Eijiro Jimi

List of Publications by Year
in descending order

61	6,103	201385	161609
papers	citations	27 h-index	54 g-index

63	63	63	6040
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modulation of Osteoclast Differentiation and Function by the New Members of the Tumor Necrosis Factor Receptor and Ligand Families. Endocrine Reviews, 1999, 20, 345-357.	8.9	2,009
2	Tumor Necrosis Factor Î± Stimulates Osteoclast Differentiation by a Mechanism Independent of the Odf/Ranklâ€“Rank Interaction. Journal of Experimental Medicine, 2000, 191, 275-286.	4.2	1,219
3	Selective inhibition of NF-ÎºB blocks osteoclastogenesis and prevents inflammatory bone destruction in vivo. Nature Medicine, 2004, 10, 617-624.	15.2	465
4	Regulation of Osteoclast Function. Journal of Bone and Mineral Research, 1997, 12, 869-879.	3.1	322
5	NF-ÎºB Signaling Regulates Physiological and Pathological Chondrogenesis. International Journal of Molecular Sciences, 2019, 20, 6275.	1.8	167
6	Role of nuclear factor-kappaB in the immune system and bone. Immunological Reviews, 2005, 208, 80-87.	2.8	136
7	Tyrosine Phosphorylation of p130Cas Is Involved in Actin Organization in Osteoclasts. Journal of Biological Chemistry, 1998, 273, 11144-11149.	1.6	115
8	Tumor Necrosis Factor Î± Represses Bone Morphogenetic Protein (BMP) Signaling by Interfering with the DNA Binding of Smads through the Activation of NF-ÎºB. Journal of Biological Chemistry, 2009, 284, 35987-35995.	1.6	111
9	The Molecular Basis of Osteoclast Differentiation and Activation. Novartis Foundation Symposium, 2008, 232, 235-250.	1.2	99
10	The Current and Future Therapies of Bone Regeneration to Repair Bone Defects. International Journal of Dentistry, 2012, 2012, 1-7.	0.5	96
11	Chemical and physical properties of the extracellular matrix are required for the actin ring formation in osteoclasts. Journal of Bone and Mineral Research, 1996, 11, 1873-1879.	3.1	94
12	The Role of NF-ÎºB in Physiological Bone Development and Inflammatory Bone Diseases: Is NF-ÎºB Inhibition â€œKilling Two Birds with One Stoneâ€?. Cells, 2019, 8, 1636.	1.8	83
13	Regulation of osteoclast function. Modern Rheumatology, 2012, 22, 167-177.	0.9	73
14	Specific Inhibitors of Vacuolar H+-ATPase Trigger Apoptotic Cell Death of Osteoclasts. Journal of Bone and Mineral Research, 1997, 12, 1116-1123.	3.1	66
15	Lowâ€level laser irradiation enhances BMPâ€induced osteoblast differentiation by stimulating the BMP/Smad signaling pathway. Journal of Cellular Biochemistry, 2010, 111, 1445-1452.	1.2	64
16	The pivotal role of the alternative NF-ÎºB pathway in maintenance of basal bone homeostasis and osteoclastogenesis. Journal of Bone and Mineral Research, 2010, 25, 809-818.	3.1	63
17	Phosphatidylinositol-3 kinase is involved in ruffled border formation in osteoclasts. , 1997, 172, 230-239.		59
18	Involvement of proteasomes in migration and matrix metalloproteinase-9 production of oral squamous cell carcinoma. , 1998, 77, 578-585.		58

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19	Processing of the NF-ÎºB2 precursor p100 to p52 is critical for RANKL-induced osteoclast differentiation. Journal of Bone and Mineral Research, 2010, 25, 1058-1067.	3.1	55
20	Differential Role of the Transcription Factor NF-ÎºB in Selection and Survival of CD4+ and CD8+ Thymocytes. Immunity, 2008, 29, 523-537.	6.6	52
21	Lack of vacuolar proton ATPase association with the cytoskeleton in osteoclasts of osteosclerotic (oc/oc) mice. FEBS Letters, 1997, 401, 207-212.	1.3	51
22	p130Cas, Crk-Associated Substrate, Plays Important Roles in Osteoclastic Bone Resorption. Journal of Bone and Mineral Research, 2013, 28, 2449-2462.	3.1	44
23	The RANKL/RANK system as a therapeutic target for bone invasion by oral squamous cell carcinoma. International Journal of Oncology, 2013, 42, 803-809.	1.4	40
24	Inhibition of BMP2-Induced Bone Formation by the p65 Subunit of NF-ÎºB via an Interaction With Smad4. Molecular Endocrinology, 2014, 28, 1460-1470.	3.7	40
25	Cell Fate and Differentiation of Bone Marrow Mesenchymal Stem Cells. Stem Cells International, 2016, 2016, 1-7.	1.2	39
26	Activation of NF-ÎºB promotes the transition of large, CD43+ pre-B cells to small, CD43â^' pre-B cells. International Immunology, 2005, 17, 815-825.	1.8	36
27	The inhibition of RANKL/RANK signaling by osteoprotegerin suppresses bone invasion by oral squamous cell carcinoma cells. Carcinogenesis, 2011, 32, 1634-1640.	1.3	31
28	The transcriptional co-repressor TLE3 regulates myogenic differentiation by repressing the activity of the MyoD transcription factor. Journal of Biological Chemistry, 2017, 292, 12885-12894.	1.6	30
29	Selective inhibition of NFâ€ÎºB suppresses bone invasion by oral squamous cell carcinoma in vivo. International Journal of Cancer, 2012, 131, E625-35.	2.3	29
30	Isolation and characterization of osteoclast precursors that differentiate into osteoclasts on calvarial cells within a short period of time. Journal of Cellular Physiology, 1998, 177, 26-35.	2.0	28
31	Osteocalcin triggers Fas/FasL-mediated necroptosis in adipocytes via activation of p300. Cell Death and Disease, 2018, 9, 1194.	2.7	27
32	Accumulation of p100, a Precursor of NF-ÎºB2, Enhances Osteoblastic Differentiationin Vitroand Bone Formationin Vivoinaly/alyMice. Molecular Endocrinology, 2012, 26, 414-422.	3.7	25
33	A novel inhibitor of NF-ÎºB-inducing kinase prevents bone loss by inhibiting osteoclastic bone resorption in ovariectomized mice. Bone, 2020, 135, 115316.	1.4	21
34	Basic fibroblast growth factor inhibits osteoclast-like cell formation. , 1996, 168, 395-402.		18
35	A peptide that blocks the interaction of NFâ€ÎºB p65 subunit with Smad4 enhances BMP2â€induced osteogenesis. Journal of Cellular Physiology, 2018, 233, 7356-7366.	2.0	18
36	Regeneration Approaches for Dental Pulp and Periapical Tissues with Growth Factors, Biomaterials, and Laser Irradiation. Polymers, 2011, 3, 1776-1793.	2.0	17

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37	NF-ÎºB RELA-deficient bone marrow macrophages fail to support bone formation and to maintain the hematopoietic niche after lethal irradiation and stem cell transplantation. International Immunology, 2014, 26, 607-618.	1.8	17
38	The Role of BMP Signaling and NF-ÎºB Signaling on Osteoblastic Differentiation, Cancer Development, and Vascular Diseasesâ€"Is the Activation of NF-ÎºB a Friend or Foe of BMP Function?. Vitamins and Hormones, 2015, 99, 145-170.	0.7	15
39	The novel IÎºB kinase Î² inhibitor IMD-0560 prevents bone invasion by oral squamous cell carcinoma. Oncotarget, 2014, 5, 12317-12330.	0.8	15
40	The Actin-Binding Protein PPP1r18 Regulates Maturation, Actin Organization, and Bone Resorption Activity of Osteoclasts. Molecular and Cellular Biology, 2018, 38, .	1.1	14
41	Constitutive activation of the alternative NF-ÎºB pathway disturbs endochondral ossification. Bone, 2019, 121, 29-41.	1.4	14
42	RelB-induced Expression of Cot, an MAP3K Family Member, Rescues RANKL-induced Osteoclastogenesis in Alymphoplasia Mice by Promoting NF-ÎºB2 Processing by IKKÎ±. Journal of Biological Chemistry, 2014, 289, 7349-7361.	1.6	13
43	Adipocyte-specific GPRC6A ablation promotes diet-induced obesity by inhibiting lipolysis. Journal of Biological Chemistry, 2021, 296, 100274.	1.6	11
44	p130Cas induces bone invasion by oral squamous cell carcinoma by regulating tumor epithelialâ€"mesenchymal transition and cell proliferation. Carcinogenesis, 2020, 41, 1038-1048.	1.3	11
45	A small nuclear acidic protein (MTI-II, Zn2+-binding protein, parathymosin) attenuates TNF-Î± inhibition of BMP-induced osteogenesis by enhancing accessibility of the Smad4-NF-ÎºB p65 complex to Smad binding element. Molecular and Cellular Biochemistry, 2020, 469, 133-142.	1.4	10
46	NFâ€ÎºB acts as a multifunctional modulator in bone invasion by oral squamous cell carcinoma. Oral Science International, 2016, 13, 1-6.	0.3	9
47	Bone morphogenetic protein induces bone invasion of melanoma by epithelialâ€"mesenchymal transition via the Smad1/5 signaling pathway. Laboratory Investigation, 2021, 101, 1475-1483.	1.7	9
48	Involvement of PRIP, Phospholipase C-related, but Catalytically Inactive Protein, in Bone Formation. Journal of Biological Chemistry, 2011, 286, 31032-31042.	1.6	8
49	The Novel NFâ€ÎºB Inhibitor, MTIâ€II Peptide Antiâ€inflammatory Drug, Suppresses Inflammatory Responses in Odontoblastâ€Like Cells. Journal of Cellular Biochemistry, 2016, 117, 2552-2558.	1.2	8
50	Volume-regulated chloride channel regulates cell proliferation and is involved in the possible interaction between TMEM16A and LRRC8A in human metastatic oral squamous cell carcinoma cells. European Journal of Pharmacology, 2021, 895, 173881.	1.7	8
51	Kif1c regulates osteoclastic bone resorption as a downstream molecule of p130Cas. Cell Biochemistry and Function, 2020, 38, 300-308.	1.4	7
52	Aging-dependent proteolysis of NF-?B in human fibroblasts. Journal of Cellular Physiology, 2000, 182, 247-255.	2.0	6
53	Bifâ€1/Endophilin B1/SH3GLB1 regulates bone homeostasis. Journal of Cellular Biochemistry, 2019, 120, 18793-18804.	1.2	5
54	The unique function of p130Cas in regulating the bone metabolism. , 2021, 230, 107965.		4

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55	Deletion of epithelial cell-specific p130Cas impairs the maturation stage of amelogenesis. Bone, 2022, 154, 116210.	1.4	3
56	RANKL elevation activates the NIK/NF-ÎºB pathway, inducing obesity in ovariectomized mice. Journal of Endocrinology, 2022, 254, 27-36.	1.2	3
57	Basic research focused on solving the clinical problems of bone metabolism regulated by transcription factor NF-ÎºB. Journal of Oral Biosciences, 2013, 55, 109-115.	0.8	1
58	Vitamin Status and Mineralized Tissue Formation. Current Oral Health Reports, 2019, 6, 110-119.	0.5	0
59	P-13. Subcellular localization of gamma glutamyl transpeptidase during saliva secretory stimulation in rat sublingual acini. The Journal of the Kyushu Dental Society, 2006, 60, 82-83.	0.0	0
60	17. The role of NF-ÎºB on osteoclast differentiation and tooth development. The Journal of the Kyushu Dental Society, 2006, 60, 72-73.	0.0	0
61	Phospholipase C-related but catalytically inactive protein acts as a positive regulator of insulin signalling in adipocytes. Journal of Cell Science, 2022, 135, .	1.2	0