

Je-Yong Choi

List of Publications by Year in descending order

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158
papers

7,605
citations

61984

43
h-index

60623

81
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165
all docs

165
docs citations

165
times ranked

8833
citing authors

#	ARTICLE	IF	CITATIONS
1	Runx2 control of organization, assembly and activity of the regulatory machinery for skeletal gene expression. <i>Oncogene</i> , 2004, 23, 4315-4329.	5.9	461
2	Runt homology domain proteins in osteoblast differentiation: AML3/CBFA1 is a major component of a bone-specific complex. <i>Journal of Cellular Biochemistry</i> , 1997, 66, 1-8.	2.6	427
3	Bone Morphogenetic Protein-2 Stimulates Runx2 Acetylation. <i>Journal of Biological Chemistry</i> , 2006, 281, 16502-16511.	3.4	303
4	Cell growth regulatory role of Runx2 during proliferative expansion of preosteoblasts. <i>Cancer Research</i> , 2003, 63, 5357-62.	0.9	253
5	Transcriptional autoregulation of the bone related CBFA1/RUNX2 gene. <i>Journal of Cellular Physiology</i> , 2000, 184, 341-350.	4.1	236
6	The Protein Kinase C Pathway Plays a Central Role in the Fibroblast Growth Factor-stimulated Expression and Transactivation Activity of Runx2. <i>Journal of Biological Chemistry</i> , 2003, 278, 319-326.	3.4	218
7	The Bone-specific Expression of Runx2 Oscillates during the Cell Cycle to Support a G1-related Antiproliferative Function in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2005, 280, 20274-20285.	3.4	212
8	Expression patterns of bone-related proteins during osteoblastic differentiation in MC3T3-E1 cells. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 609-618.	2.6	206
9	Zinc deficiency suppresses matrix mineralization and retards osteogenesis transiently with catch-up possibly through Runx 2 modulation. <i>Bone</i> , 2010, 46, 732-741.	2.9	175
10	Dlx5 Specifically Regulates Runx2 Type II Expression by Binding to Homeodomain-response Elements in the Runx2 Distal Promoter. <i>Journal of Biological Chemistry</i> , 2005, 280, 35579-35587.	3.4	174
11	Identification of Motifs in the Fasciclin Domains of the Transforming Growth Factor- β -induced Matrix Protein β 3 That Interact with the α 5 Integrin. <i>Journal of Biological Chemistry</i> , 2002, 277, 46159-46165.	3.4	165
12	Establishment of a near-standard two-dimensional human urine proteomic map. <i>Proteomics</i> , 2004, 4, 3485-3497.	2.2	150
13	β 3 supports keratinocyte adhesion, migration, and proliferation through α 1 integrin. <i>Biochemical and Biophysical Research Communications</i> , 2002, 294, 940-948.	2.1	133
14	Preparation of a bioactive and degradable poly(ϵ -caprolactone)/silica hybrid through a sol-gel method. <i>Biomaterials</i> , 2002, 23, 4915-4921.	11.4	121
15	Functional architecture of the nucleus: organizing the regulatory machinery for gene expression, replication and repair. <i>Trends in Cell Biology</i> , 2003, 13, 584-592.	7.9	121
16	Adiponectin Stimulates Osteoblast Differentiation Through Induction of COX2 in Mesenchymal Progenitor Cells. <i>Stem Cells</i> , 2009, 27, 2254-2262.	3.2	113
17	Identification of the α 3 Integrin-interacting Motif of β 3 and Its Anti-angiogenic Effect. <i>Journal of Biological Chemistry</i> , 2003, 278, 25902-25909.	3.4	112
18	Leptin Induces Apoptosis via ERK/cPLA2/Cytochrome c Pathway in Human Bone Marrow Stromal Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 21920-21929.	3.4	109

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19	The dynamic organization of geneâ€regulatory machinery in nuclear microenvironments. <i>EMBO Reports</i> , 2005, 6, 128-133.	4.5	107
20	Berberine Promotes Osteoblast Differentiation by Runx2 Activation With p38 MAPK. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1227-1237.	2.8	102
21	Brain-type creatine kinase has a crucial role in osteoclast-mediated bone resorption. <i>Nature Medicine</i> , 2008, 14, 966-972.	30.7	99
22	RGD peptides released from Î²ig-h3, a TGF-Î²-induced cell-adhesive molecule, mediate apoptosis. <i>Oncogene</i> , 2003, 22, 2045-2053.	5.9	95
23	Targeting Bladder Tumor Cells In vivo and in the Urine with a Peptide Identified by Phage Display. <i>Molecular Cancer Research</i> , 2007, 5, 11-19.	3.4	90
24	Runx2 Protein Stabilizes Hypoxia-inducible Factor-1Î± through Competition with von Hippel-Lindau Protein (pVHL) and Stimulates Angiogenesis in Growth Plate Hypertrophic Chondrocytes. <i>Journal of Biological Chemistry</i> , 2012, 287, 14760-14771.	3.4	87
25	Beta ig-h3 promotes renal proximal tubular epithelial cell adhesion, migration and proliferation through the interaction with Î±3Î²1 integrin. <i>Experimental and Molecular Medicine</i> , 2004, 36, 211-219.	7.7	81
26	The bone-related Zn finger transcription factor Osterix promotes proliferation of mesenchymal cells. <i>Gene</i> , 2006, 366, 145-151.	2.2	77
27	Novel porous matrix of hyaluronic acid for the three-dimensional culture of chondrocytes. <i>International Journal of Pharmaceutics</i> , 2009, 369, 114-120.	5.2	77
28	Evolutionarily adapted hormesis-inducing stressors can be a practical solution to mitigate harmful effects of chronic exposure to low dose chemical mixtures. <i>Environmental Pollution</i> , 2018, 233, 725-734.	7.5	76
29	Crystal Structure of the Nuclear Matrix Targeting Signal of the Transcription Factor Acute Myelogenous Leukemia-1/Polyoma Enhancer-binding Protein 2Î±B/Core Binding Factor 1Î±2. <i>Journal of Biological Chemistry</i> , 1999, 274, 33580-33586.	3.4	73
30	Differential Expression Patterns of Runx2 Isoforms in Cranial Suture Morphogenesis. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 885-892.	2.8	71
31	Restoration of peri-implant defects in immediate implant installations by Choukroun platelet-rich fibrin and silk fibroin powder combination graft. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, 831-836.	1.4	69
32	Molecular properties of wild-type and mutant betaIG-H3 proteins. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 656-61.	3.3	63
33	Cellular biocompatibility and stimulatory effects of calcium metaphosphate on osteoblastic differentiation of human bone marrow-derived stromal cells. <i>Biomaterials</i> , 2004, 25, 3403-3411.	11.4	62
34	Expression of Runx2 transcription factor in nonâ€skeletal tissues, sperm and brain. <i>Journal of Cellular Physiology</i> , 2008, 217, 511-517.	4.1	60
35	Expression of TGF-Î²â€induced matrix protein Î²ig-h3 is up-regulated in the diabetic rat kidney and human proximal tubular epithelial cells treated with high glucose. <i>Kidney International</i> , 2003, 64, 1012-1021.	5.2	59
36	Interaction of Fas Ligand and Fas Expressed on Osteoclast Precursors Increases Osteoclastogenesis. <i>Journal of Immunology</i> , 2005, 175, 7193-7201.	0.8	59

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37	Differential Gene Expression of Periodontal Ligament Cells After Loading of Static Compressive Force. <i>Journal of Periodontology</i> , 2007, 78, 446-452.	3.4	59
38	Development of Nano-Hydroxyapatite Graft With Silk Fibroin Scaffold as a New Bone Substitute. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 1578-1586.	1.2	58
39	Activation of the bone-related Runx2/Cbfa1 promoter in mesenchymal condensations and developing chondrocytes of the axial skeleton. <i>Mechanisms of Development</i> , 2002, 114, 167-170.	1.7	55
40	Pyruvate Dehydrogenase Kinase 4 Promotes Vascular Calcification via SMAD1/5/8 Phosphorylation. <i>Scientific Reports</i> , 2015, 5, 16577.	3.3	55
41	Four novel RUNX2 mutations including a splice donor site result in the cleidocranial dysplasia phenotype. <i>Journal of Cellular Physiology</i> , 2006, 207, 114-122.	4.1	50
42	Thioredoxin-Interacting Protein Regulates Hematopoietic Stem Cell Quiescence and Mobilization under Stress Conditions. <i>Journal of Immunology</i> , 2009, 183, 2495-2505.	0.8	49
43	Role of Interleukin-10 in Endochondral Bone Formation in Mice: Anabolic Effect via the Bone Morphogenetic Protein/Smad Pathway. <i>Arthritis and Rheumatism</i> , 2013, 65, 3153-3164.	6.7	45
44	Low molecular weight silk fibroin increases alkaline phosphatase and type I collagen expression in MG63 cells. <i>BMB Reports</i> , 2010, 43, 52-56.	2.4	45
45	Hydroxyapatite and Collagen Combination-Coated Dental Implants Display Better Bone Formation in the Peri-Implant Area Than the Same Combination Plus Bone Morphogenetic Protein-2-Coated Implants, Hydroxyapatite Only Coated Implants, and Uncoated Implants. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 53-60.	1.2	44
46	Analysis of the Runx2 promoter in osseous and non-osseous cells and identification of HIF2A as a potent transcription activator. <i>Gene</i> , 2008, 416, 53-60.	2.2	43
47	Functional Cooperation between Vitamin D Receptor and Runx2 in Vitamin D-Induced Vascular Calcification. <i>PLoS ONE</i> , 2013, 8, e83584.	2.5	43
48	A combination graft of low-molecular-weight silk fibroin with Choukroun platelet-rich fibrin for rabbit calvarial defect. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e33-e38.	1.4	42
49	Inhibition of foreign body giant cell formation by 4-hexylresorcinol through suppression of diacylglycerol kinase delta gene expression. <i>Biomaterials</i> , 2014, 35, 8576-8584.	11.4	42
50	Biological activities of osteoblasts on poly(methyl methacrylate)/silica hybrid containing calcium salt. <i>Biomaterials</i> , 2003, 24, 901-906.	11.4	41
51	Restoration of a peri-implant defect by platelet-rich fibrin. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 113, 459-463.	0.4	41
52	Controlling hypoxia-inducible factor-2 is critical for maintaining bone homeostasis in mice. <i>Bone Research</i> , 2019, 7, 14.	11.4	40
53	Differential gene expression analysis using paraffin-embedded tissues after laser microdissection. <i>Journal of Cellular Biochemistry</i> , 2003, 90, 998-1006.	2.6	39
54	Proteomic profile of osteoclast membrane proteins: Identification of Na/H exchanger domain containing 2 and its role in osteoclast fusion. <i>Proteomics</i> , 2008, 8, 2625-2639.	2.2	39

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55	Furosin, an ellagitannin, suppresses RANKL-induced osteoclast differentiation and function through inhibition of MAP kinase activation and actin ring formation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 1472-1480.	2.1	38
56	Ucma, a direct transcriptional target of Runx2 and Osterix, promotes osteoblast differentiation and nodule formation. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1421-1431.	1.3	38
57	Vascular expression of the chemokine CX3CL1 promotes osteoclast recruitment and exacerbates bone resorption in an irradiated murine model. <i>Bone</i> , 2014, 61, 91-101.	2.9	36
58	Accelerated biodegradation of silk sutures through matrix metalloproteinase activation by incorporating 4-hexylresorcinol. <i>Scientific Reports</i> , 2017, 7, 42441.	3.3	36
59	4-Hexylresorcinol and silk sericin increase the expression of vascular endothelial growth factor via different pathways. <i>Scientific Reports</i> , 2019, 9, 3448.	3.3	36
60	TGF α 2 stimulates cranial suture closure through activation of the Erk-MAPK pathway. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 981-991.	2.6	34
61	DICAM inhibits osteoclast differentiation through attenuation of the integrin α 3 pathway. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 2024-2034.	2.8	34
62	Core Binding Factor β of Osteoblasts Maintains Cortical Bone Mass via Stabilization of Runx2 in Mice. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 715-722.	2.8	34
63	Nuclear microenvironments support assembly and organization of the transcriptional regulatory machinery for cell proliferation and differentiation. <i>Journal of Cellular Biochemistry</i> , 2004, 91, 287-302.	2.6	33
64	Early growth response 2 negatively modulates osteoclast differentiation through upregulation of Id helix-loop-helix proteins. <i>Bone</i> , 2012, 51, 643-650.	2.9	33
65	DICAM, a novel dual immunoglobulin domain containing cell adhesion molecule interacts with α 3 integrin. <i>Journal of Cellular Physiology</i> , 2008, 216, 603-614.	4.1	32
66	An acidic pH environment increases cell death and pro-inflammatory cytokine release in osteoblasts: The involvement of BAX Inhibitor-1. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1305-1317.	2.8	32
67	DICAM inhibits angiogenesis via suppression of AKT and p38 MAP kinase signalling. <i>Cardiovascular Research</i> , 2013, 98, 73-82.	3.8	32
68	The Gene for Aromatase, a Rate-Limiting Enzyme for Local Estrogen Biosynthesis, Is a Downstream Target Gene of Runx2 in Skeletal Tissues. <i>Molecular and Cellular Biology</i> , 2010, 30, 2365-2375.	2.3	31
69	4-hexylresorcinol inhibits NF- κ B phosphorylation and has a synergistic effect with cisplatin in KB cells. <i>Oncology Reports</i> , 2011, 26, 1527-32.	2.6	30
70	Pin1-mediated Runx2 modification is critical for skeletal development. <i>Journal of Cellular Physiology</i> , 2013, 228, 2377-2385.	4.1	30
71	Aerosol Deposition of Hydroxyapatite and 4-Hexylresorcinol Coatings on Titanium Alloys for Dental Implants. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, e354-e363.	1.2	29
72	Topical delivery of 4-hexylresorcinol promotes wound healing via tumor necrosis factor- α suppression. <i>Burns</i> , 2016, 42, 1534-1541.	1.9	29

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73	Increased Level of Vascular Endothelial Growth Factors by 4-hexylresorcinol is Mediated by Transforming Growth Factor- β 1 and Accelerates Capillary Regeneration in the Burns in Diabetic Animals. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3473.	4.1	28
74	Intranuclear Trafficking: Organization and Assembly of Regulatory Machinery for Combinatorial Biological Control. <i>Journal of Biological Chemistry</i> , 2004, 279, 43363-43366.	3.4	27
75	Mst2 Controls Bone Homeostasis by Regulating Osteoclast and Osteoblast Differentiation. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1597-1607.	2.8	26
76	Core Binding Factor β 2 Plays a Critical Role During Chondrocyte Differentiation. <i>Journal of Cellular Physiology</i> , 2016, 231, 162-171.	4.1	25
77	Bone regeneration is associated with the concentration of tumour necrosis factor- α induced by sericin released from a silk mat. <i>Scientific Reports</i> , 2017, 7, 15589.	3.3	25
78	Topically administered Risedronate shows powerful anti-osteoporosis effect in ovariectomized mouse model. <i>Bone</i> , 2012, 50, 149-155.	2.9	24
79	Static tensional forces increase osteogenic gene expression in three-dimensional periodontal ligament cell culture. <i>BMB Reports</i> , 2009, 42, 427-432.	2.4	24
80	Okadaic acid stimulates osteopontin expression through de novo induction of AP-1. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 93-102.	2.6	23
81	Establishment and characterization of a stable cell line to evaluate cellular Runx2 activity. <i>Journal of Cellular Biochemistry</i> , 2004, 91, 1239-1247.	2.6	23
82	Inhibition of bone healing by pamidronate in calvarial bony defects. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 103, 321-328.	1.4	23
83	Combination of Runx2 and BMP2 increases conversion of human ligamentum flavum cells into osteoblastic cells. <i>BMB Reports</i> , 2011, 44, 446-451.	2.4	22
84	Organization of transcriptional regulatory machinery in nuclear microenvironments: Implications for biological control and cancer. <i>Advances in Enzyme Regulation</i> , 2007, 47, 242-250.	2.6	21
85	A novel PPAR β agonist, KR62776, suppresses RANKL-induced osteoclast differentiation and activity by inhibiting MAP kinase pathways. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 645-649.	2.1	21
86	Transcription factor-mediated epigenetic regulation of cell growth and phenotype for biological control and cancer. <i>Advances in Enzyme Regulation</i> , 2010, 50, 160-167.	2.6	21
87	Silver nanoparticles induce apoptosis through the Toll-like receptor 2 pathway. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 113, 789-798.	0.4	21
88	TGF- β -induced protein β ig-h3 is upregulated by high glucose in vascular smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 774-782.	2.6	20
89	Inhibitory Effect of Purpurogallin on Osteoclast Differentiation in Vitro through the Downregulation of c-Fos and NFATc1. <i>International Journal of Molecular Sciences</i> , 2018, 19, 601.	4.1	20
90	Transforming Growth Factor- β 3 Gene SfaN1 Polymorphism in Korean Nonsyndromic Cleft Lip and Palate Patients. <i>BMB Reports</i> , 2003, 36, 533-537.	2.4	20

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91	Downregulation of matrix metalloproteinases in hyperplastic dental follicles results in abnormal tooth eruption. <i>BMB Reports</i> , 2008, 41, 322-327.	2.4	20
92	Bone-related gene profiles in developing calvaria. <i>Gene</i> , 2006, 372, 71-81.	2.2	19
93	4-Hexylresorcinol inhibits transglutaminase-2 activity and has synergistic effects along with cisplatin in KB cells. <i>Oncology Reports</i> , 2011, 25, 1597-602.	2.6	19
94	Genetic and epigenetic regulation in nuclear microenvironments for biological control in cancer. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 2016-2026.	2.6	18
95	4-hexylresorcinol stimulates the differentiation of SCC-9 cells through the suppression of E2F2, E2F3 and Sp3 expression and the promotion of Sp1 expression. <i>Oncology Reports</i> , 2012, 28, 677-681.	2.6	18
96	PDK2 Deficiency Prevents Ovariectomy-Induced Bone Loss in Mice by Regulating the RANKL-NFATc1 Pathway During Osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 553-566.	2.8	17
97	Interrelationship of Runx2 and estrogen pathway in skeletal tissues. <i>BMB Reports</i> , 2011, 44, 613-618.	2.4	17
98	Gene expression profile of human chondrocyte HCS-2/8 cell line by EST sequencing analysis. <i>Gene</i> , 2004, 330, 85-92.	2.2	16
99	The differential expression pattern of BMP-4 between the dentigerous cyst and the odontogenic keratocyst. <i>Journal of Oral Pathology and Medicine</i> , 2005, 34, 178-183.	2.7	16
100	The tyrosine kinase inhibitor GNF-2 suppresses osteoclast formation and activity. <i>Journal of Leukocyte Biology</i> , 2013, 95, 337-345.	3.3	16
101	In vivo bone regeneration ability of different layers of natural silk cocoon processed using an eco-friendly method. <i>Macromolecular Research</i> , 2017, 25, 806-816.	2.4	16
102	Dicam promotes proliferation and maturation of chondrocyte through Indian hedgehog signaling in primary cilia. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 945-953.	1.3	16
103	Expression of bone morphogenic protein-4 is inversely related to prevalence of lymph node metastasis in gastric adenocarcinoma. <i>Surgery Today</i> , 2011, 41, 688-692.	1.5	15
104	Histomorphometric analysis of sinus augmentation using bovine bone mineral with two different resorbable membranes. <i>Clinical Oral Implants Research</i> , 2013, 24, 68-74.	4.5	15
105	Defect in Runx2 gene accelerates ureteral obstruction-induced kidney fibrosis via increased TGF- β 2 signaling pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1520-1527.	3.8	15
106	6,4-Dihydroxy-7-methoxyflavanone Inhibits Osteoclast Differentiation and Function. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 796-801.	1.4	15
107	4-hexylresorcinol exerts antitumor effects via suppression of calcium oscillation and its antitumor effects are inhibited by calcium channel blockers. <i>Oncology Reports</i> , 2013, 29, 1835-1840.	2.6	15
108	Skeletal analysis and differential gene expression in Runx2/Osterix double heterozygous embryos. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 442-448.	2.1	15

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109	Porcine Bone Incorporated With 4-Hexylresorcinol Increases New Bone Formation by Suppression of the Nuclear Factor Kappa B Signaling Pathway. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1983-1990.	0.7	15
110	4-Hexylresorcinol Inhibits Class I Histone Deacetylases in Human Umbilical Cord Endothelial Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3486.	2.5	15
111	AMD3100 improves ovariectomy-induced osteoporosis in mice by facilitating mobilization of hematopoietic stem/progenitor cells. <i>BMB Reports</i> , 2014, 47, 439-444.	2.4	15
112	Electrodeless Reverse Electrodialysis Patches as an Ionic Power Source for Active Transdermal Drug Delivery. <i>Advanced Functional Materials</i> , 2018, 28, 1705952.	14.9	14
113	Cleidocranial Dysplasia with Normal Clavicles: A Report of a Novel Genotype and a Review of Seven Previous Cases. <i>Molecular Syndromology</i> , 2015, 6, 83-86.	0.8	13
114	Reconstruction of radial bone defect using gelatin sponge and a BMP-2 combination graft. <i>BMB Reports</i> , 2013, 46, 328-333.	2.4	13
115	Leptin Gene Expression and Serum Leptin Levels in Zinc Deficiency: Implications for Appetite Regulation in Rats. <i>Journal of Medicinal Food</i> , 2003, 6, 281-289.	1.5	12
116	The cleidocranial dysplasia-related R131G mutation in the Runt-related transcription factor RUNX2 disrupts binding to DNA but not CBF-1. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 97-103.	2.6	12
117	4-Hexylresorcinol Exhibits Different Characteristics to Estrogen. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1737.	2.5	12
118	The effectiveness of vitamin D supplementation in functional outcome and quality of life (QoL) of lumbar spinal stenosis (LSS) requiring surgery. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 117.	2.3	12
119	Effects of 4-Hexylresorcinol on Craniofacial Growth in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8935.	4.1	11
120	Increased Expression of TGF- β 1 by 4-hexylresorcinol Is Mediated by Endoplasmic Reticulum and Mitochondrial Stress in Human Umbilical Endothelial Vein Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9128.	2.5	11
121	Receptor activator of nuclear factor-kappaB is induced by a rottlerin-sensitive and p38 MAP kinase-dependent pathway during monocyte differentiation. <i>Molecules and Cells</i> , 2004, 17, 438-45.	2.6	11
122	Cartilage-Specific and Cre-Dependent Nkx3.2 Overexpression In Vivo Causes Skeletal Dwarfism by Delaying Cartilage Hypertrophy. <i>Journal of Cellular Physiology</i> , 2017, 232, 78-90.	4.1	10
123	Skeletal muscle mitochondrial defects are linked to low bone mass caused by bone marrow inflammation in male mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1785-1799.	7.3	10
124	Combinatorial organization of the transcriptional regulatory machinery in biological control and cancer. <i>Advances in Enzyme Regulation</i> , 2005, 45, 136-154.	2.6	9
125	Physcion-glucopyranoside enhances the commitment of mouse mesenchymal progenitors into osteoblasts and their differentiation: Possible involvement of signaling pathways to activate BMP gene expression. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 1148-1157.	2.6	9
126	A novel method to detect articular chondrocyte death during early stages of osteoarthritis using a non-invasive ApoPep-1 probe. <i>Arthritis Research and Therapy</i> , 2015, 17, 309.	3.5	9

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127	Phosphorylation of CKBBP2/CRIF1 by protein kinase CKII promotes cell proliferation. <i>Gene</i> , 2007, 386, 147-153.	2.2	8
128	G protein-coupled receptor 119 is involved in RANKL-induced osteoclast differentiation and fusion. <i>Journal of Cellular Physiology</i> , 2019, 234, 11490-11499.	4.1	8
129	Nuclear microenvironments: an architectural platform for the convergence and integration of transcriptional regulatory signals. <i>European Journal of Histochemistry</i> , 2004, 48, 65-76.	1.5	8
130	Osteoblast-specific expression of MEF induces osteopenia through downregulation of osteoblastogenesis and upregulation of osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 341-350.	2.8	7
131	Inhibitory effects of obovatol on osteoclast differentiation and bone resorption. <i>European Journal of Pharmacology</i> , 2014, 723, 473-480.	3.5	7
132	Carbon plate shows even distribution of stress, decreases screw loosening, and increases recovery of preoperative daily feed intake amount in a rabbit model of mandibular continuity defects. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, e245-e251.	1.7	7
133	Mesenchymal signaling in dorsoventral differentiation of palatal epithelium. <i>Cell and Tissue Research</i> , 2015, 362, 541-556.	2.9	7
134	Septal chondrocyte hypertrophy contributes to midface deformity in a mouse model of Apert syndrome. <i>Scientific Reports</i> , 2021, 11, 7979.	3.3	6
135	Deletion of phospholipase D1 decreases bone mass and increases fat mass via modulation of Runx2, β -catenin-osteoprotegerin, PPAR- β and C/EBP β signaling axis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166084.	3.8	6
136	Stimulation of fibronectin synthesis through the protein kinase c signaling pathway in normal and transformed human lung fibroblasts. <i>IUBMB Life</i> , 1996, 39, 895-904.	3.4	5
137	Transforming growth factor- β and oral fibroma: immunohistochemical and in situ hybridization study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2003, 61, 1449-1454.	1.2	5
138	Organization, Integration, and Assembly of Genetic and Epigenetic Regulatory Machinery in Nuclear Microenvironments. <i>Annals of the New York Academy of Sciences</i> , 2009, 1155, 4-14.	3.8	5
139	Recapitulating orthotopic tumor model through establishment of a parotid gland tumor with lung metastasis using HeLa cell injection into nude mice. <i>Oncology Reports</i> , 2010, 23, 701-8.	2.6	5
140	Alternative Splicing of Human Height-Related Zinc Finger and BTB Domain-Containing 38 Gene Through Alu Exonization. <i>Biochemical Genetics</i> , 2011, 49, 283-291.	1.7	5
141	Healthy bone tissue homeostasis. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1165-1165.	7.7	5
142	Oleylethanolamide Exhibits GPR119-Dependent Inhibition of Osteoclast Function and GPR119-Independent Promotion of Osteoclast Apoptosis. <i>Molecules and Cells</i> , 2020, 43, 340-349.	2.6	5
143	Excessive osteoclast activation by osteoblast paracrine factor RANKL is a major cause of the abnormal long bone phenotype in Apert syndrome model mice. <i>Journal of Cellular Physiology</i> , 2022, , .	4.1	5
144	Hypoxia-inducible factor 2 β is a novel inhibitor of chondrocyte maturation. <i>Journal of Cellular Physiology</i> , 2021, 236, 6963-6973.	4.1	4

#	ARTICLE	IF	CITATIONS
145	Differential expression of the metastasis suppressor KAI1 in decidual cells and trophoblast giant cells at the fetomaternal interface. <i>BMB Reports</i> , 2013, 46, 507-512.	2.4	4
146	A histomorphometric study of cellular layers after hemiepiphyseal stapling on the physal plate in rabbits. <i>Journal of Orthopaedic Science</i> , 2013, 18, 152-158.	1.1	3
147	A Novel Human PTH Analog [Cys25]hPTH(1-34) Restores Bone Mass in Ovariectomized Mice. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3700-3708.	3.6	3
148	The estrogen-related receptor β modulator, GSK5182, inhibits osteoclast differentiation and accelerates osteoclast apoptosis. <i>BMB Reports</i> , 2021, 54, 266-271.	2.4	3
149	Repressive effects of red bean, <i>Phaseolus angularis</i> , extracts on obesity of mouse induced with high-fat diet via downregulation of adipocyte differentiation and modulating lipid metabolism. <i>Food Science and Biotechnology</i> , 2018, 27, 1811-1821.	2.6	2
150	Expression patterns of bone-related proteins during osteoblastic differentiation in MC3T3-E1 cells. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 609-618.	2.6	2
151	Inhibition of TP53 Mutant Oral Cancer by Reactivating p53. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5921.	2.5	2
152	Okadaic acid increases fibronectin synthesis in MC353-E1 cells. <i>IUBMB Life</i> , 1996, 39, 871-876.	3.4	1
153	The Effects of Combination Therapy of Cathepsin K Inhibitor and PTH on Change in Bone Mineral Density in an Animal Model of Osteoporosis. <i>Endocrinology and Metabolism</i> , 2011, 26, 303.	3.0	1
154	DICAM Inhibits Activation of Macrophage by Lipopolysaccharide. <i>Journal of Rheumatic Diseases</i> , 2012, 19, 196.	1.1	1
155	N-(4-benzoyl-1-piperazinyl)phenyl-2-(4-chlorophenoxy) acetamide is a novel inhibitor of resorptive bone loss in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1425-1438.	3.6	1
156	Response: The Effects of Combination Therapy of Cathepsin K Inhibitor and PTH on Change in Bone Mineral Density in an Animal Model of Osteoporosis. <i>Endocrinology and Metabolism</i> , 2012, 27, 107.	3.0	0
157	Drug Delivery: Electrodeless Reverse Electrodialysis Patches as an Ionic Power Source for Active Transdermal Drug Delivery (<i>Adv. Funct. Mater.</i> 15/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870100.	14.9	0
158	Bone/Vascular Calcification: Signal Transduction Pathway and Calcification Related Genes. <i>Journal of Korean Endocrine Society</i> , 2005, 20, 597.	0.1	0