

Harry C Blair

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,798
citations

471509

17
h-index

414414

32
g-index

36
all docs

36
docs citations

36
times ranked

2720
citing authors

#	ARTICLE	IF	CITATIONS
1	FSH Directly Regulates Bone Mass. <i>Cell</i> , 2006, 125, 247-260.	28.9	612
2	Osteoblast Differentiation and Bone Matrix Formation <i>In Vivo</i> and <i>In Vitro</i> . <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 268-280.	4.8	329
3	Osteoclast signalling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 728-738.	2.1	145
4	Mechanisms balancing skeletal matrix synthesis and degradation. <i>Biochemical Journal</i> , 2002, 364, 329-341.	3.7	141
5	Osteoclastic differentiation and function regulated by old and new pathways. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2007, 7, 23-32.	5.7	59
6	Calcium and bone disease. <i>BioFactors</i> , 2011, 37, 159-167.	5.4	58
7	NO-dependent osteoclast motility: reliance on cGMP-dependent protein kinase I and VASP. <i>Journal of Cell Science</i> , 2005, 118, 5479-5487.	2.0	50
8	Buried in the Middle but Guilty: Intronic Mutations in the <i>TCIRG1</i> Gene Cause Human Autosomal Recessive Osteopetrosis. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1814-1821.	2.8	39
9	Absence of Dipeptidyl Peptidase 3 Increases Oxidative Stress and Causes Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 2133-2148.	2.8	32
10	In Vitro Differentiation of CD14 Cells From Osteopetrotic Subjects: Contrasting Phenotypes With <i>TCIRG1</i> , <i>CLCN7</i> , and Attachment Defects. <i>Journal of Bone and Mineral Research</i> , 2004, 19, 1329-1338.	2.8	31
11	Balanced Regulation of Proliferation, Growth, Differentiation, and Degradation in Skeletal Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1116, 165-173.	3.8	28
12	The Developmental Basis of Skeletal Cell Differentiation and the Molecular Basis of Major Skeletal Defects. <i>Biological Reviews</i> , 2008, 83, 401-415.	10.4	28
13	Adrenocorticotrophic hormone and 1,25-dihydroxyvitamin D3 enhance human osteogenesis in vitro by synergistically accelerating the expression of bone-specific genes. <i>Laboratory Investigation</i> , 2017, 97, 1072-1083.	3.7	28
14	Skeletal receptors for steroid α family regulating glycoprotein hormones. <i>Annals of the New York Academy of Sciences</i> , 2011, 1240, 26-31.	3.8	26
15	The Proteasome Inhibitor Carfilzomib Suppresses Parathyroid Hormone-induced Osteoclastogenesis through a RANKL-mediated Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2015, 290, 16918-16928.	3.4	21
16	Nature and nurture in atherosclerosis: The roles of acylcarnitine and cell membrane-fatty acid intermediates. <i>Vascular Pharmacology</i> , 2016, 78, 17-23.	2.1	21
17	Chloride-hydrogen antiporters <i>ClC-3</i> and <i>ClC-5</i> drive osteoblast mineralization and regulate fine-structure bone patterning in <i>in vitro</i> . <i>Physiological Reports</i> , 2015, 3, e12607.	1.7	19
18	A bone mineralization defect in the Pahenu2 model of classical phenylketonuria involves compromised mesenchymal stem cell differentiation. <i>Molecular Genetics and Metabolism</i> , 2018, 125, 193-199.	1.1	18

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19	Bone and high-density lipoprotein: The beginning of a beautiful friendship. <i>World Journal of Orthopedics</i> , 2016, 7, 74.	1.8	16
20	Pituitary glycoprotein hormone receptors in non-endocrine organs. <i>Trends in Endocrinology and Metabolism</i> , 2007, 18, 227-233.	7.1	15
21	Osteopetrosis with micro-lacunar resorption because of defective integrin organization. <i>Laboratory Investigation</i> , 2009, 89, 1007-1017.	3.7	15
22	The roles of Orai and Stim in bone health and disease. <i>Cell Calcium</i> , 2019, 81, 51-58.	2.4	14
23	Western-type diet differentially modulates osteoblast, osteoclast, and lipoblast differentiation and activation in a background of APOE deficiency. <i>Laboratory Investigation</i> , 2018, 98, 1516-1526.	3.7	11
24	Phenylketonuria oxidative stress and energy dysregulation: Emerging pathophysiological elements provide interventional opportunity. <i>Molecular Genetics and Metabolism</i> , 2022, 136, 111-117.	1.1	10
25	Phylogeny and chemistry of biological mineral transport. <i>Bone</i> , 2020, 141, 115621.	2.9	8
26	Mesenchymal stem cell energy deficit and oxidative stress contribute to osteopenia in the Pahenu2 classical PKU mouse. <i>Molecular Genetics and Metabolism</i> , 2021, 132, 173-179.	1.1	8
27	The function of the calcium channel Orai1 in osteoclast development. <i>FASEB Journal</i> , 2021, 35, e21653.	0.5	4
28	Generation of an immunodeficient mouse model of tcirg1-deficient autosomal recessive osteopetrosis. <i>Bone Reports</i> , 2020, 12, 100242.	0.4	4
29	Growth and mineralization of osteoblasts from mesenchymal stem cells on microporous membranes: Epithelial-like growth with transmembrane resistance and pH gradient. <i>Biochemical and Biophysical Research Communications</i> , 2021, 580, 14-19.	2.1	3
30	A New View of Bone Loss in Phenylketonuria. <i>Organogenesis</i> , 2021, , 1-6.	1.2	2
31	Survival of the glycosylated. <i>ELife</i> , 2021, 10, .	6.0	1
32	Critical Role for the Calcium-Release Activated Calcium Channel Orai1 In RANKL-Stimulated Osteoclast Formation From Monocytic Cells. <i>Blood</i> , 2010, 116, 928-928.	1.4	1
33	Osteoclastic Differentiation of Monocytes Is Inhibited by Non-Transcriptional Effects of Estrogen Mediated by BCAR1.. <i>Blood</i> , 2006, 108, 1266-1266.	1.4	0
34	The Trans-Fatty Acid, Elaidic Acid, Inhibits Macrophage Fatty Acid Catabolism and Stimulates Expression of Inflammatory Mediators. <i>Blood</i> , 2012, 120, 3277-3277.	1.4	0
35	Mucin 1 is Necessary for TrpV5 Localization in the Kidney's Distal Convulated Tubule and Normal Bone Architecture. <i>FASEB Journal</i> , 2019, 33, .	0.5	0