Carlos M Isales

List of Publications by Year
in descending order

213 papers	7,798 citations	38738 50 h-index	71682 76 g-index
232 all docs	232 docs citations	232 times ranked	8709 citing authors

#	Article	IF	Citations
1	Leptin deficiency produces contrasting phenotypes in bones of the limb and spine. Bone, 2004, 34, 376-383.	2.9	332
2	MicroRNA-183-5p Increases with Age in Bone-Derived Extracellular Vesicles, Suppresses Bone Marrow Stromal (Stem) Cell Proliferation, and Induces Stem Cell Senescence. Tissue Engineering - Part A, 2017, 23, 1231-1240.	3.1	182
3	Role of Calcium in Angiotensin II-Mediated Aldosterone Secretion*. Endocrine Reviews, 1989, 10, 496-518.	20.1	180
4	Effects of glucose-dependent insulinotropic peptide on osteoclast function. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E543-E548.	3.5	173
5	Gender-specific differential expression of exosomal miRNA in synovial fluid of patients with osteoarthritis. Scientific Reports, 2017, 7, 2029.	3.3	168
6	Tauroursodeoxycholic acid stimulates hepatocellular exocytosis and mobilizes extracellular Ca++ mechanisms defective in cholestasis.. Journal of Clinical Investigation, 1993, 92, 2984-2993.	8.2	152
7	Glucose-dependent insulinotropic polypeptide receptor knockout mice have altered bone turnover. Bone, 2005, 37, 759-769.	2.9	146
8	Loss of myostatin (GDF8) function increases osteogenic differentiation of bone marrow-derived mesenchymal stem cells but the osteogenic effect is ablated with unloading. Bone, 2007, 40, 1544-1553.	2.9	146
9	The adipokine leptin increases skeletal muscle mass and significantly alters skeletal muscle miRNA expression profile in aged mice. Biochemical and Biophysical Research Communications, 2010, 400, 379-383.	2.1	141
10	Tauroursodeoxycholic acid activates protein kinase C in isolated rat hepatocytes. Gastroenterology, 1996, 110, 1553-1563.	1.3	134
11	ACTH protects against glucocorticoid-induced osteonecrosis of bone. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8782-8787.	7.1	134
12	Age-related loss of muscle mass and bone strength in mice is associated with a decline in physical activity and serum leptin. Bone, 2006, 39, 845-853.	2.9	131
13	Glucose-dependent insulinotropic peptide-overexpressing transgenic mice have increased bone mass. Bone, 2007, 40, 1352-1360.	2.9	130
14	Effect ofKCNJ5Mutations on Gene Expression in Aldosterone-Producing Adenomas and Adrenocortical Cells. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1567-E1572.	3.6	130
15	GIP-Overexpressing Mice Demonstrate Reduced Diet-Induced Obesity and Steatosis, and Improved Glucose Homeostasis. PLoS ONE, 2012, 7, e40156.	2.5	125
16	Disordered osteoclast formation in RAGE-deficient mouse establishes an essential role for RAGE in diabetes related bone loss. Biochemical and Biophysical Research Communications, 2006, 340, 1091-1097.	2.1	124
17	Glucose-dependent insulinotropic peptide is an integrative hormone with osteotropic effects. Molecular and Cellular Endocrinology, 2001, 177, 35-41.	3.2	120
18	Muscle-derived miR-34a increases with age in circulating extracellular vesicles and induces senescence of bone marrow stem cells. Aging, 2019, 11, 1791-1803.	3.1	119

#	Article	IF	Citations
19	Caloric Restriction Decreases Cortical Bone Mass but Spares Trabecular Bone in the Mouse Skeleton: Implications for the Regulation of Bone Mass by Body Weight. Journal of Bone and Mineral Research, 2008, 23, 870-878.	2.8	113
20	Age-Related Changes in the Osteogenic Differentiation Potential of Mouse Bone Marrow Stromal Cells. Journal of Bone and Mineral Research, 2008, 23, 1118-1128.	2.8	100
21	COVID-19 Virulence in Aged Patients Might Be Impacted by the Host Cellular MicroRNAs Abundance/Profile. , 2020, 11, 509.		100
22	Diacylglycerol Production, Ca²⁺Influx, and ProteinKinase C Activation in Sustained Cellular Responses*. Endocrine Reviews, 1995, 16, 649-681.	20.1	96
23	Kynurenine, a Tryptophan Metabolite That Accumulates With Age, Induces Bone Loss. Journal of Bone and Mineral Research, 2017, 32, 2182-2193.	2.8	89
24	A Novel Y152C KCNJ5 Mutation Responsible for Familial Hyperaldosteronism Type III. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1861-E1865.	3.6	86
25	SUMO wrestling with type 1 diabetes. Journal of Molecular Medicine, 2005, 83, 504-513.	3.9	80
26	Multiple melanocortin receptors are expressed in bone cells. Bone, 2005, 36, 820-831.	2.9	78
27	Acetoacetate and Î²-Hydroxybutyrate Differentially Regulate Endothelin-1 and Vascular Endothelial Growth Factor in Mouse Brain Microvascular Endothelial Cells. Journal of Diabetes and Its Complications, 1999, 13, 91-97.	2.3	77
28	High Glucose Augments the Angiotensin II-induced Activation of JAK2 in Vascular Smooth Muscle Cells via the Polyol Pathway. Journal of Biological Chemistry, 2003, 278, 30634-30641.	3.4	74
29	Effects of Ca2+ agonists on cytosolic Ca2+ in isolated hepatocytes and on bile secretion in the isolated perfused rat liver. Hepatology, 1992, 15, 107-116.	7.3	73
30	ACTH is a novel regulator of bone mass. Annals of the New York Academy of Sciences, 2010, 1192, 110-116.	3.8	73
31	Hypercalcemia in breast cancer. American Journal of Medicine, 1987, 82, 1143-1147.	1.5	72
32	The aromatic amino acid tryptophan stimulates skeletal muscle IGF1/p70s6k/mTor signaling inÂvivo and the expression of myogenic genes inÂvitro. Nutrition, 2015, 31, 1018-1024.	2.4	71
33	Stromal Cell-Derived Factor-1Î² Mediates Cell Survival through Enhancing Autophagy in Bone Marrow-Derived Mesenchymal Stem Cells. PLoS ONE, 2013, 8, e58207.	2.5	67
34	Stem Cell-Derived Exosomes: A Potential Alternative Therapeutic Agent in Orthopaedics. Stem Cells International, 2016, 2016, 1-6.	2.5	67
35	Parathyroid Hormone Modulates Angiotensin II-Induced Aldosterone Secretion from the Adrenal Glomerulosa Cell*. Endocrinology, 1991, 129, 489-495.	2.8	65
36	Impact of Glucose-Dependent Insulinotropic Peptide on Age-Induced Bone Loss. Journal of Bone and Mineral Research, 2008, 23, 536-543.	2.8	64

#	Article	IF	Citations
37	Oxidation of the aromatic amino acids tryptophan and tyrosine disrupts their anabolic effects on bone marrow mesenchymal stem cells. Molecular and Cellular Endocrinology, 2015, 410, 87-96.	3.2	62
38	Effects of the activin Aâ€“myostatinâ€“follistatin system on aging bone and muscle progenitor cells. Experimental Gerontology, 2013, 48, 290-297.	2.8	60
39	Therapeutic potential of mesenchymal stem cell based therapy for osteoarthritis. Clinical and Translational Medicine, 2016, 5, 27.	4.0	59
40	Kynurenine inhibits autophagy and promotes senescence in aged bone marrow mesenchymal stem cells through the aryl hydrocarbon receptor pathway. Experimental Gerontology, 2020, 130, 110805.	2.8	59
41	Low-Dose Bone Morphogenetic Protein-2/Stromal Cell-Derived Factor-1Î² Cotherapy Induces Bone Regeneration in Critical-Size Rat Calvarial Defects. Tissue Engineering - Part A, 2014, 20, 1444-1453.	3.1	58
42	Angiotensin-II-Induced Changes in Diacylglycerol Levels and Their Potential Role in Modulating the Steroidogenic Response*. Endocrinology, 1991, 128, 231-241.	2.8	57
43	Phospholipase C: A Putative Mechanotransducer for Endothelial Cell Response to Acute Hemodynamic Changes. Biochemical and Biophysical Research Communications, 1993, 190, 576-581.	2.1	57
44	T-type calcium channels in adrenal glomerulosa cells: GTP-dependent modulation by angiotensin II.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 3260-3264.	7.1	56
45	Restoration of regenerative osteoblastogenesis in aged mice: Modulation of TNF. Journal of Bone and Mineral Research, 2010, 25, 114-123.	2.8	56
46	The Role of Cyclic Nucleotides in Atrial Natriuretic Peptide-Mediated Inhibition of Aldosterone Secretion*. Endocrinology, 1988, 122, 799-808.	2.8	54
47	Exposure of endothelial cells to cyclic strain induces elevations of cytosolic Ca2+ concentration through mobilization of intracellular and extracellular pools. Biochemical Journal, 1997, 326, 385-392.	3.7	54
48	Resistance to body fat gain in â€˜double-muscledâ€™ mice fed a high-fat diet. International Journal of Obesity, 2006, 30, 868-870.	3.4	53
49	Microarray analysis of Tbx2-directed gene expression: a possible role in osteogenesis. Molecular and Cellular Endocrinology, 2001, 177, 43-54.	3.2	52
50	Effects of glucose-dependent insulinotropic peptide on behavior. Peptides, 2006, 27, 2750-2755.	2.4	52
51	25-Hydroxyvitamin D, Insulin-Like Growth Factor-I, and Bone Mineral Accrual during Growth. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E89-E98.	3.6	52
52	A myostatin inhibitor (propeptide-Fc) increases muscle mass and muscle fiber size in aged mice but does not increase bone density or bone strength. Experimental Gerontology, 2013, 48, 898-904.	2.8	50
53	Kynurenine, a Tryptophan Metabolite That Increases with Age, Induces Muscle Atrophy and Lipid Peroxidation. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9.	4.0	50
54	Osteoblast-Derived Cells Express Functional Glucose-Dependent Insulinotropic Peptide Receptors. Endocrinology, 2000, 141, 1228-1235.	2.8	50

#	Article	IF	Citations
55	A Potential Role for Phospholipase-D in the Angiotensin-II-Induced Stimulation of Aldosterone Secretion from Bovine Adrenal Glomerulosa Cells*. Endocrinology, 1990, 127, 1436-1443.	2.8	49
56	The LTR enhancer of ERV-9 human endogenous retrovirus is active in oocytes and progenitor cells in transgenic zebrafish and humans. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 805-810.	7.1	48
57	Glucose-dependent insulinotropic peptide signaling pathways in endothelial cells. Peptides, 2000, 21, 1427-1432.	2.4	47
58	Muscle-bone interactions in dystrophin-deficient and myostatin-deficient mice. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2005, 286A, 814-822.	2.0	47
59	Effect of whole-body vibration on bone properties in aging mice. Bone, 2010, 47, 746-755.	2.9	45
60	Glucose-dependent insulinotropic peptide: differential effects on hepatic artery vs. portal vein endothelial cells. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E773-E779.	3.5	44
61	The Detrimental Effects of Kynurenine, a Tryptophan Metabolite, on Human Bone Metabolism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2334-2342.	3.6	44
62	Absence of Functional Leptin Receptor Isoforms in the POUND (Leprdb/lb) Mouse Is Associated with Muscle Atrophy and Altered Myoblast Proliferation and Differentiation. PLoS ONE, 2013, 8, e72330.	2.5	44
63	Phosphatidylglycerol Inhibits Toll-Like Receptorâ€“Mediated Inflammation by Danger-Associated Molecular Patterns. Journal of Investigative Dermatology, 2019, 139, 868-877.	0.7	43
64	A Tryptophan-Deficient Diet Induces Gut Microbiota Dysbiosis and Increases Systemic Inflammation in Aged Mice. International Journal of Molecular Sciences, 2021, 22, 5005.	4.1	40
65	Stromal Cell-Derived Factor-1Î² Potentiates Bone Morphogenetic Protein-2-Stimulated Osteoinduction of Genetically Engineered Bone Marrow-Derived Mesenchymal Stem CellsIn Vitro. Tissue Engineering - Part A, 2013, 19, 1-13.	3.1	39
66	Kinase activation and smooth muscle contraction in the presence and absence of calcium. Journal of Vascular Surgery, 1995, 22, 37-44.	1.1	38
67	Functional parathyroid hormone receptors are present in an umbilical vein endothelial cell line. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E654-E662.	3.5	35
68	Tbx2 Represses Expression of Connexin43 in Osteoblastic-like Cells. Calcified Tissue International, 2004, 74, 561-573.	3.1	35
69	Impact of targeted PPARÎ³ disruption on bone remodeling. Molecular and Cellular Endocrinology, 2015, 410, 27-34.	3.2	35
70	Amino acids as signaling molecules modulating bone turnover. Bone, 2018, 115, 15-24.	2.9	35
71	Differential effects of agonists of aldosterone secretion on steroidogenic acute regulatory phosphorylation. Molecular and Cellular Endocrinology, 2001, 173, 87-94.	3.2	34
72	Lower hand grip strength in older adults with non-alcoholic fatty liver disease: a nationwide population-based study. Aging, 2019, 11, 4547-4560.	3.1	34

#	Article	IF	Citations
73	MicroRNAs-141 and 200a regulate the SVCT2 transporter in bone marrow stromal cells. Molecular and Cellular Endocrinology, 2015, 410, 19-26.	3.2	32
74	Whole-Body Vibration Mimics the Metabolic Effects of Exercise in Male Leptin Receptorâ€“Deficient Mice. Endocrinology, 2017, 158, 1160-1171.	2.8	32
75	Sodium-dependent vitamin C transporter SVCT2: Expression and function in bone marrow stromal cells and in osteogenesis. Stem Cell Research, 2013, 10, 36-47.	0.7	31
76	Chemically Defined and Xeno-Free Cryopreservation of Human Adipose-Derived Stem Cells. PLoS ONE, 2016, 11, e0152161.	2.5	30
77	Adenosine stimulation of Na+ transport is mediated by an A1 receptor and a [Ca2+]i-dependent mechanism. Kidney International, 1995, 47, 1576-1584.	5.2	29
78	The adipokine leptin mediates muscle- and liver-derived IGF-1 in aged mice. Experimental Gerontology, 2015, 70, 92-96.	2.8	29
79	Stromal cell-derived factor-1 (CXCL12) and its role in bone and muscle biology. Cytokine, 2019, 123, 154783.	3.2	29
80	Low level of Vitamin C and dysregulation of Vitamin C transporter might be involved in the severity of COVID-19 Infection. , 2021, 12, 14.		29
81	Role of Glucocorticoid-induced Leucine Zipper (GILZ) in Bone Acquisition. Journal of Biological Chemistry, 2014, 289, 19373-19382.	3.4	28
82	MicroRNA-141-3p Negatively Modulates SDF-1 Expression in Age-Dependent Pathophysiology of Human and Murine Bone Marrow Stromal Cells. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1368-1374.	3.6	28
83	Endothelin-1 Induces Cholestasis Which Is Mediated by an Increase in Portal Pressure. Biochemical and Biophysical Research Communications, 1993, 191, 1244-1251.	2.1	27
84	Mechanism of insulin-stimulated electrogenic sodium transport. Kidney International, 1994, 46, 666-674.	5.2	26
85	Inhibition of Muscarinic-Stimulated Polyphosphoinositide Hydrolysis and Ca2+ Mobilization in Cat Iris Sphincter Smooth Muscle Cells By cAMP-Elevating Agents. Cellular Signalling, 1997, 9, 411-421.	3.6	26
86	Skeletal receptors for steroidâ€family regulating glycoprotein hormones. Annals of the New York Academy of Sciences, 2011, 1240, 26-31.	3.8	26
87	Insulin Resistance Negatively Influences the Muscle-Dependent IGF-1-Bone Mass Relationship in Premenarcheal Girls. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 199-205.	3.6	25
88	Meta-Analysis and Evidence Base for the Efficacy of Autologous Bone Marrow Mesenchymal Stem Cells in Knee Cartilage Repair: Methodological Guidelines and Quality Assessment. Stem Cells International, 2019, 2019, 1-15.	2.5	25
89	Role of dendritic cellâ€mediated immune response in oral homeostasis: A new mechanism of osteonecrosis of the jaw. FASEB Journal, 2020, 34, 2595-2608.	0.5	25
90	Kynurenine Promotes RANKL-Induced Osteoclastogenesis In Vitro by Activating the Aryl Hydrocarbon Receptor Pathway. International Journal of Molecular Sciences, 2020, 21, 7931.	4.1	25

#	Article	IF	Citations
91	Targeted disruption of theLasp-1gene is linked to increases in histamine-stimulated gastric HCl secretion. American Journal of Physiology - Renal Physiology, 2008, 295, G37-G44.	3.4	24
92	Impact of Dietary Aromatic Amino Acids on Osteoclastic Activity. Calcified Tissue International, 2014, 95, 174-182.	3.1	24
93	Deregulation of arginase induces bone complications in high-fat/high-sucrose diet diabetic mouse model. Molecular and Cellular Endocrinology, 2016, 422, 211-220.	3.2	24
94	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. , 2019, 198, 90-108.		24
95	Immunocytochemical expression and localization of protein kinase C in bovine aortic endothelial cells. Biochemical and Biophysical Research Communications, 1992, 189, 40-46.	2.1	23
96	Molecular cloning of a putative tetrodotoxin-resistant sodium channel from dog nodose ganglion neurons. Gene, 1997, 202, 7-14.	2.2	23
97	Knockdown of SVCT2 impairs in-vitro cell attachment, migration and wound healing in bone marrow stromal cells. Stem Cell Research, 2014, 12, 354-363.	0.7	23
98	Protein/amino-acid modulation of bone cell function. BoneKEy Reports, 2016, 5, 827.	2.7	23
99	Intestinal Incretins and the Regulation of Bone Physiology. Advances in Experimental Medicine and Biology, 2017, 1033, 13-33.	1.6	23
100	Glucocorticoid-Induced Leucine Zipper (GILZ) Antagonizes TNF-Î± Inhibition of Mesenchymal Stem Cell Osteogenic Differentiation. PLoS ONE, 2012, 7, e31717.	2.5	23
101	Vasopressin-stimulated Electrogenic Sodium Transport in A6 Cells Is Linked to a Ca2+-mobilizing Signal Mechanism. Journal of Biological Chemistry, 1995, 270, 16082-16088.	3.4	22
102	Glucose-dependent insulinotropic peptide stimulates thymidine incorporation in endothelial cells: role of endothelin-1. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E390-E396.	3.5	22
103	Cadmium Intake and Systemic Exposure in Postmenopausal Women and Age-Matched Men Who Smoke Cigarettes. Toxicological Sciences, 2012, 130, 191-204.	3.1	22
104	Age-Dependent Oxidative Stress Elevates Arginase 1 and Uncoupled Nitric Oxide Synthesis in Skeletal Muscle of Aged Mice. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9.	4.0	22
105	Bone Marrow Derived Extracellular Vesicles Activate Osteoclast Differentiation in Traumatic Brain Injury Induced Bone Loss. Cells, 2019, 8, 63.	4.1	21
106	MicroRNAs are critical regulators of senescence and aging in mesenchymal stem cells. Bone, 2021, 142, 115679.	2.9	21
107	Atrial Natriuretic Peptide Inhibits the Stimulation of Aldosterone Secretion But Not the Transient Increase in Intracellular Free Calcium Concentration Induced by Angiotensin II Addition*. Endocrinology, 1988, 122, 1460-1465.	2.8	20
108	pH-dependent fluoride transport in intestinal brush border membrane vesicles. Biochimica Et Biophysica Acta - Biomembranes, 1998, 1372, 244-254.	2.6	20

#	Article	IF	Citations
109	Crosstalk between bone marrow-derived mesenchymal stem cells and regulatory T cells through a glucocorticoid-induced leucine zipper/developmental endothelial locus-1-dependent mechanism. FASEB Journal, 2015, 29, 3954-3963.	0.5	20
110	Insulin Resistance and the IGF-I-Cortical Bone Relationship in Children Ages 9 to 13 Years. Journal of Bone and Mineral Research, 2017, 32, 1537-1545.	2.8	20
111	Modulation of miRNAs by Vitamin C in Human Bone Marrow Stromal Cells. Nutrients, 2018, 10, 186.	4.1	20
112	Sex-Specific Differences in Extracellular Vesicle Protein Cargo in Synovial Fluid of Patients with Osteoarthritis. Life, 2020, 10, 337.	2.4	20
113	Tensionâ€"Induced Reduction in Connexin 43 Expression in Cranial Sutures Is Linked to Transcriptional Regulation by TBX2. Annals of Plastic Surgery, 2003, 51, 499-504.	0.9	19
114	The crucial role of vitamin C and its transporter (SVCT2) in bone marrow stromal cell autophagy and apoptosis. Stem Cell Research, 2015, 15, 312-321.	0.7	19
115	Role of MicroRNA-141 in the Aging Musculoskeletal System: A Current Overview. Mechanisms of Ageing and Development, 2019, 178, 9-15.	4.6	19
116	Cycling of Ca2+across the Plasma Membrane as a Mechanism for Generating a Ca2+Signal for Cell Activation. Annals of the New York Academy of Sciences, 1989, 568, 73-80.	3.8	18
117	Stromal cell-derived factor-1 as a potential therapeutic target for osteoarthritis and rheumatoid arthritis. Therapeutic Advances in Chronic Disease, 2019, 10, 204062231988253.	2.5	18
118	Decreased pericellular matrix production and selection for enhanced cell membrane repair may impair osteocyte responses to mechanical loading in the aging skeleton. Aging Cell, 2020, 19, e13056.	6.7	18
119	The Role of Tryptophan Metabolites in Musculoskeletal Stem Cell Aging. International Journal of Molecular Sciences, 2020, 21, 6670.	4.1	18
120	A midregion parathyroid hormone-related peptide mobilizes cytosolic calcium and stimulates formation of inositol trisphosphate in a squamous carcinoma cell line. Endocrinology, 1996, 137, 5376-5385.	2.8	18
121	Platelet cytosolic calcium, peripheral hemodynamics, and vasodilatory peptides in liver cirrhosis. Gastroenterology, 1993, 105, 863-867.	1.3	17
122	Sodium-coupled vitamin C transporter (SVCT2): expression, function, and regulation in intervertebral disc cells. Spine Journal, 2013, 13, 549-557.	1.3	17
123	Aromatic Amino Acid Activation of Signaling Pathways in Bone Marrow Mesenchymal Stem Cells Depends on Oxygen Tension. PLoS ONE, 2014, 9, e91108.	2.5	17
124	Zinc Supplementation Increases Procollagen Type 1 Amino-Terminal Propeptide in Premenarcheal Girls: A Randomized Controlled Trial. Journal of Nutrition, 2015, 145, 2699-2704.	2.9	17
125	Kynurenine suppresses osteoblastic cell energetics in vitro and osteoblast numbers in vivo. Experimental Gerontology, 2020, 130, 110818.	2.8	17
126	Age-related increase of kynurenine enhances miR29b-1-5p to decrease both CXCL12 signaling and the epigenetic enzyme Hdac3 in bone marrow stromal cells. Bone Reports, 2020, 12, 100270.	0.4	17

#	Article	IF	Citations
127	Elevated ceramides 18:0 and 24:1 with aging are associated with hip fracture risk through increased bone resorption. Aging, 2019, 11, 9388-9404.	3.1	17
128	Calcium Sensitive Probes for the Measurement of Intracellular Calcium: Effects of Buffer System and Magnesium Concentration. Biochemical and Biophysical Research Communications, 1995, 214, 373-388.	2.1	16
129	Total Body Irradiation Is Permissive for Mesenchymal Stem Cell-Mediated New Bone Formation Following Local Transplantation. Tissue Engineering - Part A, 2014, 20, 3212-3227.	3.1	16
130	Association of Serum TSH With Handgrip Strength in Community-Dwelling Euthyroid Elderly. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3986-3992.	3.6	16
131	Rest-activity circadian rhythm and impaired glucose tolerance in adults: an analysis of NHANES 2011â€“2014. BMJ Open Diabetes Research and Care, 2022, 10, e002632.	2.8	16
132	Fenfluramine Potentiates Canine Pulmonary Vasoreactivity to Endothelin-1. Pulmonary Pharmacology and Therapeutics, 1998, 11, 183-187.	2.6	15
133	Pituitary glycoprotein hormone receptors in non-endocrine organs. Trends in Endocrinology and Metabolism, 2007, 18, 227-233.	7.1	15
134	Glucose-dependent insulinotropic peptide stimulates proliferation and TGF-Î² release from MG-63 cells. Peptides, 2003, 24, 611-616.	2.4	14
135	Negative Transcriptional Regulation of Connexin 43 by Tbx2 in Rat Immature Coronal Sutures and ROS 17/2.8 Cells in Culture. Cleft Palate-Craniofacial Journal, 2003, 40, 284-290.	0.9	14
136	Mesenchymal stem cell expression of stromal cellâ€derived factorâ€1Î² augments bone formation in a model of local regenerative therapy. Journal of Orthopaedic Research, 2015, 33, 174-184.	2.3	14
137	Accumulation of kynurenine elevates oxidative stress and alters microRNA profile in human bone marrow stromal cells. Experimental Gerontology, 2020, 130, 110800.	2.8	14
138	Signal transduction mechanisms involved in carbachol-induced aldosterone secretion from bovine adrenal glomerulosa cells. Molecular and Cellular Endocrinology, 1992, 86, 93-101.	3.2	13
139	Parathyroid hormone effects on signaling pathways in endothelial cells vary with peptide concentration. Peptides, 2002, 23, 79-85.	2.4	13
140	Negative Transcriptional Regulation of Connexin 43 by Tbx2 in Rat Immature Coronal Sutures and ROS 17/2.8 Cells in Culture. Cleft Palate-Craniofacial Journal, 2003, 40, 284-290.	0.9	13
141	microRNA deficiency in pancreatic islet cells exacerbates streptozotocin-induced murine autoimmune diabetes. Cell Cycle, 2010, 9, 3199-3201.	2.6	13
142	Kynurenine induces an age-related phenotype in bone marrow stromal cells. Mechanisms of Ageing and Development, 2021, 195, 111464.	4.6	13
143	The glucocorticoid receptor in osteoprogenitors regulates bone mass and marrow fat. Journal of Endocrinology, 2019, 243, 27-42.	2.6	13
144	Overexpression of Protein Kinase C Î± and Î²1 Has Distinct Effects on Bovine Aortic Endothelial Cell Growth. Cellular Signalling, 1998, 10, 589-597.	3.6	12

#	Article	IF	Citations
145	Parathyroid hormone-related protein stimulates prostaglandin E2 release from human osteoblast-like cells: Modulating effect of peptide length. Journal of Bone and Mineral Research, 1992, 7, 887-896.	2.8	12
146	Caloric restriction and the adipokine leptin alter the SDF-1 signaling axis in bone marrow and in bone marrow derived mesenchymal stem cells. Molecular and Cellular Endocrinology, 2015, 410, 64-72.	3.2	12
147	Association of DPP-4 activity with BMD, body composition, and incident hip fracture: the Cardiovascular Health Study. Osteoporosis International, 2017, 28, 1631-1640.	3.1	12
148	Alteration in Nasopharyngeal Microbiota Profile in Aged Patients with COVID-19. Diagnostics, 2021, 11, 1622.	2.6	12
149	Inverse relationship between serum hsCRP concentration and hand grip strength in older adults: a nationwide population-based study. Aging, 2018, 10, 2051-2061.	3.1	12
150	Characterization and Phospholipase D Mediation of the Angiotensin II Priming Response in Adrenal Glomerulosa Cells. Endocrinology, 2007, 148, 585-593.	2.8	11
151	Phorbol ester increases mitochondrial cholesterol content in NCI H295R cells. Molecular and Cellular Endocrinology, 2008, 296, 53-57.	3.2	10
152	Association of Dietary Niacin Intake With Incident Hip Fracture, BMD, and Body Composition: The Cardiovascular Health Study. Journal of Bone and Mineral Research, 2019, 34, 643-652.	2.8	10
153	Deletion of PPARÎ³ in Mesenchymal Lineage Cells Protects Against Aging-Induced Cortical Bone Loss in Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 826-834.	3.6	10
154	Picolinic acid, a tryptophan oxidation product, does not impact bone mineral density but increases marrow adiposity. Experimental Gerontology, 2020, 133, 110885.	2.8	10
155	Photobiomodulation has rejuvenating effects on aged bone marrow mesenchymal stem cells. Scientific Reports, 2021, 11, 13067.	3.3	10
156	Tryptophan-Kynurenine Pathway in COVID-19-Dependent Musculoskeletal Pathology: A Minireview. Mediators of Inflammation, 2021, 2021, 1-6.	3.0	10
157	Angiotensin II priming of aldosterone secretion with agents that enhance Ca2+ influx. Molecular and Cellular Endocrinology, 2001, 177, 61-70.	3.2	9
158	Energy Balance, Myostatin, and GILZ: Factors Regulating Adipocyte Differentiation in Belly and Bone. PPAR Research, 2007, 2007, 1-12.	2.4	9
159	Removal of pamidronate from bone in rats using systemic and local chelation. Archives of Oral Biology, 2015, 60, 1699-1707.	1.8	9
160	Age-associated changes in microRNAs affect the differentiation potential of human mesenchymal stem cells: Novel role of miR-29b-1-5p expression. Bone, 2021, 153, 116154.	2.9	9
161	Role of glucocorticoid-induced leucine zipper (GILZ) in inflammatory bone loss. PLoS ONE, 2017, 12, e0181133.	2.5	9
162	Diagnosis of pheochromocytoma in the setting of Parkinson disease. Nature Reviews Neurology, 2009, 5, 343-347.	10.1	8

#	Article	IF	Citations
163	The role of calcium influx pathways in phospholipase D activation in bovine adrenal glomerulosa cells. Journal of Endocrinology, 2009, 202, 77-86.	2.6	8
164	Pine Oil Effects on Chemical and Thermal Injury in Mice and Cultured Mouse Dorsal Root Ganglion Neurons. Phytotherapy Research, 2014, 28, 252-260.	5.8	8
165	Deletion of protein kinase D1 in osteoprogenitor cells results in decreased osteogenesis inÂvitro and reduced bone mineral density inÂvivo. Molecular and Cellular Endocrinology, 2018, 461, 22-31.	3.2	8
166	Calcium Ion As Intracellular Messenger and Cellular Toxin. Environmental Health Perspectives, 1990, 84, 17.	6.0	8
167	The Glucocorticoid Receptor in Osterix-Expressing Cells Regulates Bone Mass, Bone Marrow Adipose Tissue, and Systemic Metabolism in Female Mice During Aging. Journal of Bone and Mineral Research, 2020, 37, 285-302.	2.8	8
168	Long Non-coding RNA MALAT1 Is Depleted With Age in Skeletal Muscle in vivo and MALAT1 Silencing Increases Expression of TGF-Î²1 in vitro. Frontiers in Physiology, 2021, 12, 742004.	2.8	8
169	Synergistic Effects of Multiple Factors Involved in COVID-19-dependent Muscle Loss. , 2022, 13, 344.		8
170	Primary Ovarian Lymphoma Manifesting with Severe Hypercalcemia. Endocrine Practice, 2003, 9, 389-393.	2.1	7
171	Regulation of vitamin C transporter in the type 1 diabetic mouse bone and bone marrow. Experimental and Molecular Pathology, 2013, 95, 298-306.	2.1	7
172	Endogenous Glucocorticoid Signaling in the Regulation of Bone and Marrow Adiposity: Lessons from Metabolism and Cross Talk in Other Tissues. Current Osteoporosis Reports, 2019, 17, 438-445.	3.6	7
173	Differentially expressed genes in PPARÎ³-deficient MSCs. Molecular and Cellular Endocrinology, 2018, 471, 97-104.	3.2	6
174	The Association of Aromatic Amino Acids with Incident Hip Fracture, aBMD, and Body Composition from the Cardiovascular Health Study. Calcified Tissue International, 2019, 105, 161-172.	3.1	6
175	Characterization of Differentially Expressed miRNAs by CXCL12/SDF-1 in Human Bone Marrow Stromal Cells. Biomolecular Concepts, 2021, 12, 132-143.	2.2	6
176	Effect of short-term somatostatin and long-term triiodothyronine administration in a child with nontumours inappropriate thyrotropin secretion. Journal of Pediatrics, 1988, 112, 51-55.	1.8	5
177	Parathyroid Hormone Stimulates Electrogenic Sodium Transport in A6 Cells. Biochemical and Biophysical Research Communications, 1995, 213, 688-698.	2.1	5
178	Vasopressin-induced activation of protein kinase C in renal epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1402, 188-196.	4.1	5
179	GRowing an Epidermal Tumor. Journal of Investigative Dermatology, 2013, 133, 2659-2662.	0.7	5
180	Listeriolysin O Causes ENaC Dysfunction in Human Airway Epithelial Cells. Toxins, 2018, 10, 79.	3.4	5

#	Article	IF	Citations
181	Pearls of wisdom for aspiring physician-scientist residency applicants and program directors. JCI Insight, 2022, 7, .	5.0	5
182	Spontaneous bone loss in RIP-iNOS transgenic mouse: A mouse model for diabetes-mediated osteopenia/osteoporosis. Cell Cycle, 2009, 8, 4179-4181.	2.6	4
183	Comparative analysis of sodium coupled vitamin C transporter 2 in human osteoarthritis grade 1 and grade 3 tissues. BMC Musculoskeletal Disorders, 2014, 15, 9.	1.9	4
184	Vitamin C supplementation for the treatment of osteoarthritis: perspectives on the past, present, and future. Therapeutic Advances in Chronic Disease, 2021, 12, 204062232110470.	2.5	4
185	Monomethylfumarate protects against ovariectomy-related changes in body composition. Journal of Endocrinology, 2019, 243, 15-26.	2.6	3
186	Dysregulation of epigenetic related genes in Diabetic Trigger finger Patients; preliminary analysis of Patient-Derived Samples. Biomolecular Concepts, 2020, 11, 221-229.	2.2	3
187	Dietary interventions and molecular mechanisms for healthy musculoskeletal aging. Biogerontology, 2022, 23, 681-698.	3.9	3
188	A Patient with Concurrent Primary Hyperaldosteronism and Adrenal Insufficiency. American Journal of the Medical Sciences, 2004, 328, 344-347.	1.1	2
189	Carboxy-terminal PTH fragments stimulate [3H]thymidine incorporation in vascular endothelial cells. Peptides, 2005, 26, 853-862.	2.4	2
190	Role of the Oral and Maxillofacial Surgeon in the Diagnosis and Treatment of Patients with Osteoporosis. Oral and Maxillofacial Surgery Clinics of North America, 2007, 19, 475-485.	1.0	2
191	A `C' for the Pancreatic ABCs. Trends in Endocrinology and Metabolism, 1998, 9, 254-255.	7.1	1
192	Future Developments in Therapy. Annals of the New York Academy of Sciences, 2007, 1117, 258-263.	3.8	1
193	Protein kinase D1 conditional null mice show minimal bone loss following ovariectomy. Molecular and Cellular Endocrinology, 2018, 474, 176-183.	3.2	1
194	Regulation of Aldosterone Production. , 2018, , 429-449.		1
195	Renal Contributions to <scp>Ageâ€Related</scp> Changes in Mineral Metabolism. JBMR Plus, 2021, 5, e10517.	2.7	1
196	Changes in the activin Aâ€myostatinâ€follistatin system within bone and muscle of aging mice. FASEB Journal, 2012, 26, 914.4.	0.5	1
197	Reduction of muscle fiber size, muscle IGFâ€1, and increased myostatin in the leptin receptorâ€deficient POUND mouse. FASEB Journal, 2012, 26, 730.1.	0.5	1
198	The effects of kynurenine metabolites on skeletal muscle in vivo and in vitro. FASEB Journal, 2020, 34, 1-1.	0.5	1

#	Article	IF	Citations
199	Nanostring-Based Identification of the Gene Expression Profile in Trigger Finger Samples. Healthcare (Switzerland), 2021, 9, 1592.	2.0	1
200	Novel Effect of Insulin: Insulin-Stimulated Na+Transport Is Mediated by Hydrolysis of Phosphoinositides. Biochemical and Biophysical Research Communications, 1997, 231, 156-159.	2.1	0
201	Functional analysis of glucose-dependent insulinotropic polypeptide fusion proteins. Peptides, 2001, 22, 575-582.	2.4	0
202	Age-related changes in the osteogenic differentiation potential of BMSC. Bone, 2008, 43, S50.	2.9	0
203	Regulation of Aldosterone Production. , 2009, , 361-381.		0
204	Increased sensitivity of bone to unloading in mice lacking myostatin (GDF8). FASEB Journal, 2006, 20, A23.	0.5	0
205	Retrospective Analysis of Core Decompression in Avascular Necrosis of the Femoral Head in Patients with Sickle Cell Disease.. Blood, 2012, 120, 2108-2108.	1.4	0
206	Insulin Resistance Negatively Influences the Muscleâ€Dependent Relationship between IGFâ€I and Bone Mass in Preâ€Menarcheal Girls. FASEB Journal, 2016, 30, .	0.5	0
207	Estrogen deficiency from ovariectomy enhances the formation of osteocyte plasma membrane disruptions from treadmill exercise in vivo. FASEB Journal, 2019, 33, 326.3.	0.5	0
208	Tryptophan Depletion through a Low Protein Diet Alters Renal Structure and Function in Young Male Mice. FASEB Journal, 2020, 34, 1-1.	0.5	0
209	Glucocorticoid Regulation of Osteoclasts. , 2020, , 303-310.		0
210	Diet and Stress Impair Ovarian Function in Mid-life, Increasing Risk of Chronic Diseases of Aging in Primates. Innovation in Aging, 2021, 5, 682-682.	0.1	0
211	Depletion of the miR-34a â€œspongeâ€•MALAT1 in aging skeletal muscle: Implications for age-related muscle loss. Innovation in Aging, 2021, 5, 684-685.	0.1	0
212	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. International Journal of Tryptophan Research, 2022, 15, 117864692210781.	2.3	0
213	The Kynurenine Pathway Metabolites QA and KYNA induce senescence in Bone Marrow Stem Cells through the AhR Pathway. Innovation in Aging, 2021, 5, 45-45.	0.1	0