

# Dawidson Assis Gomes

## 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.

|                    |                         |                |                |
|--------------------|-------------------------|----------------|----------------|
| 120<br>papers      | 2,912<br>citations      | 32<br>h-index  | 49<br>g-index  |
| 128<br>ext. papers | 3,397<br>ext. citations | 4.3<br>avg, IF | 4.9<br>L-index |

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 120 | Induction of Corneal Epithelial Differentiation of Induced Pluripotent and Orbital Fat-Derived Stem Cells Seeded on Decellularized Human Corneas.. <i>Stem Cell Reviews and Reports</i> , <b>2022</b> , 1                          | 7.3 | 1         |
| 119 | Roles of mesenchymal stromal cells in the head and neck cancer microenvironment. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 144, 112269  | 7.5 | 1         |
| 118 | The basis of nuclear phospholipase C in cell proliferation. <i>Advances in Biological Regulation</i> , <b>2021</b> , 82, 100834  | 6.2 | 1         |
| 117 | Characterization of neoplastic cells outlining the cystic space of invasive micropapillary carcinoma of the canine mammary gland. <i>BMC Veterinary Research</i> , <b>2021</b> , 17, 130   | 2.7 | 1         |
| 116 | Extract from Arrabidaea chica (Fridericia chica) leaves show preventive action for the mitigation of doxorubicin-induced cardiotoxicity. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2021</b> , 73, 513-516 | 8.3 | 16        |
| 115 | Liposomes co-encapsulating doxorubicin and glucoevatromonoside derivative induce synergic cytotoxic response against breast cancer cell lines. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 136, 111123                  | 7.5 | 2         |
| 114 | Neuroprotective Effect of siRNA Entrapped in Hyaluronic Acid-Coated Lipoplexes by Intravitreal Administration. <i>Pharmaceutics</i> , <b>2021</b> , 13,  | 6.4 | 1         |
| 113 | Dual anticancer and antibacterial activities of bismuth compounds based on asymmetric [NNP] ligands. <i>Journal of Inorganic Biochemistry</i> , <b>2021</b> , 222, 111522  | 4.2 | 1         |
| 112 | Characterization of a protein with unknown function (LinJ.30.3360) in Leishmania amazonensis and Leishmania infantum. <i>Experimental Parasitology</i> , <b>2021</b> , 221, 108048   | 2.1 |           |
| 111 | Cobalt-containing bioactive glass mimics vascular endothelial growth factor A and hypoxia inducible factor 1 function. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2021</b> , 109, 1051-1064                     | 5.4 | 5         |
| 110 | Human Stem Cell-Derived Retinal Pigment Epithelial Cells as a Model for Drug Screening and Pre-Clinical Assays Compared to ARPE-19 Cell Line. <i>International Journal of Stem Cells</i> , <b>2021</b> , 14, 74-84                 | 3   | 0         |
| 109 | Selection of DNA Aptamers for Differentiation of Human Adipose-Derived Mesenchymal Stem Cells from Fibroblasts. <i>Applied Biochemistry and Biotechnology</i> , <b>2021</b> , 193, 3704-3718                                       | 3.2 | 2         |
| 108 | Synthesis and characterization of gold nanorods coated by mesoporous silica MCM-41 as a platform bioapplication in photohyperthermia. <i>Nanotechnology</i> , <b>2021</b> , 32,  | 3.4 | 1         |
| 107 | Phenotypic changes on central nervous system (CNS) tumor cell lines cultured in vitro 2D and 3D models and treated with cisplatin. <i>Acta Histochemica</i> , <b>2021</b> , 123, 151768  | 2   |           |
| 106 | The synthetic peptide PnPP-19 potentiates erectile function via nNOS and iNOS. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2021</b> , 113-114, 23-30  | 5   | 1         |
| 105 | Long-term dexamethasone treatment increases the engraftment efficiency of human breast cancer cells in adult zebrafish. <i>Fish and Shellfish Immunology Reports</i> , <b>2021</b> , 2, 100007                                     | 2   | 1         |
| 104 | Adipose-derived stem/stromal cell secretome modulates breast cancer cell proliferation and differentiation state towards aggressiveness. <i>Biochimie</i> , <b>2021</b> , 191, 69-77   | 4.6 | 0         |

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| 103 | Human adipose-derived stromal/stem cells are distinct from dermal fibroblasts as evaluated by biological characterization and RNA sequencing. <i>Cell Biochemistry and Function</i> , <b>2021</b> , 39, 442-454                            | 4.2  | 2  |
| 102 | Evaluation of the immunomodulatory activity of thalidomide on tumor-associated macrophages in the 4T1 murine metastatic breast cancer model. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2021</b> , 73, 1334-1345   | 0.3  |    |
| 101 | Epithelial basement membrane of human decellularized cornea as a suitable substrate for differentiation of embryonic stem cells into corneal epithelial-like cells. <i>Materials Science and Engineering C</i> , <b>2020</b> , 116, 111215 | 8.3  | 9  |
| 100 | Neuroprotective potential of Ayahuasca and untargeted metabolomics analyses: applicability to Parkinson's disease. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 255, 112743   | 5    | 12 |
| 99  | DNA aptamers selection for carcinoembryonic antigen (CEA). <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127278  | 2.9  | 5  |
| 98  | Surface modification and biological evaluation of kojic acid/silica nanoparticles as platforms for biomedical systems. <i>International Journal of Applied Ceramic Technology</i> , <b>2020</b> , 17, 380-391                              | 2    | 1  |
| 97  | Central nervous system (CNS) tumor cell heterogeneity contributes to differential platinum-based response in an in vitro 2D and 3D cell culture approach. <i>Experimental and Molecular Pathology</i> , <b>2020</b> , 116, 104520          | 4.4  | 6  |
| 96  | Type 3 Inositol 1,4,5-Trisphosphate Receptor Is Increased and Enhances Malignant Properties in Cholangiocarcinoma. <i>Hepatology</i> , <b>2020</b> , 71, 583-599   | 11.2 | 32 |
| 95  | Epidermal growth factor (EGF) triggers nuclear calcium signaling through the intranuclear phospholipase C $\beta$ (PLC $\beta$ ). <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 16650-16662                                  | 5.4  | 9  |
| 94  | Versican and Tumor-Associated Macrophages Promotes Tumor Progression and Metastasis in Canine and Murine Models of Breast Carcinoma. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 577   | 5.3  | 20 |
| 93  | 89Sr-doped hydroxyapatite nanoparticles as a potential therapeutic agent for bone tumors. <i>International Journal of Applied Ceramic Technology</i> , <b>2019</b> , 16, 1904-1919   | 2    | 7  |
| 92  | Hybrid polymeric systems of mesoporous silica/hydroxyapatite nanoparticles applied as antitumor drug delivery platform. <i>International Journal of Applied Ceramic Technology</i> , <b>2019</b> , 16, 1836-1849                           | 2    | 6  |
| 91  | The investigation of transcriptional repression mediated by ZEB2 in canine invasive micropapillary carcinoma in mammary gland. <i>PLoS ONE</i> , <b>2019</b> , 14, e0209497  | 3.7  | 3  |
| 90  | Folate-coated, long-circulating and pH-sensitive liposomes enhance doxorubicin antitumor effect in a breast cancer animal model. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 118, 109323  | 7.5  | 39 |
| 89  | Boron nitride nanotube@NiFeO: a highly efficient system for magnetohyperthermia therapy. <i>Nanomedicine</i> , <b>2019</b> , 14, 3075-3088   | 5.6  | 2  |
| 88  | Immunogenicity and protective efficacy of a new Leishmania hypothetical protein applied as a DNA vaccine or in a recombinant form against Leishmania infantum infection. <i>Molecular Immunology</i> , <b>2019</b> , 106, 108-118          | 4.3  | 11 |
| 87  | The DNA damage response is developmentally regulated in the African trypanosome. <i>DNA Repair</i> , <b>2019</b> , 73, 78-90   | 4.3  | 6  |
| 86  | Toxicity and in vivo release profile of sirolimus from implants into the vitreous of rabbits. <i>Documenta Ophthalmologica</i> , <b>2019</b> , 138, 3-19   | 2.2  | 7  |

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|----|--|------|----|
| 85 | CLA-supplemented diet accelerates experimental colorectal cancer by inducing TGF- $\beta$ -producing macrophages and T cells. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 188-199  | 9.2  | 15 |
| 84 | Tumour-associated macrophages: Relation with progression and invasiveness, and assessment of M1/M2 macrophages in canine mammary tumours. <i>Veterinary Journal</i> , <b>2018</b> , 234, 119-125   | 2.5  | 19 |
| 83 | Mesoporous silica SBA-16/hydroxyapatite-based composite for ciprofloxacin delivery to bacterial bone infection. <i>Journal of Sol-Gel Science and Technology</i> , <b>2018</b> , 85, 369-381   | 2.3  | 13 |
| 82 | Translocation of Epidermal Growth Factor (EGF) to the nucleus has distinct kinetics between adipose tissue-derived mesenchymal stem cells and a mesenchymal cancer cell lineage. <i>Journal of Structural Biology</i> , <b>2018</b> , 202, 61-69                       | 3.4  | 5  |
| 81 | Glyphosate-based herbicide induces toxic effects on human adipose-derived mesenchymal stem cells grown in human plasma. <i>Comparative Clinical Pathology</i> , <b>2018</b> , 27, 989-1000   | 0.9  | 3  |
| 80 | PnTx2-6 (or $\beta$ CNTX-Pn2a), a toxin from Phoneutria nigriventer spider venom, releases l-glutamate from rat brain synaptosomes involving Na and Ca channels and changes protein expression at the blood-brain barrier. <i>Toxicon</i> , <b>2018</b> , 150, 280-288 | 2.8  | 2  |
| 79 | Protection of normal cells from irradiation bystander effects by silica-flufenamic acid nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2018</b> , 29, 130  | 4.5  | 13 |
| 78 | Biodegradable Polymers Grafted onto Multifunctional Mesoporous Silica Nanoparticles for Gene Delivery. <i>ChemEngineering</i> , <b>2018</b> , 2, 24  | 2.6  | 9  |
| 77 | Neuroprotection and immunomodulation following intraspinal axotomy of motoneurons by treatment with adult mesenchymal stem cells. <i>Journal of Neuroinflammation</i> , <b>2018</b> , 15, 230  | 10.1 | 25 |
| 76 | Stem Cell Extracellular Vesicles in Skin Repair. <i>Bioengineering</i> , <b>2018</b> , 6,  | 5.3  | 41 |
| 75 | Second-Sphere Effects in Dinuclear FeZn Hydrolase Biomimetics: Tuning Binding and Reactivity Properties. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 187-203  | 5.1  | 20 |
| 74 | Antigenicity, immunogenicity and protective efficacy of a conserved Leishmania hypothetical protein against visceral leishmaniasis. <i>Parasitology</i> , <b>2018</b> , 145, 740-751   | 2.7  | 10 |
| 73 | Calcium Signaling in Cholangiocytes: Methods, Mechanisms, and Effects. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,  | 6.3  | 10 |
| 72 | Expression of epidermal growth factor receptor (EGFR) in cholangiocarcinomas: predictive factors and survival. <i>Revista Do Colegio Brasileiro De Cirurgioes</i> , <b>2018</b> , 45, e1826  | 0.5  | 6  |
| 71 | BNNT/Fe <sub>3</sub> O <sub>4</sub> System as an Efficient Tool for Magnetohyperthermia Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 6746-6755  | 1.3  | 10 |
| 70 | Phospholipase C delta 4 (PLC $\delta$ 4) is a nuclear protein involved in cell proliferation and senescence in mesenchymal stromal stem cells. <i>Cellular Signalling</i> , <b>2018</b> , 49, 59-67  | 4.9  | 7  |
| 69 | Multifunctional mesoporous silica nanoparticles for cancer-targeted, controlled drug delivery and imaging. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 242, 271-283  | 5.3  | 60 |
| 68 | Effect of ionizing radiation exposure on Trypanosoma cruzi ubiquitin-proteasome system. <i>Molecular and Biochemical Parasitology</i> , <b>2017</b> , 212, 55-67   | 1.9  | 8  |

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| 67 | Familial germline mutation defines a new human cohesinopathy. <i>Npj Genomic Medicine</i> , <b>2017</b> , 2, 7   | 6.2 | 37 |
| 66 | Persistent testicular structural and functional alterations after exposure of adult rats to atrazine. <i>Reproductive Toxicology</i> , <b>2017</b> , 73, 201-213   | 3.4 | 10 |
| 65 | The In Vitro and In Vivo Antiangiogenic Effects of Flavokawain B. <i>Phytotherapy Research</i> , <b>2017</b> , 31, 1607-1613   | 4.6 | 13 |
| 64 | An Assessment of the Potential Use of BNNTs for Boron Neutron Capture Therapy. <i>Nanomaterials</i> , <b>2017</b> , 7,   | 5.4 | 26 |
| 63 | Extracellular Vesicles from Adipose-Derived Mesenchymal Stem/Stromal Cells Accelerate Migration and Activate AKT Pathway in Human Keratinocytes and Fibroblasts Independently of miR-205 Activity. <i>Stem Cells International</i> , <b>2017</b> , 2017, 9841035 | 5   | 39 |
| 62 | Cyclic adenosine monophosphate protects renal cell lines against amphotericin B toxicity in a PKA-independent manner. <i>Drug and Chemical Toxicology</i> , <b>2016</b> , 39, 28-34  | 2.3 |    |
| 61 | Tocopherol succinate improves encapsulation and anticancer activity of doxorubicin loaded in solid lipid nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 140, 246-253   | 6   | 38 |
| 60 | Anti-Toxoplasma activity and impact evaluation of lyophilization, hot molding process, and gamma-irradiation techniques on CLH-PLGA intravitreal implants. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2016</b> , 27, 10                     | 4.5 | 7  |
| 59 | TLR 9 involvement in early protection induced by immunization with rPb27 against Paracoccidioidomycosis. <i>Microbes and Infection</i> , <b>2016</b> , 18, 137-47  | 9.3 | 9  |
| 58 | Inhibition of the osteogenic differentiation of mesenchymal stem cells derived from the offspring of rats treated with caffeine during pregnancy and lactation. <i>Connective Tissue Research</i> , <b>2016</b> , 57, 131-42                                     | 3.3 | 10 |
| 57 | Inner nuclear membrane localization of epidermal growth factor receptor (EGFR) in spontaneous canine model of invasive micropapillary carcinoma of the mammary gland. <i>Pathology Research and Practice</i> , <b>2016</b> , 212, 340-4                          | 3.4 | 15 |
| 56 | Impairment of stress granule assembly via inhibition of the eIF2alpha phosphorylation sensitizes glioma cells to chemotherapeutic agents. <i>Journal of Neuro-Oncology</i> , <b>2016</b> , 127, 253-60   | 4.8 | 32 |
| 55 | Improved In Vitro Antileukemic Activity of All-Trans Retinoic Acid Loaded in Cholesteryl Butyrate Solid Lipid Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 1291-300   | 1.3 | 21 |
| 54 | IL-1 $\beta$ s Involved with the Generation of Pain in Experimental Autoimmune Encephalomyelitis. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 6540-6547  | 6.2 | 12 |
| 53 | Effects of different ligands on epidermal growth factor receptor (EGFR) nuclear translocation. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 478, 39-45   | 3.4 | 32 |
| 52 | IFN- $\gamma$ -Dependent Recruitment of CD4(+) T Cells and Macrophages Contributes to Pathogenesis During Leishmania amazonensis Infection. <i>Journal of Interferon and Cytokine Research</i> , <b>2015</b> , 35, 935-47  | 3.5 | 21 |
| 51 | The Relationship Between E-Cadherin and its Transcriptional Repressors in Spontaneously Arising Canine Invasive Micropapillary Mammary Carcinoma. <i>Journal of Comparative Pathology</i> , <b>2015</b> , 153, 256-65  | 6.1 | 11 |
| 50 | Immunization with recombinant Pb27 protein reduces the levels of pulmonary fibrosis caused by the inflammatory response against Paracoccidioides brasiliensis. <i>Mycopathologia</i> , <b>2015</b> , 179, 31-43  | 2.9 | 17 |

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| 49 | Human adipose tissue-derived stem cells cultured in xeno-free culture condition enhance c-MYC expression increasing proliferation but bypassing spontaneous cell transformation. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 76                                     | 8.3  | 34 |
| 48 | Production of Human Endothelial Cells Free from Soluble Xenogeneic Antigens for Bioartificial Small Diameter Vascular Graft Endothelialization. <i>BioMed Research International</i> , <b>2015</b> , 2015, 652474  | 3    | 6  |
| 47 | Nanostructured lipid carriers loaded with tributyrin as an alternative to improve anticancer activity of all-trans retinoic acid. <i>Expert Review of Anticancer Therapy</i> , <b>2015</b> , 15, 247-56  | 3.5  | 17 |
| 46 | Nuclear localization of epidermal growth factor receptor (EGFR) in ameloblastomas. <i>Oncotarget</i> , <b>2015</b> , 6, 9679-85  | 3.3  | 12 |
| 45 | Oxidized multiwalled carbon nanotubes as antigen delivery system to promote superior CD8(+) T cell response and protection against cancer. <i>Nano Letters</i> , <b>2014</b> , 14, 5458-70   | 11.5 | 79 |
| 44 | Alkaline phosphatase expression/activity and multilineage differentiation potential are the differences between fibroblasts and orbital fat-derived stem cells—a study in animal serum-free culture conditions. <i>Stem Cell Reviews and Reports</i> , <b>2014</b> , 10, 697-711 | 6.4  | 17 |
| 43 | Crotoxin from <i>Crotalus durissus terrificus</i> snake venom induces the release of glutamate from cerebrocortical synaptosomes via N and P/Q calcium channels. <i>Toxicon</i> , <b>2014</b> , 85, 5-16   | 2.8  | 19 |
| 42 | Whole venom of <i>Loxosceles similis</i> activates caspases-3, -6, -7, and -9 in human primary skin fibroblasts. <i>Toxicon</i> , <b>2014</b> , 84, 56-64  | 2.8  | 12 |
| 41 | Role of protein kinase A signaling pathway in cyclosporine nephrotoxicity. <i>Toxicology Mechanisms and Methods</i> , <b>2014</b> , 24, 369-76   | 3.6  | 4  |
| 40 | New developments of RNAi in <i>Paracoccidioides brasiliensis</i> : prospects for high-throughput, genome-wide, functional genomics. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3173   | 4.8  | 9  |
| 39 | Doxorubicin has in vivo toxicological effects on ex vivo cultured mesenchymal stem cells. <i>Toxicology Letters</i> , <b>2014</b> , 224, 380-6   | 4.4  | 28 |
| 38 | Priming mesenchymal stem cells boosts stem cell therapy to treat myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , <b>2013</b> , 17, 617-25   | 5.6  | 42 |
| 37 | Cytoplasmic-targeted parvalbumin blocks the proliferation of multipotent mesenchymal stromal cells in prophase. <i>Stem Cell Research and Therapy</i> , <b>2013</b> , 4, 92  | 8.3  | 4  |
| 36 | Human serum is a suitable supplement for the osteogenic differentiation of human adipose-derived stem cells seeded on poly-3-hydroxybutyrate-co-3-hydroxyvalerate scaffolds. <i>Tissue Engineering - Part A</i> , <b>2013</b> , 19, 277-89                                       | 3.9  | 24 |
| 35 | Identification and functional analysis of <i>Trypanosoma cruzi</i> genes that encode proteins of the glycosylphosphatidylinositol biosynthetic pathway. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2369   | 4.8  | 17 |
| 34 | Identification of a new <i>Schistosoma mansoni</i> SMYB1 partner: putative roles in RNA metabolism. <i>Parasitology</i> , <b>2013</b> , 140, 1085-95   | 2.7  | 2  |
| 33 | Genomic and phenotypic profiles of two Brazilian breast cancer cell lines derived from primary human tumors. <i>Oncology Reports</i> , <b>2013</b> , 29, 1299-307  | 3.5  | 5  |
| 32 | Genótipo e expressão da proteína fluorescente verde melhorada em ratos da linhagem LEW-Tg (EGFP) F455.5/Rrrc. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , <b>2013</b> , 50, 87  | 0.3  |    |



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| 31 | Doxorubicin Cardiotoxicity and Cardiac Function Improvement After Stem Cell Therapy Diagnosed by Strain Echocardiography. <i>Journal of Cancer Science &amp; Therapy</i> , <b>2013</b> , 5, 52-57                                  | 5    | 40  |
| 30 | SET domain-containing Protein 4 (SETD4) is a Newly Identified Cytosolic and Nuclear Lysine Methyltransferase involved in Breast Cancer Cell Proliferation. <i>Journal of Cancer Science &amp; Therapy</i> , <b>2013</b> , 5, 58-65 | 5    | 17  |
| 29 | Adenine induces differentiation of rat hepatic stellate cells. <i>Digestive Diseases and Sciences</i> , <b>2012</b> , 57, 2371-8   | 4    | 11  |
| 28 | Characterization and induction of cementoblast cell proliferation by bioactive glass nanoparticles. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2012</b> , 6, 813-21                                       | 4.4  | 34  |
| 27 | Endothelial differentiation of human stem cells seeded onto electrospun polyhydroxybutyrate/polyhydroxybutyrate-co-hydroxyvalerate fiber mesh. <i>PLoS ONE</i> , <b>2012</b> , 7, e35422   | 3.7  | 63  |
| 26 | Nucleoplasmic Calcium Buffering Sensitizes Human Squamous Cell Carcinoma to Anticancer Therapy. <i>Journal of Cancer Science &amp; Therapy</i> , <b>2012</b> , 04,   | 5    | 16  |
| 25 | Stem cells and calcium signaling. <i>Advances in Experimental Medicine and Biology</i> , <b>2012</b> , 740, 891-916  | 3.6  | 82  |
| 24 | Epidermal growth factor receptors destined for the nucleus are internalized via a clathrin-dependent pathway. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 412, 341-6                                | 3.4  | 42  |
| 23 | Immunization with rP22 induces protective immunity against <i>Schistosoma mansoni</i> : effects on granuloma down-modulation and cytokine production. <i>Immunology Letters</i> , <b>2011</b> , 141, 123-33                        | 4.1  | 14  |
| 22 | Inheritance of DNA transferred from American trypanosomes to human hosts. <i>PLoS ONE</i> , <b>2010</b> , 5, e91813  | 3.7  | 52  |
| 21 | Preserva  da prote a verde fluorescente no tecido  seo descalcificado. <i>Ciencia Rural</i> , <b>2010</b> , 40, 2146-2150  | 3    | 1   |
| 20 | Intra-bone marrow injection of mesenchymal stem cells improves the femur bone mass of osteoporotic female rats. <i>Connective Tissue Research</i> , <b>2010</b> , 51, 426-33   | 3.3  | 61  |
| 19 | Effect of radiation treatment on newly established human breast cancer cell lines MACL-1 and MGSO-3. <i>Tumor Biology</i> , <b>2010</b> , 31, 189-97   | 2.9  | 2   |
| 18 | Succinate modulates Ca(2+) transient and cardiomyocyte viability through PKA-dependent pathway. <i>Cell Calcium</i> , <b>2010</b> , 47, 37-46  | 4    | 51  |
| 17 | Cytosolic calcium regulates liver regeneration in the rat. <i>Hepatology</i> , <b>2010</b> , 52, 602-11  | 11.2 | 26  |
| 16 | Inflammasome-mediated regulation of hepatic stellate cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 296, G1248-57   | 5.1  | 166 |
| 15 | Intracellular calcium signals regulate growth of hepatic stellate cells via specific effects on cell cycle progression. <i>Cell Calcium</i> , <b>2009</b> , 45, 284-92   | 4    | 26  |
| 14 | Nuclear calcium signaling: a cell within a cell. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2009</b> , 42, 17-20   | 2.8  | 33  |

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| 13 | Nuclear Ca <sup>2+</sup> regulates cardiomyocyte function. <i>Cell Calcium</i> , <b>2008</b> , 44, 230-42  | 4    | 65  |
| 12 | c-Met must translocate to the nucleus to initiate calcium signals. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 4344-51   | 5.4  | 115 |
| 11 | Insulin induces calcium signals in the nucleus of rat hepatocytes. <i>Hepatology</i> , <b>2008</b> , 48, 1621-31   | 11.2 | 50  |
| 10 | Lipid rafts establish calcium waves in hepatocytes. <i>Gastroenterology</i> , <b>2007</b> , 133, 256-67  | 13.3 | 39  |
| 9  | Cyclic AMP regulates bicarbonate secretion in cholangiocytes through release of ATP into bile. <i>Gastroenterology</i> , <b>2007</b> , 133, 1592-602   | 13.3 | 111 |
| 8  | Apoptotic hepatocyte DNA inhibits hepatic stellate cell chemotaxis via toll-like receptor 9. <i>Hepatology</i> , <b>2007</b> , 46, 1509-18   | 11.2 | 186 |
| 7  | The spatial distribution of inositol 1,4,5-trisphosphate receptor isoforms shapes Ca <sup>2+</sup> waves. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 10057-10067                              | 5.4  | 38  |
| 6  | Hormonal regulation of nuclear permeability. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 4210-7  | 5.4  | 22  |
| 5  | Nucleoplasmic calcium is required for cell proliferation. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 17061-8  | 15.4 | 100 |
| 4  | Characterization of the tumor suppressor gene WWOX in primary human oral squamous cell carcinomas. <i>International Journal of Cancer</i> , <b>2006</b> , 118, 1154-8  | 7.5  | 34  |
| 3  | Calcium signaling in the nucleus. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2006</b> , 84, 325-32  | 2.4  | 35  |
| 2  | The type III inositol 1,4,5-trisphosphate receptor preferentially transmits apoptotic Ca <sup>2+</sup> signals into mitochondria. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 40892-900        | 5.4  | 215 |
| 1  | Dopamine release evoked by beta scorpion toxin, tityus gamma, in prefrontal cortical slices is mediated by intracellular calcium stores. <i>Cellular and Molecular Neurobiology</i> , <b>2004</b> , 24, 757-67 | 4.6  | 10  |