

G D Roodman

List of Publications by Year in descending order

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105
papers

11,776
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28274

55
h-index

28297

105
g-index

105
all docs

105
docs citations

105
times ranked

6644
citing authors

#	ARTICLE	IF	CITATIONS
1	Galectin-1 suppression delineates a new strategy to inhibit myeloma-induced angiogenesis and tumoral growth in vivo. <i>Leukemia</i> , 2016, 30, 2351-2363.	7.2	29
2	Blocking the ZZ domain of sequestosome1/p62 suppresses myeloma growth and osteoclast formation in vitro and induces dramatic bone formation in myeloma-bearing bones in vivo. <i>Leukemia</i> , 2016, 30, 390-398.	7.2	44
3	1,25-Dihydroxyvitamin D3 Hypersensitivity of Osteoclast Precursors from Patients with Paget's Disease. <i>Journal of Bone and Mineral Research</i> , 2010, 15, 228-236.	2.8	81
4	Pathogenesis of myeloma bone disease. <i>Leukemia</i> , 2009, 23, 435-441.	7.2	316
5	In vivo impact of a 4Åbp deletion mutation in the DLX3 gene on bone development. <i>Developmental Biology</i> , 2009, 325, 129-137.	2.0	22
6	Treatment strategies for bone disease. <i>Bone Marrow Transplantation</i> , 2007, 40, 1139-1146.	2.4	36
7	Perspective on the Osteoclast: An Angiogenic Cell?. <i>Annals of the New York Academy of Sciences</i> , 2007, 1117, 12-25.	3.8	19
8	Regulation of Osteoclast Differentiation. <i>Annals of the New York Academy of Sciences</i> , 2006, 1068, 100-109.	3.8	172
9	The Role of the CXCR4 Inhibitor AMD3100 in Multiple Myeloma (MM).. <i>Blood</i> , 2005, 106, 2492-2492.	1.4	1
10	Myeloma bone disease. <i>Seminars in Hematology</i> , 2001, 38, 276-285.	3.4	139
11	Biology of Osteoclast Activation in Cancer. <i>Journal of Clinical Oncology</i> , 2001, 19, 3562-3571.	1.6	278
12	Macrophage inflammatory protein-1 α is an osteoclastogenic factor in myeloma that is independent of receptor activator of nuclear factor κ B ligand. <i>Blood</i> , 2001, 97, 3349-3353.	1.4	321
13	Osteoclast Inhibitory Peptide 2 Inhibits Osteoclast Formation via Its C-Terminal Fragment. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 1804-1811.	2.8	27
14	ADAM8: A Novel Osteoclast Stimulating Factor. <i>Journal of Bone and Mineral Research</i> , 2001, 16, 814-822.	2.8	93
15	Paget's disease of bone: a disease of the osteoclast. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2001, 2, 195-201.	5.7	41
16	Studies in Paget's disease and their relevance to oncology. <i>Seminars in Oncology</i> , 2001, 28, 15-21.	2.2	23
17	The Genetics of Paget's Disease of the Bone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 24-28.	3.6	31
18	Osteoclasts Formed by Measles Virus-Infected Osteoclast Precursors from hCD46 Transgenic Mice Express Characteristics of Pagetic Osteoclasts*. <i>Endocrinology</i> , 2001, 142, 2898-2905.	2.8	68

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19	Antisense inhibition of macrophage inflammatory protein 1- α blocks bone destruction in a model of myeloma bone disease. <i>Journal of Clinical Investigation</i> , 2001, 108, 1833-1841.	8.2	75
20	Expansile Skeletal Hyperphosphatasia: A New Familial Metabolic Bone Disease. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 2330-2344.	2.8	63
21	CFU-GM-Derived Cells Form Osteoclasts at a Very High Efficiency. <i>Biochemical and Biophysical Research Communications</i> , 2000, 267, 943-946.	2.1	54
22	A murine model of inflammatory bone disease. <i>Bone</i> , 2000, 26, 183-188.	2.9	29
23	Osteoclasts expressing the measles virus nucleocapsid gene display a pagetic phenotype. <i>Journal of Clinical Investigation</i> , 2000, 105, 607-614.	8.2	128
24	Enhanced RANK ligand expression and responsivity of bone marrow cells in Paget's disease of bone. <i>Journal of Clinical Investigation</i> , 2000, 105, 1833-1838.	8.2	142
25	Macrophage inflammatory protein 1-alpha is a potential osteoclast stimulatory factor in multiple myeloma. <i>Blood</i> , 2000, 96, 671-5.	1.4	123
26	Characterization of Immortalized Osteoclast Precursors Developed from Mice Transgenic for Both bcl-XL and Simian Virus 40 Large T Antigen*. <i>Endocrinology</i> , 1999, 140, 2954-2961.	2.8	26
27	Identification of Human Asparaginyl Endopeptidase (Legumain) as an Inhibitor of Osteoclast Formation and Bone Resorption. <i>Journal of Biological Chemistry</i> , 1999, 274, 27747-27753.	3.4	87
28	Intracellular Fragmentation of Bone Resorption Products by Reactive Oxygen Species Generated by Osteoclastic Tartrate-resistant Acid Phosphatase. <i>Journal of Biological Chemistry</i> , 1999, 274, 22907-22910.	3.4	208
29	Cell biology of the osteoclast. <i>Experimental Hematology</i> , 1999, 27, 1229-1241.	0.4	511
30	Measles virus nucleocapsid transcript expression is not restricted to the osteoclast lineage in patients with Paget's disease of bone. <i>Experimental Hematology</i> , 1999, 27, 1528-1532.	0.4	37
31	Cell biology of paget's disease. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 3-8.	2.8	56
32	Variable disease severity associated with a paget's disease predisposition gene. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 17-20.	2.8	16
33	Mechanisms of abnormal bone turnover in Paget's disease. <i>Bone</i> , 1999, 24, 39S-40S.	2.9	13
34	Annexin II increases osteoclast formation by stimulating the proliferation of osteoclast precursors in human marrow cultures. <i>Journal of Clinical Investigation</i> , 1999, 103, 1605-1613.	8.2	97
35	IL-6 Mediates the Effects of IL-1 or TNF, but Not PTHrP or 1,25(OH)2D3, on Osteoclast-like Cell Formation in Normal Human Bone Marrow Cultures. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 393-399.	2.8	105
36	Isolation and characterization of a cDNA clone encoding a novel peptide (OSF) that enhances osteoclast formation and bone resorption. <i>Journal of Cellular Physiology</i> , 1998, 177, 636-645.	4.1	49

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37	Further characterization of the murine collagenase (type IVB) gene promoter and analysis of mRNA expression in murine tissues. <i>Gene</i> , 1998, 208, 117-122.	2.2	6
38	Evidence for a Novel Osteosarcoma Tumor-Suppressor Gene in the Chromosome 18 Region Genetically Linked with Paget Disease of Bone. <i>American Journal of Human Genetics</i> , 1998, 63, 817-824.	6.2	102
39	Osteoclast differentiation and activity. <i>Biochemical Society Transactions</i> , 1998, 26, 7-13.	3.4	6
40	Immortalization of osteoclast precursors by targeting Bcl -XL and Simian virus 40 large T antigen to the osteoclast lineage in transgenic mice.. <i>Journal of Clinical Investigation</i> , 1998, 102, 88-97.	8.2	51
41	Cloning and identification of human Sca as a novel inhibitor of osteoclast formation and bone resorption.. <i>Journal of Clinical Investigation</i> , 1998, 102, 1360-1368.	8.2	31
42	Control of Osteoclast Differentiation. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 1998, 8, 1-17.	0.9	56
43	Pagetic osteoclasts formed in vitro: absence of paracrystalline inclusions. <i>Journal of Submicroscopic Cytology and Pathology</i> , 1998, 30, 315-27.	0.3	2
44	Genetic Linkage of Paget Disease of the Bone to Chromosome 18q. <i>American Journal of Human Genetics</i> , 1997, 61, 1117-1122.	6.2	147
45	Paget's disease and osteoclast biology. <i>Bone</i> , 1996, 19, 209-212.	2.9	39
46	Cytokine Regulation of Bone Cell Differentiation. <i>Vitamins and Hormones</i> , 1996, 52, 63-98.	1.7	35
47	Advances in Bone Biology: The Osteoclast*. <i>Endocrine Reviews</i> , 1996, 17, 308-332.	20.1	372
48	Theoretical perspective: A new model for the regulation of bone resorption, with particular reference to the effects of bisphosphonates. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 150-159.	2.8	289
49	Detection of measles virus nucleocapsid transcripts in circulating blood cells from patients with paget disease. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 1602-1607.	2.8	83
50	Development and characterization of a human marrow stromal cell line that enhances osteoclast-like cell formation.. <i>Endocrinology</i> , 1995, 136, 1441-1449.	2.8	35
51	Bone marrow mononuclear cells from patients with Paget's disease contain measles virus nucleocapsid messenger ribonucleic acid that has mutations in a specific region of the sequence.. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995, 80, 2108-2111.	3.6	91
52	Effects of parathyroid hormone (PTH)-related protein and PTH on osteoclasts and osteoclast precursors in vivo.. <i>Endocrinology</i> , 1995, 136, 3207-3212.	2.8	33
53	Application of Bone Marrow Cultures to the Study of Osteoclast Formation and Osteoclast Precursors in Man. <i>Calcified Tissue International</i> , 1995, 56, S22-S23.	3.1	14
54	Characterization of the osteoclast vacuolar H ⁺ -ATPase B-subunit. <i>Gene</i> , 1995, 160, 157-164.	2.2	27

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55	Osteoclast function in Paget's disease and multiple myeloma. <i>Bone</i> , 1995, 17, S57-S61.	2.9	45
56	Use of an in vivo model to determine the effects of interleukin-1 on cells at different stages in the osteoclast lineage. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 295-301.	2.8	40
57	Characterization of the mouse tartrate-resistant acid phosphatase (trap) gene promoter. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 601-606.	2.8	83
58	Bisphosphonates promote apoptosis in murine osteoclasts in vitro and in vivo. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 1478-1487.	2.8	897
59	Downregulation of calcitonin receptor mRNA expression by calcitonin during human osteoclast-like cell differentiation.. <i>Journal of Clinical Investigation</i> , 1995, 95, 167-171.	8.2	112
60	Interleukin-6 enhances hypercalcemia and bone resorption mediated by parathyroid hormone-related protein in vivo.. <i>Journal of Clinical Investigation</i> , 1995, 95, 2846-2852.	8.2	230
61	Effects of parathyroid hormone (PTH)-related protein and PTH on osteoclasts and osteoclast precursors in vivo. <i>Endocrinology</i> , 1995, 136, 3207-3212.	2.8	11
62	Biology of the osteoclast in Paget's disease. <i>Seminars in Arthritis and Rheumatism</i> , 1994, 23, 235-236.	3.4	6
63	Multinucleated cells formed in vitro from Paget's bone marrow express viral antigens. <i>Bone</i> , 1994, 15, 443-448.	2.9	70
64	Transcriptional regulation of the tartrate-resistant acid phosphatase (TRAP) gene by iron. <i>Biochemical Journal</i> , 1994, 298, 421-425.	3.7	58
65	Interleukin-6 antisense deoxyoligonucleotides inhibit bone resorption by giant cells from human giant cell tumors of bone. <i>Journal of Bone and Mineral Research</i> , 1994, 9, 753-757.	2.8	64
66	Cloning and identification of annexin II as an autocrine/paracrine factor that increases osteoclast formation and bone resorption.. <i>Journal of Biological Chemistry</i> , 1994, 269, 28696-28701.	3.4	92
67	Cloning and identification of annexin II as an autocrine/paracrine factor that increases osteoclast formation and bone resorption. <i>Journal of Biological Chemistry</i> , 1994, 269, 28696-701.	3.4	76
68	Role of cytokines in the regulation of bone resorption. <i>Calcified Tissue International</i> , 1993, 53, S94-S98.	3.1	152
69	Abnormalities in osteoclast precursors and marrow accessory cells in Paget's disease.. <i>Endocrinology</i> , 1993, 133, 1978-1982.	2.8	67
70	Cloning and characterization of the 5â€²-flanking region of the mouse tartrate-resistant acid phosphatase gene. <i>Journal of Bone and Mineral Research</i> , 1993, 8, 1263-1270.	2.8	41
71	5-Lipoxygenase metabolites of arachidonic acid stimulate isolated osteoclasts to resorb calcified matrices. <i>Journal of Biological Chemistry</i> , 1993, 268, 10087-94.	3.4	64
72	Evidence for an autocrine/paracrine role for interleukin-6 in bone resorption by giant cells from giant cell tumors of bone.. <i>Endocrinology</i> , 1992, 131, 2229-2234.	2.8	148

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73	Perspectives: Interleukin-6: An osteotropic factor?. Journal of Bone and Mineral Research, 1992, 7, 475-478.	2.8	257
74	Effects of stem cell factor on osteoclast-like cell formation in long-term human marrow cultures. Journal of Bone and Mineral Research, 1992, 7, 1337-1344.	2.8	31
75	Interleukin 6. A potential autocrine/paracrine factor in Paget's disease of bone.. Journal of Clinical Investigation, 1992, 89, 46-52.	8.2	343
76	Osteoclast Differentiation. Critical Reviews in Oral Biology and Medicine, 1991, 2, 389-409.	4.4	39
77	Osteotropic factor responsiveness of highly purified populations of early and late precursors for human multinucleated cells expressing the osteoclast phenotype. Journal of Bone and Mineral Research, 1991, 6, 257-261.	2.8	110
78	In utero bone marrow transplantation of fetal baboons with mismatched adult baboon marrow. Nouvelle Revue Française D'Œmatologie, 1991, 17, 367-75.	0.7	17
79	Sequential Expression of Phenotype Markers for Osteoclasts during Differentiation of Precursors for Multinucleated Cells Formed in Long Term Human Marrow Cultures*. Endocrinology, 1990, 127, 3215-3221.	2.8	60
80	Osteoinductive factor inhibits formation of human osteoclast-like cells.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 3023-3026.	7.1	47
81	Identification of Committed Mononuclear Precursors for Osteoclast-Like Cells Formed in Long Term Human Marrow Cultures*. Endocrinology, 1990, 126, 2733-2741.	2.8	219
82	Interferons-Œ and -Œ Inhibit Interleukin-1Œ-Stimulated Osteoclast-Like Cell Formation in Long-Term Human Marrow Cultures. Journal of Interferon Research, 1990, 10, 541-547.	1.2	38
83	Prostaglandin E2 inhibits formation of osteoclastlike cells in long-term human marrow cultures but is not a mediator of the inhibitory effects of transforming growth factor Œ. Journal of Bone and Mineral Research, 1990, 5, 677-681.	2.8	44
84	Atypical multinucleated cells form in long-term marrow cultures from patients with Paget's disease.. Journal of Clinical Investigation, 1990, 85, 1280-1286.	8.2	79
85	IL-6 stimulates osteoclast-like multinucleated cell formation in long term human marrow cultures by inducing IL-1 release. Journal of Immunology, 1990, 144, 4226-30.	0.8	313
86	Tumors Producing Human Tumor Necrosis Factor Induce Hypercalcemia and Osteoclastic Bone Resorption in Nude Mice*. Endocrinology, 1989, 124, 1424-1427.	2.8	151
87	Interleukin-1 and tumor necrosis factor stimulate the formation of human osteoclastlike cells in vitro. Journal of Bone and Mineral Research, 1989, 4, 113-118.	2.8	415
88	Osteoclast-like cells form in long-term human bone marrow but not in peripheral blood cultures.. Journal of Clinical Investigation, 1989, 83, 543-550.	8.2	72
89	Osteoclast-like cells formed in long-term human bone marrow cultures express a similar surface phenotype as authentic osteoclasts. Laboratory Investigation, 1989, 60, 532-8.	3.7	15
90	Chronic exposure to tumor necrosis factor in vivo preferentially inhibits erythropoiesis in nude mice. Blood, 1989, 74, 130-8.	1.4	29

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91	Model systems of osteoclast differentiation. Japanese Journal of Bone and Mineral Metabolism, 1988, 6, 1-11.	0.1	1
92	Osteoclast-Like Cell Formation and its Regulation by Osteotropic Hormones in Mouse Bone Marrow Cultures*. Endocrinology, 1988, 122, 1373-1382.	2.8	716
93	Transforming growth factor beta inhibits formation of osteoclast-like cells in long-term human marrow cultures.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 5683-5687.	7.1	272
94	In utero bone marrow transplantation of fetal baboons with mismatched adult marrow: initial observations. Bone Marrow Transplantation, 1988, 3, 141-7.	2.4	8
95	Formation of Multinucleated Cells that Respond to Osteotropic Hormones in Long Term Human Bone Marrow Cultures*. Endocrinology, 1987, 120, 2326-2333.	2.8	161
96	Osteoclast-like cell formation in fetal and newborn long-term baboon marrow cultures is more sensitive to 1,25-dihydroxyvitamin D3 than adult long-term marrow cultures. Journal of Bone and Mineral Research, 1987, 2, 311-317.	2.8	29
97	Tumor necrosis factor-alpha and hematopoietic progenitors: effects of tumor necrosis factor on the growth of erythroid progenitors CFU-E and BFU-E and the hematopoietic cell lines K562, HL60, and HEL cells. Experimental Hematology, 1987, 15, 928-35.	0.4	99
98	Mechanisms of erythroid suppression in the anemia of chronic disease. Nouvelle Revue Française D'hématologie, 1987, 13, 171-84.	0.7	38
99	Effects of human recombinant CSF-GM and highly purified CSF-1 on the formation of multinucleated cells with osteoclast characteristics in long-term bone marrow cultures. Journal of Bone and Mineral Research, 1986, 1, 227-233.	2.8	198
100	Recombinant human transforming growth factor-alpha stimulates the formation of osteoclast-like cells in long-term human marrow cultures.. Journal of Clinical Investigation, 1986, 78, 894-898.	8.2	111
101	Recombinant human interferon-gamma inhibits formation of human osteoclast-like cells. Journal of Immunology, 1986, 137, 3544-9.	0.8	137
102	1,25-Dihydroxyvitamin D3 causes formation of multinucleated cells with several osteoclast characteristics in cultures of primate marrow.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 8213-8217.	7.1	261
103	Expression of latent hematopoietic progenitor cells in cultures of newborn and adult baboon liver. Blood, 1985, 65, 1518-25.	1.4	1
104	Identification and characterization of osteoclast-like cells and their progenitors in cultures of feline marrow mononuclear cells.. Journal of Cell Biology, 1984, 99, 471-480.	5.2	208
105	DNA polymerase, thymidine kinase and DNA synthesis in erythropoietic mouse spleen cells separated on bovine serum albumin gradients. Nucleic Acids and Protein Synthesis, 1976, 425, 478-491.	1.7	22