Riko Nishimura

List of Publications by Year
in descending order

59	5,098	38	54
papers	citations	h-index	g-index
		87888	161849

60	60	60	7187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Induction of salivary gland-like cells from epithelial tissues transdifferentiated from mouse embryonic fibroblasts. Biochemical and Biophysical Research Communications, 2022, 586, 55-62.	2.1	3
2	Runx1 and Runx2 inhibit fibrotic conversion of cellular niches for hematopoietic stem cells. Nature Communications, 2022, 13, 2654.	12.8	13
3	Dmrt2 promotes transition of endochondral bone formation by linking Sox9 and Runx2. Communications Biology, 2021, 4, 326.	4.4	10
4	Smoc1 and Smoc2 regulate bone formation as downstream molecules of Runx2. Communications Biology, 2021, 4, 1199.	4.4	9
5	Zfhx4 regulates endochondral ossification as the transcriptional platform of Osterix in mice. Communications Biology, 2021, 4, 1258.	4.4	8
6	G protein subunit Î²1 is an important mediator of the late stage of endochondral ossification. Biochemical and Biophysical Research Communications, 2020, 533, 90-96.	2.1	1
7	Role of Signal Transduction Pathways and Transcription Factors in Cartilage and Joint Diseases. International Journal of Molecular Sciences, 2020, 21, 1340.	4.1	45
8	Sox4 is involved in osteoarthritic cartilage deterioration through induction of ADAMTS4 and ADAMTS5. FASEB Journal, 2019, 33, 619-630.	0.5	43
9	Sox9 regulates the luminal stem/progenitor cell properties of salivary glands. Experimental Cell Research, 2019, 382, 111449.	2.6	13
10	Transcriptional network systems in cartilage development and disease. Histochemistry and Cell Biology, 2018, 149, 353-363.	1.7	45
11	Generation of orthotopically functional salivary gland from embryonic stem cells. Nature Communications, 2018, 9, 4216.	12.8	97
12	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
13	Interaction of LEF1 with TAZ is necessary for the osteoblastogenic activity of Wnt3a. Scientific Reports, 2018, 8, 10375.	3.3	7
14	Regulation of Cartilage Development and Diseases by Transcription Factors. Journal of Bone Metabolism, 2017, 24, 147.	1.3	30
15	The transcription factor Foxc1 is necessary for Ihhâ€"Gli2-regulated endochondral ossification. Nature Communications, 2015, 6, 6653.	12.8	68
16	Regulation of transcriptional network system during bone and cartilage development. Journal of Oral Biosciences, 2015, 57, 165-170.	2.2	0
17	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
18	Indian Hedgehog Signaling Regulates Transcription and Expression of Collagen Type X via Runx2/Smads Interactions. Journal of Biological Chemistry, 2014, 289, 24898-24910.	3.4	57

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19	ZFHX4 Interacts with the NuRD Core Member CHD4 and Regulates the Glioblastoma Tumor-Initiating Cell State. Cell Reports, 2014, 6, 313-324.	6.4	106
20	Retinoic acid regulates commitment of undifferentiated mesenchymal stem cells into osteoblasts and adipocytes. Journal of Bone and Mineral Metabolism, 2013, 31, 53-63.	2.7	46
21	Arid5a controls IL-6 mRNA stability, which contributes to elevation of IL-6 level in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9409-9414.	7.1	179
22	Arid5b facilitates chondrogenesis by recruiting the histone demethylase Phf2 to Sox9-regulated genes. Nature Communications, 2013, 4, 2850.	12.8	70
23	Regulation of bone and cartilage development by network between BMP signalling and transcription factors. Journal of Biochemistry, 2012, 151, 247-254.	1.7	176
24	Osterix Regulates Calcification and Degradation of Chondrogenic Matrices through Matrix Metalloproteinase 13 (MMP13) Expression in Association with Transcription Factor Runx2 during Endochondral Ossification. Journal of Biological Chemistry, 2012, 287, 33179-33190.	3.4	138
25	Regulation of endochondral ossification by transcription factors. Journal of Oral Biosciences, 2012, 54, 180-183.	2.2	4
26	Regulation of endochondral ossification by transcription factors. Frontiers in Bioscience - Landmark, 2012, 17, 2657.	3.0	29
27	Distinct mechanisms are responsible for osteopenia and growth retardation in OASIS-deficient mice. Bone, 2011, 48, 514-523.	2.9	21
28	Arid5a cooperates with Sox9 to stimulate chondrocyte-specific transcription. Molecular Biology of the Cell, 2011, 22, 1300-1311.	2.1	53
29	Cbp recruitment of Csk into lipid rafts is critical to c-Src kinase activity and bone resorption in osteoclasts. Journal of Bone and Mineral Research, 2010, 25, 1068-1076.	2.8	20
30	The transcription factor Znf219 regulates chondrocyte differentiation by assembling a transcription factory with Sox9. Journal of Cell Science, 2010, 123, 3780-3788.	2.0	54
31	OASIS, an endoplasmic reticulum stress transducer, is involved in bone formation. FASEB Journal, 2010, 24, 663.2.	0.5	0
32	A novel role for TGF-Î²1 in bone remodeling. IBMS BoneKEy, 2009, 6, 434-438.	0.0	6
33	Sox9 Family Members Negatively Regulate Maturation and Calcification of Chondrocytes through Up-Regulation of Parathyroid Hormoneâ€"related Protein. Molecular Biology of the Cell, 2009, 20, 4541-4551.	2.1	64
34	Regulation of endoplasmic reticulum stress response by a BBF2H7-mediated Sec23a pathway is essential for chondrogenesis. Nature Cell Biology, 2009, 11, 1197-1204.	10.3	181
35	Signalling mediated by the endoplasmic reticulum stress transducer OASIS is involved in bone formation. Nature Cell Biology, 2009, 11, 1205-1211.	10.3	278
36	Signal transduction and transcriptional regulation during mesenchymal cell differentiation. Journal of Bone and Mineral Metabolism, 2008, 26, 203-212.	2.7	87

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37	BMP2 Regulates Osterix through Msx2 and Runx2 during Osteoblast Differentiation. Journal of Biological Chemistry, 2008, 283, 29119-29125.	3.4	450
38	Msx2 Stimulates Chondrocyte Maturation by Controlling Ihh Expression. Journal of Biological Chemistry, 2008, 283, 29513-29521.	3.4	34
39	JNK/c-Jun Signaling Mediates an Anti-Apoptotic Effect of RANKL in Osteoclasts. Journal of Bone and Mineral Research, 2008, 23, 907-914.	2.8	112
40	Paraspeckle protein p54nrb links Sox9-mediated transcription with RNA processing during chondrogenesis in mice. Journal of Clinical Investigation, 2008, 118, 3098-3108.	8.2	73
41	Ihh/Gli2 Signaling Promotes Osteoblast Differentiation by Regulating Runx2 Expression and Function. Molecular Biology of the Cell, 2007, 18, 2411-2418.	2.1	151
42	Functional Gene Screening System Identified TRPV4 as a Regulator of Chondrogenic Differentiation. Journal of Biological Chemistry, 2007, 282, 32158-32167.	3.4	191
43	Critical role of cortactin in actin ring formation and osteoclastic bone resorption. Journal of Bone and Mineral Metabolism, 2006, 24, 368-372.	2.7	21
44	CCAAT/Enhancer-Binding Protein Homologous Protein (CHOP) Regulates Osteoblast Differentiation. Molecular and Cellular Biology, 2006, 26, 6105-6116.	2.3	82
45	Activation of NFAT Signal In Vivo Leads to Osteopenia Associated with Increased Osteoclastogenesis and Bone-Resorbing Activity. Journal of Immunology, 2006, 177, 2384-2390.	0.8	59
46	A CCAAT/Enhancer Binding Protein Î² Isoform, Liver-Enriched Inhibitory Protein, Regulates Commitment of Osteoblasts and Adipocytes. Molecular and Cellular Biology, 2005, 25, 1971-1979.	2.3	81
47	Reciprocal Roles of Msx2 in Regulation of Osteoblast and Adipocyte Differentiation. Journal of Biological Chemistry, 2004, 279, 34015-34022.	3.4	170
48	Critical roles of c-Jun signaling in regulation of NFAT family and RANKL-regulated osteoclast differentiation. Journal of Clinical Investigation, 2004, 114, 475-484.	8.2	191
49	Critical roles of c-Jun signaling in regulation of NFAT family and RANKL-regulated osteoclast differentiation. Journal of Clinical Investigation, 2004, 114, 475-484.	8.2	379
50	Differential Roles of Smad1 and p38 Kinase in Regulation of Peroxisome Proliferator-activating Receptor Î³ during Bone Morphogenetic Protein 2-induced Adipogenesis. Molecular Biology of the Cell, 2003, 14, 545-555.	2.1	171
51	The role of SMADS in BMP signaling. Frontiers in Bioscience - Landmark, 2003, 8, s275-284.	3.0	46
52	Bone morphogenetic protein receptor signaling is necessary for normal murine postnatal bone formation. Journal of Cell Biology, 2002, 157, 1049-1060.	5.2	167
53	Core-binding factor Î±1 (Cbfa1) induces osteoblastic differentiation of C2C12 cells without interactions with Smad1 and Smad5. Bone, 2002, 31, 303-312.	2.9	123
54	Combination of Interleukin-6 and Soluble Interleukin-6 Receptors Induces Differentiation and Activation of JAK-STAT and MAP Kinase Pathways in MG-63 Human Osteoblastic Cells. Journal of Bone and Mineral Research, 1998, 13, 777-785.	2.8	84

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55	Isolation and characterization of a cDNA clone encoding a novel peptide (OSF) that enhances osteoclast formation and bone resorption. Journal of Cellular Physiology, 1998, 177, 636-645.	4.1	49
56	Smad5 and DPC4 Are Key Molecules in Mediating BMP-2-induced Osteoblastic Differentiation of the Pluripotent Mesenchymal Precursor Cell Line C2C12. Journal of Biological Chemistry, 1998, 273, 1872-1879.	3.4	284
57	Squamous cell carcinoma of the mandible associated with humoral hypercalcemia of malignancy(HHM) and an establishment of experimental animal model in nude mice.. Nihon Koku Geka Gakkai Zasshi, 1988, 34, 826-831.	0.0	0
58	A clinical course of the patient with epidermoid carcinoma of the maxilla associated with marked leukocytosis and an establishment of experimental model in nude mice.. Nihon Koku Geka Gakkai Zasshi, 1988, 34, 586-591.	0.0	0
59	Transcriptional regulation of FRZB in chondrocytes by Osterix and Msx2. Journal of Bone and Mineral Metabolism, 0, , .	2.7	1