Toshihisa Komori

List of Publications by Year
in descending order

151	16,407	18482 62	15732 125
papers	citations	h-index	g-index

155	155	155	15915
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of osteoblast differentiation by transcription factors. Journal of Cellular Biochemistry, 2006, 99, 1233-1239.	2.6	851
2	Runx2 Is a Common Target of Transforming Growth Factor Î²1 and Bone Morphogenetic Protein 2, and Cooperation between Runx2 and Smad5 Induces Osteoblast-Specific Gene Expression in the Pluripotent Mesenchymal Precursor Cell Line C2C12. Molecular and Cellular Biology, 2000, 20, 8783-8792.	2.3	823
3	Differential Requirements for Runx Proteins in CD4 Repression and Epigenetic Silencing during T Lymphocyte Development. Cell, 2002, 111, 621-633.	28.9	672
4	Regulation of bone development and extracellular matrix protein genes by RUNX2. Cell and Tissue Research, 2010, 339, 189-195.	2.9	646
5	Regulation of Osteoblast Differentiation Mediated by Bone Morphogenetic Proteins, Hedgehogs, and Cbfa1. Endocrine Reviews, 2000, 21, 393-411.	20.1	572
6	Maturational disturbance of chondrocytes inCbfa1-deficient mice. Developmental Dynamics, 1999, 214, 279-290.	1.8	525
7	Runx2 and Runx3 are essential for chondrocyte maturation, and Runx2 regulates limb growth through induction of Indian hedgehog. Genes and Development, 2004, 18, 952-963.	5.9	521
8	Regulation of Proliferation, Differentiation and Functions of Osteoblasts by Runx2. International Journal of Molecular Sciences, 2019, 20, 1694.	4.1	444
9	Overexpression of Cbfa1 in osteoblasts inhibits osteoblast maturation and causes osteopenia with multiple fractures. Journal of Cell Biology, 2001, 155, 157-166.	5.2	412
10	Cbfa1 Isoforms Exert Functional Differences in Osteoblast Differentiation. Journal of Biological Chemistry, 1999, 274, 6972-6978.	3.4	408
11	Runx2 induces osteoblast and chondrocyte differentiation and enhances their migration by coupling with PI3K-Akt signaling. Journal of Cell Biology, 2004, 166, 85-95.	5.2	379
12	Regulation of Osteoblast Differentiation by Runx2. Advances in Experimental Medicine and Biology, 2009, 658, 43-49.	1.6	370
13	Cbfa1 Is a Positive Regulatory Factor in Chondrocyte Maturation. Journal of Biological Chemistry, 2000, 275, 8695-8702.	3.4	356
14	Skeletal Malformations Caused by Overexpression of Cbfa1 or Its Dominant Negative Form in Chondrocytes. Journal of Cell Biology, 2001, 153, 87-100.	5.2	347
15	Runx2, an inducer of osteoblast and chondrocyte differentiation. Histochemistry and Cell Biology, 2018, 149, 313-323.	1.7	324
16	Developmental Regulation of Wnt/Î²-Catenin Signals Is Required for Growth Plate Assembly, Cartilage Integrity, and Endochondral Ossification. Journal of Biological Chemistry, 2005, 280, 19185-19195.	3.4	295
17	Regulation of skeletal development by the Runx family of transcription factors. Journal of Cellular Biochemistry, 2005, 95, 445-453.	2.6	291
18	Collagenase 3 Is a Target of Cbfa1, a Transcription Factor of the runt Gene Family Involved in Bone Formation. Molecular and Cellular Biology, 1999, 19, 4431-4442.	2.3	290

#	Article	IF	Citations
19	Contribution of runt-related transcription factor 2 to the pathogenesis of osteoarthritis in mice after induction of knee joint instability. Arthritis and Rheumatism, 2006, 54, 2462-2470.	6.7	288
20	Signaling networks in RUNX2â€dependent bone development. Journal of Cellular Biochemistry, 2011, 112, 750-755.	2.6	279
21	Runx2, A multifunctional transcription factor in skeletal development. Journal of Cellular Biochemistry, 2002, 87, 1-8.	2.6	274
22	Core-binding factor Î² interacts with Runx2 and is required for skeletal development. Nature Genetics, 2002, 32, 633-638.	21.4	268
23	Transcriptional regulation of osteopontin gene in vivo by PEBP2Î±A/CBFA1 and ETS1 in the skeletal tissues. Oncogene, 1998, 17, 1517-1525.	5.9	263
24	Animal models for osteoporosis. European Journal of Pharmacology, 2015, 759, 287-294.	3.5	220
25	Regulation of bone development and maintenance by Runx2. Frontiers in Bioscience - Landmark, 2008, 13, 898.	3.0	204
26	Runx2 determines bone maturity and turnover rate in postnatal bone development and is involved in bone loss in estrogen deficiency. Developmental Dynamics, 2007, 236, 1876-1890.	1.8	196
27	The Wnt Antagonist Frzb-1 Regulates Chondrocyte Maturation and Long Bone Development during Limb Skeletogenesis. Developmental Biology, 2002, 251, 142-156.	2.0	179
28	Reciprocal Roles of Msx2 in Regulation of Osteoblast and Adipocyte Differentiation. Journal of Biological Chemistry, 2004, 279, 34015-34022.	3.4	170
29	Requisite roles of Runx2 and Cbfb in skeletal development. Journal of Bone and Mineral Metabolism, 2003, 21, 193-7.	2.7	158
30	Functions of Osteocalcin in Bone, Pancreas, Testis, and Muscle. International Journal of Molecular Sciences, 2020, 21, 7513.	4.1	147
31	Induction of Osteoclast Differentiation by Runx2 through Receptor Activator of Nuclear Factor-ÎºB Ligand (RANKL) and Osteoprotegerin Regulation and Partial Rescue of Osteoclastogenesis in Runx2â€"/â€" Mice by RANKL Transgene. Journal of Biological Chemistry, 2003, 278, 23971-23977.	3.4	145
32	Multilineage Differentiation of Cbfa1-Deficient Calvarial Cells in Vitro. Biochemical and Biophysical Research Communications, 2000, 273, 630-636.	2.1	140
33	Roles of Runx2 in Skeletal Development. Advances in Experimental Medicine and Biology, 2017, 962, 83-93.	1.6	138
34	Ossifying fibroma vs fibrous dysplasia of the jaw: molecular and immunological characterization. Modern Pathology, 2007, 20, 389-396.	5.5	132
35	Runx2 deficiency in chondrocytes causes adipogenic changes in vitro. Journal of Cell Science, 2004, 117, 417-425.	2.0	131
36	Potential Role of Cbfa1, an Essential Transcriptional Factor for Osteoblast Differentiation, in Osteoclastogenesis: Regulation of mRNA Expression ofOsteoclast Differentiation Factor(ODF). Biochemical and Biophysical Research Communications, 1998, 252, 697-702.	2.1	127

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37	Cell Death in Chondrocytes, Osteoblasts, and Osteocytes. International Journal of Molecular Sciences, 2016, 17, 2045.	4.1	126
38	Runx2 is required for the proliferation of osteoblast progenitors and induces proliferation by regulating Fgfr2 and Fgfr3. Scientific Reports, 2018, 8, 13551.	3.3	124
39	Menin Is Required for Bone Morphogenetic Protein 2- and Transforming Growth Factor Î²-regulated Osteoblastic Differentiation through Interaction with Smads and Runx2. Journal of Biological Chemistry, 2004, 279, 40267-40275.	3.4	122
40	Osteocalcin is necessary for the alignment of apatite crystallites, but not glucose metabolism, testosterone synthesis, or muscle mass. PLoS Genetics, 2020, 16, e1008586.	3.5	119
41	BMPâ€2 promotes differentiation of osteoblasts and chondroblasts in Runx2â€deficient cell lines. Journal of Cellular Physiology, 2007, 211, 728-735.	4.1	114
42	Transcription factor ERG and joint and articular cartilage formation during mouse limb and spine skeletogenesis. Developmental Biology, 2007, 305, 40-51.	2.0	108
43	Cbfa1 in bone development. Current Opinion in Genetics and Development, 1998, 8, 494-499.	3.3	105
44	Tensile Stress Induces Bone Morphogenetic Protein 4 in Preosteoblastic and Fibroblastic Cells, Which Later Differentiate into Osteoblasts Leading to Osteogenesis in the Mouse Calvariae in Organ Culture. Journal of Bone and Mineral Research, 2001, 16, 24-32.	2.8	104
45	A regulatory cascade involving retinoic acid, Cbfa1, and matrix metalloproteinases is coupled to the development of a process of perichondrial invasion and osteogenic differentiation during bone formation. Journal of Cell Biology, 2001, 155, 1333-1344.	5.2	102
46	Mammalian Polycomb-mediated repression of Hox genes requires the essential spliceosomal protein Sf3b1. Genes and Development, 2005, 19, 536-541.	5.9	102
47	Inhibition of the terminal differentiation of odontoblasts and their transdifferentiation into osteoblasts in Runx2 transgenic mice. Archives of Histology and Cytology, 2008, 71, 131-146.	0.2	94
48	Dlx5 and Mef2 Regulate a Novel Runx2 Enhancer for Osteoblast-Specific Expression. Journal of Bone and Mineral Research, 2014, 29, 1960-1969.	2.8	94
49	Akt regulates skeletal development through GSK3, mTOR, and FoxOs. Developmental Biology, 2009, 328, 78-93.	2.0	92
50	Molecular Mechanism of Runx2-Dependent Bone Development. Molecules and Cells, 2020, 43, 168-175.	2.6	87
51	Functions of the osteocyte network in the regulation of bone mass. Cell and Tissue Research, 2013, 352, 191-198.	2.9	85
52	Osteocyte Network; a Negative Regulatory System for Bone Mass Augmented by the Induction of Rankl in Osteoblasts and Sost in Osteocytes at Unloading. PLoS ONE, 2012, 7, e40143.	2.5	81
53	Runx2 induces acute myeloid leukemia in cooperation with Cbfî²-SMMHC in mice. Blood, 2009, 113, 3323-3332.	1.4	74
54	SP7 Inhibits Osteoblast Differentiation at a Late Stage in Mice. PLoS ONE, 2012, 7, e32364.	2.5	73

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55	Double Deficiency of Tetraspanins CD9 and CD81 Alters Cell Motility and Protease Production of Macrophages and Causes Chronic Obstructive Pulmonary Disease-like Phenotype in Mice. Journal of Biological Chemistry, 2008, 283, 26089-26097.	3.4	71
56	Requirement for Runx Proteins in IgA Class Switching Acting Downstream of TGF-Î²1 and Retinoic Acid Signaling. Journal of Immunology, 2010, 184, 2785-2792.	0.8	71
57	Parathyroid Hormone-responsive Smad3-related Factor, Tmem119, Promotes Osteoblast Differentiation and Interacts with the Bone Morphogenetic Protein-Runx2 Pathway. Journal of Biological Chemistry, 2011, 286, 9787-9796.	3.4	71
58	Calcium/calmodulin-signaling supports TRPV4 activation in osteoclasts and regulates bone mass. Journal of Bone and Mineral Research, 2012, 27, 1708-1721.	2.8	71
59	Autophagy-Related Protein 7 Deficiency in Amyloid Î² (AÎ²) Precursor Protein Transgenic Mice Decreases AÎ² in the Multivesicular Bodies and Induces AÎ² Accumulation in the Golgi. American Journal of Pathology, 2015, 185, 305-313.	3.8	70
60	Negative Regulation of Bone Morphogenetic Protein/Smad Signaling by Cas-interacting Zinc Finger Protein in Osteoblasts. Journal of Biological Chemistry, 2002, 277, 29840-29846.	3.4	67
61	CbfÎ² regulates Runx2 function isoform-dependently in postnatal bone development. Developmental Biology, 2006, 296, 48-61.	2.0	66
62	Runx2 Represses Myocardin-Mediated Differentiation and Facilitates Osteogenic Conversion of Vascular Smooth Muscle Cells. Molecular and Cellular Biology, 2008, 28, 1147-1160.	2.3	66
63	Cbfb Regulates Bone Development by Stabilizing Runx Family Proteins. Journal of Bone and Mineral Research, 2015, 30, 706-714.	2.8	65
64	Runx2 regulates cranial suture closure by inducing hedgehog, Fgf, Wnt and Pthlh signaling pathway gene expressions in suture mesenchymal cells. Human Molecular Genetics, 2019, 28, 896-911.	2.9	64
65	Runx2 is essential for the transdifferentiation of chondrocytes into osteoblasts. PLoS Genetics, 2020, 16, e1009169.	3.5	64
66	The role of short homology repeats and TdT in generation of the invariant Î³Î´ antigen receptor repertoire in the fetal thymus. Immunity, 1995, 3, 439-447.	14.3	61
67	Impairment of Bone Healing by Insulin Receptor Substrate-1 Deficiency. Journal of Biological Chemistry, 2004, 279, 15314-15322.	3.4	61
68	Excessive Extramedullary Hematopoiesis in Cbfa1-Deficient Mice with a Congenital Lack of Bone Marrow. Biochemical and Biophysical Research Communications, 1999, 255, 352-359.	2.1	56
69	A Fundamental Transcription Factor for Bone and Cartilage. Biochemical and Biophysical Research Communications, 2000, 276, 813-816.	2.1	54
70	Early onset of Runx2 expression caused craniosynostosis, ectopic bone formation, and limb defects. Bone, 2011, 49, 673-682.	2.9	54
71	What is the function of osteocalcin?. Journal of Oral Biosciences, 2020, 62, 223-227.	2.2	53
72	Whole Aspect of Runx2 Functions in Skeletal Development. International Journal of Molecular Sciences, 2022, 23, 5776.	4.1	53

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73	Dexamethasone inhibits insulinâ€induced chondrogenesis of ATDC5 cells by preventing PI3Kâ€Akt signaling and DNA binding of Runx2. Journal of Cellular Biochemistry, 2004, 93, 374-383.	2.6	52
74	Smad2 Overexpression Enhances Smad4 Gene Expression and Suppresses CBFA1 Gene Expression in Osteoblastic Osteosarcoma ROS17/2.8 Cells and Primary Rat Calvaria Cells. Journal of Biological Chemistry, 1998, 273, 31009-31015.	3.4	50
75	Delayed tooth eruption and suppressed osteoclast number in the eruption pathway of heterozygous Runx2/Cbfa1 knockout mice. Archives of Oral Biology, 2004, 49, 435-442.	1.8	50
76	Overexpression of Bcl2 in Osteoblasts Inhibits Osteoblast Differentiation and Induces Osteocyte Apoptosis. PLoS ONE, 2011, 6, e27487.	2.5	49
77	Characterization of GATA-1+ hemangioblastic cells in the mouse embryo. EMBO Journal, 2007, 26, 184-196.	7.8	48
78	Influenza A Virus-Induced Expression of a GalNAc Transferase, GALNT3, via MicroRNAs Is Required for Enhanced Viral Replication. Journal of Virology, 2016, 90, 1788-1801.	3.4	48
79	Statins inhibit osteoblast migration by inhibiting Rac-Akt signaling. Biochemical and Biophysical Research Communications, 2004, 315, 636-642.	2.1	45
80	Bcl2 Deficiency Activates FoxO through Akt Inactivation and Accelerates Osteoblast Differentiation. PLoS ONE, 2014, 9, e86629.	2.5	44
81	Impaired Vascular Invasion of Cbfa1-Deficient Cartilage Engrafted in the Spleen. Journal of Bone and Mineral Research, 2002, 17, 1297-1305.	2.8	42
82	Inhibition of Notch1 signaling by Runx2 during osteoblast differentiation. Journal of Bone and Mineral Research, 2011, 26, 317-330.	2.8	40
83	Isolation and characterization of the distal promoter region of mouse Cbfa1. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1999, 1446, 265-272.	2.4	39
84	Expression of dentin matrix protein 1 in tumors causing oncogenic osteomalacia. Modern Pathology, 2004, 17, 573-578.	5.5	38
85	Sp1 Family of Transcription Factors Regulates the Human Î±2 (XI) Collagen Gene (COL11A2) in Saos-2 Osteoblastic Cells. Journal of Bone and Mineral Research, 2006, 21, 661-673.	2.8	38
86	Osteogenic Factor Runx2 Marks a Subset of Leptin Receptor-Positive Cells that Sit Atop the Bone Marrow Stromal Cell Hierarchy. Scientific Reports, 2017, 7, 4928.	3.3	38
87	Interaction of Tmem119 and the bone morphogenetic protein pathway in the commitment of myoblastic into osteoblastic cells. Bone, 2012, 51, 158-167.	2.9	35
88	Parathyroid Hormone Shifts Cell Fate of a Leptin Receptor-Marked Stromal Population from Adipogenic to Osteoblastic Lineage. Journal of Bone and Mineral Research, 2019, 34, 1952-1963.	2.8	35
89	Aged Mice Require Full Transcription Factor, Runx2/Cbfa1, Gene Dosage for Cancellous Bone Regeneration After Bone Marrow Ablation. Journal of Bone and Mineral Research, 2004, 19, 1481-1489.	2.8	33
90	Immobilization-Induced Cartilage Degeneration Mediated Through Expression of Hypoxia-Inducible Factor-1Î±, Vascular Endothelial Growth Factor, and Chondromodulin-I. Connective Tissue Research, 2009, 50, 37-45.	2.3	32

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91	Comparative morphology of the osteocyte lacunocanalicular system in various vertebrates. Journal of Bone and Mineral Metabolism, 2011, 29, 662-670.	2.7	32
92	Pyruvate dehydrogenase kinase 4 induces bone loss at unloading by promoting osteoclastogenesis. Bone, 2012, 50, 409-419.	2.9	31
93	A Trans-Acting Enhancer Modulates Estrogen-Mediated Transcription of Reporter Genes in Osteoblasts. Journal of Bone and Mineral Research, 1999, 14, 248-255.	2.8	30
94	Pin1â€mediated Runx2 modification is critical for skeletal development. Journal of Cellular Physiology, 2013, 228, 2377-2385.	4.1	30
95	Galnt3 deficiency disrupts acrosome formation and leads to oligoasthenoteratozoospermia. Histochemistry and Cell Biology, 2013, 139, 339-354.	1.7	30
96	Regulation of Osteoblast and Odontoblast Differentiation by RUNX2. Journal of Oral Biosciences, 2010, 52, 22-25.	2.2	29
97	Regulation of Tcf7 by Runx2 in chondrocyte maturation and proliferation. Journal of Bone and Mineral Metabolism, 2011, 29, 291-299.	2.7	28
98	Novel Hedgehog Agonists Promote Osteoblast Differentiation in Mesenchymal Stem Cells. Journal of Cellular Physiology, 2015, 230, 922-929.	4.1	28
99	OBIF, an osteoblast induction factor, plays an essential role in bone formation in association with osteoblastogenesis. Development Growth and Differentiation, 2012, 54, 474-480.	1.5	26
100	Runt-related transcription factor-2 (Runx2) is required for bone matrix protein gene expression in committed osteoblasts in mice. Journal of Bone and Mineral Research, 2020, 36, 2081-2095.	2.8	26
101	MAML1 Enhances the Transcriptional Activity of Runx2 and Plays a Role in Bone Development. PLoS Genetics, 2013, 9, e1003132.	3.5	24
102	Bone morphogenetic protein rescues the lack of secondary cartilage in Runx2-deficient mice. Journal of Anatomy, 2007, 211, 8-15.	1.5	23
103	Overexpression of BCLXL in Osteoblasts Inhibits Osteoblast Apoptosis and Increases Bone Volume and Strength. Journal of Bone and Mineral Research, 2016, 31, 1366-1380.	2.8	22
104	Immunohistochemical analysis of dentin matrix protein 1 (Dmp1) phosphorylation by Fam20C in bone: implications for the induction of biomineralization. Histochemistry and Cell Biology, 2017, 147, 341-351.	1.7	21
105	Micro-CT evaluation of tooth, calvaria and mechanical stress-induced tooth movement in adult Runx2/Cbfa1 heterozygous knock-out mice. Journal of Medical and Dental Sciences, 2004, 51, 105-13.	0.4	21
106	Inhibition of Cdk6 expression through p38 MAP kinase is involved in differentiation of mouse prechondrocyte ATDC5. Journal of Cellular Physiology, 2005, 204, 927-933.	4.1	20
107	Mouse Models for the Evaluation of Osteocyte Functions. Journal of Bone Metabolism, 2014, 21, 55.	1.3	20
108	Filamin-interacting proteins, Cfm1 and Cfm2, are essential for the formation of cartilaginous skeletal elements. Human Molecular Genetics, 2014, 23, 2953-2967.	2.9	19

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109	Thrombospondin-1 Is a Putative Target Gene of Runx2 and Runx3. International Journal of Molecular Sciences, 2013, 14, 14321-14332.	4.1	18
110	Antagonistic Functions of USAG-1 and RUNX2 during Tooth Development. PLoS ONE, 2016, 11, e0161067.	2.5	16
111	Overexpression of Galnt3 in Chondrocytes Resulted in Dwarfism Due to the Increase of Mucin-type O-Glycans and Reduction of Glycosaminoglycans. Journal of Biological Chemistry, 2014, 289, 26584-26596.	3.4	14
112	Constitutive activation of the alternative NF-Î¹B pathway disturbs endochondral ossification. Bone, 2019, 121, 29-41.	2.9	14
113	Runx3 is required for oncogenic Myc upregulation in p53-deficient osteosarcoma. Oncogene, 2022, 41, 683-691.	5.9	14
114	Cbfb2 Isoform Dominates More Potent Cbfb1 and Is Required for Skeletal Development. Journal of Bone and Mineral Research, 2016, 31, 1391-1404.	2.8	13
115	Antxr1, Which is a Target of Runx2, Regulates Chondrocyte Proliferation and Apoptosis. International Journal of Molecular Sciences, 2020, 21, 2425.	4.1	13
116	Rearrangement of immunoglobulin heavy chain genes and t3 expression in the absence of rearrangement of t-cell receptor Î²-chain gene in a patient with t-cell malignant lymphoma. Leukemia Research, 1986, 10, 1369-1375.	0.8	12
117	Regulation of Rb family proteins by Cdk6/Ccnd1 in growth plates. Cell Cycle, 2013, 12, 2161-2162.	2.6	11
118	N sequences, P nucleotides and short sequence homologies at junctional sites in VH to VHDJH and VHDJH to JH joining. Molecular Immunology, 1993, 30, 1393-1398.	2.2	10
119	Biased usage of two restricted VH gene segments in Vh replacement. European Journal of Immunology, 1993, 23, 517-522.	2.9	9
120	Chronological histological changes during bone regeneration on a non-crosslinked atelocollagen matrix. Journal of Bone and Mineral Metabolism, 2012, 30, 638-650.	2.7	9
121	The functions of Runx family transcription factors and Cbfb in skeletal development. Oral Science International, 2015, 12, 1-4.	0.7	9
122	Smoc1 and Smoc2 regulate bone formation as downstream molecules of Runx2. Communications Biology, 2021, 4, 1199.	4.4	9
123	Evaluation of 9.4-T MR microimaging in assessing normal and defective fetal bone development: comparison of MR imaging and histological findings. Bone, 2004, 34, 619-628.	2.9	8
124	Lack of reproducibility in osteocalcin-deficient mice. PLoS Genetics, 2020, 16, e1008939.	3.5	8
125	Osteocytes: Their Lacunocanalicular Structure and Mechanoresponses. International Journal of Molecular Sciences, 2022, 23, 4373.	4.1	8
126	Microtubule-associated protein tau (Mapt) is expressed in terminally differentiated odontoblasts and severely down-regulated in morphologically disturbed odontoblasts of Runx2 transgenic mice. Cell and Tissue Research, 2015, 361, 457-466.	2.9	7

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127	TREATMENT OF A PATIENT IN A RELAPSE AFTER BONE MARROW TRANSPLANTATION FOR ACUTE LYMPHOBLASTIC LEUKEMIA WITH THE SYSTEMIC ADMINISTRATION OF ALLOGENEIC LYMPHOKINEâ€ACTIVATED KILLER CELLS AND RECOMBINANT INTERLEUKINâ€2. European Journal of Haematology, 1989, 43, 184-185.	2.2	6
128	Overexpression of Fam20C in osteoblast in vivo leads to increased cortical bone formation and osteoclastic bone resorption. Bone, 2020, 138, 115414.	2.9	6
129	Sp7 Transgenic Mice with a Markedly Impaired Lacunocanalicular Network Induced Sost and Reduced Bone Mass by Unloading. International Journal of Molecular Sciences, 2022, 23, 3173.	4.1	6
130	Role of SIBLINGs on matrix mineralization: Focus on dentin matrix protein 1 (DMP1). Journal of Oral Biosciences, 2012, 54, 30-36.	2.2	5
131	Novel sandwich ELISAs for rat DMP1: Age-related decrease of circulatory DMP1 levels in male rats. Bone, 2013, 57, 429-436.	2.9	5
132	Sphenoid bone hypoplasia is a skeletal phenotype of cleidocranial dysplasia in a mouse model and patients. Bone, 2019, 120, 176-186.	2.9	5
133	Expression of a Constitutively Active Form of Hck in Chondrocytes Activates Wnt and Hedgehog Signaling Pathways, and Induces Chondrocyte Proliferation in Mice. International Journal of Molecular Sciences, 2020, 21, 2682.	4.1	5
134	Overexpression of Sp7 in odontoblasts results in dentinogenesis imperfecta due to the inhibition of odontoblast maturation. Journal of Oral Biosciences, 2017, 59, 113-120.	2.2	4
135	Cbfa1, a transcription factor for osteoblast differentiation and bone formation. Journal of Bone and Mineral Metabolism, 1998, 16, 1-4.	2.7	3
136	Collapsin Response Mediator Protein 1, a Novel Marker Protein for Differentiated Odontoblasts. Acta Histochemica Et Cytochemica, 2018, 51, 185-190.	1.6	3
137	A review of the differing roles of dead and live osteocytes. Journal of Oral Biosciences, 2014, 56, 101-104.	2.2	2
138	Maturational disturbance of chondrocytes in Cbfa1-deficient mice. , 1999, 214, 279.		2
139	Regulation of bone mass at unloaded condition by osteocyte network. Arthritis Research and Therapy, 2012, 14, .	3.5	0
140	The Functional Involvement of Rac on Bone and Tooth Formation: Characteristic of N17Rac Transgenic Mice. Journal of Hard Tissue Biology, 2005, 14, 279-279.	0.4	0
141	ROLE OF CBFAI IN OSTEOBLAST AND CHONDROCYTE DIFFERENTIATION. , 1999, , .		0
142	Title is missing!. , 2020, 16, e1008586.		0
143	Title is missing!. , 2020, 16, e1008586.		0
144	Title is missing!. , 2020, 16, e1008586.		0

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145	Title is missing!. , 2020, 16, e1008586.		0
146	Title is missing!. , 2020, 16, e1008586.		0
147	Title is missing!. , 2020, 16, e1008586.		0
148	Runx2 is essential for the transdifferentiation of chondrocytes into osteoblasts. , 2020, 16, e1009169.		0
149	Runx2 is essential for the transdifferentiation of chondrocytes into osteoblasts. , 2020, 16, e1009169.		0
150	Runx2 is essential for the transdifferentiation of chondrocytes into osteoblasts. , 2020, 16, e1009169.		0
151	Runx2 is essential for the transdifferentiation of chondrocytes into osteoblasts. , 2020, 16, e1009169.		0