

Eijiro Jimi

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

6,103
citations

201385

27
h-index

161609

54
g-index

63
all docs

63
docs citations

63
times ranked

6040
citing authors

#	ARTICLE	IF	CITATIONS
1	Deletion of epithelial cell-specific p130Cas impairs the maturation stage of amelogenesis. <i>Bone</i> , 2022, 154, 116210.	1.4	3
2	Phospholipase C-related but catalytically inactive protein acts as a positive regulator of insulin signalling in adipocytes. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	0
3	RANKL elevation activates the NIK/NF- κ B pathway, inducing obesity in ovariectomized mice. <i>Journal of Endocrinology</i> , 2022, 254, 27-36.	1.2	3
4	Adipocyte-specific GPRC6A ablation promotes diet-induced obesity by inhibiting lipolysis. <i>Journal of Biological Chemistry</i> , 2021, 296, 100274.	1.6	11
5	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. <i>European Journal of Pharmacology</i> , 2021, 895, 173881.	1.7	8
6	The unique function of p130Cas in regulating the bone metabolism. , 2021, 230, 107965.		4
7	Bone morphogenetic protein induces bone invasion of melanoma by epithelial \rightarrow mesenchymal transition via the Smad1/5 signaling pathway. <i>Laboratory Investigation</i> , 2021, 101, 1475-1483.	1.7	9
8	Kif1c regulates osteoclastic bone resorption as a downstream molecule of p130Cas. <i>Cell Biochemistry and Function</i> , 2020, 38, 300-308.	1.4	7
9	A novel inhibitor of NF- κ B-inducing kinase prevents bone loss by inhibiting osteoclastic bone resorption in ovariectomized mice. <i>Bone</i> , 2020, 135, 115316.	1.4	21
10	A small nuclear acidic protein (MTI-II, Zn ²⁺ -binding protein, parathymosin) attenuates TNF- α inhibition of BMP-induced osteogenesis by enhancing accessibility of the Smad4-NF- κ B p65 complex to Smad binding element. <i>Molecular and Cellular Biochemistry</i> , 2020, 469, 133-142.	1.4	10
11	p130Cas induces bone invasion by oral squamous cell carcinoma by regulating tumor epithelial \rightarrow mesenchymal transition and cell proliferation. <i>Carcinogenesis</i> , 2020, 41, 1038-1048.	1.3	11
12	Bif-1/Endophilin B1/SH3GLB1 regulates bone homeostasis. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18793-18804.	1.2	5
13	Vitamin Status and Mineralized Tissue Formation. <i>Current Oral Health Reports</i> , 2019, 6, 110-119.	0.5	0
14	NF- κ B Signaling Regulates Physiological and Pathological Chondrogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6275.	1.8	167
15	The Role of NF- κ B in Physiological Bone Development and Inflammatory Bone Diseases: Is NF- κ B Inhibition $\hat{=}$ Killing Two Birds with One Stone $\hat{=}$?. <i>Cells</i> , 2019, 8, 1636.	1.8	83
16	Constitutive activation of the alternative NF- κ B pathway disturbs endochondral ossification. <i>Bone</i> , 2019, 121, 29-41.	1.4	14
17	A peptide that blocks the interaction of NF- κ B p65 subunit with Smad4 enhances BMP2-induced osteogenesis. <i>Journal of Cellular Physiology</i> , 2018, 233, 7356-7366.	2.0	18
18	The Actin-Binding Protein PPP1r18 Regulates Maturation, Actin Organization, and Bone Resorption Activity of Osteoclasts. <i>Molecular and Cellular Biology</i> , 2018, 38, .	1.1	14

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19	Osteocalcin triggers Fas/FasL-mediated necroptosis in adipocytes via activation of p300. <i>Cell Death and Disease</i> , 2018, 9, 1194.	2.7	27
20	The transcriptional co-repressor TLE3 regulates myogenic differentiation by repressing the activity of the MyoD transcription factor. <i>Journal of Biological Chemistry</i> , 2017, 292, 12885-12894.	1.6	30
21	Cell Fate and Differentiation of Bone Marrow Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2016, 2016, 1-7.	1.2	39
22	The Novel NF- κ B Inhibitor, MTI κ H Peptide Anti-inflammatory Drug, Suppresses Inflammatory Responses in Odontoblast-Like Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2552-2558.	1.2	8
23	NF- κ B acts as a multifunctional modulator in bone invasion by oral squamous cell carcinoma. <i>Oral Science International</i> , 2016, 13, 1-6.	0.3	9
24	The Role of BMP Signaling and NF- κ B Signaling on Osteoblastic Differentiation, Cancer Development, and Vascular Diseases—Is the Activation of NF- κ B a Friend or Foe of BMP Function?. <i>Vitamins and Hormones</i> , 2015, 99, 145-170.	0.7	15
25	NF- κ B RELA-deficient bone marrow macrophages fail to support bone formation and to maintain the hematopoietic niche after lethal irradiation and stem cell transplantation. <i>International Immunology</i> , 2014, 26, 607-618.	1.8	17
26	Inhibition of BMP2-Induced Bone Formation by the p65 Subunit of NF- κ B via an Interaction With Smad4. <i>Molecular Endocrinology</i> , 2014, 28, 1460-1470.	3.7	40
27	RelB-induced Expression of Cot, an MAP3K Family Member, Rescues RANKL-induced Osteoclastogenesis in Alymphoplasia Mice by Promoting NF- κ B2 Processing by IKK κ . <i>Journal of Biological Chemistry</i> , 2014, 289, 7349-7361.	1.6	13
28	The novel κ B kinase κ 2 inhibitor IMD-0560 prevents bone invasion by oral squamous cell carcinoma. <i>Oncotarget</i> , 2014, 5, 12317-12330.	0.8	15
29	Basic research focused on solving the clinical problems of bone metabolism regulated by transcription factor NF- κ B. <i>Journal of Oral Biosciences</i> , 2013, 55, 109-115.	0.8	1
30	p130Cas, Crk-Associated Substrate, Plays Important Roles in Osteoclastic Bone Resorption. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 2449-2462.	3.1	44
31	The RANKL/RANK system as a therapeutic target for bone invasion by oral squamous cell carcinoma. <i>International Journal of Oncology</i> , 2013, 42, 803-809.	1.4	40
32	Accumulation of p100, a Precursor of NF- κ B2, Enhances Osteoblastic Differentiation <i>in Vitro</i> and Bone Formation <i>in Vivo</i> in <i>aly/aly</i> Mice. <i>Molecular Endocrinology</i> , 2012, 26, 414-422.	3.7	25
33	Regulation of osteoclast function. <i>Modern Rheumatology</i> , 2012, 22, 167-177.	0.9	73
34	The Current and Future Therapies of Bone Regeneration to Repair Bone Defects. <i>International Journal of Dentistry</i> , 2012, 2012, 1-7.	0.5	96
35	Selective inhibition of NF- κ B suppresses bone invasion by oral squamous cell carcinoma <i>in vivo</i> . <i>International Journal of Cancer</i> , 2012, 131, E625-35.	2.3	29
36	The inhibition of RANKL/RANK signaling by osteoprotegerin suppresses bone invasion by oral squamous cell carcinoma cells. <i>Carcinogenesis</i> , 2011, 32, 1634-1640.	1.3	31

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37	Involvement of PRIP, Phospholipase C-related, but Catalytically Inactive Protein, in Bone Formation. <i>Journal of Biological Chemistry</i> , 2011, 286, 31032-31042.	1.6	8
38	Regeneration Approaches for Dental Pulp and Periapical Tissues with Growth Factors, Biomaterials, and Laser Irradiation. <i>Polymers</i> , 2011, 3, 1776-1793.	2.0	17
39	The pivotal role of the alternative NF- κ B pathway in maintenance of basal bone homeostasis and osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 809-818.	3.1	63
40	Processing of the NF- κ B2 precursor p100 to p52 is critical for RANKL-induced osteoclast differentiation. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 1058-1067.	3.1	55
41	Low-level laser irradiation enhances BMP-induced osteoblast differentiation by stimulating the BMP/Smad signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 1445-1452.	1.2	64
42	Tumor Necrosis Factor κ B Represses Bone Morphogenetic Protein (BMP) Signaling by Interfering with the DNA Binding of Smads through the Activation of NF- κ B. <i>Journal of Biological Chemistry</i> , 2009, 284, 35987-35995.	1.6	111
43	Differential Role of the Transcription Factor NF- κ B in Selection and Survival of CD4+ and CD8+ Thymocytes. <i>Immunity</i> , 2008, 29, 523-537.	6.6	52
44	The Molecular Basis of Osteoclast Differentiation and Activation. <i>Novartis Foundation Symposium</i> , 2008, 232, 235-250.	1.2	99
45	P-13. Subcellular localization of gamma glutamyl transpeptidase during saliva secretory stimulation in rat sublingual acini. <i>The Journal of the Kyushu Dental Society</i> , 2006, 60, 82-83.	0.0	0
46	17. The role of NF- κ B on osteoclast differentiation and tooth development. <i>The Journal of the Kyushu Dental Society</i> , 2006, 60, 72-73.	0.0	0
47	Role of nuclear factor- κ B in the immune system and bone. <i>Immunological Reviews</i> , 2005, 208, 80-87.	2.8	136
48	Activation of NF- κ B promotes the transition of large, CD43+ pre-B cells to small, CD43 ^{low} pre-B cells. <i>International Immunology</i> , 2005, 17, 815-825.	1.8	36
49	Selective inhibition of NF- κ B blocks osteoclastogenesis and prevents inflammatory bone destruction in vivo. <i>Nature Medicine</i> , 2004, 10, 617-624.	15.2	465
50	Ageing-dependent proteolysis of NF- κ B in human fibroblasts. <i>Journal of Cellular Physiology</i> , 2000, 182, 247-255.	2.0	6
51	Tumor Necrosis Factor κ B Stimulates Osteoclast Differentiation by a Mechanism Independent of the Odf/Rank κ B-Rank Interaction. <i>Journal of Experimental Medicine</i> , 2000, 191, 275-286.	4.2	1,219
52	Modulation of Osteoclast Differentiation and Function by the New Members of the Tumor Necrosis Factor Receptor and Ligand Families. <i>Endocrine Reviews</i> , 1999, 20, 345-357.	8.9	2,009
53	Involvement of proteasomes in migration and matrix metalloproteinase-9 production of oral squamous cell carcinoma. , 1998, 77, 578-585.		58
54	Isolation and characterization of osteoclast precursors that differentiate into osteoclasts on calvarial cells within a short period of time. <i>Journal of Cellular Physiology</i> , 1998, 177, 26-35.	2.0	28

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55	Tyrosine Phosphorylation of p130Cas Is Involved in Actin Organization in Osteoclasts. Journal of Biological Chemistry, 1998, 273, 11144-11149.	1.6	115
56	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
57	Regulation of Osteoclast Function. Journal of Bone and Mineral Research, 1997, 12, 869-879.	3.1	322
58	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
59	Phosphatidylinositol-3 kinase is involved in ruffled border formation in osteoclasts. , 1997, 172, 230-239.		59
60	Basic fibroblast growth factor inhibits osteoclast-like cell formation. , 1996, 168, 395-402.		18
61	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