

Mark C Horowitz

List of Publications by Year in descending order

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44
papers

3,697
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172457

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docs citations

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times ranked

4569
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokines and estrogen in bone: anti-osteoporotic effects. <i>Science</i> , 1993, 260, 626-627.	12.6	427
2	Bone Marrow Adipose Tissue Is an Endocrine Organ that Contributes to Increased Circulating Adiponectin during Caloric Restriction. <i>Cell Metabolism</i> , 2014, 20, 368-375.	16.2	415
3	Parathyroid Hormone Directs Bone Marrow Mesenchymal Cell Fate. <i>Cell Metabolism</i> , 2017, 25, 661-672.	16.2	308
4	The expression of cytokine activity by fracture callus. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 1272-1281.	2.8	235
5	Marrow Adipose Tissue: Trimming the Fat. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 392-403.	7.1	171
6	Bone marrow adipocytes. <i>Adipocyte</i> , 2017, 6, 193-204.	2.8	151
7	A High Fat Diet Increases Bone Marrow Adipose Tissue (MAT) But Does Not Alter Trabecular or Cortical Bone Mass in C57BL/6J Mice. <i>Journal of Cellular Physiology</i> , 2015, 230, 2032-2037.	4.1	137
8	Use of Osmium Tetroxide Staining with Microcomputerized Tomography to Visualize and Quantify Bone Marrow Adipose Tissue In Vivo. <i>Methods in Enzymology</i> , 2014, 537, 123-139.	1.0	136
9	Bone marrow fat accumulation accelerated by high fat diet is suppressed by exercise. <i>Bone</i> , 2014, 64, 39-46.	2.9	124
10	Integrating GWAS and Co-expression Network Data Identifies Bone Mineral Density Genes SPTBN1 and MARK3 and an Osteoblast Functional Module. <i>Cell Systems</i> , 2017, 4, 46-59.e4.	6.2	124
11	Regulation of cytokine expression in osteoblasts by parathyroid hormone: Rapid stimulation of interleukin-6 and leukemia inhibitory factor mRNA. <i>Journal of Bone and Mineral Research</i> , 1993, 8, 1163-1171.	2.8	121
12	A reciprocal regulatory interaction between megakaryocytes, bone cells, and hematopoietic stem cells. <i>Bone</i> , 2006, 39, 978-984.	2.9	102
13	Macrophage colony-stimulating factor release and receptor expression in bone cells. <i>Journal of Bone and Mineral Research</i> , 1993, 8, 1507-1518.	2.8	96
14	Early B Cell Factor 1 Regulates Adipocyte Morphology and Lipolysis in White Adipose Tissue. <i>Cell Metabolism</i> , 2014, 19, 981-992.	16.2	90
15	How B cells influence bone biology in health and disease. <i>Bone</i> , 2010, 47, 472-479.	2.9	80
16	Megakaryocyte-mediated inhibition of osteoclast development. <i>Bone</i> , 2006, 39, 991-999.	2.9	78
17	Thy-1 Antigen Expression by Cells in the Osteoblast Lineage. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 362-375.	2.8	72
18	Bone Marrow Adiposity: Basic and Clinical Implications. <i>Endocrine Reviews</i> , 2019, 40, 1187-1206.	20.1	69

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19	Parathyroid hormone induces hepatic production of bioactive interleukin-6 and its soluble receptor. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E405-E412.	3.5	68
20	B cells and osteoblast and osteoclast development. <i>Immunological Reviews</i> , 2005, 208, 141-153.	6.0	61
21	Pax5-Deficient Mice Exhibit Early Onset Osteopenia with Increased Osteoclast Progenitors. <i>Journal of Immunology</i> , 2004, 173, 6583-6591.	0.8	57
22	Reporting Guidelines, Review of Methodological Standards, and Challenges Toward Harmonization in Bone Marrow Adiposity Research. Report of the Methodologies Working Group of the International Bone Marrow Adiposity Society. <i>Frontiers in Endocrinology</i> , 2020, 11, 65.	3.5	53
23	The origins of osteoclasts. <i>Current Opinion in Rheumatology</i> , 2004, 16, 464-468.	4.3	52
24	Oxysterols and EBI2 promote osteoclast precursor migration to bone surfaces and regulate bone mass homeostasis. <i>Journal of Experimental Medicine</i> , 2015, 212, 1931-1946.	8.5	51
25	Adipose Tissue-Residing Progenitors (Adipocyte Lineage Progenitors and Adipose-Derived Stem Cells) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	45
26	Human Heterozygous ENPP1 Deficiency Is Associated With Early Onset Osteoporosis, a Phenotype Recapitulated in a Mouse Model of Enpp1 Deficiency. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 528-539.	2.8	40
27	Osteotropic agents induce the differential secretion of granulocyte-macrophage colony-stimulating factor by the osteoblast cell line MC3T3-E1. <i>Journal of Bone and Mineral Research</i> , 1989, 4, 911-921.	2.8	38
28	FGFR2c-mediated ERKâ€“MAPK activity regulates coronal suture development. <i>Developmental Biology</i> , 2016, 415, 242-250.	2.0	35
29	Tumor necrosis factor-Î± induces transcription of the colony-stimulating factor-1 gene in murine osteoblasts. <i>Journal of Cellular Physiology</i> , 1996, 168, 199-208.	4.1	31
30	Systems genetics in diversity outbred mice inform BMD GWAS and identify determinants of bone strength. <i>Nature Communications</i> , 2021, 12, 3408.	12.8	31
31	The dynamics of human bone marrow adipose tissue in response to feeding and fasting. <i>JCI Insight</i> , 2021, 6, .	5.0	29
32	Methionineâ€“Restricted Diet Increases miRNAs That Can Target RUNX2 Expression and Alters Bone Structure in Young Mice. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 31-42.	2.6	28
33	Early B-cell factor 1 is an essential transcription factor for postnatal glomerular maturation. <i>Kidney International</i> , 2014, 85, 1091-1102.	5.2	24
34	Câ€“Mpl Is Expressed on Osteoblasts and Osteoclasts and Is Important in Regulating Skeletal Homeostasis. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 959-969.	2.6	17
35	Impaired ATM activation in B cells is associated with bone resorption in rheumatoid arthritis. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	15
36	Response of the ENPP1-Deficient Skeletal Phenotype to Oral Phosphate Supplementation and/or Enzyme Replacement Therapy: Comparative Studies in Humans and Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 942-955.	2.8	15

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37	A Novel Role for Thrombopoietin in Regulating Osteoclast Development in Humans and Mice. <i>Journal of Cellular Physiology</i> , 2015, 230, 2142-2151.	4.1	13
38	B Lymphocytes and the Skeleton. <i>Annals of the New York Academy of Sciences</i> , 2007, 1117, 82-93.	3.8	11
39	Fat and Bone: PGC-1 α Regulates Mesenchymal Cell Fate during Aging and Osteoporosis. <i>Cell Stem Cell</i> , 2018, 23, 151-153.	11.1	11
40	Immunologic Regulation of Bone Development. <i>Advances in Experimental Medicine and Biology</i> , 2007, 602, 47-56.	1.6	11
41	Sclerostin: A new mediator of crosstalk between the skeletal and immune systems. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 1448-1450.	2.8	10
42	Lnk Deficiency Leads to TPO-Mediated Osteoclastogenesis and Increased Bone Mass Phenotype. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2231-2240.	2.6	9
43	Fat Decisions: Leptin Regulates Bone versus Fat in the Marrow. <i>Cell Stem Cell</i> , 2016, 18, 684-686.	11.1	6
44	Murine neurofibroma reversion by antisense RNA for HTLV-I tax. <i>Science in China Series C: Life Sciences</i> , 1999, 42, 8-16.	1.3	0