

Carlos M Isales

List of Publications by Citations

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205
papers

6,116
citations

46
h-index

69
g-index

229
ext. papers

6,871
ext. citations

4.8
avg, IF

5.47
L-index

#	Paper	IF	Citations
205	Leptin deficiency produces contrasting phenotypes in bones of the limb and spine. <i>Bone</i> , 2004 , 34, 376-83	4.7	295
204	Role of calcium in angiotensin II-mediated aldosterone secretion. <i>Endocrine Reviews</i> , 1989 , 10, 496-518	27.2	155
203	Effects of glucose-dependent insulintropic peptide on osteoclast function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E543-8	6	147
202	Glucose-dependent insulintropic polypeptide receptor knockout mice have altered bone turnover. <i>Bone</i> , 2005 , 37, 759-69	4.7	134
201	Tauroursodeoxycholic acid stimulates hepatocellular exocytosis and mobilizes extracellular Ca ⁺⁺ mechanisms defective in cholestasis. <i>Journal of Clinical Investigation</i> , 1993 , 92, 2984-93	15.9	130
200	Loss of myostatin (GDF8) function increases osteogenic differentiation of bone marrow-derived mesenchymal stem cells but the osteogenic effect is ablated with unloading. <i>Bone</i> , 2007 , 40, 1544-53	4.7	128
199	MicroRNA-183-5p Increases with Age in Bone-Derived Extracellular Vesicles, Suppresses Bone Marrow Stromal (Stem) Cell Proliferation, and Induces Stem Cell Senescence. <i>Tissue Engineering - Part A</i> , 2017 , 23, 1231-1240	3.9	125
198	Tauroursodeoxycholic acid activates protein kinase C in isolated rat hepatocytes. <i>Gastroenterology</i> , 1996 , 110, 1553-63	13.3	122
197	Glucose-dependent insulintropic peptide-overexpressing transgenic mice have increased bone mass. <i>Bone</i> , 2007 , 40, 1352-60	4.7	120
196	ACTH protects against glucocorticoid-induced osteonecrosis of bone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 8782-7	11.5	115
195	Age-related loss of muscle mass and bone strength in mice is associated with a decline in physical activity and serum leptin. <i>Bone</i> , 2006 , 39, 845-53	4.7	115
194	Gender-specific differential expression of exosomal miRNA in synovial fluid of patients with osteoarthritis. <i>Scientific Reports</i> , 2017 , 7, 2029	4.9	114
193	Effect of KCNJ5 mutations on gene expression in aldosterone-producing adenomas and adrenocortical cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1567-72	5.6	112
192	Glucose-dependent insulintropic peptide is an integrative hormone with osteotropic effects. <i>Molecular and Cellular Endocrinology</i> , 2001 , 177, 35-41	4.4	112
191	The adipokine leptin increases skeletal muscle mass and significantly alters skeletal muscle miRNA expression profile in aged mice. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 400, 379-83	3.4	111
190	Disordered osteoclast formation in RAGE-deficient mouse establishes an essential role for RAGE in diabetes related bone loss. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 340, 1091-7	3.4	107
189	Caloric restriction decreases cortical bone mass but spares trabecular bone in the mouse skeleton: implications for the regulation of bone mass by body weight. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 870-8	6.3	97

188	GIP-overexpressing mice demonstrate reduced diet-induced obesity and steatosis, and improved glucose homeostasis. <i>PLoS ONE</i> , 2012 , 7, e40156	3.7	91
187	Age-related changes in the osteogenic differentiation potential of mouse bone marrow stromal cells. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 1118-28	6.3	85
186	Diacylglycerol production, Ca ²⁺ influx, and protein kinase C activation in sustained cellular responses. <i>Endocrine Reviews</i> , 1995 , 16, 649-81	27.2	83
185	SUMO wrestling with type 1 diabetes. <i>Journal of Molecular Medicine</i> , 2005 , 83, 504-13	5.5	68
184	Acetoacetate and beta-hydroxybutyrate differentially regulate endothelin-1 and vascular endothelial growth factor in mouse brain microvascular endothelial cells. <i>Journal of Diabetes and Its Complications</i> , 1999 , 13, 91-7	3.2	67
183	Effects of Ca ²⁺ agonists on cytosolic Ca ²⁺ in isolated hepatocytes and on bile secretion in the isolated perfused rat liver. <i>Hepatology</i> , 1992 , 15, 107-16	11.2	67
182	ACTH is a novel regulator of bone mass. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1192, 110-6	6.5	66
181	Multiple melanocortin receptors are expressed in bone cells. <i>Bone</i> , 2005 , 36, 820-31	4.7	66
180	a Novel Y152C KCNJ5 mutation responsible for familial hyperaldosteronism type III. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1861-5	5.6	65
179	COVID-19 Virulence in Aged Patients Might Be Impacted by the Host Cellular MicroRNAs Abundance/Profile 2020 , 11, 509-522		63
178	Parathyroid hormone modulates angiotensin II-induced aldosterone secretion from the adrenal glomerulosa cell. <i>Endocrinology</i> , 1991 , 129, 489-95	4.8	63
177	Hypercalcemia in breast cancer. Reassessment of the mechanism. <i>American Journal of Medicine</i> , 1987 , 82, 1143-7	2.4	63
176	High glucose augments the angiotensin II-induced activation of JAK2 in vascular smooth muscle cells via the polyol pathway. <i>Journal of Biological Chemistry</i> , 2003 , 278, 30634-41	5.4	62
175	Kynurenine, a Tryptophan Metabolite That Accumulates With Age, Induces Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 2182-2193	6.3	61
174	Stromal cell-derived factor-1 α mediates cell survival through enhancing autophagy in bone marrow-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2013 , 8, e58207	3.7	61
173	Muscle-derived miR-34a increases with age in circulating extracellular vesicles and induces senescence of bone marrow stem cells. <i>Aging</i> , 2019 , 11, 1791-1803	5.6	60
172	Impact of glucose-dependent insulinotropic peptide on age-induced bone loss. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 536-43	6.3	56
171	Phospholipase C: a putative mechanotransducer for endothelial cell response to acute hemodynamic changes. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 190, 576-81	3.4	54

170	T-type calcium channels in adrenal glomerulosa cells: GTP-dependent modulation by angiotensin II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 3260-4	11.5	52
169	Low-dose bone morphogenetic protein-2/stromal cell-derived factor-1 therapy induces bone regeneration in critical-size rat calvarial defects. <i>Tissue Engineering - Part A</i> , 2014 , 20, 1444-53	3.9	51
168	Effects of the activin A-myostatin-follistatin system on aging bone and muscle progenitor cells. <i>Experimental Gerontology</i> , 2013 , 48, 290-7	4.5	51
167	Exposure of endothelial cells to cyclic strain induces elevations of cytosolic Ca ²⁺ concentration through mobilization of intracellular and extracellular pools. <i>Biochemical Journal</i> , 1997 , 326 (Pt 2), 385-92	3.8	51
166	Angiotensin-II-induced changes in diacylglycerol levels and their potential role in modulating the steroidogenic response. <i>Endocrinology</i> , 1991 , 128, 231-41	4.8	50
165	The role of cyclic nucleotides in atrial natriuretic peptide-mediated inhibition of aldosterone secretion. <i>Endocrinology</i> , 1988 , 122, 799-808	4.8	50
164	Restoration of regenerative osteoblastogenesis in aged mice: modulation of TNF. <i>Journal of Bone and Mineral Research</i> , 2010 , 25, 114-23	6.3	49
163	Stem Cell-Derived Exosomes: A Potential Alternative Therapeutic Agent in Orthopaedics. <i>Stem Cells International</i> , 2016 , 2016, 5802529	5	48
162	Microarray analysis of Tbx2-directed gene expression: a possible role in osteogenesis. <i>Molecular and Cellular Endocrinology</i> , 2001 , 177, 43-54	4.4	47
161	Therapeutic potential of mesenchymal stem cell based therapy for osteoarthritis. <i>Clinical and Translational Medicine</i> , 2016 , 5, 27	5.7	47
160	The aromatic amino acid tryptophan stimulates skeletal muscle IGF1/p70s6k/mTor signaling in vivo and the expression of myogenic genes in vitro. <i>Nutrition</i> , 2015 , 31, 1018-24	4.8	46
159	Effects of glucose-dependent insulinotropic peptide on behavior. <i>Peptides</i> , 2006 , 27, 2750-5	3.8	46
158	A potential role for phospholipase-D in the angiotensin-II-induced stimulation of aldosterone secretion from bovine adrenal glomerulosa cells. <i>Endocrinology</i> , 1990 , 127, 1436-43	4.8	46
157	Resistance to body fat gain in double-muscled mice fed a high-fat diet. <i>International Journal of Obesity</i> , 2006 , 30, 868-70	5.5	45
156	A myostatin inhibitor (propeptide-Fc) increases muscle mass and muscle fiber size in aged mice but does not increase bone density or bone strength. <i>Experimental Gerontology</i> , 2013 , 48, 898-904	4.5	44
155	Oxidation of the aromatic amino acids tryptophan and tyrosine disrupts their anabolic effects on bone marrow mesenchymal stem cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 410, 87-96	4.4	44
154	Glucose-dependent insulinotropic peptide signaling pathways in endothelial cells. <i>Peptides</i> , 2000 , 21, 1427-32	3.8	44
153	25-hydroxyvitamin D, insulin-like growth factor-I, and bone mineral accrual during growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E89-98	5.6	42

152	Effect of whole-body vibration on bone properties in aging mice. <i>Bone</i> , 2010 , 47, 746-55	4.7	41
151	Muscle-bone interactions in dystrophin-deficient and myostatin-deficient mice. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005 , 286, 814-22		40
150	The LTR enhancer of ERV-9 human endogenous retrovirus is active in oocytes and progenitor cells in transgenic zebrafish and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 805-10	11.5	39
149	Kinase activation and smooth muscle contraction in the presence and absence of calcium. <i>Journal of Vascular Surgery</i> , 1995 , 22, 37-44	3.5	37
148	Glucose-dependent insulinotropic peptide: differential effects on hepatic artery vs. portal vein endothelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E773-9	6	36
147	Absence of functional leptin receptor isoforms in the POUND (<i>Lepr</i> (db/lb)) mouse is associated with muscle atrophy and altered myoblast proliferation and differentiation. <i>PLoS ONE</i> , 2013 , 8, e72330	3.7	36
146	Stromal cell-derived factor-1 potentiates bone morphogenetic protein-2-stimulated osteoinduction of genetically engineered bone marrow-derived mesenchymal stem cells in vitro. <i>Tissue Engineering - Part A</i> , 2013 , 19, 1-13	3.9	35
145	Differential effects of agonists of aldosterone secretion on steroidogenic acute regulatory phosphorylation. <i>Molecular and Cellular Endocrinology</i> , 2001 , 173, 87-94	4.4	34
144	Kynurenine inhibits autophagy and promotes senescence in aged bone marrow mesenchymal stem cells through the aryl hydrocarbon receptor pathway. <i>Experimental Gerontology</i> , 2020 , 130, 110805	4.5	33
143	Functional parathyroid hormone receptors are present in an umbilical vein endothelial cell line. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 279, E654-62	6	31
142	Kynurenine, a Tryptophan Metabolite That Increases with Age, Induces Muscle Atrophy and Lipid Peroxidation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 9894238	6.7	29
141	Impact of targeted PPAR δ disruption on bone remodeling. <i>Molecular and Cellular Endocrinology</i> , 2015 , 410, 27-34	4.4	29
140	Tbx2 represses expression of Connexin43 in osteoblastic-like cells. <i>Calcified Tissue International</i> , 2004 , 74, 561-73	3.9	29
139	Sodium-dependent vitamin C transporter SVCT2: expression and function in bone marrow stromal cells and in osteogenesis. <i>Stem Cell Research</i> , 2013 , 10, 36-47	1.6	27
138	The Detrimental Effects of Kynurenine, a Tryptophan Metabolite, on Human Bone Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2334-2342	5.6	26
137	Inhibition of muscarinic-stimulated polyphosphoinositide hydrolysis and Ca ²⁺ mobilization in cat iris sphincter smooth muscle cells by cAMP-elevating agents. <i>Cellular Signalling</i> , 1997 , 9, 411-21	4.9	26
136	MicroRNAs-141 and 200a regulate the SVCT2 transporter in bone marrow stromal cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 410, 19-26	4.4	25
135	Adenosine stimulation of Na ⁺ transport is mediated by an A1 receptor and a [Ca ²⁺] _i -dependent mechanism. <i>Kidney International</i> , 1995 , 47, 1576-84	9.9	25

134	Whole-Body Vibration Mimics the Metabolic Effects of Exercise in Male Leptin Receptor-Deficient Mice. <i>Endocrinology</i> , 2017 , 158, 1160-1171	4.8	24
133	Endothelin-1 induces cholestasis which is mediated by an increase in portal pressure. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 191, 1244-51	3.4	24
132	Phosphatidylglycerol Inhibits Toll-Like Receptor-Mediated Inflammation by Danger-Associated Molecular Patterns. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 868-877	4.3	24
131	Role of glucocorticoid-induced leucine zipper (GILZ) in bone acquisition. <i>Journal of Biological Chemistry</i> , 2014 , 289, 19373-82	5.4	23
130	Skeletal receptors for steroid-family regulating glycoprotein hormones: A multilevel, integrated physiological control system. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1240, 26-31	6.5	23
129	Mechanism of insulin-stimulated electrogenic sodium transport. <i>Kidney International</i> , 1994 , 46, 666-74	9.9	23
128	Immunocytochemical expression and localization of protein kinase C in bovine aortic endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 189, 40-6	3.4	23
127	Molecular cloning of a putative tetrodotoxin-resistant sodium channel from dog nodose ganglion neurons. <i>Gene</i> , 1997 , 202, 7-14	3.8	22
126	Chemically Defined and Xeno-Free Cryopreservation of Human Adipose-Derived Stem Cells. <i>PLoS ONE</i> , 2016 , 11, e0152161	3.7	22
125	Insulin Resistance Negatively Influences the Muscle-Dependent IGF-1-Bone Mass Relationship in Premenarcheal Girls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 199-205	5.6	21
124	Targeted disruption of the Lasp-1 gene is linked to increases in histamine-stimulated gastric HCl secretion. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, G37-G44	5.1	21
123	Cadmium intake and systemic exposure in postmenopausal women and age-matched men who smoke cigarettes. <i>Toxicological Sciences</i> , 2012 , 130, 191-204	4.4	20
122	The adipokine leptin mediates muscle- and liver-derived IGF-1 in aged mice. <i>Experimental Gerontology</i> , 2015 , 70, 92-6	4.5	19
121	Amino acids as signaling molecules modulating bone turnover. <i>Bone</i> , 2018 , 115, 15-24	4.7	19
120	Knockdown of SVCT2 impairs in-vitro cell attachment, migration and wound healing in bone marrow stromal cells. <i>Stem Cell Research</i> , 2014 , 12, 354-63	1.6	19
119	Low level of Vitamin C and dysregulation of Vitamin C transporter might be involved in the severity of COVID-19 Infection 2021 , 12, 14-26		19
118	Lower hand grip strength in older adults with non-alcoholic fatty liver disease: a nationwide population-based study. <i>Aging</i> , 2019 , 11, 4547-4560	5.6	18
117	pH-dependent fluoride transport in intestinal brush border membrane vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998 , 1372, 244-54	3.8	18

116	Glucose-dependent insulinotropic peptide stimulates thymidine incorporation in endothelial cells: role of endothelin-1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E390-6	6	18
115	Vasopressin-stimulated electrogenic sodium transport in A6 cells is linked to a Ca(2+)-mobilizing signal mechanism. <i>Journal of Biological Chemistry</i> , 1995 , 270, 16082-8	5.4	18
114	Glucocorticoid-induced leucine zipper (GILZ) antagonizes TNF- α -inhibition of mesenchymal stem cell osteogenic differentiation. <i>PLoS ONE</i> , 2012 , 7, e31717	3.7	18
113	MicroRNA-141-3p Negatively Modulates SDF-1 Expression in Age-Dependent Pathophysiology of Human and Murine Bone Marrow Stromal Cells. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 1368-1374	6.4	18
112	Meta-Analysis and Evidence Base for the Efficacy of Autologous Bone Marrow Mesenchymal Stem Cells in Knee Cartilage Repair: Methodological Guidelines and Quality Assessment. <i>Stem Cells International</i> , 2019 , 2019, 3826054	5	17
111	Deregulation of arginase induces bone complications in high-fat/high-sucrose diet diabetic mouse model. <i>Molecular and Cellular Endocrinology</i> , 2016 , 422, 211-220	4.4	17
110	Tension-induced reduction in connexin 43 expression in cranial sutures is linked to transcriptional regulation by TBX2. <i>Annals of Plastic Surgery</i> , 2003 , 51, 499-504	1.7	17
109	Cycling of Ca ²⁺ across the plasma membrane as a mechanism for generating a Ca ²⁺ signal for cell activation. <i>Annals of the New York Academy of Sciences</i> , 1989 , 568, 73-80	6.5	17
108	Atrial natriuretic peptide inhibits the stimulation of aldosterone secretion but not the transient increase in intracellular free calcium concentration induced by angiotensin II addition. <i>Endocrinology</i> , 1988 , 122, 1460-5	4.8	17
107	Protein/amino-acid modulation of bone cell function. <i>BoneKEy Reports</i> , 2016 , 5, 827		17
106	Insulin Resistance and the IGF-I-Cortical Bone Relationship in Children Ages 9 to 13 Years. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 1537-1545	6.3	16
105	Impact of dietary aromatic amino acids on osteoclastic activity. <i>Calcified Tissue International</i> , 2014 , 95, 174-82	3.9	16
104	Intestinal Incretins and the Regulation of Bone Physiology. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1033, 13-33	3.6	16
103	Crosstalk between bone marrow-derived mesenchymal stem cells and regulatory T cells through a glucocorticoid-induced leucine zipper/developmental endothelial locus-1-dependent mechanism. <i>FASEB Journal</i> , 2015 , 29, 3954-63	0.9	16
102	Platelet cytosolic calcium, peripheral hemodynamics, and vasodilatory peptides in liver cirrhosis. <i>Gastroenterology</i> , 1993 , 105, 863-7	13.3	16
101	Modulation of miRNAs by Vitamin C in Human Bone Marrow Stromal Cells. <i>Nutrients</i> , 2018 , 10,	6.7	15
100	Bone Marrow Derived Extracellular Vesicles Activate Osteoclast Differentiation in Traumatic Brain Injury Induced Bone Loss. <i>Cells</i> , 2019 , 8,	7.9	14
99	The crucial role of vitamin C and its transporter (SVCT2) in bone marrow stromal cell autophagy and apoptosis. <i>Stem Cell Research</i> , 2015 , 15, 312-21	1.6	14

98	Sodium-coupled vitamin C transporter (SVCT2): expression, function, and regulation in intervertebral disc cells. <i>Spine Journal</i> , 2013 , 13, 549-57	4	14
97	Zinc Supplementation Increases Procollagen Type 1 Amino-Terminal Propeptide in Premenarcheal Girls: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2015 , 145, 2699-704	4.1	14
96	Aromatic amino acid activation of signaling pathways in bone marrow mesenchymal stem cells depends on oxygen tension. <i>PLoS ONE</i> , 2014 , 9, e91108	3.7	14
95	Total body irradiation is permissive for mesenchymal stem cell-mediated new bone formation following local transplantation. <i>Tissue Engineering - Part A</i> , 2014 , 20, 3212-27	3.9	14
94	Glucose-dependent insulinotropic peptide stimulates proliferation and TGF-beta release from MG-63 cells. <i>Peptides</i> , 2003 , 24, 611-6	3.8	14
93	Negative transcriptional regulation of connexin 43 by Tbx2 in rat immature coronal sutures and ROS 17/2.8 cells in culture. <i>Cleft Palate-Craniofacial Journal</i> , 2003 , 40, 284-90	1.9	13
92	Calcium-sensitive probes for the measurement of intracellular calcium: effects of buffer system and magnesium concentration. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 214, 373-88	3.4	13
91	Signal transduction mechanisms involved in carbachol-induced aldosterone secretion from bovine adrenal glomerulosa cells. <i>Molecular and Cellular Endocrinology</i> , 1992 , 86, 93-101	4.4	13
90	Decreased pericellular matrix production and selection for enhanced cell membrane repair may impair osteocyte responses to mechanical loading in the aging skeleton. <i>Aging Cell</i> , 2020 , 19, e13056	9.9	13
89	Age-related increase of kynurenine enhances miR29b-1-5p to decrease both CXCL12 signaling and the epigenetic enzyme Hdac3 in bone marrow stromal cells. <i>Bone Reports</i> , 2020 , 12, 100270	2.6	12
88	Stromal cell-derived factor-1 (CXCL12) and its role in bone and muscle biology. <i>Cytokine</i> , 2019 , 123, 1547-53	7.3	12
87	Pituitary glycoprotein hormone receptors in non-endocrine organs. <i>Trends in Endocrinology and Metabolism</i> , 2007 , 18, 227-33	8.8	12
86	Parathyroid hormone effects on signaling pathways in endothelial cells vary with peptide concentration. <i>Peptides</i> , 2002 , 23, 79-85	3.8	12
85	What doesn't kill you makes you stranger: Dipeptidyl peptidase-4 (CD26) proteolysis differentially modulates the activity of many peptide hormones and cytokines generating novel cryptic bioactive ligands. <i>Pharmacology & Therapeutics</i> , 2019 , 198, 90-108	13.9	12
84	Overexpression of protein kinase C alpha and beta1 has distinct effects on bovine aortic endothelial cell growth. <i>Cellular Signalling</i> , 1998 , 10, 589-97	4.9	11
83	Negative Transcriptional Regulation of Connexin 43 by Tbx2 in Rat Immature Coronal Sutures and ROS 17/2.8 Cells in Culture. <i>Cleft Palate-Craniofacial Journal</i> , 2003 , 40, 284-290	1.9	11
82	Role of dendritic cell-mediated immune response in oral homeostasis: A new mechanism of osteonecrosis of the jaw. <i>FASEB Journal</i> , 2020 , 34, 2595-2608	0.9	11
81	Kynurenine Promotes RANKL-Induced Osteoclastogenesis In Vitro by Activating the Aryl Hydrocarbon Receptor Pathway. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11

80	Role of MicroRNA-141 in the Aging Musculoskeletal System: A Current Overview. <i>Mechanisms of Ageing and Development</i> , 2019 , 178, 9-15	5.6	11
79	Association of DPP-4 activity with BMD, body composition, and incident hip fracture: the Cardiovascular Health Study. <i>Osteoporosis International</i> , 2017 , 28, 1631-1640	5.3	10
78	Age-Dependent Oxidative Stress Elevates Arginase 1 and Uncoupled Nitric Oxide Synthesis in Skeletal Muscle of Aged Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 1704650	6.7	10
77	Caloric restriction and the adipokine leptin alter the SDF-1 signaling axis in bone marrow and in bone marrow derived mesenchymal stem cells. <i>Molecular and Cellular Endocrinology</i> , 2015 , 410, 64-72	4.4	10
76	Mesenchymal stem cell expression of stromal cell-derived factor-1 augments bone formation in a model of local regenerative therapy. <i>Journal of Orthopaedic Research</i> , 2015 , 33, 174-84	3.8	10
75	microRNA deficiency in pancreatic islet cells exacerbates streptozotocin-induced murine autoimmune diabetes. <i>Cell Cycle</i> , 2010 , 9, 3127-9	4.7	10
74	Fenfluramine potentiates canine pulmonary vasoreactivity to endothelin-1. <i>Pulmonary Pharmacology and Therapeutics</i> , 1998 , 11, 183-7	3.5	10
73	Parathyroid hormone-related protein stimulates prostaglandin E2 release from human osteoblast-like cells: modulating effect of peptide length. <i>Journal of Bone and Mineral Research</i> , 1992 , 7, 887-96	6.3	9
72	Phorbol ester increases mitochondrial cholesterol content in NCI H295R cells. <i>Molecular and Cellular Endocrinology</i> , 2008 , 296, 53-7	4.4	9
71	Characterization and phospholipase D mediation of the angiotensin II priming response in adrenal glomerulosa cells. <i>Endocrinology</i> , 2007 , 148, 585-93	4.8	9
70	Accumulation of kynurenine elevates oxidative stress and alters microRNA profile in human bone marrow stromal cells. <i>Experimental Gerontology</i> , 2020 , 130, 110800	4.5	9
69	Sex-Specific Differences in Extracellular Vesicle Protein Cargo in Synovial Fluid of Patients with Osteoarthritis. <i>Life</i> , 2020 , 10,	3	8
68	Removal of pamidronate from bone in rats using systemic and local chelation. <i>Archives of Oral Biology</i> , 2015 , 60, 1699-707	2.8	8
67	The role of calcium influx pathways in phospholipase D activation in bovine adrenal glomerulosa cells. <i>Journal of Endocrinology</i> , 2009 , 202, 77-86	4.7	8
66	Energy Balance, Myostatin, and GILZ: Factors Regulating Adipocyte Differentiation in Belly and Bone. <i>PPAR Research</i> , 2007 , 2007, 92501	4.3	8
65	Angiotensin II priming of aldosterone secretion with agents that enhance Ca(2+) influx. <i>Molecular and Cellular Endocrinology</i> , 2001 , 177, 61-70	4.4	8
64	Role of glucocorticoid-induced leucine zipper (GILZ) in inflammatory bone loss. <i>PLoS ONE</i> , 2017 , 12, e0181133	3.7	8
63	Elevated ceramides 18:0 and 24:1 with aging are associated with hip fracture risk through increased bone resorption. <i>Ageing</i> , 2019 , 11, 9388-9404	5.6	8

62	Kynurenine suppresses osteoblastic cell energetics in vitro and osteoblast numbers in vivo. <i>Experimental Gerontology</i> , 2020 , 130, 110818	4.5	8
61	The Role of Tryptophan Metabolites in Musculoskeletal Stem Cell Aging. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
60	A Tryptophan-Deficient Diet Induces Gut Microbiota Dysbiosis and Increases Systemic Inflammation in Aged Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
59	MicroRNAs are critical regulators of senescence and aging in mesenchymal stem cells. <i>Bone</i> , 2021 , 142, 115679	4.7	8
58	Association of Serum TSH With Handgrip Strength in Community-Dwelling Euthyroid Elderly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3986-3992	5.6	8
57	Stromal cell-derived factor-1 as a potential therapeutic target for osteoarthritis and rheumatoid arthritis. <i>Therapeutic Advances in Chronic Disease</i> , 2019 , 10, 2040622319882531	4.9	7
56	Pine oil effects on chemical and thermal injury in mice and cultured mouse dorsal root ganglion neurons. <i>Phytotherapy Research</i> , 2014 , 28, 252-60	6.7	7
55	Diagnosis of pheochromocytoma in the setting of Parkinson disease. <i>Nature Reviews Neurology</i> , 2009 , 5, 343-7	15	7
54	Inverse relationship between serum hsCRP concentration and hand grip strength in older adults: a nationwide population-based study. <i>Aging</i> , 2018 , 10, 2051-2061	5.6	7
53	Regulation of vitamin C transporter in the type 1 diabetic mouse bone and bone marrow. <i>Experimental and Molecular Pathology</i> , 2013 , 95, 298-306	4.4	6
52	The glucocorticoid receptor in osteoprogenitors regulates bone mass and marrow fat. <i>Journal of Endocrinology</i> , 2019 ,	4.7	6
51	Kynurenine induces an age-related phenotype in bone marrow stromal cells. <i>Mechanisms of Ageing and Development</i> , 2021 , 195, 111464	5.6	6
50	Deletion of PPAR α in Mesenchymal Lineage Cells Protects Against Aging-Induced Cortical Bone Loss in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 826-834	6.4	5
49	Vasopressin-induced activation of protein kinase C in renal epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998 , 1402, 188-96	4.9	5
48	Primary ovarian lymphoma manifesting with severe hypercalcemia. <i>Endocrine Practice</i> , 2003 , 9, 389-93	3.2	5
47	Parathyroid hormone stimulates electrogenic sodium transport in A6 cells. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 213, 688-98	3.4	5
46	Effect of short-term somatostatin and long-term triiodothyronine administration in a child with nontumorous inappropriate thyrotropin secretion. <i>Journal of Pediatrics</i> , 1988 , 112, 51-5	3.6	5
45	Deletion of protein kinase D1 in osteoprogenitor cells results in decreased osteogenesis in vitro and reduced bone mineral density in vivo. <i>Molecular and Cellular Endocrinology</i> , 2018 , 461, 22-31	4.4	5

44	Differentially expressed genes in PPAR δ deficient MSCs. <i>Molecular and Cellular Endocrinology</i> , 2018 , 471, 97-104	4.4	5
43	Association of Dietary Niacin Intake With Incident Hip Fracture, BMD, and Body Composition: The Cardiovascular Health Study. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 643-652	6.3	4
42	The Association of Aromatic Amino Acids with Incident Hip Fracture, aBMD, and Body Composition from the Cardiovascular Health Study. <i>Calcified Tissue International</i> , 2019 , 105, 161-172	3.9	4
41	Comparative analysis of sodium coupled vitamin C transporter 2 in human osteoarthritis grade 1 and grade 3 tissues. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 9	2.8	4
40	Picolinic acid, a tryptophan oxidation product, does not impact bone mineral density but increases marrow adiposity. <i>Experimental Gerontology</i> , 2020 , 133, 110885	4.5	3
39	Spontaneous bone loss in RIP-iNOS transgenic mouse: a mouse model for diabetes-mediated osteopenia/osteoporosis. <i>Cell Cycle</i> , 2009 , 8, 4179-81	4.7	3
38	Tryptophan-Kynurenine Pathway in COVID-19-Dependent Musculoskeletal Pathology: A Minireview. <i>Mediators of Inflammation</i> , 2021 , 2021, 2911578	4.3	3
37	Growing an epidermal tumor. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 2659-2662	4.3	2
36	Carboxy-terminal PTH fragments stimulate [³ H]thymidine incorporation in vascular endothelial cells. <i>Peptides</i> , 2005 , 26, 853-62	3.8	2
35	Characterization of Differentially Expressed miRNAs by CXCL12/SDF-1 in Human Bone Marrow Stromal Cells. <i>Biomolecular Concepts</i> , 2021 , 12, 132-143	3.7	2
34	Endogenous Glucocorticoid Signaling in the Regulation of Bone and Marrow Adiposity: Lessons from Metabolism and Cross Talk in Other Tissues. <i>Current Osteoporosis Reports</i> , 2019 , 17, 438-445	5.4	2
33	Menopause and Age-related Bone Loss 2018 , 155-161		2
32	Listeriolysin O Causes ENaC Dysfunction in Human Airway Epithelial Cells. <i>Toxins</i> , 2018 , 10,	4.9	2
31	Age-associated changes in microRNAs affect the differentiation potential of human mesenchymal stem cells: Novel role of miR-29b-1-5p expression. <i>Bone</i> , 2021 , 153, 116154	4.7	2
30	Protein kinase D1 conditional null mice show minimal bone loss following ovariectomy. <i>Molecular and Cellular Endocrinology</i> , 2018 , 474, 176-183	4.4	1
29	A ;CR for the Pancreatic ABCs. <i>Trends in Endocrinology and Metabolism</i> , 1998 , 9, 254-5	8.8	1
28	Future developments in therapy. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1117, 258-63	6.5	1
27	Role of the oral and maxillofacial surgeon in the diagnosis and treatment of patients with osteoporosis. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2007 , 19, 475-85, v	3.4	1

26	A patient with concurrent primary hyperaldosteronism and adrenal insufficiency. <i>American Journal of the Medical Sciences</i> , 2004 , 328, 344-7	2.2	1
25	Monomethylfumarate protects against ovariectomy-related changes in body composition. <i>Journal of Endocrinology</i> , 2019 ,	4.7	1
24	The Glucocorticoid Receptor in Osterix-Expressing Cells Regulates Bone Mass, Bone Marrow Adipose Tissue, and Systemic Metabolism in Female Mice During Aging. <i>Journal of Bone and Mineral Research</i> , 2021 ,	6.3	1
23	Reduction of muscle fiber size, muscle IGF-1, and increased myostatin in the leptin receptor-deficient POUND mouse. <i>FASEB Journal</i> , 2012 , 26, 730.1	0.9	1
22	Photobiomodulation has rejuvenating effects on aged bone marrow mesenchymal stem cells. <i>Scientific Reports</i> , 2021 , 11, 13067	4.9	1
21	Long Non-coding RNA MALAT1 Is Depleted With Age in Skeletal Muscle and MALAT1 Silencing Increases Expression of TGF- β .. <i>Frontiers in Physiology</i> , 2021 , 12, 742004	4.6	0
20	Dysregulation of epigenetic related genes in Diabetic Trigger finger Patients; preliminary analysis of Patient-Derived Samples. <i>Biomolecular Concepts</i> , 2020 , 11, 221-229	3.7	0
19	Changes in the activin A-myostatin-follistatin system within bone and muscle of aging mice. <i>FASEB Journal</i> , 2012 , 26, 914.4	0.9	0
18	Synergistic Effects of Multiple Factors Involved in COVID-19-dependent Muscle Loss. 2022 , 13, 344-352		0
17	Regulation of Aldosterone Production 2018 , 429-449		
16	Novel effect of insulin: insulin-stimulated Na ⁺ transport is mediated by hydrolysis of phosphoinositides. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 231, 156-9	3.4	
15	Regulation of Aldosterone Production 2009 , 361-381		
14	Functional analysis of glucose-dependent insulinotropic polypeptide fusion proteins. <i>Peptides</i> , 2001 , 22, 575-82	3.8	
13	Diet and Stress Impair Ovarian Function in Mid-life, Increasing Risk of Chronic Diseases of Aging in Primates. <i>Innovation in Aging</i> , 2021 , 5, 682-682	0.1	
12	Exploring Spirituality, Loneliness and HRQoL In Hispanic Cancer Caregivers. <i>Innovation in Aging</i> , 2021 , 5, 690-691	0.1	
11	Glucocorticoid Regulation of Osteoclasts 2020 , 303-310		
10	The effects of kynurenine metabolites on skeletal muscle in vivo and in vitro. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
9	Vitamin C supplementation for the treatment of osteoarthritis: perspectives on the past, present, and future. <i>Therapeutic Advances in Chronic Disease</i> , 2021 , 12, 20406223211047026	4.9	

8	Increased sensitivity of bone to unloading in mice lacking myostatin (GDF8). <i>FASEB Journal</i> , 2006 , 20, A23	0.9
7	Ca ²⁺ /Cyclic AMP Interactions in Sustained Cellular Responses. <i>Novartis Foundation Symposium</i> , 98-112	
6	Estrogen deficiency from ovariectomy enhances the formation of osteocyte plasma membrane disruptions from treadmill exercise in vivo. <i>FASEB Journal</i> , 2019 , 33, 326.3	0.9
5	Tryptophan Depletion through a Low Protein Diet Alters Renal Structure and Function in Young Male Mice. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9
4	Retrospective Analysis of Core Decompression in Avascular Necrosis of the Femoral Head in Patients with Sickle Cell Disease.. <i>Blood</i> , 2012 , 120, 2108-2108	2.2
3	Renal Contributions to Age-Related Changes in Mineral Metabolism. <i>JBMR Plus</i> , 2021 , 5, e10517	3.9
2	Loss of Indoleamine-2,3-Dioxygenase-1 (IDO1) in Knockout Mice Does Not Affect the Development of Skin Lesions in the Imiquimod-Induced Mouse Model of Psoriasis.. <i>International Journal of Tryptophan Research</i> , 2022 , 15, 11786469221078191	5.6
1	The Kynurenine Pathway Metabolites QA and KYNA induce senescence in Bone Marrow Stem Cells through the AhR Pathway. <i>Innovation in Aging</i> , 2021 , 5, 45-45	0.1