Steven L Teitelbaum

List of Publications by Year in Descending Order

181 papers	17,229 citations	68 h-index	129 g-index
194 ext. papers	18,667 ext. citations	10.6 avg, IF	6.65 L-index

#	Paper	IF	Citations
181	ThPOK Inhibits Osteoclast Formation Via NFATc1 Transcription and Function.. *JBMR Plus*, **2022**, 6, e10613	3.9	
180	Adipose tissue is a critical regulator of osteoarthritis. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	27
179	Intercellular Mitochondria Transfer to Macrophages Regulates White Adipose Tissue Homeostasis and Is Impaired in Obesity. *Cell Metabolism*, **2021**, 33, 270-282.e8	24.6	43
178	Hepatic lipids promote liver metastasis. *JCI Insight*, **2020**, 5,	9.9	10
177	Myeloid-specific Asxl2 deletion limits diet-induced obesity by regulating energy expenditure. *Journal of Clinical Investigation*, **2020**, 130, 2644-2656	15.9	4
176	Ablation of Fat Cells in Adult Mice Induces Massive Bone Gain. *Cell Metabolism*, **2020**, 32, 801-813.e6	24.6	25
175	Fat-Produced Adipsin Regulates Inflammatory Arthritis. *Cell Reports*, **2019**, 27, 2809-2816.e3	10.6	15
174	Novel Pure V3 Integrin Antagonists That Do Not Induce Receptor Extension, Prime the Receptor, or Enhance Angiogenesis at Low Concentrations. *ACS Pharmacology and Translational Science*, **2019**, 2, 387-401	5.9	10
173	Congenital lipodystrophy induces severe osteosclerosis. *PLoS Genetics*, **2019**, 15, e1008244	6	12
172	Congenital disorders of bone and blood. *Bone*, **2019**, 119, 71-81	4.7	5
171	PGC1 Organizes the Osteoclast Cytoskeleton by Mitochondrial Biogenesis and Activation. *Journal of Bone and Mineral Research*, **2018**, 33, 1114-1125	6.3	30
170	ASXL1 impairs osteoclast formation by epigenetic regulation of NFATc1. *Blood Advances*, **2018**, 2, 2467-2477	7.8	14
169	Inflammatory osteolysis: a conspiracy against bone. *Journal of Clinical Investigation*, **2017**, 127, 2030-2039	15.9	124
168	Therapeutic implications of suppressing osteoclast formation versus function. *Rheumatology*, **2016**, 55, ii61-ii63	3.9	15
167	PPAR- regulates pharmacological but not physiological or pathological osteoclast formation. *Nature Medicine*, **2016**, 22, 1203-1205	50.5	18
166	Osteoclast Biology: Regulation of Formation and Function **2016**, 41-70		4
165	Antagonizing Integrin 3 Increases Immunosuppression in Cancer. *Cancer Research*, **2016**, 76, 3484-95	10.1	45

164	ASXL2 Regulates Glucose, Lipid, and Skeletal Homeostasis. *Cell Reports*, **2015**, 11, 1625-37	10.6	34
163	An insulin-sensitizing thiazolidinedione, which minimally activates PPAR□does not cause bone loss. *Journal of Bone and Mineral Research*, **2015**, 30, 481-8	6.3	28
162	Correlating RANK ligand/RANK binding kinetics with osteoclast formation and function. *Journal of Cellular Biochemistry*, **2015**, 116, 2476-83	4.7	27
161	Absence of Dap12 and the □□ integrin causes severe osteopetrosis. *Journal of Cell Biology*, **2015**, 208, 125-36	7.3	39
160	Glucocorticoids and the osteoclast. *Clinical and Experimental Rheumatology*, **2015**, 33, S37-9	2.2	18
159	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, 404-10	3.8	15
158	Depression, antidepressants, and bone health in older adults: a systematic review. *Journal of the American Geriatrics Society*, **2014**, 62, 1434-41	5.6	37
157	Vinculin regulates osteoclast function. *Journal of Biological Chemistry*, **2014**, 289, 13554-64	5.4	30
156	Manipulation of receptor oligomerization as a strategy to inhibit signaling by TNF superfamily members. *Science Signaling*, **2014**, 7, ra80	8.8	11
155	Type I phosphotidylinosotol 4-phosphate 5-kinase □regulates osteoclasts in a bifunctional manner. *Journal of Biological Chemistry*, **2013**, 288, 5268-77	5.4	3
154	Zap70 inhibits Syk-mediated osteoclast function. *Journal of Cellular Biochemistry*, **2013**, 114, 1871-8	4.7	9
153	Talin1 and Rap1 are critical for osteoclast function. *Molecular and Cellular Biology*, **2013**, 33, 830-44	4.8	65
152	Osteoclasts: New Insights. *Bone Research*, **2013**, 1, 11-26	13.3	246
151	DAP12 Regulates the Osteoclast Cytoskeleton **2013**, 115-120		
150	Oophorectomy-induced bone loss is attenuated in MAGP1-deficient mice. *Journal of Cellular Biochemistry*, **2012**, 113, 93-9	4.7	22
149	RANKL employs distinct binding modes to engage RANK and the osteoprotegerin decoy receptor. *Structure*, **2012**, 20, 1971-82	5.2	85
148	Paxillin contracts the osteoclast cytoskeleton. *Journal of Bone and Mineral Research*, **2012**, 27, 2490-500	6.3	13
147	Halofuginone prevents estrogen-deficient osteoporosis in mice. *Journal of Cellular Biochemistry*, **2012**, 113, 3086-92	4.7	8

146	IL-17 mediates estrogen-deficient osteoporosis in an Act1-dependent manner. *Journal of Cellular Biochemistry*, **2012**, 113, 2895-902	4.7	76
145	c-Src links a RANK/□□ integrin complex to the osteoclast cytoskeleton. *Molecular and Cellular Biology*, **2012**, 32, 2943-53	4.8	51
144	Comparative proteomic analysis of a cytosolic fraction from □ integrin-deficient cells. *Cancer Genomics and Proteomics*, **2012**, 9, 1-13	3.3	
143	The Osteoclast **2011**, 141-185		2
142	The osteoclast cytoskeleton: How does it work?. *IBMS BoneKEy*, **2011**, 8, 74-83		8
141	Autophagy proteins regulate the secretory component of osteoclastic bone resorption. *Developmental Cell*, **2011**, 21, 966-74	10.2	329
140	The osteoclast and its unique cytoskeleton. *Annals of the New York Academy of Sciences*, **2011**, 1240, 14-7	6.5	111
139	Calpain-6, a target molecule of glucocorticoids, regulates osteoclastic bone resorption via cytoskeletal organization and microtubule acetylation. *Journal of Bone and Mineral Research*, **2011**, 26, 657-65	6.3	37
138	Should bisphosphonates be used for long-term treatment of glucocorticoid-induced osteoporosis?. *Arthritis and Rheumatism*, **2011**, 63, 325-8		42
137	Rac deletion in osteoclasts causes severe osteopetrosis. *Journal of Cell Science*, **2011**, 124, 3811-21	5.3	75
136	Mouse genome-wide association and systems genetics identify Asxl2 as a regulator of bone mineral density and osteoclastogenesis. *PLoS Genetics*, **2011**, 7, e1002038	6	95
135	Integrins, growth factors, and the osteoclast cytoskeleton. *Annals of the New York Academy of Sciences*, **2010**, 1192, 27-31	6.5	58
134	Cytoskeletal dysfunction dominates in DAP12-deficient osteoclasts. *Journal of Cell Science*, **2010**, 123, 2955-63	5.3	27
133	Dissection of platelet and myeloid cell defects by conditional targeting of the beta3-integrin subunit. *FASEB Journal*, **2010**, 24, 1117-27	0.9	37
132	Microfibril-associated glycoprotein-1, an extracellular matrix regulator of bone remodeling. *Journal of Biological Chemistry*, **2010**, 285, 23858-67	5.4	21
131	Stem cells and osteoporosis therapy. *Cell Stem Cell*, **2010**, 7, 553-4	18	47
130	Src-like adaptor protein regulates osteoclast generation and survival. *Journal of Cellular Biochemistry*, **2010**, 110, 201-9	4.7	11
129	Osteoclast-specific inactivation of the integrin-linked kinase (ILK) inhibits bone resorption. *Journal of Cellular Biochemistry*, **2010**, 110, 960-7	4.7	21

128	Fyn promotes proliferation, differentiation, survival and function of osteoclast lineage cells. *Journal of Cellular Biochemistry*, **2010**, 111, 1107-13	4.7	15
127	Cdc42 regulates bone modeling and remodeling in mice by modulating RANKL/M-CSF signaling and osteoclast polarization. *Journal of Clinical Investigation*, **2010**, 120, 1981-93	15.9	93
126	How do bone cells secrete proteins?. *Advances in Experimental Medicine and Biology*, **2010**, 658, 105-9	3.6	3
125	The Src family kinase, Lyn, suppresses osteoclastogenesis in vitro and in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 2325-30	11.5	41
124	SLP-76 couples Syk to the osteoclast cytoskeleton. *Journal of Immunology*, **2009**, 183, 1804-12	5.3	34
123	Syk tyrosine 317 negatively regulates osteoclast function via the ubiquitin-protein isopeptide ligase activity of Cbl. *Journal of Biological Chemistry*, **2009**, 284, 18833-9	5.4	16
122	Bone turnover in bone biopsies of patients with low-energy cortical fractures receiving bisphosphonates: a case series. *Calcified Tissue International*, **2009**, 85, 37-44	3.9	89
121	Osteoclasts and arthritis. *Journal of Bone and Mineral Research*, **2009**, 24, 1142-6	6.3	86
120	Defects in osteoblast function but no changes in long-term repopulating potential of hematopoietic stem cells in a mouse chronic inflammatory arthritis model. *Blood*, **2009**, 114, 4402-10	2.2	28
119	Notch signaling maintains bone marrow mesenchymal progenitors by suppressing osteoblast differentiation. *Nature Medicine*, **2008**, 14, 306-14	50.5	474
118	The osteoclast: friend or foe?. *Annual Review of Pathology: Mechanisms of Disease*, **2008**, 3, 457-84	34	266
117	DAP12 couples c-Fms activation to the osteoclast cytoskeleton by recruitment of Syk. *Molecular Cell*, **2008**, 31, 422-31	17.6	97
116	Synaptotagmin VII regulates bone remodeling by modulating osteoclast and osteoblast secretion. *Developmental Cell*, **2008**, 14, 914-25	10.2	94
115	Tumor necrosis factor receptor-associated factor 6 is an intranuclear transcriptional coactivator in osteoclasts. *Journal of Biological Chemistry*, **2008**, 283, 30861-7	5.4	31
114	Hematopoietic vs embryonic sources for stem cell research. *JAMA - Journal of the American Medical Association*, **2008**, 299, 2746; author reply 2746-7	27.4	1
113	NOTCH1 regulates osteoclastogenesis directly in osteoclast precursors and indirectly via osteoblast lineage cells. *Journal of Biological Chemistry*, **2008**, 283, 6509-18	5.4	173
112	Glucocorticoids and the osteoclast. *Annals of the New York Academy of Sciences*, **2007**, 1116, 335-9	6.5	47
111	The LIM protein, Limd1, regulates AP-1 activation through an interaction with Traf6 to influence osteoclast development. *Journal of Biological Chemistry*, **2007**, 282, 39-48	5.4	43

110	M-CSF regulates the cytoskeleton via recruitment of a multimeric signaling complex to c-Fms Tyr-559/697/721. *Journal of Biological Chemistry*, **2007**, 282, 18991-9	5.4	43
109	Syk, c-Src, the alphavbeta3 integrin, and ITAM immunoreceptors, in concert, regulate osteoclastic bone resorption. *Journal of Cell Biology*, **2007**, 176, 877-88	7.3	234
108	c-Fms tyrosine 559 is a major mediator of M-CSF-induced proliferation of primary macrophages. *Journal of Biological Chemistry*, **2007**, 282, 18980-90	5.4	52
107	Bone weighs in on obesity. *Cell*, **2007**, 130, 409-11	56.2	11
106	Osteoclasts: what do they do and how do they do it?. *American Journal of Pathology*, **2007**, 170, 427-35	5.8	518
105	Noninvasive imaging of osteoclasts in parathyroid hormone-induced osteolysis using a 64Cu-labeled RGD peptide. *Journal of Nuclear Medicine*, **2007**, 48, 311-8	8.9	45
104	Syk, c-Src, the □3 integrin, and ITAM immunoreceptors, in concert, regulate osteoclastic bone resorption. *Journal of Experimental Medicine*, **2007**, 204, i8-i8	16.6	
103	Dexamethsone suppresses bone formation via the osteoclast. *Advances in Experimental Medicine and Biology*, **2007**, 602, 43-6	3.6	10
102	Glucocorticoids suppress bone formation via the osteoclast. *Journal of Clinical Investigation*, **2006**, 116, 2152-60	15.9	281
101	SHIP1 negatively regulates proliferation of osteoclast precursors via Akt-dependent alterations in D-type cyclins and p27. *Journal of Immunology*, **2006**, 177, 8777-84	5.3	51
100	Osteoclasts; culprits in inflammatory osteolysis. *Arthritis Research and Therapy*, **2006**, 8, 201	5.7	107
99	Osteoclasts and integrins. *Annals of the New York Academy of Sciences*, **2006**, 1068, 95-9	6.5	36
98	Mice lacking the integrin beta5 subunit have accelerated osteoclast maturation and increased activity in the estrogen-deficient state. *Journal of Bone and Mineral Research*, **2005**, 20, 58-66	6.3	26
97	Critical role of beta3 integrin in experimental postmenopausal osteoporosis. *Journal of Bone and Mineral Research*, **2005**, 20, 2116-23	6.3	46
96	Vav3 regulates osteoclast function and bone mass. *Nature Medicine*, **2005**, 11, 284-90	50.5	245
95	alphavbeta3 and macrophage colony-stimulating factor: partners in osteoclast biology. *Immunological Reviews*, **2005**, 208, 88-105	11.3	254
94	Osteoporosis and integrins. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 2466-8	5.6	22
93	Unoccupied alpha(v)beta3 integrin regulates osteoclast apoptosis by transmitting a positive death signal. *Molecular Endocrinology*, **2005**, 19, 771-80		74

92	Rab3D regulates a novel vesicular trafficking pathway that is required for osteoclastic bone resorption. *Molecular and Cellular Biology*, **2005**, 25, 5253-69	4.8	76
91	IL-1 mediates TNF-induced osteoclastogenesis. *Journal of Clinical Investigation*, **2005**, 115, 282-290	15.9	477
90	IL-1 mediates TNF-induced osteoclastogenesis. *Journal of Clinical Investigation*, **2005**, 115, 282-90	15.9	260
89	FHL2 inhibits the activated osteoclast in a TRAF6-dependent manner. *Journal of Clinical Investigation*, **2005**, 115, 2742-51	15.9	73
88	M-CSF mediates TNF-induced inflammatory osteolysis. *Journal of Clinical Investigation*, **2005**, 115, 3418-27	15.9	219
87	Mice Lacking the Integrin 5 Subunit Have Accelerated Osteoclast Maturation and Increased Activity in the Estrogen-Deficient State. *Journal of Bone and Mineral Research*, **2005**, 20, 58-66	6.3	46
86	Postmenopausal osteoporosis, T cells, and immune dysfunction. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 16711-2	11.5	57
85	Marrow stromal cells and osteoclast precursors differentially contribute to TNF-alpha-induced osteoclastogenesis in vivo. *Journal of Immunology*, **2004**, 173, 4838-46	5.3	152
84	Soluble RANKL and risk of nontraumatic fracture. *JAMA - Journal of the American Medical Association*, **2004**, 291, 1108-13	27.4	106
83	Osteopetrosis. *New England Journal of Medicine*, **2004**, 351, 2839-49	59.2	418
82	The HIV protease inhibitor ritonavir blocks osteoclastogenesis and function by impairing RANKL-induced signaling. *Journal of Clinical Investigation*, **2004**, 114, 206-13	15.9	94
81	RANKing c-Jun in osteoclast development. *Journal of Clinical Investigation*, **2004**, 114, 463-465	15.9	73
80	RANKing c-Jun in osteoclast development. *Journal of Clinical Investigation*, **2004**, 114, 463-5	15.9	28
79	Dynamic changes in the osteoclast cytoskeleton in response to growth factors and cell attachment are controlled by beta3 integrin. *Journal of Cell Biology*, **2003**, 162, 499-509	7.3	150
78	High dose M-CSF partially rescues the Dap12-/- osteoclast phenotype. *Journal of Cellular Biochemistry*, **2003**, 90, 871-83	4.7	89
77	Genetic regulation of osteoclast development and function. *Nature Reviews Genetics*, **2003**, 4, 638-49	30.1	1297
76	The IkappaB function of NF-kappaB2 p100 controls stimulated osteoclastogenesis. *Journal of Experimental Medicine*, **2003**, 198, 771-81	16.6	234
75	Direct inhibition of NF-kappa B blocks bone erosion associated with inflammatory arthritis. *Journal of Immunology*, **2003**, 171, 5547-53	5.3	84

74	c-Fms and the alphavbeta3 integrin collaborate during osteoclast differentiation. *Journal of Clinical Investigation*, **2003**, 111, 749-58	15.9	78
73	c-Fms and the VB integrin collaborate during osteoclast differentiation. *Journal of Clinical Investigation*, **2003**, 111, 749-758	15.9	147
72	SHIP-deficient mice are severely osteoporotic due to increased numbers of hyper-resorptive osteoclasts. *Nature Medicine*, **2002**, 8, 943-9	50.5	214
71	Tumor necrosis factor-alpha mediates polymethylmethacrylate particle-induced NF-kappaB activation in osteoclast precursor cells. *Journal of Orthopaedic Research*, **2002**, 20, 174-81	3.8	51
70	Interleukin-4 reversibly inhibits osteoclastogenesis via inhibition of NF-kappa B and mitogen-activated protein kinase signaling. *Journal of Biological Chemistry*, **2002**, 277, 6622-30	5.4	165
69	Tyrosines 559 and 807 in the cytoplasmic tail of the macrophage colony-stimulating factor receptor play distinct roles in osteoclast differentiation and function. *Endocrinology*, **2002**, 143, 4868-74	4.8	37
68	Cloning and characterization of the murine beta(3) integrin gene promoter: identification of an interleukin-4 responsive element and regulation by STAT-6. *Journal of Cellular Biochemistry*, **2001**, 81, 320-32	4.7	29
67	TAT fusion proteins containing tyrosine 42-deleted IkappaBalpha arrest osteoclastogenesis. *Journal of Biological Chemistry*, **2001**, 276, 30499-503	5.4	72
66	Receptor activator of nuclear factor-kappa b ligand activates nuclear factor-kappa b in osteoclast precursors. *Endocrinology*, **2001**, 142, 1290-5	4.8	105
65	Rho family GTPases regulate VEGF-stimulated endothelial cell motility. *Experimental Cell Research*, **2001**, 269, 73-87	4.2	121
64	A GlanzmannS mutation in beta 3 integrin specifically impairs osteoclast function. *Journal of Clinical Investigation*, **2001**, 107, 1137-44	15.9	120
63	Crystal structure of the TRANCE/RANKL cytokine reveals determinants of receptor-ligand specificity. *Journal of Clinical Investigation*, **2001**, 108, 971-9	15.9	139
62	Osteoclast Biology **2001**, 73-105		5
61	Accelerated bone mineral loss in HIV-infected patients receiving potent antiretroviral therapy. *Aids*, **2000**, 14, F63-7	3.5	386
60	Dr. Louis V. Avioli, 1931-1999. *Journal of Cellular Biochemistry*, **2000**, 76, 353-353	4.7	
59	Regulation of alphaVbeta3 and alphaVbeta5 integrins by dexamethasone in normal human osteoblastic cells. *Journal of Cellular Biochemistry*, **2000**, 77, 265-76	4.7	56
58	Mice deficient in Abl are osteoporotic and have defects in osteoblast maturation. *Nature Genetics*, **2000**, 24, 304-8	36.3	139
57	Osteoclasts, integrins, and osteoporosis. *Journal of Bone and Mineral Metabolism*, **2000**, 18, 344-9	2.9	86

56	TNF-alpha induces osteoclastogenesis by direct stimulation of macrophages exposed to permissive levels of RANK ligand. *Journal of Clinical Investigation*, **2000**, 106, 1481-8	15.9	1021
55	Sp1/Sp3 and PU.1 differentially regulate beta(5) integrin gene expression in macrophages and osteoblasts. *Journal of Biological Chemistry*, **2000**, 275, 8331-40	5.4	37
54	Tumor necrosis factor alpha regulates alpha(v)beta5 integrin expression by osteoclast precursors in vitro and in vivo. *Endocrinology*, **2000**, 141, 284-90	4.8	33
53	Transforming growth factor-beta up-regulates the beta 5 integrin subunit expression via Sp1 and Smad signaling. *Journal of Biological Chemistry*, **2000**, 275, 36400-6	5.4	89
52	Mice lacking beta3 integrins are osteosclerotic because of dysfunctional osteoclasts. *Journal of Clinical Investigation*, **2000**, 105, 433-40	15.9	555
51	Osteoporosis and the Bone Biopsy **2000**, 187-195		
50	Tumor Necrosis Factor Receptors Types 1 and 2 Differentially Regulate Osteoclastogenesis. *Journal of Biological Chemistry*, **2000**, 275, 27307-27310	5.4	127
49	Cloning of the murine beta5 integrin subunit promoter. Identification of a novel sequence mediating granulocyte-macrophage colony-stimulating factor-dependent repression of beta5 integrin gene transcription. *Journal of Biological Chemistry*, **1999**, 274, 1366-74	5.4	18
48	The integrin alphavbeta5 is expressed on avian osteoclast precursors and regulated by retinoic acid. *Journal of Bone and Mineral Research*, **1999**, 14, 32-8	6.3	16
47	Expression and regulation of RAB3 proteins in osteoclasts and their precursors. *Journal of Bone and Mineral Research*, **1999**, 14, 1855-60	6.3	34
46	1,25 dihydroxyvitamin D3 and dexamethasone induce the cyclooxygenase 1 gene in osteoclast-supporting stromal cells. *Journal of Cellular Biochemistry*, **1999**, 74, 587-595	4.7	27
45	Tumor necrosis factor-alpha mediates orthopedic implant osteolysis. *American Journal of Pathology* , **1999**, 154, 203-10	5.8	354
44	Beta3-integrin-deficient mice are a model for Glanzmann thrombasthenia showing placental defects and reduced survival. *Journal of Clinical Investigation*, **1999**, 103, 229-38	15.9	581
43	Tumor necrosis factor-alpha activation of nuclear transcription factor-kappaB in marrow macrophages is mediated by c-Src tyrosine phosphorylation of Ikappa Balpha. *Journal of Biological Chemistry*, **1998**, 273, 29417-23	5.4	125
42	Granulocyte macrophage-colony stimulating factor reciprocally regulates alphav-associated integrins on murine osteoclast precursors. *Molecular Endocrinology*, **1998**, 12, 1955-62		37
41	Paget bone disease involving young adults in 3 generations of a Korean family. *Medicine (United States)*, **1997**, 76, 157-69	1.8	20
40	Substrate recognition by osteoclast precursors induces C-src/microtubule association. *Journal of Cell Biology*, **1997**, 137, 247-58	7.3	86
39	Characterization of the osteoclast ruffled border chloride channel and its role in bone resorption. *Journal of Biological Chemistry*, **1997**, 272, 18636-43	5.4	138

38	Osteoclasts, macrophages, and the molecular mechanisms of bone resorption. *Journal of Leukocyte Biology*, **1997**, 61, 381-8	6.5	85
37	1,25-dihydroxyvitamin D3 regulates pp60c-src activity and expression of a pp60c-src activating phosphatase. *Journal of Cellular Biochemistry*, **1997**, 67, 432-8	4.7	16
36	Juvenile Paget disease: life-long features of a mildly affected young woman. *Journal of Bone and Mineral Research*, **1996**, 11, 132-42	6.3	40
35	Doubling skeletal mass during adult life: the syndrome of diffuse osteosclerosis after intravenous drug abuse. *Journal of Bone and Mineral Research*, **1996**, 11, 554-8	6.3	27
34	Phorbol myristate acetate transactivates the avian β integrin gene and induces αvβ3 integrin expression. *Journal of Cellular Biochemistry*, **1996**, 61, 420-429	4.7	6
33	Retinoic acid stimulates expression of the functional osteoclast integrin αvβ3: Transcriptional activation of the β but not the α gene. *Journal of Cellular Biochemistry*, **1996**, 62, 467-475	4.7	19
32	Competition for a unique response element mediates retinoic acid inhibition of vitamin D3-stimulated transcription. *Journal of Biological Chemistry*, **1996**, 271, 20650-4	5.4	21
31	Phorbol myristate acetate transactivates the avian β integrin gene and induces αvβ3 integrin expression **1996**, 61, 420		1
30	Interleukin-4 induces expression of the integrin alpha v beta 3 via transactivation of the beta 3 gene. *Journal of Biological Chemistry*, **1995**, 270, 4115-20	5.4	46
29	Renal osteodystrophy. *New England Journal of Medicine*, **1995**, 333, 166-74	59.2	410
28	Modulation of renal osteodystrophy by extrarenal production of calcitriol. *American Journal of Nephrology*, **1995**, 15, 85-9	4.6	3
27	Molecular mechanisms of bone resorption. *Journal of Cellular Biochemistry*, **1995**, 59, 1-10	4.7	46
26	Bone remodeling and the osteoclast. *Journal of Bone and Mineral Research*, **1993**, 8 Suppl 2, S523-5	6.3	11
25	Recent Advances Toward Understanding Osteoclast Physiology. *Clinical Orthopaedics and Related Research*, **1993**, 294, 7-22	2.2	37
24	1,25-Dihydroxyvitamin D3 and macrophage colony-stimulating factor-1 synergistically phosphorylate talin. *Journal of Cellular Biochemistry*, **1993**, 53, 145-55	4.7	6
23	Painful diffuse osteosclerosis after intravenous drug abuse. *American Journal of Medicine*, **1992**, 93, 371-81	2.4	36
22	Significant developmental elevation in serum parathyroid hormone levels in a large kindred with familial benign (hypocalciuric) hypercalcemia. *American Journal of Medicine*, **1992**, 93, 247-58	2.4	80
21	Avian osteoblast conditioned media stimulate bone resorption by targeting multinucleating osteoclast precursors. *Calcified Tissue International*, **1992**, 51, 317-23	3.9	22

20	Interleukin 4 inhibits murine osteoclast formation in vitro. *Journal of Cellular Biochemistry*, **1991**, 47, 272-7	4.7	77
19	1,25-Dihydroxyvitamin D3 modulates colony-stimulating factor-1 receptor binding by murine bone marrow macrophage precursors. *Endocrinology*, **1991**, 128, 303-11	4.8	21
18	Generation of avian cells resembling osteoclasts from mononuclear phagocytes. *Endocrinology*, **1991**, 128, 2324-35	4.8	71
17	Partial characterization of a parathyroid hormone-stimulated resorption factor(s) from osteoblast-like cells. *Endocrinology*, **1989**, 125, 2075-82	4.8	41
16	Parathyroid hormone inhibits collagen synthesis at both ribonucleic acid and protein levels in rat osteogenic sarcoma cells. *Molecular Endocrinology*, **1989**, 3, 232-9		52
15	Hypertrophic chondrocytes produce immunoreactive collagenase in vivo. *Connective Tissue Research*, **1989**, 23, 65-73	3.3	39
14	Receptor-mediated uptake of a mannose-6-phosphate bearing glycoprotein by isolated chicken osteoclasts. *Journal of Cellular Physiology*, **1988**, 137, 476-82	7	30
13	Effects of hypervitaminosis A on the bone and mineral metabolism of the rat. *Endocrinology*, **1988**, 122, 2933-9	4.8	104
12	Does strict phosphorus control precipitate renal osteomalacia?. *Journal of Clinical Endocrinology and Metabolism*, **1986**, 62, 747-52	5.6	11
11	Postmenopausal osteoporosis. A heterogeneous disorder as assessed by histomorphometric analysis of Iliac crest bone from untreated patients. *American Journal of Medicine*, **1982**, 72, 193-202	2.4	162
10	Streptozotocin and bone resorption in vitro. *Calcified Tissue International*, **1980**, 30, 175-6	3.9	3
9	Do parathyroid hormone and 1,25-dithydroxyvitamin D modulate bone formation in uremia?. *Journal of Clinical Endocrinology and Metabolism*, **1980**, 51, 247-51	5.6	55
8	Successful bone-marrow transplantation for infantile malignant osteopetrosis. *New England Journal of Medicine*, **1980**, 302, 701-8	59.2	379
7	Idiopathic multicentric osteolysis. Report of an affected father and son. *Arthritis and Rheumatism*, **1978**, 21, 367-76		24
6	Improved microradiographic contrast for bone stain-historadiography. *Biotechnic & Histochemistry*, **1976**, 51, 153-7		1
5	Histological analysis of undecalcified thin sections of archeological bone. *American Journal of Physical Anthropology*, **1976**, 44, 263-9	2.5	41
4	Inflammatory carcinoma of the breast. A pathologic definition. *Cancer*, **1974**, 33, 1045-7	6.4	98
3	Parafollicular cells in the normal human thyroid. *Nature*, **1971**, 230, 334-5	50.4	26

2	C cell follicles in the dog thyroid: demonstration by in vivo perfusion. *The Anatomical Record*, **1970**, 168, 69-77	19
1	Receptor Activator of Nuclear Factor-Β Ligand Activates Nuclear Factor-Β in Osteoclast Precursors	32