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#	Paper	IF	Citations
438	Effects of bone morphogenetic protein-2 and transforming growth factor beta1 on gene expression of transcription factors, AJ18 and Runx2 in cultured osteoblastic cells. <b>2004</b> , 35, 81-90		20
437	Molecular mechanisms underlying osteoclast formation and activation. 2003, 38, 605-14		105
436	Expression of alternatively spliced isoforms of human Sp7 in osteoblast-like cells. 2003, 4, 43		50
435	BMP2 initiates chondrogenic lineage development of adult human mesenchymal stem cells in high-density culture. <b>2003</b> , 71, 567-77		178
434	Effect of soluble receptors to interleukin-1 and tumor necrosis factor alpha on experimentally induced root resorption in rats. <b>2003</b> , 38, 324-32		30
433	A bit of give and take: the relationship between the extracellular matrix and the developing chondrocyte. <b>2003</b> , 120, 1327-36		85
432	Sulfated polysaccharides enhance the biological activities of bone morphogenetic proteins. <b>2003</b> , 278, 43229-35		221
431	The role of calmodulin in the regulation of osteoclastogenesis. 2003, 144, 4536-43		29
430	Enhancement of in vitro osteoblastic potential after selective sorting of osteoblasts with high alkaline phosphatase activity from human osteoblast-like cells. <b>2004</b> , 13, 377-83		15
429	Cementoblast gene expression is regulated by Porphyromonas gingivalis lipopolysaccharide partially via toll-like receptor-4/MD-2. <b>2004</b> , 83, 602-7		42
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236	Characterization of Osterix protein stability and physiological role in osteoblast differentiation. <b>2013</b> , 8, e56451		29	
235	Acceleration of bone repair in NOD/SCID mice by human monoosteophils, novel LL-37-activated monocytes. <b>2013</b> , 8, e67649		15	
234	Strontium-doped calcium phosphate and hydroxyapatite granules promote different inflammatory and bone remodelling responses in normal and ovariectomised rats. <b>2013</b> , 8, e84932		46	
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232	Immunohistochemical and molecular characterization of the human periosteum. <b>2013</b> , 2013, 341078		11	
231	Proteomics approaches for the studies of bone metabolism. <b>2014</b> , 47, 141-8		17	
230	Intracanal Medication in Root Canal Disinfection. <b>2014</b> , 247-276		1	
229	Detection of rankl positive cells in gingival tissue in healthy & chronic periodontal disease patients-a comparative study. <b>2014</b> , 8, ZC31-4		2	
228	Antiosteoporotic effect of orally administered yolk-derived peptides on bone mass in women. <b>2014</b> , 2, 193-9		8	
227	Down-Regulation of Acid and Alkaline Phosphatases Induced After Prolonged Diclofenac Use in Experimental Mouse Bone. <b>2014</b> , 84, 37-45		2	
226	Fisetin antagonizes cell fusion, cytoskeletal organization and bone resorption in RANKL-differentiated murine macrophages. <b>2014</b> , 25, 295-303		5	
225	Regulatory mechanisms of RANKL presentation to osteoclast precursors. <b>2014</b> , 12, 115-20		46	
224	Osteoporosis-bone remodeling and animal models. <b>2014</b> , 42, 957-69		48	

223	Effect of IL-15 and natural killer cells on osteoclasts and osteoblasts in a mouse coculture. <b>2014</b> , 37, 657-69	30
222	Accelerated orthodontic tooth movement: molecular mechanisms. <b>2014</b> , 146, 620-32	110
221	The realm of vitamin K dependent proteins: shifting from coagulation toward calcification. <b>2014</b> , 58, 1620-35	72
220	The adaptor protein p62 is involved in RANKL-induced autophagy and osteoclastogenesis. <b>2014</b> , 62, 879-88	52
219	In vitro and in vivo evaluation of porous PCL-PLLA 3D polymer scaffolds fabricated via salt leaching method for bone tissue engineering applications. <b>2014</b> , 25, 150-67	36
218	Bioresorbable bone graft substitutes. <b>2014</b> , 80-92	6
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214	In vivo comparative model of oxygen plasma and nanocomposite particles on PLGA membranes for guided bone regeneration processes to be applied in pre-prosthetic surgery: a pilot study. <b>2014</b> , 42, 1446-57	14
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210	Evaluation of the host response in various models of induced periodontal disease in mice. <b>2014</b> , 85, 465-77	67
209	Improved expression of Sirt1 on thymic epithelial cells of SAMP10 after Intrabone marrow-bone marrow transplantation. <b>2014</b> , 23, 1019-29	5
208	Bone Biology and Regeneration. <b>2014</b> , 315-342	3
207	Genetic influences on orthodontic tooth movement. <b>2015</b> , 145-163	
206	Angiotensin II suppresses osteoblastic differentiation and mineralized nodule formation via AT1 receptor in ROS17/2.8 cells. <b>2015</b> , 11, 628-37	21

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205	Green Tea Modulates Cytokine Expression in the Periodontium and Attenuates Alveolar Bone Resorption in Type 1 Diabetic Rats. <b>2015</b> , 10, e0134784		27
204	A review paper on biomimetic calcium phosphate coatings. <b>2015</b> , 9, 56-64		33
203	Cbl-b and c-Cbl negatively regulate osteoblast differentiation by enhancing ubiquitination and degradation of Osterix. <b>2015</b> , 75, 201-9		18
202	Periodontal Health in Women With Early-Stage Postmenopausal Breast Cancer Newly on Aromatase Inhibitors: A Pilot Study. <b>2015</b> , 86, 906-16		18
201	Evaluation of the effects of boron nitride nanotubes functionalized with gum arabic on the differentiation of rat mesenchymal stem cells. <b>2015</b> , 5, 45431-45438		16
200	Voriconazole Enhances the Osteogenic Activity of Human Osteoblasts In Vitro through a Fluoride-Independent Mechanism. <b>2015</b> , 59, 7205-13		24
199	Oxidized Titanium Implants Enhance Osseointegration via Mechanisms Involving RANK/RANKL/OPG Regulation. <b>2015</b> , 17 Suppl 2, e486-500		31
198	Strontium and zoledronate hydroxyapatites graded composite coatings for bone prostheses. <b>2015</b> , 448, 1-7		44
197	High-magnitude mechanical strain inhibits the differentiation of bone-forming rat calvarial progenitor cells. <b>2015</b> , 56, 336-41		13
196	MicroRNAs regulate bone development and regeneration. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 8227-53	6.3	83
195	Mechanical forces in musculoskeletal tissue engineering. <b>2015</b> , 77-93		2
194	Anti-osteoporotic activity of sialoglycoproteins isolated from the eggs of Carassius auratus by promoting osteogenesis and increasing OPG/RANKL ratio. <b>2015</b> , 15, 137-150		26
193	Coatings for osseointegration of metallic biomaterials. <b>2015</b> , 345-358		2
192	Hypertension modifies OPG, RANK, and RANKL expression during the dental socket bone healing process in spontaneously hypertensive rats. <b>2015</b> , 19, 1319-27		28
191	Ostericum koreanum Reduces LPS-Induced Bone Loss Through Inhibition of Osteoclastogenesis. <b>2015</b> , 43, 495-512		5
190	Enhanced release of bone morphogenetic proteins from demineralized bone matrix by gamma irradiation. <b>2015</b> , 111, 62-66		6
189	Antiosteoclastogenesis activity of a CO2laser antagonizing receptor activator for nuclear factor kappaB ligand-induced osteoclast differentiation of murine macrophages. <b>2015</b> , 12, 035601		2
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186	MicroRNAs: Novel Crossroads between Myeloma Cells and the Bone Marrow Microenvironment. <b>2016</b> , 2016, 6504593	42
185	Effects of IL-10 and glucose on expression of OPG and RANKL in human periodontal ligament fibroblasts. <b>2016</b> , 49, e4324	9
184	Synthesis of composite magnetic nanoparticles FeO with alendronate for osteoporosis treatment. <b>2016</b> , 11, 4583-4594	67
183	Smad-dependent mechanisms of inflammatory bone destruction. <b>2016</b> , 18, 279	27
182	The biological significance of methylome differences in human papilloma virus associated head and neck cancer. <b>2016</b> , 12, 4949-4956	6
181	MODEL-BASED ANALYSIS OF IGF-1 EFFECT ON OSTEOBLAST AND OSTEOCLAST REGULATION IN BONE TURNOVER. <b>2016</b> , 24, 63-89	2
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176	Curcumin eluting nanofibers augment osteogenesis toward phytochemical based bone tissue engineering. <b>2016</b> , 11, 055007	44
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169	'Pre-prosthetic use of poly(lactic-co-glycolic acid) membranes treated with oxygen plasma and TiO2 nanocomposite particles for guided bone regeneration processes'. <b>2016</b> , 47, 71-9	12
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165	Endoplasmic reticulum stress-mediated inflammatory signaling pathways within the osteolytic periosteum and interface membrane in particle-induced osteolysis. <b>2016</b> , 363, 427-47	20
164	Wnt/Eatenin signaling in bone marrow niche. <b>2016</b> , 363, 321-35	50
163	Sclerostin, an emerging therapeutic target for treating osteoporosis and osteoporotic fracture: A general review. <b>2016</b> , 4, 1-13	41
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155	Novel In Vitro Assay Models to Study Osteogenesis and Chondrogenesis for Human Skeletal Disorders. <b>2017</b> , 113-126	
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132	Bone health consequence of adjuvant Anastrozole in monotherapy or associated with biochanin-A in ovariectomized rat model. <b>2018</b> , 212, 159-167	8
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125	Isosteviol Derivative Inhibits Osteoclast Differentiation and Ameliorates Ovariectomy-Induced Osteoporosis. <b>2018</b> , 8, 11190	4
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119	Impact of Four Protein Additives in Cryogels on Osteogenic Differentiation of Adipose-Derived Mesenchymal Stem Cells. <b>2019</b> , 6,	8
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116	Barrier membranes: More than the barrier effect?. <b>2019</b> , 46 Suppl 21, 103-123	65

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112	Beclin1 Modulates Bone Homeostasis by Regulating Osteoclast and Chondrocyte Differentiation. <b>2019</b> , 34, 1753-1766		34
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110	KLF2 (kruppel-like factor 2 [lung]) regulates osteoclastogenesis by modulating autophagy. <b>2019</b> , 15, 2063-2075		31
109	Alteration of circular RNA expression in rat dental follicle cells during osteogenic differentiation. <b>2019</b> , 120, 13289-13301		10
108	The Role of NF- <b>B</b> in Physiological Bone Development and Inflammatory Bone Diseases: Is NF- <b>B</b> Inhibition "Killing Two Birds with One Stone"?. <b>2019</b> , 8,		35
107	Regulation of intracellular Ca2+/CaMKII signaling by TRPV4 membrane translocation during osteoblastic differentiation. <b>2019</b> , 5, 254-263		2
106	Application of a Promising Bone Graft Substitute in Bone Tissue Regeneration: Characterization, Biocompatibility, and Animal Study. <b>2019</b> , 2019, 1614024		2
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104	Osseointegration and current interpretations of the bone-implant interface. <b>2019</b> , 84, 1-15		117
103	Systemic and local effects of radiotherapy: an experimental study on implants placed in rats. <b>2020</b> , 24, 785-797		3
102	Cellular and molecular reactions to dental implants. <b>2020</b> , 183-205		
101	Exosomes influence the behavior of human mesenchymal stem cells on titanium surfaces. <b>2020</b> , 230, 119571		34
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99	Pentraxin 3 inhibits fibroblast growth factor 2 induced osteoclastogenesis in rheumatoid arthritis. <b>2020</b> , 131, 110628		4
98	Effect of long term palmitate treatment on osteogenic differentiation of human mesenchymal stromal cells - Impact of albumin. <b>2020</b> , 13, 100707		1

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93	Zinc Homeostasis in Bone: Zinc Transporters and Bone Diseases. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	24
92	Boric acid inhibits alveolar bone loss in rat experimental periodontitis through diminished bone resorption and enhanced osteoblast formation. <b>2020</b> , 15, 437-444		5
91	Co-culture systems of osteoblasts and osteoclasts: Simulating in vitro bone remodeling in regenerative approaches. <b>2020</b> , 108, 22-45		34
90	Strontium-substituted sub-micron bioactive glasses inhibit ostoclastogenesis through suppression of RANKL-induced signaling pathway. <b>2020</b> , 7, 303-311		8
89	A Comparative In Vitro Analysis of the Osteogenic Potential of Human Dental Pulp Stem Cells Using Various Differentiation Conditions. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
88	Lactoferrin and oral pathologies: a therapeutic treatment. <b>2021</b> , 99, 81-90		5
87	Materials roles for promoting angiogenesis in tissue regeneration. <b>2021</b> , 117, 100732		36
86	Partial deficiency of HIF-1\(\text{H}\)n chondrocytes effected bone repair of mandibular condylar neck. <b>2021</b> , 122, 105023		О
85	6-Bromoindirubin-3'-oxime Promotes Osteogenic Differentiation of Periodontal Ligament Stem Cells and Facilitates Bone Regeneration in a Mouse Periodontitis Model. <b>2021</b> , 7, 232-241		3
84	Regenerative Approaches in Oral and Maxillofacial Surgery. <b>2021</b> , 171-196		
83	WITHDRAWN: Role of microRNA-19b-3p on osteoporosis after experimental spinal cord injury in rats. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 714, 108805	4.1	2
82	Efficacy of Photobiomodulation Therapy for Orthodontic Pain Control Following the Placement of Elastomeric Separators: A Randomized Clinical Trial. <b>2021</b> , 12, e8		
81	Schistosome infection promotes osteoclast-mediated bone loss. <b>2021</b> , 17, e1009462		3

79	Collagenated Porcine Heterologous Bone Grafts: Histomorphometric Evaluation of Bone Formation Using Different Physical Forms in a Rabbit Cancellous Bone Model. <b>2021</b> , 26,	10
78	Pathogenesis and Current Treatment of Osteosarcoma: Perspectives for Future Therapies. <b>2021</b> , 10,	14
77	Study on the Synthesis of Hydroxyapatite under Highly Alkaline Conditions. 2021, 60, 4385-4396	5
76	Photobiomodulation: An Effective Approach to Enhance Proliferation and Differentiation of Adipose-Derived Stem Cells into Osteoblasts. <b>2021</b> , 2021, 8843179	2
75	Assessment of IL-10, IL-11 and TNF-13 ene polymorphisms in patients with peri-implantitis and healthy controls. <b>2021</b> , 48, 2285-2290	3
74	The Effects of TGF-B, 17-Æstradiol and Bisphenol A on Osteoprotegerin Production in Osteoblasts.	
73	Alleviative Effects of Exercise on Bone Remodeling in Fluorosis Mice. <b>2021</b> , 1	2
72	Role of nitric oxide in orthodontic tooth movement (Review). <b>2021</b> , 48,	1
71	Transcriptome Analysis of Egg Yolk Sialoglycoprotein on Osteogenic Activity in MC3T3-E1 Cells. <b>2021</b> , 11, 6428	1
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69	Metallic Nanoscaffolds as Osteogenic Promoters: Advances, Challenges and Scope. <b>2021</b> , 11, 1356	10
68	Molecular signaling in temporomandibular joint osteoarthritis <b>2022</b> , 32, 21-27	3
67	Integration of mechanics and biology in computer simulation of bone remodeling. 2021, 164, 33-45	1
66	Statins with potential to control periodontitis: From biological mechanisms to clinical studies. <b>2021</b> , 63, 232-244	1
65	Anti-Osteoporotic Activity of Pueraria lobata Fermented with Lactobacillus paracasei JS1 by Regulation of Osteoblast Differentiation and Protection against Bone Loss in Ovariectomized Mice. <b>2021</b> , 7, 186	
64	Early osteoimmunomodulatory effects of magnesium-calcium-zinc alloys. <b>2021</b> , 12, 20417314211047100	5
63	Gene expression, immunohistochemical and microarchitectural evaluation of bone formation around two implant surfaces placed in bone defects filled or not with bone substitute material. <b>2020</b> , 6, 80	1
62	Transcriptional profiling of bone marrow stromal cells in response to Porphyromonas gingivalis secreted products. <b>2012</b> , 7, e43899	10

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60	Mutational analysis of sclerostin shows importance of the flexible loop and the cystine-knot for Wnt-signaling inhibition. <b>2013</b> , 8, e81710	17
59	Treatment of OPG-deficient mice with WP9QY, a RANKL-binding peptide, recovers alveolar bone loss by suppressing osteoclastogenesis and enhancing osteoblastogenesis. <b>2017</b> , 12, e0184904	19
58	Metabolic Bone Disease and Inflammatory Bowel Disease. <b>2007</b> , 102, 49-55	1
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56	Yam (Dioscorea batatas) Root and Bark Extracts Stimulate Osteoblast Mineralization by Increasing Ca and P Accumulation and Alkaline Phosphatase Activity. <b>2014</b> , 19, 194-203	6
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54	An insight into the regulatory mechanisms of cells involved in resorption of dental hard tissues. <b>2013</b> , 17, 228-33	12
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48	The W9 peptide inhibits osteoclastogenesis and osteoclast activity by downregulating osteoclast autophagy and promoting osteoclast apoptosis. <b>2021</b> , 1	2
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46	Basic Bone Biology and Scaffold Designs for Tissue. 2004,	
45	Pathogenesis of Inflammation-Induced Bone Loss. <b>2006</b> , 249-263	
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