

# Steven L Teitelbaum

## List of Publications by Year in descending order

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188  
papers

20,334  
citations

11651

70  
h-index

10445

139  
g-index

195  
all docs

195  
docs citations

195  
times ranked

18084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic regulation of osteoclast development and function. <i>Nature Reviews Genetics</i> , 2003, 4, 638-649.	16.3	1,479
2	TNF- $\alpha$ induces osteoclastogenesis by direct stimulation of macrophages exposed to permissive levels of RANK ligand. <i>Journal of Clinical Investigation</i> , 2000, 106, 1481-1488.	8.2	1,219
3	$\alpha$ 3-integrin-deficient mice are a model for Glanzmann thrombasthenia showing placental defects and reduced survival. <i>Journal of Clinical Investigation</i> , 1999, 103, 229-238.	8.2	669
4	Mice lacking $\alpha$ 3 integrins are osteosclerotic because of dysfunctional osteoclasts. <i>Journal of Clinical Investigation</i> , 2000, 105, 433-440.	8.2	651
5	Osteoclasts: What Do They Do and How Do They Do It?. <i>American Journal of Pathology</i> , 2007, 170, 427-435.	3.8	603
6	IL-1 mediates TNF-induced osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2005, 115, 282-290.	8.2	564
7	Notch signaling maintains bone marrow mesenchymal progenitors by suppressing osteoblast differentiation. <i>Nature Medicine</i> , 2008, 14, 306-314.	30.7	532
8	Osteopetrosis. <i>New England Journal of Medicine</i> , 2004, 351, 2839-2849.	27.0	477
9	Accelerated bone mineral loss in HIV-infected patients receiving potent antiretroviral therapy. <i>Aids</i> , 2000, 14, F63-F67.	2.2	455
10	Renal Osteodystrophy. <i>New England Journal of Medicine</i> , 1995, 333, 166-175.	27.0	452
11	Successful Bone-Marrow Transplantation for Infantile Malignant Osteopetrosis. <i>New England Journal of Medicine</i> , 1980, 302, 701-708.	27.0	438
12	Autophagy Proteins Regulate the Secretory Component of Osteoclastic Bone Resorption. <i>Developmental Cell</i> , 2011, 21, 966-974.	7.0	401
13	Tumor Necrosis Factor- $\alpha$ Mediates Orthopedic Implant Osteolysis. <i>American Journal of Pathology</i> , 1999, 154, 203-210.	3.8	380
14	Osteoclasts: New Insights. <i>Bone Research</i> , 2013, 1, 11-26.	11.4	372
15	IL-1 mediates TNF-induced osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2005, 115, 282-290.	8.2	361
16	Glucocorticoids suppress bone formation via the osteoclast. <i>Journal of Clinical Investigation</i> , 2006, 116, 2152-2160.	8.2	330
17	The Osteoclast: Friend or Foe?. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2008, 3, 457-484.	22.4	318
18	alphavbeta3 and macrophage colony-stimulating factor: partners in osteoclast biology. <i>Immunological Reviews</i> , 2005, 208, 88-105.	6.0	293

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19	Vav3 regulates osteoclast function and bone mass. <i>Nature Medicine</i> , 2005, 11, 284-290.	30.7	268
20	Syk, c-Src, the $\alpha\text{v}\beta\text{3}$ integrin, and ITAM immunoreceptors, in concert, regulate osteoclastic bone resorption. <i>Journal of Cell Biology</i> , 2007, 176, 877-888.	5.2	263
21	The $\text{I}\kappa\text{B}$ Function of NF- $\kappa\text{B}$ p100 Controls Stimulated Osteoclastogenesis. <i>Journal of Experimental Medicine</i> , 2003, 198, 771-781.	8.5	260
22	M-CSF mediates TNF-induced inflammatory osteolysis. <i>Journal of Clinical Investigation</i> , 2005, 115, 3418-3427.	8.2	257
23	SHIP-deficient mice are severely osteoporotic due to increased numbers of hyper-resorptive osteoclasts. <i>Nature Medicine</i> , 2002, 8, 943-949.	30.7	237
24	NOTCH1 Regulates Osteoclastogenesis Directly in Osteoclast Precursors and Indirectly via Osteoblast Lineage Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 6509-6518.	3.4	202
25	Postmenopausal osteoporosis. <i>American Journal of Medicine</i> , 1982, 72, 193-202.	1.5	185
26	Interleukin-4 Reversibly Inhibits Osteoclastogenesis via Inhibition of NF- $\kappa\text{B}$ and Mitogen-activated Protein Kinase Signaling. <i>Journal of Biological Chemistry</i> , 2002, 277, 6622-6630.	3.4	183
27	Inflammatory osteolysis: a conspiracy against bone. <i>Journal of Clinical Investigation</i> , 2017, 127, 2030-2039.	8.2	182
28	Marrow Stromal Cells and Osteoclast Precursors Differentially Contribute to TNF- $\alpha$ -Induced Osteoclastogenesis In Vivo. <i>Journal of Immunology</i> , 2004, 173, 4838-4846.	0.8	175
29	c-Fms and the $\alpha\text{v}\beta\text{3}$ integrin collaborate during osteoclast differentiation. <i>Journal of Clinical Investigation</i> , 2003, 111, 749-758.	8.2	163
30	Characterization of the Osteoclast Ruffled Border Chloride Channel and Its Role in Bone Resorption. <i>Journal of Biological Chemistry</i> , 1997, 272, 18636-18643.	3.4	161
31	Dynamic changes in the osteoclast cytoskeleton in response to growth factors and cell attachment are controlled by $\beta\text{3}$ integrin. <i>Journal of Cell Biology</i> , 2003, 162, 499-509.	5.2	161
32	Intercellular Mitochondria Transfer to Macrophages Regulates White Adipose Tissue Homeostasis and Is Impaired in Obesity. <i>Cell Metabolism</i> , 2021, 33, 270-282.e8.	16.2	160
33	Crystal structure of the TRANCE/RANKL cytokine reveals determinants of receptor-ligand specificity. <i>Journal of Clinical Investigation</i> , 2001, 108, 971-979.	8.2	155
34	Mice deficient in Abl are osteoporotic and have defects in osteoblast maturation. <i>Nature Genetics</i> , 2000, 24, 304-308.	21.4	153
35	The osteoclast and its unique cytoskeleton. <i>Annals of the New York Academy of Sciences</i> , 2011, 1240, 14-17.	3.8	144
36	Tumor Necrosis Factor Receptors Types 1 and 2 Differentially Regulate Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2000, 275, 27307-27310.	3.4	138

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37	Tumor Necrosis Factor- $\alpha$ Activation of Nuclear Transcription Factor- $\beta$ in Marrow Macrophages Is Mediated by c-Src Tyrosine Phosphorylation of I $\beta$ B $\alpha$ . Journal of Biological Chemistry, 1998, 273, 29417-29423.	3.4	135
38	A Glanzmann $\alpha$ mutation in $\alpha$ 3 integrin specifically impairs osteoclast function. Journal of Clinical Investigation, 2001, 107, 1137-1144.	8.2	131
39	Soluble RANKL and Risk of Nontraumatic Fracture. JAMA - Journal of the American Medical Association, 2004, 291, 1108.	7.4	130
40	Rho Family GTPases Regulate VEGF-Stimulated Endothelial Cell Motility. Experimental Cell Research, 2001, 269, 73-87.	2.6	128
41	Osteoclasts; culprits in inflammatory osteolysis. Arthritis Research and Therapy, 2005, 8, 201.	3.5	120
42	Inflammatory carcinoma of the breast.A Pathologic Definition. Cancer, 1974, 33, 1045-1047.	4.1	116
43	DAP12 Couples c-Fms Activation to the Osteoclast Cytoskeleton by Recruitment of Syk. Molecular Cell, 2008, 31, 422-431.	9.7	116
44	Effects of Hypervitaminosis A on the Bone and Mineral Metabolism of the Rat*. Endocrinology, 1988, 122, 2933-2939.	2.8	115
45	Synaptotagmin VII Regulates Bone Remodeling by Modulating Osteoclast and Osteoblast Secretion. Developmental Cell, 2008, 14, 914-925.	7.0	114
46	Receptor Activator of Nuclear Factor- $\beta$ Ligand Activates Nuclear Factor- $\beta$ in Osteoclast Precursors*. Endocrinology, 2001, 142, 1290-1295.	2.8	112
47	Mouse Genome-Wide Association and Systems Genetics Identify Asxl2 As a Regulator of Bone Mineral Density and Osteoclastogenesis. PLoS Genetics, 2011, 7, e1002038.	3.5	108
48	IL $\alpha$ 7 mediates estrogen $\alpha$ deficient osteoporosis in an Act1 $\alpha$ dependent manner. Journal of Cellular Biochemistry, 2012, 113, 2895-2902.	2.6	107
49	Osteoclasts and Arthritis. Journal of Bone and Mineral Research, 2009, 24, 1142-1146.	2.8	106
50	Cdc42 regulates bone modeling and remodeling in mice by modulating RANKL/M-CSF signaling and osteoclast polarization. Journal of Clinical Investigation, 2010, 120, 1981-1993.	8.2	106
51	Bone Turnover in Bone Biopsies of Patients with Low-Energy Cortical Fractures Receiving Bisphosphonates: A Case Series. Calcified Tissue International, 2009, 85, 37-44.	3.1	105
52	The HIV protease inhibitor ritonavir blocks osteoclastogenesis and function by impairing RANKL-induced signaling. Journal of Clinical Investigation, 2004, 114, 206-213.	8.2	102
53	Osteoclasts, macrophages, and the molecular mechanisms of bone resorption. Journal of Leukocyte Biology, 1997, 61, 381-388.	3.3	100
54	RANKL Employs Distinct Binding Modes to Engage RANK and the Osteoprotegerin Decoy Receptor. Structure, 2012, 20, 1971-1982.	3.3	100

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55	Osteoclasts, integrins, and osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , 2000, 18, 344-349.	2.7	96
56	Substrate Recognition by Osteoclast Precursors Induces C-src/Microtubule Association. <i>Journal of Cell Biology</i> , 1997, 137, 247-258.	5.2	94
57	Transforming Growth Factor- $\beta$ 2 Up-regulates the $\alpha$ 5Integrin Subunit Expression via Sp1 and Smad Signaling. <i>Journal of Biological Chemistry</i> , 2000, 275, 36400-36406.	3.4	94
58	High dose M-CSF partially rescues the Dap12 $\beta$ osteoclast phenotype. <i>Journal of Cellular Biochemistry</i> , 2003, 90, 871-883.	2.6	94
59	Significant developmental elevation in serum parathyroid hormone levels in a large kindred with familial benign (hypocalciuric) hypercalcemia. <i>American Journal of Medicine</i> , 1992, 93, 247-258.	1.5	93
60	c-Fms and the $\alpha$ v $\beta$ 3 integrin collaborate during osteoclast differentiation. <i>Journal of Clinical Investigation</i> , 2003, 111, 749-758.	8.2	92
61	Rac deletion in osteoclasts causes severe osteopetrosis. <i>Journal of Cell Science</i> , 2011, 124, 3811-3821.	2.0	91
62	Direct Inhibition of NF- $\kappa$ B Blocks Bone Erosion Associated with Inflammatory Arthritis. <i>Journal of Immunology</i> , 2003, 171, 5547-5553.	0.8	89
63	Talin1 and Rap1 Are Critical for Osteoclast Function. <i>Molecular and Cellular Biology</i> , 2013, 33, 830-844.	2.3	87
64	Rab3D Regulates a Novel Vesicular Trafficking Pathway That Is Required for Osteoclastic Bone Resorption. <i>Molecular and Cellular Biology</i> , 2005, 25, 5253-5269.	2.3	86
65	Adipose tissue is a critical regulator of osteoarthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	85
66	Interleukin 4 inhibits murine osteoclast formation in vitro. <i>Journal of Cellular Biochemistry</i> , 1991, 47, 272-277.	2.6	82
67	Generation of Avian Cells Resembling Osteoclasts from Mononuclear Phagocytes*. <i>Endocrinology</i> , 1991, 128, 2324-2335.	2.8	80
68	TAT Fusion Proteins Containing Tyrosine 42-deleted $\alpha$ v $\beta$ 3 Arrest Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 30499-30503.	3.4	79
69	Unoccupied $\alpha$ v $\beta$ 3Integrin Regulates Osteoclast Apoptosis by Transmitting a Positive Death Signal. <i>Molecular Endocrinology</i> , 2005, 19, 771-780.	3.7	79
70	RANKing c-Jun in osteoclast development. <i>Journal of Clinical Investigation</i> , 2004, 114, 463-465.	8.2	78
71	FHL2 inhibits the activated osteoclast in a TRAF6-dependent manner. <i>Journal of Clinical Investigation</i> , 2005, 115, 2742-2751.	8.2	78
72	Do Parathyroid Hormone and 1,25-Dihydroxyvitamin D Modulate Bone Formation In Uremia**. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1980, 51, 247-251.	3.6	69

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73	Integrins, growth factors, and the osteoclast cytoskeleton. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 27-31.	3.8	69
74	Regulation of $\alpha 3$ and $\alpha 5$ integrins by dexamethasone in normal human osteoblastic cells. , 2000, 77, 265-276.		65
75	Postmenopausal osteoporosis, T cells, and immune dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16711-16712.	7.1	61
76	c-Fms Tyrosine 559 Is a Major Mediator of M-CSF-induced Proliferation of Primary Macrophages. <i>Journal of Biological Chemistry</i> , 2007, 282, 18980-18990.	3.4	61
77	Parathyroid Hormone Inhibits Collagen Synthesis at Both Ribonucleic Acid and Protein Levels in Rat Osteogenic Sarcoma Cells. <i>Molecular Endocrinology</i> , 1989, 3, 232-239.	3.7	59
78	Antagonizing Integrin $\alpha 3$ Increases Immunosuppression in Cancer. <i>Cancer Research</i> , 2016, 76, 3484-3495.	0.9	58
79	c-Src Links a RANK/ $\alpha 3$ Integrin Complex to the Osteoclast Cytoskeleton. <i>Molecular and Cellular Biology</i> , 2012, 32, 2943-2953.	2.3	57
80	Tumor necrosis factor- $\alpha$ mediates polymethylmethacrylate particle-induced NF- $\kappa$ B activation in osteoclast precursor cells. <i>Journal of Orthopaedic Research</i> , 2002, 20, 174-181.	2.3	55
81	Stem Cells and Osteoporosis Therapy. <i>Cell Stem Cell</i> , 2010, 7, 553-554.	11.1	55
82	ASXL2 Regulates Glucose, Lipid, and Skeletal Homeostasis. <i>Cell Reports</i> , 2015, 11, 1625-1637.	6.4	55
83	Molecular mechanisms of bone resorption. <i>Journal of Cellular Biochemistry</i> , 1995, 59, 1-10.	2.6	54
84	Critical Role of $\alpha 3$ Integrin in Experimental Postmenopausal Osteoporosis. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 2116-2123.	2.8	54
85	SHIP1 Negatively Regulates Proliferation of Osteoclast Precursors via Akt-Dependent Alterations in D-Type Cyclins and p27. <i>Journal of Immunology</i> , 2006, 177, 8777-8784.	0.8	53
86	Mice Lacking the Integrin 5 Subunit Have Accelerated Osteoclast Maturation and Increased Activity in the Estrogen-Deficient State. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 58-66.	2.8	53
87	Interleukin-4 Induces Expression of the Integrin $\alpha 3$ via Transactivation of the $\alpha 3$ Gene. <i>Journal of Biological Chemistry</i> , 1995, 270, 4115-4120.	3.4	52
88	Glucocorticoids and the Osteoclast. <i>Annals of the New York Academy of Sciences</i> , 2007, 1116, 335-339.	3.8	52
89	Ablation of Fat Cells in Adult Mice Induces Massive Bone Gain. <i>Cell Metabolism</i> , 2020, 32, 801-813.e6.	16.2	51
90	Dissection of platelet and myeloid cell defects by conditional targeting of the $\alpha 3$ integrin subunit. <i>FASEB Journal</i> , 2010, 24, 1117-1127.	0.5	49

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91	Noninvasive imaging of osteoclasts in parathyroid hormone-induced osteolysis using a <sup>64</sup> Cu-labeled RGD peptide. <i>Journal of Nuclear Medicine</i> , 2007, 48, 311-8.	5.0	49
92	Histological analysis of undecalcified thin sections of archeological bone. <i>American Journal of Physical Anthropology</i> , 1976, 44, 263-269.	2.1	48
93	Recent Advances Toward Understanding Osteoclast Physiology. <i>Clinical Orthopaedics and Related Research</i> , 1993, 294, 7-22.	1.5	48
94	PGC1 $\beta$ Organizes the Osteoclast Cytoskeleton by Mitochondrial Biogenesis and Activation. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1114-1125.	2.8	48
95	Should bisphosphonates be used for long-term treatment of glucocorticoid-induced osteoporosis?. <i>Arthritis and Rheumatism</i> , 2011, 63, 325-328.	6.7	47
96	Absence of Dap12 and the $\alpha$ v $\beta$ 3 integrin causes severe osteopetrosis. <i>Journal of Cell Biology</i> , 2015, 208, 125-136.	5.2	47
97	Partial Characterization of a Parathyroid Hormone-Stimulated Resorption Factor(s) from Osteoblast-Like Cells*. <i>Endocrinology</i> , 1989, 125, 2075-2082.	2.8	46
98	The LIM Protein, LIMD1, Regulates AP-1 Activation through an Interaction with TRAF6 to Influence Osteoclast Development. <i>Journal of Biological Chemistry</i> , 2007, 282, 39-48.	3.4	46
99	M-CSF Regulates the Cytoskeleton via Recruitment of a Multimeric Signaling Complex to c-Fms Tyr-559/697/721. <i>Journal of Biological Chemistry</i> , 2007, 282, 18991-18999.	3.4	46
100	The Src family kinase, Lyn, suppresses osteoclastogenesis in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2325-2330.	7.1	46
101	Juvenile paget disease: Life-long features of a mildly affected young woman. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 132-142.	2.8	46
102	Painful diffuse osteosclerosis after intravenous drug abuse. <i>American Journal of Medicine</i> , 1992, 93, 371-381.	1.5	45
103	Calpain-6, a target molecule of glucocorticoids, regulates osteoclastic bone resorption via cytoskeletal organization and microtubule acetylation. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 657-665.	2.8	45
104	Vinculin Regulates Osteoclast Function. <i>Journal of Biological Chemistry</i> , 2014, 289, 13554-13564.	3.4	45
105	Depression, Antidepressants, and Bone Health in Older Adults: A Systematic Review. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 1434-1441.	2.6	43
106	Granulocyte Macrophage-Colony Stimulating Factor Reciprocally Regulates $\alpha$ v-Associated Integrins on Murine Osteoclast Precursors. <i>Molecular Endocrinology</i> , 1998, 12, 1955-1962.	3.7	42
107	Expression and Regulation of RAB3 Proteins in Osteoclasts and Their Precursors. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 1855-1860.	2.8	41
108	Sp1/Sp3 and PU.1 Differentially Regulate $\alpha$ 5 Integrin Gene Expression in Macrophages and Osteoblasts. <i>Journal of Biological Chemistry</i> , 2000, 275, 8331-8340.	3.4	41

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109	Osteoclasts and Integrins. <i>Annals of the New York Academy of Sciences</i> , 2006, 1068, 95-99.	3.8	41
110	Hypertrophic Chondrocytes Produce Immunoreactive Collagenase in Vivo. <i>Connective Tissue Research</i> , 1989, 23, 65-73.	2.3	39
111	Tyrosines 559 and 807 in the Cytoplasmic Tail of the Macrophage Colony-Stimulating Factor Receptor Play Distinct Roles in Osteoclast Differentiation and Function. <i>Endocrinology</i> , 2002, 143, 4868-4874.	2.8	39
112	Tumor Necrosis Factor Receptor-associated Factor 6 Is an Intranuclear Transcriptional Coactivator in Osteoclasts. <i>Journal of Biological Chemistry</i> , 2008, 283, 30861-30867.	3.4	39
113	Correlating RANK Ligand/RANK Binding Kinetics With Osteoclast Formation and Function. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2476-2483.	2.6	39
114	Receptor Activator of Nuclear Factor- $\kappa$ B Ligand Activates Nuclear Factor- $\kappa$ B in Osteoclast Precursors. <i>Endocrinology</i> , 2001, 142, 1290-1295.	2.8	38
115	SLP-76 Couples Syk to the Osteoclast Cytoskeleton. <i>Journal of Immunology</i> , 2009, 183, 1804-1812.	0.8	37
116	Doubling skeletal mass during adult life: The syndrome of diffuse osteosclerosis after intravenous drug abuse. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 554-558.	2.8	37
117	An Insulin-Sensitizing Thiazolidinedione, Which Minimally Activates PPAR $\gamma$ , Does Not Cause Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 481-488.	2.8	37
118	Tumor Necrosis Factor $\alpha$ Regulates $\alpha$ v $\beta$ 5 Integrin Expression by Osteoclast Precursors in Vitro and in Vivo. <i>Endocrinology</i> , 2000, 141, 284-290.	2.8	36
119	Mice Lacking the Integrin $\beta$ 5 Subunit Have Accelerated Osteoclast Maturation and Increased Activity in the Estrogen-Deficient State. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 58-66.	2.8	35
120	RANKing c-Jun in osteoclast development. <i>Journal of Clinical Investigation</i> , 2004, 114, 463-465.	8.2	34
121	Defects in osteoblast function but no changes in long-term repopulating potential of hematopoietic stem cells in a mouse chronic inflammatory arthritis model. <i>Blood</i> , 2009, 114, 4402-4410.	1.4	33
122	Cloning and characterization of the murine $\beta$ 3 integrin gene promoter: Identification of an interleukin-4 responsive element and regulation by STAT-6. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 320-332.	2.6	32
123	Congenital lipodystrophy induces severe osteosclerosis. <i>PLoS Genetics</i> , 2019, 15, e1008244.	3.5	32
124	Parafollicular Cells in the Normal Human Thyroid. <i>Nature</i> , 1971, 230, 334-335.	27.8	31
125	Cytoskeletal dysfunction dominates in DAP12-deficient osteoclasts. <i>Journal of Cell Science</i> , 2010, 123, 2955-2963.	2.0	31
126	Receptor-mediated uptake of a mannose-6-phosphate bearing glycoprotein by isolated chicken osteoclasts. <i>Journal of Cellular Physiology</i> , 1988, 137, 476-482.	4.1	30



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127	1,25 dihydroxyvitamin D3 and dexamethasone induce the cyclooxygenase 1 gene in osteoclast-supporting stromal cells. <i>Journal of Cellular Biochemistry</i> , 1999, 74, 587-595.	2.6	29
128	Oophorectomy-induced bone loss is attenuated in MAGP1-deficient mice. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 93-99.	2.6	29
129	PPAR- $\delta$ regulates pharmacological but not physiological or pathological osteoclast formation. <i>Nature Medicine</i> , 2016, 22, 1203-1205.	30.7	29
130	Paget Bone Disease Involving Young Adults in 3 Generations of a Korean Family. <i>Medicine (United States)</i> 100(10):28-31. <a href="#">DOI: 10.1093/med/100.10.28</a>	1.0	28
131	Osteoporosis and Integrins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2466-2468.	3.6	28
132	Idiopathic Multicentric Osteolysis. <i>Arthritis and Rheumatism</i> , 1978, 21, 367-376.	6.7	27
133	Fat-Produced Adipsin Regulates Inflammatory Arthritis. <i>Cell Reports</i> , 2019, 27, 2809-2816.e3.	6.4	27
134	Microfibril-associated Glycoprotein-1, an Extracellular Matrix Regulator of Bone Remodeling. <i>Journal of Biological Chemistry</i> , 2010, 285, 23858-23867.	3.4	26
135	Avian osteoblast conditioned media stimulate bone resorption by targeting multinucleating osteoclast precursors. <i>Calcified Tissue International</i> , 1992, 51, 317-323.	3.1	25
136	Osteoclast-specific inactivation of the integrin-linked kinase (ILK) inhibits bone resorption. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 960-967.	2.6	25
137	Competition for a Unique Response Element Mediates Retinoic Acid Inhibition of Vitamin D3-stimulated Transcription. <i>Journal of Biological Chemistry</i> , 1996, 271, 20650-20654.	3.4	24
138	Hepatic lipids promote liver metastasis. <i>JCI Insight</i> , 2020, 5, .	5.0	24
139	C cell follicles in the dog thyroid: Demonstration by in vivo perfusion. <i>The Anatomical Record</i> , 1970, 168, 69-77.	1.8	23
140	1,25-Dihydroxyvitamin D <sub>3</sub> Modulates Colony-Stimulating Factor-1 Receptor Binding by Murine Bone Marrow Macrophage Precursors*. <i>Endocrinology</i> , 1991, 128, 303-311.	2.8	22
141	Retinoic acid stimulates expression of the functional osteoclast integrin $\alpha$ <sub>v</sub> $\beta$ <sub>3</sub> : Transcriptional activation of the $\beta$ <sub>3</sub> but not the $\alpha$ <sub>v</sub> gene. <i>Journal of Cellular Biochemistry</i> , 1996, 62, 467-475.	2.6	22
142	Therapeutic implications of suppressing osteoclast formation versus function. <i>Rheumatology</i> , 2016, 55, ii61-ii63.	1.9	22
143	ASXL1 impairs osteoclast formation by epigenetic regulation of NFATc1. <i>Blood Advances</i> , 2018, 2, 2467-2477.	5.2	21
144	Novel Pure $\alpha$ <sub>v</sub> $\beta$ <sub>3</sub> Integrin Antagonists That Do Not Induce Receptor Extension, Prime the Receptor, or Enhance Angiogenesis at Low Concentrations. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 387-401.	4.9	21

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145	1,25-dihydroxyvitamin D3 regulates pp60c-src activity and expression of a pp60c-src activating phosphatase. , 1997, 67, 432-438.		20
146	Cloning of the Murine $\alpha 5$ Integrin Subunit Promoter. Journal of Biological Chemistry, 1999, 274, 1366-1374.	3.4	20
147	Fyn promotes proliferation, differentiation, survival and function of osteoclast lineage cells. Journal of Cellular Biochemistry, 2010, 111, 1107-1113.	2.6	20
148	Glucocorticoids and the osteoclast. Clinical and Experimental Rheumatology, 2015, 33, S37-9.	0.8	19
149	The Integrin $\alpha v \beta 5$ Is Expressed on Avian Osteoclast Precursors and Regulated by Retinoic Acid. Journal of Bone and Mineral Research, 1999, 14, 32-38.	2.8	18
150	Paxillin contracts the osteoclast cytoskeleton. Journal of Bone and Mineral Research, 2012, 27, 2490-2500.	2.8	18
151	Genetic variation in the serotonin transporter and HTR1B receptor predicts reduced bone formation during serotonin reuptake inhibitor treatment in older adults. World Journal of Biological Psychiatry, 2014, 15, 404-410.	2.6	17
152	Syk Tyrosine 317 Negatively Regulates Osteoclast Function via the Ubiquitin-Protein Isopeptide Ligase Activity of Cbl. Journal of Biological Chemistry, 2009, 284, 18833-18839.	3.4	16
153	The conundrum of glucocorticoid-induced osteoporosis. Nature Reviews Endocrinology, 2012, 8, 451-452.	9.6	15
154	Tumor Necrosis Factor $\alpha$ Regulates $\alpha v \beta 5$ Integrin Expression by Osteoclast Precursors in Vitro and in Vivo. Endocrinology, 2000, 141, 284-290.	2.8	15
155	Bone Weighs in on Obesity. Cell, 2007, 130, 409-411.	28.9	13
156	Src-like adaptor protein regulates osteoclast generation and survival. Journal of Cellular Biochemistry, 2010, 110, 201-209.	2.6	13
157	Congenital disorders of bone and blood. Bone, 2019, 119, 71-81.	2.9	13
158	Myeloid-specific Asxl2 deletion limits diet-induced obesity by regulating energy expenditure. Journal of Clinical Investigation, 2020, 130, 2644-2656.	8.2	13
159	Does Strict Phosphorus Control Precipitate Renal Osteomalacia*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 747-752.	3.6	12
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