

Steven L Teitelbaum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4337172/publications.pdf>

Version: 2024-02-01

187
papers

20,334
citations

13332

70
h-index

11946

139
g-index

195
all docs

195
docs citations

195
times ranked

19674
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Genetic regulation of osteoclast development and function. <i>Nature Reviews Genetics</i> , 2003, 4, 638-649. | 7.7 | 1,479 |
| 2 | TNF- α induces osteoclastogenesis by direct stimulation of macrophages exposed to permissive levels of RANK ligand. <i>Journal of Clinical Investigation</i> , 2000, 106, 1481-1488. | 3.9 | 1,219 |
| 3 | α 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. | 3.9 | 669 |
| 4 | Mice lacking α 3 integrins are osteosclerotic because of dysfunctional osteoclasts. <i>Journal of Clinical Investigation</i> , 2000, 105, 433-440. | 3.9 | 651 |
| 5 | Osteoclasts: What Do They Do and How Do They Do It?. <i>American Journal of Pathology</i> , 2007, 170, 427-435. | 1.9 | 603 |
| 6 | IL-1 mediates TNF-induced osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2005, 115, 282-290. | 3.9 | 564 |
| 7 | Notch signaling maintains bone marrow mesenchymal progenitors by suppressing osteoblast differentiation. <i>Nature Medicine</i> , 2008, 14, 306-314. | 15.2 | 532 |
| 8 | Osteopetrosis. <i>New England Journal of Medicine</i> , 2004, 351, 2839-2849. | 13.9 | 477 |
| 9 | Accelerated bone mineral loss in HIV-infected patients receiving potent antiretroviral therapy. <i>Aids</i> , 2000, 14, F63-F67. | 1.0 | 455 |
| 10 | Renal Osteodystrophy. <i>New England Journal of Medicine</i> , 1995, 333, 166-175. | 13.9 | 452 |
| 11 | Successful Bone-Marrow Transplantation for Infantile Malignant Osteopetrosis. <i>New England Journal of Medicine</i> , 1980, 302, 701-708. | 13.9 | 438 |
| 12 | Autophagy Proteins Regulate the Secretory Component of Osteoclastic Bone Resorption. <i>Developmental Cell</i> , 2011, 21, 966-974. | 3.1 | 401 |
| 13 | Tumor Necrosis Factor- α Mediates Orthopedic Implant Osteolysis. <i>American Journal of Pathology</i> , 1999, 154, 203-210. | 1.9 | 380 |
| 14 | Osteoclasts: New Insights. <i>Bone Research</i> , 2013, 1, 11-26. | 5.4 | 372 |
| 15 | IL-1 mediates TNF-induced osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2005, 115, 282-290. | 3.9 | 361 |
| 16 | Glucocorticoids suppress bone formation via the osteoclast. <i>Journal of Clinical Investigation</i> , 2006, 116, 2152-2160. | 3.9 | 330 |
| 17 | The Osteoclast: Friend or Foe?. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2008, 3, 457-484. | 9.6 | 318 |
| 18 | α v β 3 and macrophage colony-stimulating factor: partners in osteoclast biology. <i>Immunological Reviews</i> , 2005, 208, 88-105. | 2.8 | 293 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Vav3 regulates osteoclast function and bone mass. <i>Nature Medicine</i> , 2005, 11, 284-290. | 15.2 | 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. | 2.3 | 263 |
| 21 | The $\text{I}\kappa\text{B}$ Function of NF- κB p100 Controls Stimulated Osteoclastogenesis. <i>Journal of Experimental Medicine</i> , 2003, 198, 771-781. | 4.2 | 260 |
| 22 | M-CSF mediates TNF-induced inflammatory osteolysis. <i>Journal of Clinical Investigation</i> , 2005, 115, 3418-3427. | 3.9 | 257 |
| 23 | SHIP-deficient mice are severely osteoporotic due to increased numbers of hyper-resorptive osteoclasts. <i>Nature Medicine</i> , 2002, 8, 943-949. | 15.2 | 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. | 1.6 | 202 |
| 25 | Postmenopausal osteoporosis. <i>American Journal of Medicine</i> , 1982, 72, 193-202. | 0.6 | 185 |
| 26 | Interleukin-4 Reversibly Inhibits Osteoclastogenesis via Inhibition of NF- κB and Mitogen-activated Protein Kinase Signaling. <i>Journal of Biological Chemistry</i> , 2002, 277, 6622-6630. | 1.6 | 183 |
| 27 | Inflammatory osteolysis: a conspiracy against bone. <i>Journal of Clinical Investigation</i> , 2017, 127, 2030-2039. | 3.9 | 182 |
| 28 | Marrow Stromal Cells and Osteoclast Precursors Differentially Contribute to TNF- α -Induced Osteoclastogenesis In Vivo. <i>Journal of Immunology</i> , 2004, 173, 4838-4846. | 0.4 | 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. | 3.9 | 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. | 1.6 | 161 |
| 31 | Dynamic changes in the osteoclast cytoskeleton in response to growth factors and cell attachment are controlled by β3 integrin. <i>Journal of Cell Biology</i> , 2003, 162, 499-509. | 2.3 | 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. | 7.2 | 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. | 3.9 | 155 |
| 34 | Mice deficient in Abl are osteoporotic and have defects in osteoblast maturation. <i>Nature Genetics</i> , 2000, 24, 304-308. | 9.4 | 153 |
| 35 | The osteoclast and its unique cytoskeleton. <i>Annals of the New York Academy of Sciences</i> , 2011, 1240, 14-17. | 1.8 | 144 |
| 36 | Tumor Necrosis Factor Receptors Types 1 and 2 Differentially Regulate Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2000, 275, 27307-27310. | 1.6 | 138 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Tumor Necrosis Factor- α Activation of Nuclear Transcription Factor- β in Marrow Macrophages Is Mediated by c-Src Tyrosine Phosphorylation of I β B α . Journal of Biological Chemistry, 1998, 273, 29417-29423. | 1.6 | 135 |
| 38 | A Glanzmann α mutation in α 3 integrin specifically impairs osteoclast function. Journal of Clinical Investigation, 2001, 107, 1137-1144. | 3.9 | 131 |
| 39 | Soluble RANKL and Risk of Nontraumatic Fracture. JAMA - Journal of the American Medical Association, 2004, 291, 1108. | 3.8 | 130 |
| 40 | Rho Family GTPases Regulate VEGF-Stimulated Endothelial Cell Motility. Experimental Cell Research, 2001, 269, 73-87. | 1.2 | 128 |
| 41 | Osteoclasts; culprits in inflammatory osteolysis. Arthritis Research and Therapy, 2005, 8, 201. | 1.6 | 120 |
| 42 | Inflammatory carcinoma of the breast.A Pathologic Definition. Cancer, 1974, 33, 1045-1047. | 2.0 | 116 |
| 43 | DAP12 Couples c-Fms Activation to the Osteoclast Cytoskeleton by Recruitment of Syk. Molecular Cell, 2008, 31, 422-431. | 4.5 | 116 |
| 44 | Effects of Hypervitaminosis A on the Bone and Mineral Metabolism of the Rat*. Endocrinology, 1988, 122, 2933-2939. | 1.4 | 115 |
| 45 | Synaptotagmin VII Regulates Bone Remodeling by Modulating Osteoclast and Osteoblast Secretion. Developmental Cell, 2008, 14, 914-925. | 3.1 | 114 |
| 46 | Receptor Activator of Nuclear Factor- β Ligand Activates Nuclear Factor- β in Osteoclast Precursors*. Endocrinology, 2001, 142, 1290-1295. | 1.4 | 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. | 1.5 | 108 |
| 48 | IL α 7 mediates estrogen α deficient osteoporosis in an Act1 α dependent manner. Journal of Cellular Biochemistry, 2012, 113, 2895-2902. | 1.2 | 107 |
| 49 | Osteoclasts and Arthritis. Journal of Bone and Mineral Research, 2009, 24, 1142-1146. | 3.1 | 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. | 3.9 | 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. | 1.5 | 105 |
| 52 | The HIV protease inhibitor ritonavir blocks osteoclastogenesis and function by impairing RANKL-induced signaling. Journal of Clinical Investigation, 2004, 114, 206-213. | 3.9 | 102 |
| 53 | Osteoclasts, macrophages, and the molecular mechanisms of bone resorption. Journal of Leukocyte Biology, 1997, 61, 381-388. | 1.5 | 100 |
| 54 | RANKL Employs Distinct Binding Modes to Engage RANK and the Osteoprotegerin Decoy Receptor. Structure, 2012, 20, 1971-1982. | 1.6 | 100 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Osteoclasts, integrins, and osteoporosis. <i>Journal of Bone and Mineral Metabolism</i> , 2000, 18, 344-349. | 1.3 | 96 |
| 56 | Substrate Recognition by Osteoclast Precursors Induces C-src/Microtubule Association. <i>Journal of Cell Biology</i> , 1997, 137, 247-258. | 2.3 | 94 |
| 57 | Transforming Growth Factor- β 2 Up-regulates the α 5Integrin Subunit Expression via Sp1 and Smad Signaling. <i>Journal of Biological Chemistry</i> , 2000, 275, 36400-36406. | 1.6 | 94 |
| 58 | High dose M-CSF partially rescues the Dap12 β osteoclast phenotype. <i>Journal of Cellular Biochemistry</i> , 2003, 90, 871-883. | 1.2 | 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. | 0.6 | 93 |
| 60 | c-Fms and the α 5 β 3 integrin collaborate during osteoclast differentiation. <i>Journal of Clinical Investigation</i> , 2003, 111, 749-758. | 3.9 | 92 |
| 61 | Rac deletion in osteoclasts causes severe osteopetrosis. <i>Journal of Cell Science</i> , 2011, 124, 3811-3821. | 1.2 | 91 |
| 62 | Direct Inhibition of NF- κ B Blocks Bone Erosion Associated with Inflammatory Arthritis. <i>Journal of Immunology</i> , 2003, 171, 5547-5553. | 0.4 | 89 |
| 63 | Talin1 and Rap1 Are Critical for Osteoclast Function. <i>Molecular and Cellular Biology</i> , 2013, 33, 830-844. | 1.1 | 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. | 1.1 | 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, . | 3.3 | 85 |
| 66 | Interleukin 4 inhibits murine osteoclast formation in vitro. <i>Journal of Cellular Biochemistry</i> , 1991, 47, 272-277. | 1.2 | 82 |
| 67 | Generation of Avian Cells Resembling Osteoclasts from Mononuclear Phagocytes*. <i>Endocrinology</i> , 1991, 128, 2324-2335. | 1.4 | 80 |
| 68 | TAT Fusion Proteins Containing Tyrosine 42-deleted α 5 β 3 Arrest Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 30499-30503. | 1.6 | 79 |
| 69 | Unoccupied α 5 β 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. | 3.9 | 78 |
| 71 | FHL2 inhibits the activated osteoclast in a TRAF6-dependent manner. <i>Journal of Clinical Investigation</i> , 2005, 115, 2742-2751. | 3.9 | 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. | 1.8 | 69 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Integrins, growth factors, and the osteoclast cytoskeleton. <i>Annals of the New York Academy of Sciences</i> , 2010, 1192, 27-31. | 1.8 | 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. | 3.3 | 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. | 1.6 | 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. | 0.4 | 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. | 1.1 | 57 |
| 80 | Tumor necrosis factor- α mediates polymethylmethacrylate particle-induced NF- κ B activation in osteoclast precursor cells. <i>Journal of Orthopaedic Research</i> , 2002, 20, 174-181. | 1.2 | 55 |
| 81 | Stem Cells and Osteoporosis Therapy. <i>Cell Stem Cell</i> , 2010, 7, 553-554. | 5.2 | 55 |
| 82 | ASXL2 Regulates Glucose, Lipid, and Skeletal Homeostasis. <i>Cell Reports</i> , 2015, 11, 1625-1637. | 2.9 | 55 |
| 83 | Molecular mechanisms of bone resorption. <i>Journal of Cellular Biochemistry</i> , 1995, 59, 1-10. | 1.2 | 54 |
| 84 | Critical Role of $\alpha 3$ Integrin in Experimental Postmenopausal Osteoporosis. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 2116-2123. | 3.1 | 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. | 0.4 | 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. | 3.1 | 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. | 1.6 | 52 |
| 88 | Glucocorticoids and the Osteoclast. <i>Annals of the New York Academy of Sciences</i> , 2007, 1116, 335-339. | 1.8 | 52 |
| 89 | Ablation of Fat Cells in Adult Mice Induces Massive Bone Gain. <i>Cell Metabolism</i> , 2020, 32, 801-813.e6. | 7.2 | 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. | 0.2 | 49 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Noninvasive imaging of osteoclasts in parathyroid hormone-induced osteolysis using a ⁶⁴ Cu-labeled RGD peptide. <i>Journal of Nuclear Medicine</i> , 2007, 48, 311-8. | 2.8 | 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. | 0.7 | 48 |
| 94 | PGC1 β Organizes the Osteoclast Cytoskeleton by Mitochondrial Biogenesis and Activation. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1114-1125. | 3.1 | 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 α v β 3 integrin causes severe osteopetrosis. <i>Journal of Cell Biology</i> , 2015, 208, 125-136. | 2.3 | 47 |
| 97 | Partial Characterization of a Parathyroid Hormone-Stimulated Resorption Factor(s) from Osteoblast-Like Cells*. <i>Endocrinology</i> , 1989, 125, 2075-2082. | 1.4 | 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. | 1.6 | 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. | 1.6 | 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. | 3.3 | 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. | 3.1 | 46 |
| 102 | Painful diffuse osteosclerosis after intravenous drug abuse. <i>American Journal of Medicine</i> , 1992, 93, 371-381. | 0.6 | 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. | 3.1 | 45 |
| 104 | Vinculin Regulates Osteoclast Function. <i>Journal of Biological Chemistry</i> , 2014, 289, 13554-13564. | 1.6 | 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. | 1.3 | 43 |
| 106 | Granulocyte Macrophage-Colony Stimulating Factor Reciprocally Regulates α 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. | 3.1 | 41 |
| 108 | Sp1/Sp3 and PU.1 Differentially Regulate α 5 Integrin Gene Expression in Macrophages and Osteoblasts. <i>Journal of Biological Chemistry</i> , 2000, 275, 8331-8340. | 1.6 | 41 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | Osteoclasts and Integrins. <i>Annals of the New York Academy of Sciences</i> , 2006, 1068, 95-99. | 1.8 | 41 |
| 110 | Hypertrophic Chondrocytes Produce Immunoreactive Collagenase in Vivo. <i>Connective Tissue Research</i> , 1989, 23, 65-73. | 1.1 | 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. | 1.4 | 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. | 1.6 | 39 |
| 113 | Correlating RANK Ligand/RANK Binding Kinetics With Osteoclast Formation and Function. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2476-2483. | 1.2 | 39 |
| 114 | Receptor Activator of Nuclear Factor- κ B Ligand Activates Nuclear Factor- κ B in Osteoclast Precursors. , O, . | | 38 |
| 115 | SLP-76 Couples Syk to the Osteoclast Cytoskeleton. <i>Journal of Immunology</i> , 2009, 183, 1804-1812. | 0.4 | 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. | 3.1 | 37 |
| 117 | An Insulin-Sensitizing Thiazolidinedione, Which Minimally Activates PPAR γ , Does Not Cause Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 481-488. | 3.1 | 37 |
| 118 | Tumor Necrosis Factor α Regulates α v β 5 Integrin Expression by Osteoclast Precursors in Vitro and in Vivo. <i>Endocrinology</i> , 2000, 141, 284-290. | 1.4 | 36 |
| 119 | Mice Lacking the Integrin α 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. | 3.1 | 35 |
| 120 | RANKing c-Jun in osteoclast development. <i>Journal of Clinical Investigation</i> , 2004, 114, 463-465. | 3.9 | 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. | 0.6 | 33 |
| 122 | Cloning and characterization of the murine β 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. | 1.2 | 32 |
| 123 | Congenital lipodystrophy induces severe osteosclerosis. <i>PLoS Genetics</i> , 2019, 15, e1008244. | 1.5 | 32 |
| 124 | Parafollicular Cells in the Normal Human Thyroid. <i>Nature</i> , 1971, 230, 334-335. | 18.7 | 31 |
| 125 | Cytoskeletal dysfunction dominates in DAP12-deficient osteoclasts. <i>Journal of Cell Science</i> , 2010, 123, 2955-2963. | 1.2 | 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. | 2.0 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 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. | 1.2 | 29 |
| 128 | Oophorectomy-induced bone loss is attenuated in MAGP1-deficient mice. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 93-99. | 1.2 | 29 |
| 129 | PPAR- δ regulates pharmacological but not physiological or pathological osteoclast formation. <i>Nature Medicine</i> , 2016, 22, 1203-1205. | 15.2 | 29 |
| 130 | Paget Bone Disease Involving Young Adults in 3 Generations of a Korean Family. <i>Medicine (United Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i> | 0.4 | 28 |
| 131 | Osteoporosis and Integrins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2466-2468. | 1.8 | 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. | 2.9 | 27 |
| 134 | Microfibril-associated Glycoprotein-1, an Extracellular Matrix Regulator of Bone Remodeling. <i>Journal of Biological Chemistry</i> , 2010, 285, 23858-23867. | 1.6 | 26 |
| 135 | Avian osteoblast conditioned media stimulate bone resorption by targeting multinucleating osteoclast precursors. <i>Calcified Tissue International</i> , 1992, 51, 317-323. | 1.5 | 25 |
| 136 | Osteoclast-specific inactivation of the integrin-linked kinase (ILK) inhibits bone resorption. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 960-967. | 1.2 | 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. | 1.6 | 24 |
| 138 | Hepatic lipids promote liver metastasis. <i>JCI Insight</i> , 2020, 5, . | 2.3 | 24 |
| 139 | C cell follicles in the dog thyroid: Demonstration by in vivo perfusion. <i>The Anatomical Record</i> , 1970, 168, 69-77. | 2.3 | 23 |
| 140 | 1,25-Dihydroxyvitamin D ₃ Modulates Colony-Stimulating Factor-1 Receptor Binding by Murine Bone Marrow Macrophage Precursors*. <i>Endocrinology</i> , 1991, 128, 303-311. | 1.4 | 22 |
| 141 | Retinoic acid stimulates expression of the functional osteoclast integrin α _v β ₃ : Transcriptional activation of the β ₃ but not the α _v gene. <i>Journal of Cellular Biochemistry</i> , 1996, 62, 467-475. | 1.2 | 22 |
| 142 | Therapeutic implications of suppressing osteoclast formation versus function. <i>Rheumatology</i> , 2016, 55, ii61-ii63. | 0.9 | 22 |
| 143 | ASXL1 impairs osteoclast formation by epigenetic regulation of NFATc1. <i>Blood Advances</i> , 2018, 2, 2467-2477. | 2.5 | 21 |
| 144 | Novel Pure α _v β ₃ 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. | 2.5 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 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 α 25 Integrin Subunit Promoter. Journal of Biological Chemistry, 1999, 274, 1366-1374. | 1.6 | 20 |
| 147 | Fyn promotes proliferation, differentiation, survival and function of osteoclast lineage cells. Journal of Cellular Biochemistry, 2010, 111, 1107-1113. | 1.2 | 20 |
| 148 | Glucocorticoids and the osteoclast. Clinical and Experimental Rheumatology, 2015, 33, S37-9. | 0.4 | 19 |
| 149 | The Integrin α v β 25 Is Expressed on Avian Osteoclast Precursors and Regulated by Retinoic Acid. Journal of Bone and Mineral Research, 1999, 14, 32-38. | 3.1 | 18 |
| 150 | Paxillin contracts the osteoclast cytoskeleton. Journal of Bone and Mineral Research, 2012, 27, 2490-2500. | 3.1 | 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. | 1.3 | 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. | 1.6 | 16 |
| 153 | The conundrum of glucocorticoid-induced osteoporosis. Nature Reviews Endocrinology, 2012, 8, 451-452. | 4.3 | 15 |
| 154 | Bone Weighs in on Obesity. Cell, 2007, 130, 409-411. | 13.5 | 13 |
| 155 | Src-like adaptor protein regulates osteoclast generation and survival. Journal of Cellular Biochemistry, 2010, 110, 201-209. | 1.2 | 13 |
| 156 | Congenital disorders of bone and blood. Bone, 2019, 119, 71-81. | 1.4 | 13 |
| 157 | Myeloid-specific Asxl2 deletion limits diet-induced obesity by regulating energy expenditure. Journal of Clinical Investigation, 2020, 130, 2644-2656. | 3.9 | 13 |
| 158 | Does Strict Phosphorus Control Precipitate Renal Osteomalacia*. Journal of Clinical Endocrinology and Metabolism, 1986, 62, 747-752. | 1.8 | 12 |
| 159 | Journal of Bone and Mineral Research. Journal of Bone and Mineral Research, 1993, 8, S523-S525. | 3.1 | 12 |
| 160 | Zap70 inhibits Syk-mediated osteoclast function. Journal of Cellular Biochemistry, 2013, 114, 1871-1878. | 1.2 | 12 |
| 161 | Dexamethsone Suppresses Bone Formation via the Osteoclast. Advances in Experimental Medicine and Biology, 2007, 602, 43-46. | 0.8 | 12 |
| 162 | Manipulation of receptor oligomerization as a strategy to inhibit signaling by TNF superfamily members. Science Signaling, 2014, 7, ra80. | 1.6 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 163 | Halofuginone prevents estrogen-deficient osteoporosis in mice. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3086-3092. | 1.2 | 10 |
| 164 | Osteoclast Biology: Regulation of Formation and Function. , 2016, , 41-70. | | 9 |
| 165 | The osteoclast cytoskeleton: How does it work?. <i>IBMS BoneKEy</i> , 2011, 8, 74-83. | 0.1 | 8 |
| 166 | 1,25-dihydroxyvitamin D3 and macrophage colony-stimulating factor-1 synergistically phosphorylate talin. <i>Journal of Cellular Biochemistry</i> , 1993, 53, 145-155. | 1.2 | 6 |
| 167 | Phorbol myristate acetate transactivates the avian α 23 integrin gene and induces α 23 integrin expression. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 420-429. | 1.2 | 6 |
| 168 | Type I Phosphatidylinositol 4-Phosphate 5-Kinase β 3 Regulates Osteoclasts in a Bifunctional Manner*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5268-5277. | 1.6 | 6 |
| 169 | Osteoclast Biology. , 2001, , 73-105. | | 6 |
| 170 | Animal Rights Pressure on Scientists. <i>Science</i> , 2002, 298, 1515-1515. | 6.0 | 5 |
| 171 | How Do Bone Cells Secrete Proteins?. <i>Advances in Experimental Medicine and Biology</i> , 2009, 658, 105-109. | 0.8 | 5 |
| 172 | Modulation of Renal Osteodystrophy by Extrarenal Production of Calcitriol. <i>American Journal of Nephrology</i> , 1995, 15, 85-89. | 1.4 | 4 |
| 173 | Streptozotocin and bone resorption in vitro. <i>Calcified Tissue International</i> , 1980, 30, 175-176. | 1.5 | 3 |
| 174 | Scientific misconduct: ORI survey is flawed. <i>Nature</i> , 2002, 420, 739-740. | 13.7 | 2 |
| 175 | The Osteoclast. , 2011, , 141-185. | | 2 |
| 176 | Improved Microradiographic Contrast for Bone Stain-Histocytology. <i>Biotechnic & Histochemistry</i> , 1976, 51, 153-157. | 0.4 | 1 |
| 177 | Hematopoietic vs Embryonic Sources for Stem Cell Research. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 2746. | 3.8 | 1 |
| 178 | Phorbol myristate acetate transactivates the avian α 23 integrin gene and induces α 23 integrin expression. , 1996, 61, 420. | | 1 |
| 179 | Calcifediol in Chronic Renal Insufficiency-Reply. <i>JAMA - Journal of the American Medical Association</i> , 1976, 236, 347. | 3.8 | 0 |
| 180 | Dr. Louis V. Avioli, 1931-1999. <i>Journal of Cellular Biochemistry</i> , 2000, 76, 353-353. | 1.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Osteoporosis and the Bone Biopsy. , 2000, , 187-195. | | 0 |
| 182 | Syk, c-Src, the α v β 3 integrin, and ITAM immunoreceptors, in concert, regulate osteoclastic bone resorption. Journal of Experimental Medicine, 2007, 204, i8-i8. | 4.2 | 0 |
| 183 | Fat Regulates Inflammatory Arthritis. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 184 | Comparative proteomic analysis of a cytosolic fraction from α v β 3 integrin-deficient cells. Cancer Genomics and Proteomics, 2012, 9, 1-13. | 1.0 | 0 |
| 185 | <sc>ThPOK</sc> inhibits osteoclast formation via <sc>NFATc1</sc> transcription and function. JBMR Plus, 0, , . | 1.3 | 0 |
| 186 | <sc>ThPOK</sc> Inhibits Osteoclast Formation Via <sc>NFATc1</sc> Transcription and Function. JBMR Plus, 2022, 6, e10613. | 1.3 | 0 |
| 187 | Remembering Dr Arnold J Kahn: June 18, 1936â€“June 16, 2021. Journal of Bone and Mineral Research, 2020, 37, 1077-1078. | 3.1 | 0 |