine curvature disorders. , 2022, , 449-469.		0
1284	Estrogen deficiency during puberty affects the expression of microRNA30a and microRNA503 in the mandibular condyle. Annals of Anatomy, 2022, 240, 151865.	1.0	1
1285	Wnt Signaling in Periodontal Disease. Frontiers in Dental Medicine, 2021, 2, .	0.5	1
1286	Wnt7b Inhibits Osteoclastogenesis via AKT Activation and Glucose Metabolic Rewiring. Frontiers in Cell and Developmental Biology, 2021, 9, 771336.	1.8	3
1287	Effect of adrenocorticotropic hormone infusion on circulating sclerostin levels. Endocrine Connections, 2021, 10, 1607-1614.	0.8	2
1288	Activation of canonical Wnt signaling accelerates intramembranous bone regeneration in male mice. Journal of Orthopaedic Research, 2021, , .	1.2	1
1289	Mouse LGR6 regulates osteogenesis in vitro and in vivo through differential ligand use. Bone, 2022, 155, 116267.	1.4	15
1290	Maximum number of bone cross-linked vertebrae: an index for BMD in diffuse idiopathic skeletal hyperostosis. Journal of Bone and Mineral Metabolism, 2021, , 1.	1.3	5
1291	Sex Steroid Regulation of Oxidative Stress in Bone Cells: An In Vitro Study. International Journal of Environmental Research and Public Health, 2021, 18, 12168.	1.2	3

#	Article	IF	CITATIONS
1292	The WNT1G177C mutation specifically affects skeletal integrity in a mouse model of osteogenesis imperfecta type XV. Bone Research, 2021, 9, 48.	5.4	13
1294	Transcriptional responses of skeletal stem/progenitor cells to hindlimb unloading and recovery correlate with localized but not systemic multi-systems impacts. Npj Microgravity, 2021, 7, 49.	1.9	5
1296	High Dickkopfâ€1 levels are associated with chronic inflammation in children with sickle cell disease. European Journal of Haematology, 2021, , .	1.1	1
1297	Signaling pathways of nucleic acids for bone healing: A review. Pharmacy & Pharmacology International Journal, 2020, 8, 291-295.	0.1	1
1298	New Insights to the Crosstalk between Vascular and Bone Tissue in Chronic Kidney Disease–Mineral and Bone Disorder. Metabolites, 2021, 11, 849.	1.3	8
1299	Canonical Wnt Signaling in the Pathology of Iron Overload-Induced Oxidative Stress and Age-Related Diseases. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-13.	1.9	7
1300	Estradiol and RSPO3 regulate vertebral trabecular bone mass independent of each other. American Journal of Physiology - Endocrinology and Metabolism, 2022, , .	1.8	1
1301	Wnt/ $\hat{l}^2$ -catenin signalling: function, biological mechanisms, and therapeutic opportunities. Signal Transduction and Targeted Therapy, 2022, 7, 3.	7.1	446
1302	Antibody Treatment and Osteoporosis: Clinical Perspective. Springer Series in Biomaterials Science and Engineering, 2022, , 111-126.	0.7	0
1304	NACA and LRP6 Are Part of a Common Genetic Pathway Necessary for Full Anabolic Response to Intermittent PTH. International Journal of Molecular Sciences, 2022, 23, 940.	1.8	0
1305	Estrogen receptor alpha and NFATc1 bind to a bone mineral density-associated SNP to repress WNT5B in osteoblasts. American Journal of Human Genetics, 2022, 109, 97-115.	2.6	7
1306	Inhibition of focal adhesion turnover prevents osteoblastic differentiation through βâ€catenin mediated transduction of proâ€osteogenic substrate. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, , .	1.6	1
1307	Circulating serum microRNAs including senescent miR-31-5p are associated with incident fragility fractures in older postmenopausal women with type 2 diabetes mellitus. Bone, 2022, 158, 116308.	1.4	14
1308	Therapeutic Treatments for Osteoporosis—Which Combination of Pills Is the Best among the Bad?. International Journal of Molecular Sciences, 2022, 23, 1393.	1.8	16
1309	Wnt Pathway Extracellular Components and Their Essential Roles in Bone Homeostasis. Genes, 2022, 13, 138.	1.0	14
1310	Low Bone Mineral Density in Hemophiliacs. Frontiers in Medicine, 2022, 9, 794456.	1.2	15
1311	Sexual dimorphism in the relation between sex hormones and osteoporosis in patients with type 2 diabetes mellitus. Journal of Bone and Mineral Metabolism, 2022, , $1$ .	1.3	2
1312	The Calcified Vasculature in Chronic Kidney Disease Secretes Factors that Inhibit Bone Mineralization. JBMR Plus, 2022, 6, e10610.	1.3	3

#	ARTICLE	IF	Citations
1313	Wnt/ $\hat{l}^2$ -catenin signaling in colorectal cancer: Is therapeutic targeting even possible?. Biochimie, 2022, 195, 39-53.	1.3	21
1314	Endocrinology of bone mineralization: An update. Annales D'Endocrinologie, 2022, 83, 46-53.	0.6	5
1315	Matrix remodeling controls a nuclear lamin A/C-emerin network that directs Wnt-regulated stem cell fate. Developmental Cell, 2022, 57, 480-495.e6.	3.1	3
1316	Combination of Histone Deacetylase Inhibitor Panobinostat (LBH589) with β-Catenin Inhibitor Tegavivint (BC2059) Exerts Significant Anti-Myeloma Activity Both In Vitro and In Vivo. Cancers, 2022, 14, 840.	1.7	7
1318	Combining sclerostin neutralization with tissue engineering: An improved strategy for craniofacial bone repair. Acta Biomaterialia, 2022, 140, 178-189.	4.1	7
1320	Remodeling of the Sagittal Suture Development in SOST Knockout () Tj ETQq $1\ 1\ 0.784314\ rgBT$ /Overlock $10\ Tf$ SSRN Electronic Journal, $0$ , , .	50 547 Td 0.4	( <i>\$0 0</i>
1321	HIF-1α Regulates Osteogenesis of Periosteum-Derived Stem Cells Under Hypoxia Conditions via Modulating POSTN Expression. Frontiers in Cell and Developmental Biology, 2022, 10, 836285.	1.8	11
1322	Sfrp4 and the Biology of Cortical Bone. Current Osteoporosis Reports, 2022, 20, 153-161.	1.5	3
1323	Role of peripheral myelin protein 22 in chronic exerciseâ€induced interactions of muscle and bone in mice. Journal of Cellular Physiology, 2022, 237, 2492-2502.	2.0	3
1324	Mechanical regulation of bone remodeling. Bone Research, 2022, 10, 16.	5.4	134
1325	Regulation of sclerostin by the SIRT1 stabilization pathway in osteocytes. Cell Death and Differentiation, 2022, 29, 1625-1638.	5.0	12
1326	Pathogenesis and Treatment of Myeloma-Related Bone Disease. International Journal of Molecular Sciences, 2022, 23, 3112.	1.8	16
1327	Role of Wnt-signaling inhibitors DKK-1 and sclerostin in bone fragility associated with Turner syndrome. Journal of Endocrinological Investigation, 2022, , 1.	1.8	6
1328	Inflammation and Bone Metabolism in Rheumatoid Arthritis: Molecular Mechanisms of Joint Destruction and Pharmacological Treatments. International Journal of Molecular Sciences, 2022, 23, 2871.	1.8	41
1329	The Function of Metformin in Aging-Related Musculoskeletal Disorders. Frontiers in Pharmacology, 2022, 13, 865524.	1.6	10
1330	Vitamin D Supplementation for 12 Months in Older Adults Alters Regulators of Bone Metabolism but Does Not Change Wnt Signaling Pathway Markers. JBMR Plus, 2022, 6, e10619.	1.3	2
1331	Autotaxin/Lysophosphatidic Acid Axis: From Bone Biology to Bone Disorders. International Journal of Molecular Sciences, 2022, 23, 3427.	1.8	4
1332	The regulative effect and repercussion of probiotics and prebiotics on osteoporosis: involvement of brain-gut-bone axis. Critical Reviews in Food Science and Nutrition, 2023, 63, 7510-7528.	5.4	23

#	Article	IF	Citations
1333	MicroRNAs in Serum Exosomes as Circulating Biomarkers for Postmenopausal Osteoporosis. Frontiers in Endocrinology, 2022, 13, 819056.	1.5	8
1334	Serum Sclerostin Level Is Negatively Associated with Bone Mineral Density in Hemodialysis Patients. Medicina (Lithuania), 2022, 58, 385.	0.8	4
1335	Nangibotide attenuates osteoarthritis by inhibiting osteoblast apoptosis and TGF- $\hat{l}^2$ activity in subchondral bone. Inflammopharmacology, 2022, , 1.	1.9	1
1336	Anti-sclerostin antibodies and abaloparatide have additive effects when used as a countermeasure against disuse osteopenia in female rats. Bone, 2022, 160, 116417.	1.4	9
1337	Gold nanorods modified by endogenous protein with light-irradiation enhance bone repair via multiple osteogenic signal pathways. Biomaterials, 2022, 284, 121482.	5.7	26
1338	Genetic variation in WNT16 and its association with bone mineral density, fractures and osteoporosis in children with bone fragility. Bone Reports, 2022, 16, 101525.	0.2	3
1339	<i>WNT11,</i> a new gene associated with early onset osteoporosis, is required for osteoblastogenesis. Human Molecular Genetics, 2022, 31, 1622-1634.	1.4	7
1340	Mechanical oscillations orchestrate axial patterning through Wnt activation in <i>Hydra</i> . Science Advances, 2021, 7, eabj6897.	4.7	14
1342	Secreted frizzled related-protein 2 (Sfrp2) deficiency decreases adult skeletal stem cell function in mice. Bone Research, 2021, 9, 49.	5.4	9
1343	LncRNAâ€AK137033 inhibits the osteogenic potential of adiposeâ€derived stem cells in diabetic osteoporosis by regulating Wnt signaling pathway via DNA methylation. Cell Proliferation, 2022, 55, e13174.	2.4	20
1344	The Relationship between Serum Sclerostin Levels and Bone Mineral Disorders and Vascular Calcification in Hemodialysis Patients. Open Access Macedonian Journal of Medical Sciences, 2020, 9, 1664-1671.	0.1	0
1345	Musculoskeletal Manifestations in Sjogren's Syndrome. Physiology, 0, , .	4.0	0
1346	Cellular Senescence in Bone. Physiology, 0, , .	4.0	0
1347	Potential of RNA-binding protein human antigen R as a driver of osteogenic differentiation in osteoporosis. Journal of Orthopaedic Surgery and Research, 2022, 17, 234.	0.9	6
1348	Molecular and cellular outcomes of quercetin actions on healthy and tumor osteoblasts. Biochimie, 2022, , .	1.3	3
1352	<scp>METTL3</scp> â€m <sup>6</sup> <scp>A</scp> methylase regulates the osteogenic potential of bone marrow mesenchymal stem cells in osteoporotic rats via the Wnt signalling pathway. Cell Proliferation, 2022, 55, e13234.	2.4	14
1353	Mesenchymal stromal cells from a progressive pseudorheumatoid dysplasia patient show altered osteogenic differentiation. European Journal of Medical Research, 2022, 27, 57.	0.9	0
1355	Adynamic bone disease: Revisited. Nefrologia, 2022, 42, 8-14.	0.2	0

#	Article	IF	Citations
1356	Experimental Study on the Effects of Simvastatin in Reversing the Femoral Metaphyseal Defects Induced by Sodium Valproate in Normal and Ovariectomized Rats. SSRN Electronic Journal, 0, , .	0.4	0
1357	Sclerostin: From Molecule to Clinical Biomarker. International Journal of Molecular Sciences, 2022, 23, 4751.	1.8	8
1358	People living with HIV have low trabecular bone mineral density, high bone marrow adiposity, and poor trabecular bone microarchitecture at the proximal femur. Osteoporosis International, 2022, 33, 1739-1753.	1.3	1
1359	Cross-Talk between Wnt Signaling and Src Tyrosine Kinase. Biomedicines, 2022, 10, 1112.	1.4	11
1360	Pulsed electromagnetic fields inhibit mandibular bone deterioration depending on the Wnt3a/ $\hat{l}^2$ -catenin signaling activation in type 2 diabetic db/db mice. Scientific Reports, 2022, 12, 7217.	1.6	2
1361	Metabolism and Endocrine Disorders: What Wnt Wrong?. Frontiers in Endocrinology, 2022, 13, .	1.5	4
1362	Xenotransplantation of cryopreserved human clumps of mesenchymal stem cells/extracellular matrix complexes pretreated with IFN-γ induces rat calvarial bone regeneration. Regenerative Therapy, 2022, 20, 117-125.	1.4	0
1363	The Realâ€World Effect of 12 Months of Romosozumab Treatment on Patients With Osteoporosis With a High Risk of Fracture and Factors Predicting the Rate of Bone Mass Increase: A Multicenter Retrospective Study. JBMR Plus, 2022, 6, .	1.3	8
1364	Tyrosine Kinase Src Is a Regulatory Factor of Bone Homeostasis. International Journal of Molecular Sciences, 2022, 23, 5508.	1.8	13
1365	Potential therapeutic application of biophenols – plants secondary metabolites in rheumatoid arthritis. Critical Reviews in Food Science and Nutrition, 2022, , 1-19.	5.4	0
1366	Targeting a therapeutically relevant concentration of alendronate for inÂvitro studies on osteoblasts. Acta Odontologica Scandinavica, 2022, 80, 619-625.	0.9	2
1367	Decreased Serum Level of Sclerostin in Older Adults with Sarcopenia. Endocrinology and Metabolism, 2022, 37, 487-496.	1.3	9
1368	Ferroptosis - A new target of osteoporosis. Experimental Gerontology, 2022, 165, 111836.	1.2	29
1369	The Emerging Role of Cell Transdifferentiation in Skeletal Development and Diseases. International Journal of Molecular Sciences, 2022, 23, 5974.	1.8	9
1370	Canonical Wnt/ $\hat{l}^2$ â $\in$ catenin signaling has positive effects on osteogenesis, but can have negative effects on cementogenesis. Journal of Periodontology, 0, , .	1.7	1
1372	Expression pattern and clinical significance of $\hat{l}^2$ -catenin gene and protein in patients with primary malignant and benign bone tumors. Scientific Reports, 2022, 12, .	1.6	5
1373	A WNT protein therapeutic accelerates consolidation of a bone graft substitute in a preâ€elinical sinus augmentation model. Journal of Clinical Periodontology, 0, , .	2.3	0
1374	Isobavachalcone: A comprehensive review of its plant sources, pharmacokinetics, toxicity, pharmacological activities and related molecular mechanisms. Phytotherapy Research, 2022, 36, 3120-3142.	2.8	14

#	Article	IF	CITATIONS
1375	Effects of diabetes on osteocytes. Current Opinion in Endocrinology, Diabetes and Obesity, 2022, 29, 310-317.	1.2	8
1376	GATA4 and estrogen receptor alpha bind at SNPs rs9921222 and rs10794639 to regulate AXIN1 expression in osteoblasts. Human Genetics, 2022, 141, 1849-1861.	1.8	5
1377	Advances in Our Understanding of the Mechanism of Action of Drugs (including Traditional Chinese) Tj ETQq0 0	0 rgBT /Ov	verlock 10 Tf
1378	Effect of spheroid size on gene expression profiles of a mouse mesenchymal stem cell line in spheroid culture. Bio-Medical Materials and Engineering, 2022, , 1-10.	0.4	1
1379	Nanosilicateâ€Reinforced Silk Fibroin Hydrogel for Endogenous Regeneration of Both Cartilage and Subchondral Bone. Advanced Healthcare Materials, 2022, 11, .	3.9	17
1380	Rheumatoid arthritis and osteoimmunology: The adverse impact of a deregulated immune system on bone metabolism. Bone, 2022, 162, 116468.	1.4	13
1381	Salt inducible kinases and PTH1R action. Vitamins and Hormones, 2022, , .	0.7	0
1382	The Impact of Nonsurgical Periodontal Therapy on Serum Levels of Dickkopf-Related Protein-1 in Smokers and Nonsmokers with Periodontitis: A Prospective Comparative Study. Clinical, Cosmetic and Investigational Dentistry, 0, Volume 14, 191-198.	0.7	1
1383	Sclerostin as a Putative Myokine in Sarcopenia. Endocrinology and Metabolism, 2022, 37, 430-431.	1.3	1
1384	Progranulin, a moderator of estrogen/estrogen receptor $\hat{l}_{\pm}$ binding, regulates bone homeostasis through PERK/p-eIF2 signaling pathway. Journal of Molecular Medicine, 2022, 100, 1191-1207.	1.7	5
1385	Damaged Mesenchymal Cells Dampen the Inflammatory Response of Macrophages and the Formation of Osteoclasts. Journal of Clinical Medicine, 2022, 11, 4061.	1.0	1
1386	Osteocytes regulate bone anabolic response to mechanical loading in male mice via activation of integrin $\hat{l}\pm 5$ . Bone Research, 2022, $10$ , .	5.4	12
1387	Bone remodeling: an operational process ensuring survival and bone mechanical competence. Bone Research, 2022, 10, .	5.4	85
1388	Mesenchymal cell-derived Wnt1 signaling regulates subchondral bone remodeling but has no effects on the development of growth plate or articular cartilage in mice. Bone, 2022, 163, 116497.	1.4	2
1389	Roles of osteocytes in phosphate metabolism. Frontiers in Endocrinology, 0, 13, .	1.5	4
1391	A Highly Selective GSK- $3\hat{l}^2$ Inhibitor CHIR99021 Promotes Osteogenesis by Activating Canonical and Autophagy-Mediated Wnt Signaling. Frontiers in Endocrinology, 0, 13, .	1.5	10
1392	Cellular direct conversion by cell penetrable OCT4-30Kc19 protein and BMP4 growth factor. Biomaterials Research, 2022, 26, .	3.2	2
1393	Carboxymethyl chitosan-alginate enhances bone repair effects of magnesium phosphate bone cement by activating the FAK-Wnt pathway. Bioactive Materials, 2023, 20, 598-609.	8.6	18

#	Article	IF	CITATIONS
1394	Knowledge Domains and Emerging Trends of Osteoblasts-Osteoclasts in Bone Disease From 2002 to 2021: A Bibliometrics Analysis and Visualization Study. Frontiers in Endocrinology, 0, 13, .	1.5	8
1395	Site-specific characteristics of bone and progenitor cells in control and ovariectomized rats. Bone, 2022, 163, 116501.	1.4	2
1396	The secreted protein augurin is a novel modulator of canonical Wnt signalling involved in osteoblast differentiation. Clinical and Translational Discovery, 2022, 2, .	0.2	1
1397	Associations of Bone Mineral Density with RANKL and Osteoprotegerin in Arab Postmenopausal Women: A Cross-Sectional Study. Medicina (Lithuania), 2022, 58, 976.	0.8	1
1398	Wnt Inhibitors and Bone Mineral Density in Patients with Graves' Disease Treated with Antithyroid Drugs: A Preliminary Prospective Study. Metabolites, 2022, 12, 711.	1.3	1
1399	Bioinspired laminated bioceramics with high toughness for bone tissue engineering. International Journal of Energy Production and Management, 2022, 9, .	1.9	3
1400	Early-Onset Osteoporosis: Rare Monogenic Forms Elucidate the Complexity of Disease Pathogenesis Beyond Type I Collagen. Journal of Bone and Mineral Research, 2020, 37, 1623-1641.	3.1	14
1401	PTH1R translocation to primary cilia in mechanicallyâ€stimulated ostecytes prevents osteoclast formation via regulation of CXCL5 and ILâ€6 secretion. Journal of Cellular Physiology, 0, , .	2.0	10
1402	Diet X Gene Interactions Control Femoral Bone Adaptation to Low Dietary Calcium. JBMR Plus, 2022, 6, .	1.3	1
1403	Case report: Early-onset osteoporosis in a patient carrying a novel heterozygous variant of the WNT1 gene. Frontiers in Endocrinology, 0, 13, .	1.5	1
1404	Phosphate promotes osteogenic differentiation through non-canonical Wnt signaling pathway in human mesenchymal stem cells. Bone, 2022, 164, 116525.	1.4	4
1405	Zebrafish mutants reveal unexpected role of Lrp5 in osteoclast regulation. Frontiers in Endocrinology, 0, 13, .	1.5	7
1406	Salinomycin alleviates osteoarthritis progression via inhibiting Wnt/ $\hat{l}^2$ -catenin signaling. International Immunopharmacology, 2022, 112, 109225.	1.7	2
1407	Bioinspired drug-delivery system emulating the natural bone healing cascade for diabetic periodontal bone regeneration. Bioactive Materials, 2023, 21, 324-339.	8.6	17
1408	The Low-density Lipoprotein Receptor-related Protein 6 Pathway in the Treatment of Intestinal Barrier Dysfunction Induced by Hypoxia and Intestinal Microbiota through the Wnt/ $\hat{l}^2$ -catenin Pathway. International Journal of Biological Sciences, 2022, 18, 4469-4481.	2.6	8
1409	Chronic Kidney Disease – Mineral and Bone Disorder (CKD-MBD). , 2022, , 1751-1778.		1
1410	Osteoclasts/Osteoblasts., 2022,,.		0
1411	Paracrine and endocrine functions of osteocytes. Clinical Pediatric Endocrinology, 2023, 32, 1-10.	0.4	2

#	Article	IF	CITATIONS
1412	P16INK4A—More Than a Senescence Marker. Life, 2022, 12, 1332.	1.1	27
1413	CK1α/RUNX2 Axis in the Bone Marrow Microenvironment: A Novel Therapeutic Target in Multiple Myeloma. Cancers, 2022, 14, 4173.	1.7	5
1414	The effects of combined amplitude and high-frequency vibration on physically inactive osteopenic postmenopausal women. Frontiers in Physiology, $0,13,.$	1.3	0
1415	The genetic overlap between osteoporosis and craniosynostosis. Frontiers in Endocrinology, 0, 13, .	1.5	5
1416	Pathology of Bone: Changes Associated With Different Classes of Compounds. Toxicologic Pathology, 0, , 019262332211237.	0.9	0
1417	Critical illness and bone metabolism: where are we now and what is next?. European Journal of Medical Research, 2022, 27, .	0.9	2
1418	Tocotrienol as a Protecting Agent against Glucocorticoid-Induced Osteoporosis: A Mini Review of Potential Mechanisms. Molecules, 2022, 27, 5862.	1.7	7
1420	Experimental study on the effects of simvastatin in reversing the femoral metaphyseal defects induced by sodium valproate in normal and ovariectomized rats. Heliyon, 2022, 8, e10480.	1.4	3
1421	Mechanically Robust Hydrogels Facilitating Bone Regeneration through Epigenetic Modulation. Advanced Science, 2022, 9, .	5.6	23
1422	Dehydromiltirone inhibits osteoclast differentiation in RAW264.7 and bone marrow macrophages by modulating MAPK and NF-κB activity. Frontiers in Pharmacology, 0, 13, .	1.6	6
1423	Osteocytes and the pathogenesis of hypophosphatemic rickets. Frontiers in Endocrinology, 0, $13$ , .	1.5	6
1424	Hypoxia-Inducible Factors Signaling in Osteogenesis and Skeletal Repair. International Journal of Molecular Sciences, 2022, 23, 11201.	1.8	9
1425	Evaluation of Bone Turnover Markers Such as Osteoprotegerin, Sclerostin and Dickkopf-1 in Subclinical Hyperthyroidism. Indian Journal of Clinical Biochemistry, 2024, 39, 130-135.	0.9	0
1426	WNT signaling at the intersection between neurogenesis and brain tumorigenesis. Frontiers in Molecular Neuroscience, 0, $15$ , .	1.4	9
1427	The Role of Cartilage Stem/Progenitor Cells in Cartilage Repair in Osteoarthritis. Current Stem Cell Research and Therapy, 2023, 18, 892-903.	0.6	0
1428	Determinants of Low Bone Turnover in Type 2 Diabetes-the Role of PTH. Calcified Tissue International, 0, , .	1.5	4
1429	Long-acting PFI-2 small molecule release and multilayer scaffold design achieve extensive new formation of complex periodontal tissues with unprecedented fidelity. Biomaterials, 2022, 290, 121819.	5.7	2
1430	Efficient lung-targeted delivery of risedronate sodium/vitamin D3 conjugated PAMAM-G5 dendrimers for managing osteoporosis: Pharmacodynamics, molecular pathways and metabolomics considerations. Life Sciences, 2022, 309, 121001.	2.0	5

#	Article	IF	CITATIONS
1431	Retinoic acid effects on in vitro palatal fusion and WNT signaling. European Journal of Oral Sciences, 2022, 130, .	0.7	3
1432	The Flavonol Quercitrin Hinders GSK3 Activity and Potentiates the Wnt/β-Catenin Signaling Pathway. International Journal of Molecular Sciences, 2022, 23, 12078.	1.8	2
1433	The effects of epigenetic modifications on bone remodeling in age-related osteoporosis. Connective Tissue Research, 0, , 1-12.	1.1	0
1434	High-density genotyping reveals candidate genomic regions for chicken body size in breeds of Asian origin. Poultry Science, 2022, , 102303.	1.5	3
1435	Optimized osteogenesis of biological hydroxyapatite-based bone grafting materials by ion doping and osteoimmunomodulation. Bio-Medical Materials and Engineering, 2022, , 1-19.	0.4	2
1436	Fibroblast growth factor 23 inhibits osteogenic differentiation and mineralization of chicken bone marrow mesenchymal stem cells. Poultry Science, 2023, 102, 102287.	1.5	3
1437	R-spondin 3 deletion induces Erk phosphorylation to enhance Wnt signaling and promote bone formation in the appendicular skeleton. ELife, 0, $11$ , .	2.8	3
1438	Conditional Loss of Nmp4 in Mesenchymal Stem Progenitor Cells Enhances PTH-Induced Bone Formation. Journal of Bone and Mineral Research, 2020, 38, 70-85.	3.1	3
1439	Functionalized TiCu/TiCuN coating promotes osteoporotic fracture healing by upregulating the Wnt/ $\hat{l}^2$ -catenin pathway. International Journal of Energy Production and Management, 2023, 10, .	1.9	4
1440	Induced inactivation of Wnt16 in young adult mice has no impact on osteoarthritis development. PLoS ONE, 2022, 17, e0277495.	1.1	2
1441	Influence of Long Non-Coding RNA in the Regulation of Cancer Stem Cell Signaling Pathways. Cells, 2022, 11, 3492.	1.8	6
1442	Protein Kinase G2 Is Essential for Skeletal Homeostasis and Adaptation to Mechanical Loading in Male but Not Female Mice. Journal of Bone and Mineral Research, 2020, 38, 171-185.	3.1	4
1443	Magnesium-organic framework modified biodegradable electrospun scaffolds for promoting osteogenic differentiation and bone regeneration. European Polymer Journal, 2022, 181, 111692.	2.6	5
1444	The importance of fusion protein activity in Ewing sarcoma and the cell intrinsic and extrinsic factors that regulate it: A review. Frontiers in Oncology, 0, 12, .	1.3	10
1445	Vitamin D inhibits bone loss in mice with thyrotoxicosis by activating the OPG/RANKL and Wnt/ $\hat{l}^2$ -catenin signaling pathways. Frontiers in Endocrinology, 0, 13, .	1.5	6
1446	Differential bone metabolism and protein expression in mice fed a high-fat diet versus Daurian ground squirrels following natural pre-hibernation fattening. Journal of Zhejiang University: Science B, 2022, 23, 1042-1056.	1.3	0
1447	Notoginsenoside R1 Promotes Proliferation and Osteogenic Differentiation of hPDLSCs via Wnt/l²-Catenin Signaling Pathway. Drug Design, Development and Therapy, 0, Volume 16, 4399-4409.	2.0	1
1448	Regulation of bone homeostasis by MERTK and TYRO3. Nature Communications, 2022, 13, .	5.8	9

#	Article	IF	CITATIONS
1449	$Wnt16 \ signaling \ in \ bone \ homeostasis \ and \ osteoarthrist is. \ Frontiers \ in \ Endocrinology, 0, 13, .$	1.5	2
1450	Molecular Features of the Mesenchymal and Osteoblastic Cells in Multiple Myeloma. International Journal of Molecular Sciences, 2022, 23, 15448.	1.8	2
1451	Prrx1 marks stem cells for bone, white adipose tissue and dermis in adult mice. Nature Genetics, 2022, 54, 1946-1958.	9.4	11
1452	Specific deletion of Axin1 leads to activation of $\hat{l}^2$ -catenin/BMP signaling resulting in fibular hemimelia phenotype in mice. ELife, 0, 11, .	2.8	2
1453	Wnt Signaling in the Development of Bone Metastasis. Cells, 2022, 11, 3934.	1.8	8
1455	The role of miRNA and IncRNA in heterotopic ossification pathogenesis. Stem Cell Research and Therapy, 2022, 13, .	2.4	3
1456	Structure-based design of selective, orally available salt-inducible kinase inhibitors that stimulate bone formation in mice. Proceedings of the National Academy of Sciences of the United States of America, $2022,119,$ .	3.3	16
1457	Temporomandibular joint arthritis increases canonical Wnt pathway expression in the articular cartilage and trigeminal ganglion in rats. Bone Reports, 2023, 18, 101649.	0.2	O
1458	Polydopamine-coated 3D-printed $\hat{l}^2$ -tricalcium phosphate scaffolds to promote the adhesion and osteogenesis of BMSCs for bone-defect repair: mRNA transcriptomic sequencing analysis. Journal of Materials Chemistry B, 2023, 11, 1725-1738.	2.9	3
1459	Case Report of Two Siblings Diagnosed with Osteogenesis Imperfecta Type XV with a New Mutation in the WNT1 Gene and Review of the Literature. Molecular Syndromology, 2023, 14, 164-170.	0.3	0
1460	The fatty acid synthase inhibitor C75 differentially affects the adipogenic differentiation of multipotent cells and preadipocytes. FEBS Letters, 2022, 596, 3191-3202.	1.3	0
1461	Home-based cardiac rehabilitation: A review of bibliometric studies and visual analysis of CiteSpace (2012–2021). Medicine (United States), 2022, 101, e31788.	0.4	2
1462	Behavior of adipocytes in the mammary niche during pregnancy and lactation. Journal of Stem Cell Research & Therapeutics, 2019, 5, 1-6.	0.1	0
1463	Understanding LncRNAs in Biomaterials Development for Osteointegration. , 2023, , 269-285.		0
1464	Cellular signaling. , 2023, , 109-135.		0
1465	LRP6/filamentous-actin signaling facilitates osteogenic commitment in mechanically induced periodontal ligament stem cells. Cellular and Molecular Biology Letters, 2023, 28, .	2.7	2
1466	Early renal impairment affects hormonal regulators of calcium and bone metabolism and Wnt signalling and the response to vitamin D supplementation in healthy older adults. Journal of Steroid Biochemistry and Molecular Biology, 2023, 229, 106267.	1.2	0
1467	Wnt pathway inhibitors are upregulated in XLH dental pulp cells in response to odontogenic differentiation. International Journal of Oral Science, 2023, 15, .	3.6	2

#	Article	IF	CITATIONS
1468	Pharmaceutical treatment of bone loss: From animal models and drug development to future treatment strategies., 2023, 244, 108383.		10
1469	Supplemental mineral ions for bone regeneration and osteoporosis treatment. Engineered Regeneration, 2023, 4, 170-182.	3.0	5
1470	Integrative proteogenomic characterization of early esophageal cancer. Nature Communications, 2023, 14, .	5.8	8
1471	Wrinkled topography regulates osteogenesis via autophagy-mediated Wnt/ $\hat{l}^2$ -catenin signaling pathway in MC3T3-E1 cells. Archives of Oral Biology, 2023, 151, 105700.	0.8	2
1472	Wnt-associated adult stem cell marker Lgr6 is required for osteogenesis and fracture healing. Bone, 2023, 169, 116681.	1.4	4
1473	Antibodies to sclerostin or G-CSF receptor partially eliminate bone or marrow adipocyte loss, respectively, following vertical sleeve gastrectomy. Bone, 2023, 169, 116682.	1.4	2
1474	Antisclerostin Effect on Osseointegration and Bone Remodeling. Journal of Clinical Medicine, 2023, 12, 1294.	1.0	1
1475	Hyperthyroidism and Wnt Signaling Pathway: Influence on Bone Remodeling. Metabolites, 2023, 13, 241.	1.3	1
1477	The trajectory of osteoblast progenitor cells in patients with type 2 diabetes and the predictive model for their osteogenic differentiation ability. Scientific Reports, 2023, 13, .	1.6	0
1478	Bone-targeted bioengineered bacterial extracellular vesicles delivering siRNA to ameliorate osteoporosis. Composites Part B: Engineering, 2023, 255, 110610.	5.9	18
1479	LGR4: A New Receptor Member in Endocrine and Metabolic Diseases. Endocrine Reviews, 0, , .	8.9	1
1480	Network expansion of genetic associations defines a pleiotropy map of human cell biology. Nature Genetics, 2023, 55, 389-398.	9.4	19
1481	Spatial Lipidomic Profiling of Mouse Joint Tissue Demonstrates the Essential Role of PHOSPHO1 in Growth Plate Homeostasis. Journal of Bone and Mineral Research, 2020, 38, 792-807.	3.1	2
1482	The Metabolic Features of Osteoblasts: Implications for Multiple Myeloma (MM) Bone Disease. International Journal of Molecular Sciences, 2023, 24, 4893.	1.8	1
1483	Pathogenic mechanisms of glucocorticoid-induced osteoporosis. Cytokine and Growth Factor Reviews, 2023, 70, 54-66.	3.2	9
1484	Revisiting the Mesenchymal "Stem vs. Stromal―Cell Dichotomy and Its Implications for Development of Improved Potency Metrics. Stem Cells, 2023, 41, 444-452.	1.4	7
1485	Wnt1 Boosts Fracture Healing by Enhancing Bone Formation in the Fracture Callus. Journal of Bone and Mineral Research, 2020, 38, 749-764.	3.1	1
1486	MACF1 overexpression in BMSCs alleviates senile osteoporosis in mice through TCF4/miR-335–5p signaling pathway. Journal of Orthopaedic Translation, 2023, 39, 177-190.	1.9	3

#	Article	IF	CITATIONS
1487	<scp><i>Lrp5</i></scp> p. <scp>Val667Met</scp> Variant Compromises Bone Mineral Density and Matrix Properties in Osteoporosis. JBMR Plus, 2023, 7, .	1.3	0
1488	Diagnostic value of anti-Kaiso autoantibody in axial spondyloarthritis. Frontiers in Immunology, 0, 14,	2.2	1
1489	Effects of Hyperlipidemia on Osseointegration of Dental Implants and Its Strategies. Journal of Functional Biomaterials, 2023, 14, 194.	1.8	2
1490	Wnt/ $\hat{l}^2$ -Catenin Promotes the Osteoblastic Potential of BMP9 Through Down-Regulating Cyp26b1 in Mesenchymal Stem Cells. Tissue Engineering and Regenerative Medicine, 2023, 20, 705-723.	1.6	1
1491	Balancing WNT signalling in early forebrain development: The role of LRP4 as a modulator of LRP6 function. Frontiers in Cell and Developmental Biology, 0, $11$ , .	1.8	2
1492	Epigenetic Modifications in Prostate Cancer Metastasis and Microenvironment. Cancers, 2023, 15, 2243.	1.7	5
1493	Connexin 43 hemichannels and prostaglandin E2 release in anabolic function of the skeletal tissue to mechanical stimulation. Frontiers in Cell and Developmental Biology, $0,11,1$	1.8	0
1494	Copper-containing chitosan-based hydrogels enabled 3D-printed scaffolds to accelerate bone repair and eliminate MRSA-related infection. International Journal of Biological Macromolecules, 2023, 240, 124463.	3.6	2
1495	PTHrP Modulates the Proliferation and Osteogenic Differentiation of Craniofacial Fibrous Dysplasia-Derived BMSCs. International Journal of Molecular Sciences, 2023, 24, 7616.	1.8	2
1496	Want of Wnt in Parkinson's disease: Could sFRP disrupt interplay between Nurr1 and Wnt signaling?. Biochemical Pharmacology, 2023, 212, 115566.	2.0	2
1503	Identifying Biomarkers for Osteogenic Potency Assay Development. Advances in Experimental Medicine and Biology, 2023, , 39-58.	0.8	0
1526	Osteogenic trace element doped ceramic coating for bioimplant applications. , 2023, , 293-321.		0
1527	Electrochemical synthesis of ceramics for biomedical applications., 2023,, 87-110.		0
1533	Small-molecule amines: a big role in the regulation of bone homeostasis. Bone Research, 2023, 11, .	5.4	1
1545	Mechanobiology of osteoblast. , 2024, , 125-149.		1
1546	Bone fragility and osteoporosis in children and young adults. Journal of Endocrinological Investigation, 2024, 47, 285-298.	1.8	0
1562	Stem cell therapeutic approaches and signaling pathways in rheumatoid arthritis and osteoarthritis. , 2024, , 415-436.		0
1572	Vitamin D in dentoalveolar and oral health. , 2024, , 453-484.		0

#	Article	IF	CITATIONS
1608	Bone–fat linkage via interleukin-11 in response to mechanical loading. Journal of Bone and Mineral Metabolism, 0, , .	1.3	0
1611	The Role of Non-collagenous Proteins and Other Matrix Molecules in Vertebrate Mineralization. , 2023, , 343-401.		O
1617	Bones, Joints, and Teeth., 2024, , 249-360.		0