

# Carlos M Isales

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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> , <b>2022</b> , 15, 11786469221078191 | 5.6 |           |
| 204 | Synergistic Effects of Multiple Factors Involved in COVID-19-dependent Muscle Loss. <b>2022</b> , 13, 344-352   |     | 0         |
| 203 | Diet and Stress Impair Ovarian Function in Mid-life, Increasing Risk of Chronic Diseases of Aging in Primates. <i>Innovation in Aging</i> , <b>2021</b> , 5, 682-682  | 0.1 |           |
| 202 | Exploring Spirituality, Loneliness and HRQoL In Hispanic Cancer Caregivers. <i>Innovation in Aging</i> , <b>2021</b> , 5, 690-691   | 0.1 |           |
| 201 | Long Non-coding RNA MALAT1 Is Depleted With Age in Skeletal Muscle and MALAT1 Silencing Increases Expression of TGF- $\beta$ .. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 742004   | 4.6 | 0         |
| 200 | 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> , <b>2021</b> ,                                   | 6.3 | 1         |
| 199 | Characterization of Differentially Expressed miRNAs by CXCL12/SDF-1 in Human Bone Marrow Stromal Cells. <i>Biomolecular Concepts</i> , <b>2021</b> , 12, 132-143  | 3.7 | 2         |
| 198 | Vitamin C supplementation for the treatment of osteoarthritis: perspectives on the past, present, and future. <i>Therapeutic Advances in Chronic Disease</i> , <b>2021</b> , 12, 20406223211047026  | 4.9 |           |
| 197 | Tryptophan-Kynurenine Pathway in COVID-19-Dependent Musculoskeletal Pathology: A Minireview. <i>Mediators of Inflammation</i> , <b>2021</b> , 2021, 2911578   | 4.3 | 3         |
| 196 | Kynurenine induces an age-related phenotype in bone marrow stromal cells. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 195, 111464   | 5.6 | 6         |
| 195 | A Tryptophan-Deficient Diet Induces Gut Microbiota Dysbiosis and Increases Systemic Inflammation in Aged Mice. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,   | 6.3 | 8         |
| 194 | Photobiomodulation has rejuvenating effects on aged bone marrow mesenchymal stem cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 13067   | 4.9 | 1         |
| 193 | Renal Contributions to Age-Related Changes in Mineral Metabolism. <i>JBMR Plus</i> , <b>2021</b> , 5, e10517  | 3.9 |           |
| 192 | MicroRNAs are critical regulators of senescence and aging in mesenchymal stem cells. <i>Bone</i> , <b>2021</b> , 142, 115679  | 4.7 | 8         |
| 191 | Low level of Vitamin C and dysregulation of Vitamin C transporter might be involved in the severity of COVID-19 Infection <b>2021</b> , 12, 14-26   |     | 19        |
| 190 | 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> , <b>2021</b> , 153, 116154  | 4.7 | 2         |
| 189 | The Kynurenine Pathway Metabolites QA and KYNA induce senescence in Bone Marrow Stem Cells through the AhR Pathway. <i>Innovation in Aging</i> , <b>2021</b> , 5, 45-45   | 0.1 |           |

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| 188 | Sex-Specific Differences in Extracellular Vesicle Protein Cargo in Synovial Fluid of Patients with Osteoarthritis. <i>Life</i> , <b>2020</b> , 10,   | 3   | 8  |
| 187 | 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> , <b>2020</b> , 12, 100270                           | 2.6 | 12 |
| 186 | COVID-19 Virulence in Aged Patients Might Be Impacted by the Host Cellular MicroRNAs Abundance/Profile <b>2020</b> , 11, 509-522   |     | 63 |
| 185 | Deletion of PPAR $\gamma$ 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> , <b>2020</b> , 75, 826-834 | 6.4 | 5  |
| 184 | Picolinic acid, a tryptophan oxidation product, does not impact bone mineral density but increases marrow adiposity. <i>Experimental Gerontology</i> , <b>2020</b> , 133, 110885   | 4.5 | 3  |
| 183 | Glucocorticoid Regulation of Osteoclasts <b>2020</b> , 303-310   |     |    |
| 182 | The effects of kynurenine metabolites on skeletal muscle in vivo and in vitro. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1  | 0.9 |    |
| 181 | Tryptophan Depletion through a Low Protein Diet Alters Renal Structure and Function in Young Male Mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1   | 0.9 |    |
| 180 | Dysregulation of epigenetic related genes in Diabetic Trigger finger Patients; preliminary analysis of Patient-Derived Samples. <i>Biomolecular Concepts</i> , <b>2020</b> , 11, 221-229   | 3.7 | 0  |
| 179 | Role of dendritic cell-mediated immune response in oral homeostasis: A new mechanism of osteonecrosis of the jaw. <i>FASEB Journal</i> , <b>2020</b> , 34, 2595-2608   | 0.9 | 11 |
| 178 | Kynurenine suppresses osteoblastic cell energetics in vitro and osteoblast numbers in vivo. <i>Experimental Gerontology</i> , <b>2020</b> , 130, 110818  | 4.5 | 8  |
| 177 | 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> , <b>2020</b> , 19, e13056                | 9.9 | 13 |
| 176 | Kynurenine inhibits autophagy and promotes senescence in aged bone marrow mesenchymal stem cells through the aryl hydrocarbon receptor pathway. <i>Experimental Gerontology</i> , <b>2020</b> , 130, 110805                      | 4.5 | 33 |
| 175 | Accumulation of kynurenine elevates oxidative stress and alters microRNA profile in human bone marrow stromal cells. <i>Experimental Gerontology</i> , <b>2020</b> , 130, 110800   | 4.5 | 9  |
| 174 | Kynurenine Promotes RANKL-Induced Osteoclastogenesis In Vitro by Activating the Aryl Hydrocarbon Receptor Pathway. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3 | 11 |
| 173 | The Role of Tryptophan Metabolites in Musculoskeletal Stem Cell Aging. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3 | 8  |
| 172 | Lower hand grip strength in older adults with non-alcoholic fatty liver disease: a nationwide population-based study. <i>Aging</i> , <b>2019</b> , 11, 4547-4560   | 5.6 | 18 |
| 171 | Bone Marrow Derived Extracellular Vesicles Activate Osteoclast Differentiation in Traumatic Brain Injury Induced Bone Loss. <i>Cells</i> , <b>2019</b> , 8,  | 7.9 | 14 |

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|-----|---|------|----|
| 170 | 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> , <b>2019</b> , 34, 643-652  | 6.3  | 4  |
| 169 | The Association of Aromatic Amino Acids with Incident Hip Fracture, aBMD, and Body Composition from the Cardiovascular Health Study. <i>Calcified Tissue International</i> , <b>2019</b> , 105, 161-172   | 3.9  | 4  |
| 168 | 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> , <b>2019</b> , 2019, 1704650   | 6.7  | 10 |
| 167 | The Detrimental Effects of Kynurenine, a Tryptophan Metabolite, on Human Bone Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2334-2342  | 5.6  | 26 |
| 166 | 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> , <b>2019</b> , 2019, 3826054                                     | 5    | 17 |
| 165 | Muscle-derived miR-34a increases with age in circulating extracellular vesicles and induces senescence of bone marrow stem cells. <i>Aging</i> , <b>2019</b> , 11, 1791-1803  | 5.6  | 60 |
| 164 | Stromal cell-derived factor-1 (CXCL12) and its role in bone and muscle biology. <i>Cytokine</i> , <b>2019</b> , 123, 1547-1553  | 4.8  | 12 |
| 163 | Kynurenine, a Tryptophan Metabolite That Increases with Age, Induces Muscle Atrophy and Lipid Peroxidation. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 9894238  | 6.7  | 29 |
| 162 | Stromal cell-derived factor-1 as a potential therapeutic target for osteoarthritis and rheumatoid arthritis. <i>Therapeutic Advances in Chronic Disease</i> , <b>2019</b> , 10, 2040622319882531  | 4.9  | 7  |
| 161 | Monomethylfumarate protects against ovariectomy-related changes in body composition. <i>Journal of Endocrinology</i> , <b>2019</b> ,  | 4.7  | 1  |
| 160 | The glucocorticoid receptor in osteoprogenitors regulates bone mass and marrow fat. <i>Journal of Endocrinology</i> , <b>2019</b> ,   | 4.7  | 6  |
| 159 | Elevated ceramides 18:0 and 24:1 with aging are associated with hip fracture risk through increased bone resorption. <i>Aging</i> , <b>2019</b> , 11, 9388-9404   | 5.6  | 8  |
| 158 | Estrogen deficiency from ovariectomy enhances the formation of osteocyte plasma membrane disruptions from treadmill exercise in vivo. <i>FASEB Journal</i> , <b>2019</b> , 33, 326.3  | 0.9  |    |
| 157 | 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 &amp; Therapeutics</i> , <b>2019</b> , 198, 90-108 | 13.9 | 12 |
| 156 | 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> , <b>2019</b> , 17, 438-445  | 5.4  | 2  |
| 155 | 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> , <b>2019</b> , 74, 1368-1374                          | 6.4  | 18 |
| 154 | Phosphatidylglycerol Inhibits Toll-Like Receptor-Mediated Inflammation by Danger-Associated Molecular Patterns. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 868-877  | 4.3  | 24 |
| 153 | Role of MicroRNA-141 in the Aging Musculoskeletal System: A Current Overview. <i>Mechanisms of Ageing and Development</i> , <b>2019</b> , 178, 9-15   | 5.6  | 11 |

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|-----|---|-----|-----|
| 152 | Amino acids as signaling molecules modulating bone turnover. <i>Bone</i> , <b>2018</b> , 115, 15-24   | 4.7 | 19  |
| 151 | Protein kinase D1 conditional null mice show minimal bone loss following ovariectomy. <i>Molecular and Cellular Endocrinology</i> , <b>2018</b> , 474, 176-183  | 4.4 | 1   |
| 150 | Regulation of Aldosterone Production <b>2018</b> , 429-449  |     |     |
| 149 | Modulation of miRNAs by Vitamin C in Human Bone Marrow Stromal Cells. <i>Nutrients</i> , <b>2018</b> , 10,  | 6.7 | 15  |
| 148 | Inverse relationship between serum hsCRP concentration and hand grip strength in older adults: a nationwide population-based study. <i>Aging</i> , <b>2018</b> , 10, 2051-2061  | 5.6 | 7   |
| 147 | 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> , <b>2018</b> , 461, 22-31                      | 4.4 | 5   |
| 146 | Differentially expressed genes in PPAR $\delta$ deficient MSCs. <i>Molecular and Cellular Endocrinology</i> , <b>2018</b> , 471, 97-104   | 4.4 | 5   |
| 145 | Association of Serum TSH With Handgrip Strength in Community-Dwelling Euthyroid Elderly. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 3986-3992   | 5.6 | 8   |
| 144 | Menopause and Age-related Bone Loss <b>2018</b> , 155-161   |     | 2   |
| 143 | Listeriolysin O Causes ENaC Dysfunction in Human Airway Epithelial Cells. <i>Toxins</i> , <b>2018</b> , 10,   | 4.9 | 2   |
| 142 | Association of DPP-4 activity with BMD, body composition, and incident hip fracture: the Cardiovascular Health Study. <i>Osteoporosis International</i> , <b>2017</b> , 28, 1631-1640   | 5.3 | 10  |
| 141 | Whole-Body Vibration Mimics the Metabolic Effects of Exercise in Male Leptin Receptor-Deficient Mice. <i>Endocrinology</i> , <b>2017</b> , 158, 1160-1171   | 4.8 | 24  |
| 140 | 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> , <b>2017</b> , 23, 1231-1240 | 3.9 | 125 |
| 139 | Insulin Resistance and the IGF-I-Cortical Bone Relationship in Children Ages 9 to 13 Years. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 1537-1545   | 6.3 | 16  |
| 138 | Kynurenine, a Tryptophan Metabolite That Accumulates With Age, Induces Bone Loss. <i>Journal of Bone and Mineral Research</i> , <b>2017</b> , 32, 2182-2193   | 6.3 | 61  |
| 137 | Intestinal Incretins and the Regulation of Bone Physiology. <i>Advances in Experimental Medicine and Biology</i> , <b>2017</b> , 1033, 13-33  | 3.6 | 16  |
| 136 | Gender-specific differential expression of exosomal miRNA in synovial fluid of patients with osteoarthritis. <i>Scientific Reports</i> , <b>2017</b> , 7, 2029  | 4.9 | 114 |
| 135 | Role of glucocorticoid-induced leucine zipper (GILZ) in inflammatory bone loss. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181133  | 3.8 | 8   |

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| 134 | Insulin Resistance Negatively Influences the Muscle-Dependent IGF-1-Bone Mass Relationship in Premenarcheal Girls. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 199-205                                     | 5.6 | 21 |
| 133 | Deregulation of arginase induces bone complications in high-fat/high-sucrose diet diabetic mouse model. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 422, 211-220  | 4.4 | 17 |
| 132 | Protein/amino-acid modulation of bone cell function. <i>BoneKEy Reports</i> , <b>2016</b> , 5, 827  |     | 17 |
| 131 | Stem Cell-Derived Exosomes: A Potential Alternative Therapeutic Agent in Orthopaedics. <i>Stem Cells International</i> , <b>2016</b> , 2016, 5802529  | 5   | 48 |
| 130 | Chemically Defined and Xeno-Free Cryopreservation of Human Adipose-Derived Stem Cells. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152161   | 3.7 | 22 |
| 129 | Therapeutic potential of mesenchymal stem cell based therapy for osteoarthritis. <i>Clinical and Translational Medicine</i> , <b>2016</b> , 5, 27   | 5.7 | 47 |
| 128 | MicroRNAs-141 and 200a regulate the SVCT2 transporter in bone marrow stromal cells. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 410, 19-26  | 4.4 | 25 |
| 127 | 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> , <b>2015</b> , 410, 64-72                        | 4.4 | 10 |
| 126 | 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> , <b>2015</b> , 31, 1018-24  | 4.8 | 46 |
| 125 | The adipokine leptin mediates muscle- and liver-derived IGF-1 in aged mice. <i>Experimental Gerontology</i> , <b>2015</b> , 70, 92-6  | 4.5 | 19 |
| 124 | The crucial role of vitamin C and its transporter (SVCT2) in bone marrow stromal cell autophagy and apoptosis. <i>Stem Cell Research</i> , <b>2015</b> , 15, 312-21   | 1.6 | 14 |
| 123 | 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> , <b>2015</b> , 29, 3954-63 | 0.9 | 16 |
| 122 | Zinc Supplementation Increases Procollagen Type 1 Amino-Terminal Propeptide in Premenarcheal Girls: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 2699-704  | 4.1 | 14 |
| 121 | Removal of pamidronate from bone in rats using systemic and local chelation. <i>Archives of Oral Biology</i> , <b>2015</b> , 60, 1699-707   | 2.8 | 8  |
| 120 | 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> , <b>2015</b> , 410, 87-96                                 | 4.4 | 44 |
| 119 | Impact of targeted PPAR $\alpha$ disruption on bone remodeling. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 410, 27-34  | 4.4 | 29 |
| 118 | Mesenchymal stem cell expression of stromal cell-derived factor-1 $\beta$ augments bone formation in a model of local regenerative therapy. <i>Journal of Orthopaedic Research</i> , <b>2015</b> , 33, 174-84                               | 3.8 | 10 |
| 117 | Low-dose bone morphogenetic protein-2/stromal cell-derived factor-1 $\beta$ otherapy induces bone regeneration in critical-size rat calvarial defects. <i>Tissue Engineering - Part A</i> , <b>2014</b> , 20, 1444-53                       | 3.9 | 51 |

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| 116 | Impact of dietary aromatic amino acids on osteoclastic activity. <i>Calcified Tissue International</i> , <b>2014</b> , 95, 174-82   | 3.9 | 16 |
| 115 | Aromatic amino acid activation of signaling pathways in bone marrow mesenchymal stem cells depends on oxygen tension. <i>PLoS ONE</i> , <b>2014</b> , 9, e91108   | 3.7 | 14 |
| 114 | Role of glucocorticoid-induced leucine zipper (GILZ) in bone acquisition. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 19373-82  | 5.4 | 23 |
| 113 | Total body irradiation is permissive for mesenchymal stem cell-mediated new bone formation following local transplantation. <i>Tissue Engineering - Part A</i> , <b>2014</b> , 20, 3212-27  | 3.9 | 14 |
| 112 | Pine oil effects on chemical and thermal injury in mice and cultured mouse dorsal root ganglion neurons. <i>Phytotherapy Research</i> , <b>2014</b> , 28, 252-60  | 6.7 | 7  |
| 111 | Comparative analysis of sodium coupled vitamin C transporter 2 in human osteoarthritis grade 1 and grade 3 tissues. <i>BMC Musculoskeletal Disorders</i> , <b>2014</b> , 15, 9  | 2.8 | 4  |
| 110 | Knockdown of SVCT2 impairs in-vitro cell attachment, migration and wound healing in bone marrow stromal cells. <i>Stem Cell Research</i> , <b>2014</b> , 12, 354-63   | 1.6 | 19 |
| 109 | Stromal cell-derived factor-1 $\beta$ potentiates bone morphogenetic protein-2-stimulated osteoinduction of genetically engineered bone marrow-derived mesenchymal stem cells in vitro. <i>Tissue Engineering - Part A</i> , <b>2013</b> , 19, 1-13 | 3.9 | 35 |
| 108 | Effects of the activin A-myostatin-follistatin system on aging bone and muscle progenitor cells. <i>Experimental Gerontology</i> , <b>2013</b> , 48, 290-7  | 4.5 | 51 |
| 107 | Sodium-coupled vitamin C transporter (SVCT2): expression, function, and regulation in intervertebral disc cells. <i>Spine Journal</i> , <b>2013</b> , 13, 549-57  | 4   | 14 |
| 106 | a Novel Y152C KCNJ5 mutation responsible for familial hyperaldosteronism type III. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, E1861-5  | 5.6 | 65 |
| 105 | Sodium-dependent vitamin C transporter SVCT2: expression and function in bone marrow stromal cells and in osteogenesis. <i>Stem Cell Research</i> , <b>2013</b> , 10, 36-47   | 1.6 | 27 |
| 104 | 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> , <b>2013</b> , 48, 898-904                                     | 4.5 | 44 |
| 103 | Regulation of vitamin C transporter in the type 1 diabetic mouse bone and bone marrow. <i>Experimental and Molecular Pathology</i> , <b>2013</b> , 95, 298-306  | 4.4 | 6  |
| 102 | Growing an epidermal tumor. <i>Journal of Investigative Dermatology</i> , <b>2013</b> , 133, 2659-2662  | 4.3 | 2  |
| 101 | Stromal cell-derived factor-1 $\beta$ mediates cell survival through enhancing autophagy in bone marrow-derived mesenchymal stem cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e58207   | 3.7 | 61 |
| 100 | Absence of functional leptin receptor isoforms in the POUND (Lepr(db/lb)) mouse is associated with muscle atrophy and altered myoblast proliferation and differentiation. <i>PLoS ONE</i> , <b>2013</b> , 8, e72330                                 | 3.7 | 36 |
| 99  | GIP-overexpressing mice demonstrate reduced diet-induced obesity and steatosis, and improved glucose homeostasis. <i>PLoS ONE</i> , <b>2012</b> , 7, e40156   | 3.7 | 91 |

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|----|---|------|-----|
| 98 | Effect of KCNJ5 mutations on gene expression in aldosterone-producing adenomas and adrenocortical cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, E1567-72   | 5.6  | 112 |
| 97 | Cadmium intake and systemic exposure in postmenopausal women and age-matched men who smoke cigarettes. <i>Toxicological Sciences</i> , <b>2012</b> , 130, 191-204   | 4.4  | 20  |
| 96 | Glucocorticoid-induced leucine zipper (GILZ) antagonizes TNF- $\alpha$ inhibition of mesenchymal stem cell osteogenic differentiation. <i>PLoS ONE</i> , <b>2012</b> , 7, e31717  | 3.7  | 18  |
| 95 | Changes in the activin A-myostatin-follistatin system within bone and muscle of aging mice. <i>FASEB Journal</i> , <b>2012</b> , 26, 914.4  | 0.9  | 0   |
| 94 | Reduction of muscle fiber size, muscle IGF-1, and increased myostatin in the leptin receptor-deficient POUND mouse. <i>FASEB Journal</i> , <b>2012</b> , 26, 730.1  | 0.9  | 1   |
| 93 | Retrospective Analysis of Core Decompression in Avascular Necrosis of the Femoral Head in Patients with Sickle Cell Disease.. <i>Blood</i> , <b>2012</b> , 120, 2108-2108   | 2.2  |     |
| 92 | Skeletal receptors for steroid-family regulating glycoprotein hormones: A multilevel, integrated physiological control system. <i>Annals of the New York Academy of Sciences</i> , <b>2011</b> , 1240, 26-31                              | 6.5  | 23  |
| 91 | 25-hydroxyvitamin D, insulin-like growth factor-I, and bone mineral accrual during growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E89-98   | 5.6  | 42  |
| 90 | ACTH is a novel regulator of bone mass. <i>Annals of the New York Academy of Sciences</i> , <b>2010</b> , 1192, 110-6   | 6.5  | 66  |
| 89 | ACTH protects against glucocorticoid-induced osteonecrosis of bone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 8782-7  | 11.5 | 115 |
| 88 | microRNA deficiency in pancreatic islet cells exacerbates streptozotocin-induced murine autoimmune diabetes. <i>Cell Cycle</i> , <b>2010</b> , 9, 3127-9  | 4.7  | 10  |
| 87 | Effect of whole-body vibration on bone properties in aging mice. <i>Bone</i> , <b>2010</b> , 47, 746-55   | 4.7  | 41  |
| 86 | 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> , <b>2010</b> , 400, 379-83 <sup>3,4</sup> |      | 111 |
| 85 | Restoration of regenerative osteoblastogenesis in aged mice: modulation of TNF. <i>Journal of Bone and Mineral Research</i> , <b>2010</b> , 25, 114-23  | 6.3  | 49  |
| 84 | Spontaneous bone loss in RIP-iNOS transgenic mouse: a mouse model for diabetes-mediated osteopenia/osteoporosis. <i>Cell Cycle</i> , <b>2009</b> , 8, 4179-81   | 4.7  | 3   |
| 83 | Diagnosis of pheochromocytoma in the setting of Parkinson disease. <i>Nature Reviews Neurology</i> , <b>2009</b> , 5, 343-7   | 15   | 7   |
| 82 | The role of calcium influx pathways in phospholipase D activation in bovine adrenal glomerulosa cells. <i>Journal of Endocrinology</i> , <b>2009</b> , 202, 77-86   | 4.7  | 8   |
| 81 | Regulation of Aldosterone Production <b>2009</b> , 361-381  |      |     |



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|----|---|-----|-----|
| 80 | Phorbol ester increases mitochondrial cholesterol content in NCI H295R cells. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 296, 53-7   | 4.4 | 9   |
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