

# Vivaldo Moura-Neto

## List of Publications by Year in descending order

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147  
papers

6,079  
citations

50566

48  
h-index

100535

70  
g-index

150  
all docs

150  
docs citations

150  
times ranked

9106  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Neuroimmunomodulatory Properties of Flavonoids and Derivates: A Potential Action as Adjuvants for the Treatment of Glioblastoma. <i>Pharmaceutics</i> , 2022, 14, 116.  | 2.0 | 10        |
| 2  | Short-Term Functional and Morphological Changes in the Primary Cultures of Trigeminal Ganglion Cells. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1257-1272.   | 1.0 | 5         |
| 3  | Evaluation of miRNA Expression in Glioblastoma Stem-Like Cells: A Comparison between Normoxia and Hypoxia Microenvironment. <i>Onco</i> , 2022, 2, 113-128.   | 0.2 | 2         |
| 4  | Obstacles to Glioblastoma Treatment Two Decades after Temozolomide. <i>Cancers</i> , 2022, 14, 3203.  | 1.7 | 23        |
| 5  | S100B Inhibition Attenuates Intestinal Damage and Diarrhea Severity During <i>Clostridioides difficile</i> Infection by Modulating Inflammatory Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 739874.                 | 1.8 | 16        |
| 6  | Reverted effect of mesenchymal stem cells in glioblastoma treated with agathisflavone and its selective antitumoral effect on cell viability, migration, and differentiation via STAT3. <i>Journal of Cellular Physiology</i> , 2021, 236, 5022-5035. | 2.0 | 3         |
| 7  | The genotypic and phenotypic impact of hypoxia microenvironment on glioblastoma cell lines. <i>BMC Cancer</i> , 2021, 21, 1248.   | 1.1 | 14        |
| 8  | The flavonoid rutin and its aglycone quercetin modulate the microglia inflammatory profile improving antiangioma activity. <i>Brain, Behavior, and Immunity</i> , 2020, 85, 170-185.  | 2.0 | 65        |
| 9  | Osteoarthritic Synovial Fluid and TGF- $\beta$ 1 Induce Interleukin-18 in Articular Chondrocytes. <i>Cartilage</i> , 2020, 11, 385-394.   | 1.4 | 5         |
| 10 | Role of Sonic hedgehog signaling in cell cycle, oxidative stress, and autophagy of temozolomide resistant glioblastoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 3798-3814.   | 2.0 | 22        |
| 11 | ABC transporters and the hallmarks of cancer: roles in cancer aggressiveness beyond multidrug resistance. <i>Cancer Biology and Medicine</i> , 2020, 17, 253-269.   | 1.4 | 81        |
| 12 | Membrane Elastic Properties during Neural Precursor Cell Differentiation. <i>Cells</i> , 2020, 9, 1323.   | 1.8 | 8         |
| 13 | Neuromechanisms of SARS-CoV-2: A Review. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 37.   | 0.9 | 115       |
| 14 | GBM-Derived Wnt3a Induces M2-Like Phenotype in Microglial Cells Through Wnt/ $\beta$ -Catenin Signaling. <i>Molecular Neurobiology</i> , 2019, 56, 1517-1530.   | 1.9 | 44        |
| 15 | Guanosine and GMP increase the number of granular cerebellar neurons in culture: dependence on adenosine A2A and ionotropic glutamate receptors. <i>Purinergic Signalling</i> , 2019, 15, 439-450.  | 1.1 | 13        |
| 16 | Laminin and Environmental Cues Act in the Inhibition of the Neuronal Differentiation of Enteric Glia in vitro. <i>Frontiers in Neuroscience</i> , 2019, 13, 914.  | 1.4 | 10        |
| 17 | 5-Fluorouracil Induces Enteric Neuron Death and Glial Activation During Intestinal Mucositis via a S100B-RAGE-NF $\kappa$ B-Dependent Pathway. <i>Scientific Reports</i> , 2019, 9, 665.  | 1.6 | 58        |
| 18 | Evidence of Aquaporin 4 Regulation by Thyroid Hormone During Mouse Brain Development and in Cultured Human Glioblastoma Multiforme Cells. <i>Frontiers in Neuroscience</i> , 2019, 13, 317.   | 1.4 | 16        |

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|----|---|-----|-----------|
| 19 | MicroRNAs, Hypoxia and the Stem-Like State as Contributors to Cancer Aggressiveness. <i>Frontiers in Genetics</i> , 2019, 10, 125.  | 1.1 | 42        |
| 20 | Cellular and molecular mechanisms of glioblastoma malignancy: Implications in resistance and therapeutic strategies. <i>Seminars in Cancer Biology</i> , 2019, 58, 130-141.                     | 4.3 | 49        |
| 21 | Biodiversity: Brazil-France Bilateral Symposium. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20190867.   | 0.3 | 1         |
| 22 | Glioma infiltration and extracellular matrix: key players and modulators. <i>Glia</i> , 2018, 66, 1542-1565.  | 2.5 | 163       |
| 23 | Biomarkers in Spinal Cord Injury: from Prognosis to Treatment. <i>Molecular Neurobiology</i> , 2018, 55, 6436-6448.   | 1.9 | 59        |
| 24 | Conjugation with polyamines enhances the antitumor activity of naphthoquinones against human glioblastoma cells. <i>Anti-Cancer Drugs</i> , 2018, 29, 520-529.                                  | 0.7 | 9         |
| 25 | Microglia/Astrocytesâ€“Glioblastoma Crosstalk: Crucial Molecular Mechanisms and Microenvironmental Factors. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 235.                          | 1.8 | 119       |
| 26 | Nucleolin is expressed in patient-derived samples and glioblastoma cells, enabling improved intracellular drug delivery and cytotoxicity. <i>Experimental Cell Research</i> , 2018, 370, 68-77. | 1.2 | 24        |
| 27 | Dual treatment with shikonin and temozolomide reduces glioblastoma tumor growth, migration and glial-to-mesenchymal transition. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 247-261.       | 2.1 | 44        |
| 28 | The involvement of mast cells in the irinotecan-induced enteric neurons loss and reactive gliosis. <i>Journal of Neuroinflammation</i> , 2017, 14, 79.  | 3.1 | 29        |
| 29 | Microglia-glioblastoma interactions: New role for Wnt signaling. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1868, 333-340.   | 3.3 | 35        |
| 30 | Effects of cytoskeletal drugs on actin cortex elasticity. <i>Experimental Cell Research</i> , 2017, 351, 173-181.   | 1.2 | 30        |
| 31 | A driver role for GABA metabolism in controlling stem and proliferative cell state through GHB production in glioma. <i>Acta Neuropathologica</i> , 2017, 133, 645-660.                         | 3.9 | 53        |
| 32 | Glioblastoma entities express subtle differences in molecular composition and response to treatment. <i>Oncology Reports</i> , 2017, 38, 1341-1352.   | 1.2 | 24        |
| 33 | The Expression of Connexins and SOX2 Reflects the Plasticity of Glioma Stem-Like Cells. <i>Translational Oncology</i> , 2017, 10, 555-569.  | 1.7 | 21        |
| 34 | Metabolomics as a promising tool for early osteoarthritis diagnosis. <i>Brazilian Journal of Medical and Biological Research</i> , 2017, 50, e6485.   | 0.7 | 27        |
| 35 | miRNAs: Important Targets for Oral Cancer Pain Research. <i>BioMed Research International</i> , 2017, 2017, 1-8.  | 0.9 | 10        |
| 36 | The availability of the embryonic TGF- $\beta$ 2 protein Nodal is dynamically regulated during glioblastoma multiforme tumorigenesis. <i>Cancer Cell International</i> , 2016, 16, 46.          | 1.8 | 8         |

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|----|--|-----|-----------|
| 37 | The anti-hypertensive drug prazosin inhibits glioblastoma growth via the PKC-dependent inhibition of the AKT pathway. <i>EMBO Molecular Medicine</i> , 2016, 8, 511-526.   | 3.3 | 40        |
| 38 | Rheological properties of cells measured by optical tweezers. <i>BMC Biophysics</i> , 2016, 9, 5.  | 4.4 | 64        |
| 39 | Malnutrition increases NO production and induces changes in inflammatory and oxidative status in the distal colon of lactating rats. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1204-1216.  | 1.6 | 4         |
| 40 | Connective-Tissue Growth Factor (CTGF/CCN2) Induces Astrogenesis and Fibronectin Expression of Embryonic Neural Cells In Vitro. <i>PLoS ONE</i> , 2015, 10, e0133689.  | 1.1 | 30        |
| 41 | Tamoxifen in combination with temozolomide induce a synergistic inhibition of PKC-pan in GBM cell lines. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 722-732.  | 1.1 | 33        |
| 42 | The Enteric Glia: Identity and Functions. <i>Glia</i> , 2015, 63, 921-935.   | 2.5 | 86        |
| 43 | Flavonoids suppress human glioblastoma cell growth by inhibiting cell metabolism, migration, and by regulating extracellular matrix proteins and metalloproteinases expression. <i>Chemico-Biological Interactions</i> , 2015, 242, 123-138. | 1.7 | 68        |
| 44 | The Role of the Cytoskeleton in Cell Migration, Its Influence on Stem Cells and the Special Role of GFAP in Glial Functions. , 2015, , 87-117.   |     | 0         |
| 45 | S-Nitrosoglutathione Accelerates Recovery from 5-Fluorouracil-Induced Oral Mucositis. <i>PLoS ONE</i> , 2014, 9, e113378.  | 1.1 | 21        |
| 46 | The role of the blood-brain barrier in the development and treatment of migraine and other pain disorders. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 302.   | 1.8 | 65        |
| 47 | Gliomas and the vascular fragility of the blood brain barrier. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 418.   | 1.8 | 226       |
| 48 | The orthotopic xenotransplant of human glioblastoma successfully recapitulates glioblastoma-microenvironment interactions in a non-immunosuppressed mouse model. <i>BMC Cancer</i> , 2014, 14, 923.  | 1.1 | 31        |
| 49 | Glioblastomas and the Special Role of Adhesion Molecules in Their Invasion. , 2014, , 293-315.   |     | 1         |
| 50 | Glioblastoma cells inhibit astrocytic p53-expression favoring cancer malignancy. <i>Oncogenesis</i> , 2014, 3, e123-e123.  | 2.1 | 44        |
| 51 | Implications of Glioblastoma Stem Cells in Chemoresistance. , 2013, , 435-462.   |     | 0         |
| 52 | Retinoblastoma protein regulates the crosstalk between autophagy and apoptosis, and favors glioblastoma resistance to etoposide. <i>Cell Death and Disease</i> , 2013, 4, e767-e767.   | 2.7 | 52        |
| 53 | Connective Tissue Growth Factor (CTGF/CCN2) Is Negatively Regulated during Neuron-Glioblastoma Interaction. <i>PLoS ONE</i> , 2013, 8, e55605.   | 1.1 | 16        |
| 54 | Membrane Elastic Properties and Cell Function. <i>PLoS ONE</i> , 2013, 8, e67708.  | 1.1 | 120       |

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|----|---|-----|-----------|
| 55 | Equinatoxin II Potentiates Temozolomide- and Etoposide-Induced Glioblastoma Cell Death. Current Topics in Medicinal Chemistry, 2013, 12, 2082-2093.   | 1.0 | 1         |
| 56 | Equinatoxin II Potentiates Temozolomide- and Etoposide-Induced Glioblastoma Cell Death. Current Topics in Medicinal Chemistry, 2012, 12, 2082-2093.   | 1.0 | 22        |
| 57 | Neuroproteomics: an insight into ALS. Neurological Research, 2012, 34, 937-943.   | 0.6 | 18        |
| 58 | Microglial stress inducible protein 1 promotes proliferation and migration in human glioblastoma cells. Neuroscience, 2012, 200, 130-141.   | 1.1 | 76        |
| 59 | Glioblastoma: Therapeutic challenges, what lies ahead. Biochimica Et Biophysica Acta: Reviews on Cancer, 2012, 1826, 338-349.   | 3.3 | 92        |
| 60 | Neuron-glia signaling: Implications for astrocyte differentiation and synapse formation. Life Sciences, 2011, 89, 524-531.  | 2.0 | 39        |
| 61 | Glioblastoma cells: A heterogeneous and fatal tumor interacting with the parenchyma. Life Sciences, 2011, 89, 532-539.  | 2.0 | 100       |
| 62 | Flavonoids: Potential Wnt/beta-catenin signaling modulators in cancer. Life Sciences, 2011, 89, 545-554.  | 2.0 | 92        |
| 63 | Tenascin-C in the extracellular matrix promotes the selection of highly proliferative and tubulogenesis-defective endothelial cells. Experimental Cell Research, 2011, 317, 2073-2085.                    | 1.2 | 22        |
| 64 | Dynamic expression of synemin isoforms in mouse embryonic stem cells and neural derivatives. BMC Cell Biology, 2011, 12, 51.  | 3.0 | 14        |
| 65 | CD133, CD15/SSEA-1, CD34 or side populations do not resume tumor-initiating properties of long-term cultured cancer stem cells from human malignant glio-neuronal tumors. BMC Cancer, 2010, 10, 66.       | 1.1 | 87        |
| 66 | Homocysteine induces cytoskeletal remodeling and production of reactive oxygen species in cultured cortical astrocytes. Brain Research, 2010, 1355, 151-164.  | 1.1 | 53        |
| 67 | Peptide gomesin triggers cell death through L-type channel calcium influx, MAPK/ERK, PKC and PI3K signaling and generation of reactive oxygen species. Chemo-Biological Interactions, 2010, 186, 135-143. | 1.7 | 49        |
| 68 | The Origin of Microglia and the Development of the Brain. , 2010, , 171-189.  |     | 2         |
| 69 | Intermediate Filament Expression in Mouse Embryonic Stem Cells and Early Embryos. , 2010, , 59-72.  |     | 1         |
| 70 | Inhibition of MAPK/ERK, PKC and CaMKII signaling blocks cytolysin-induced human glioma cell death. Anticancer Research, 2010, 30, 1209-15.  | 0.5 | 24        |
| 71 | Effect of thyroid hormone T3 on Myosin-Va expression in the central nervous system. Brain Research, 2009, 1275, 1-9.  | 1.1 | 11        |
| 72 | On the Fate of Extracellular Hemoglobin and Heme in Brain. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1109-1120.  | 2.4 | 48        |

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|----|--|-----|-----------|
| 73 | Isoquercitrin isolated from Hyptis fasciculata reduces glioblastoma cell proliferation and changes $\beta^2$ -catenin cellular localization. <i>Anti-Cancer Drugs</i> , 2009, 20, 543-552.       | 0.7 | 81        |
| 74 | Structure and elastic properties of tunneling nanotubes. <i>European Biophysics Journal</i> , 2008, 37, 121-129.   | 1.2 | 58        |
| 75 | New highly fluorescent biolabels based on II <sup>VI</sup> semiconductor hybrid organic-inorganic nanostructures for bioimaging. <i>Applied Surface Science</i> , 2008, 255, 790-792.            | 3.1 | 9         |
| 76 | Colloidal semiconductor quantum dots: Potential tools for new diagnostic methods. <i>Applied Surface Science</i> , 2008, 255, 691-693.   | 3.1 | 7         |
| 77 | Glutamate activates GFAP gene promoter from cultured astrocytes through TGF $\beta$ <sup>1</sup> pathways. <i>Journal of Neurochemistry</i> , 2008, 106, 746-756.                                | 2.1 | 64        |
| 78 | Differences in the Expression Pattern of P-Glycoprotein and MRP1 in Low-Grade and High-Grade Gliomas. <i>Cancer Investigation</i> , 2008, 26, 883-889.   | 0.6 | 24        |
| 79 | Potential of anticancer-drug cytotoxicity by sea anemone pore-forming proteins in human glioblastoma cells. <i>Anti-Cancer Drugs</i> , 2008, 19, 517-525.  | 0.7 | 49        |
| 80 | Early and Late Pathogenic Events of Newborn Mice Encephalitis Experimentally Induced by Itacaiunas and Curion <sup>3</sup> polis Bracorhabdoviruses Infection. <i>PLoS ONE</i> , 2008, 3, e1733. | 1.1 | 5         |
| 81 | Dopamine Affects the Stability, Hydration, and Packing of Protofibrils and Fibrils of the Wild Type and Variants of $\alpha$ -Synuclein. <i>Biochemistry</i> , 2007, 46, 472-482.                | 1.2 | 48        |
| 82 | STI1 promotes glioma proliferation through MAPK and PI3K pathways. <i>Glia</i> , 2007, 55, 1690-1698.  | 2.5 | 83        |
| 83 | Guanine derivatives modulate extracellular matrix proteins organization and improve neuron-astrocyte co-culture. <i>Journal of Neuroscience Research</i> , 2007, 85, 1943-1951.                  | 1.3 | 21        |
| 84 | Sensitivity to microcystins: A comparative study in human cell lines with and without multidrug resistance phenotype. <i>Cell Biology International</i> , 2007, 31, 1359-1366.                   | 1.4 | 21        |
| 85 | Exposure of C6 glioma cells to Pb(II) increases the phosphorylation of p38MAPK and JNK1/2 but not of ERK1/2. <i>Archives of Toxicology</i> , 2007, 81, 407-414.                                  | 1.9 | 49        |
| 86 | Application of colloidal semiconductor quantum dots as fluorescent labels for diagnosis of brain glial cancer. , 2006, 6096, 249.  |     | 0         |
| 87 | Quantum dots as fluorescent bio-labels in cancer diagnostic. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 4001-4008.   | 0.8 | 12        |
| 88 | Interactive properties of human glioblastoma cells with brain neurons in culture and neuronal modulation of glial laminin organization. <i>Differentiation</i> , 2006, 74, 562-572.              | 1.0 | 57        |
| 89 | Different expression of synemin isoforms in glia and neurons during nervous system development. <i>Glia</i> , 2006, 54, 204-213.   | 2.5 | 35        |
| 90 | Determination of fluid viscosity and femto Newton forces of <i>Leishmania amazonensis</i> using optical tweezers. , 2005, , .  |     | 0         |

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|-----|---|-----|-----------|
| 91  | Determination of femto Newton forces and fluid viscosity using optical tweezers: application to <i>Leishmania amazonensis</i> . , 2005, , .   |     | 6         |
| 92  | Congenital hypothyroidism alters the phosphorylation of ERK1/2 and p38MAPK in the hippocampus of neonatal rats. <i>Developmental Brain Research</i> , 2005, 154, 141-145.   | 2.1 | 33        |
| 93  | Neuritogenesis and neuronal differentiation promoted by 2,4-dinitrophenol, a novel anti-amyloidogenic compound. <i>FASEB Journal</i> , 2005, 19, 1627-1636.   | 0.2 | 42        |
| 94  | <i>Toxoplasma gondii</i> Prevents Neuron Degeneration by Interferon- $\beta$ -Activated Microglia in a Mechanism Involving Inhibition of Inducible Nitric Oxide Synthase and Transforming Growth Factor- $\beta$ 1 Production by Infected Microglia. <i>American Journal of Pathology</i> , 2005, 167, 1021-1031. | 1.9 | 68        |
| 95  | Sialic acid residues on astrocytes regulate neuritogenesis by controlling the assembly of laminin matrices. <i>Journal of Cell Science</i> , 2004, 117, 4067-4076.  | 1.2 | 24        |
| 96  | Glial fibrillary acidic protein gene promoter is differently modulated by transforming growth factor-beta 1 in astrocytes from distinct brain regions. <i>European Journal of Neuroscience</i> , 2004, 19, 1721-1730.   | 1.2 | 56        |
| 97  | Cortical radial glial cells in human fetuses: Depth-correlated transformation into astrocytes. <i>Journal of Neurobiology</i> , 2003, 55, 288-298.  | 3.7 | 144       |
| 98  | Synemin expression in developing normal and pathological human retina and lens. <i>Experimental Neurology</i> , 2003, 183, 499-507.   | 2.0 | 26        |
| 99  | Soluble Factors Released by <i>Toxoplasma gondii</i> -Infected Astrocytes Down-Modulate Nitric Oxide Production by Gamma Interferon-Activated Microglia and Prevent Neuronal Degeneration. <i>Infection and Immunity</i> , 2003, 71, 2047-2057.   | 1.0 | 73        |
| 100 | Sulfated proteoglycans as modulators of neuronal migration and axonal decussation in the developing midbrain. <i>Brazilian Journal of Medical and Biological Research</i> , 2003, 36, 993-1002.   | 0.7 | 6         |
| 101 | Structure of laminin substrate modulates cellular signaling for neuritogenesis. <i>Journal of Cell Science</i> , 2002, 115, 4867-4876.  | 1.2 | 77        |
| 102 | Differences in the activation of the GFAP gene promoter by prion and viral infections. <i>Molecular Brain Research</i> , 2002, 109, 119-127.  | 2.5 | 11        |
| 103 | Modulators of axonal growth and guidance at the brain midline with special reference to glial heparan sulfate proteoglycans. <i>Anais Da Academia Brasileira De Ciencias</i> , 2002, 74, 691-716.   | 0.3 | 10        |
| 104 | Neurite outgrowth is impaired on HSP70-positive astrocytes through a mechanism that requires NF- $\kappa$ B activation. <i>Brain Research</i> , 2002, 958, 359-370.   | 1.1 | 21        |
| 105 | Neuro-glia interaction effects on GFAP gene: a novel role for transforming growth factor- $\beta$ 1. <i>European Journal of Neuroscience</i> , 2002, 16, 2059-2069.   | 1.2 | 101       |
| 106 | Thyroid hormone actions on neural cells. <i>Cellular and Molecular Neurobiology</i> , 2002, 22, 517-544.  | 1.7 | 72        |
| 107 | New insights into the role of thyroid hormone in the CNS: the microglial track. <i>Molecular Psychiatry</i> , 2002, 7, 7-8.   | 4.1 | 12        |
| 108 | Involvement of histone H4 gene transcription factor 1 in downregulation of vimentin gene expression during skeletal muscle differentiation. <i>FEBS Letters</i> , 2001, 491, 30-34.   | 1.3 | 11        |

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| 109 | Cross-talk between neurons and glia: highlights on soluble factors. Brazilian Journal of Medical and Biological Research, 2001, 34, 611-620.   | 0.7 | 71        |
| 110 | Regulation of Microglial Development: A Novel Role for Thyroid Hormone. Journal of Neuroscience, 2001, 21, 2028-2038.  | 1.7 | 116       |
| 111 | Astroglial cells derived from lateral and medial midbrain sectors differ in their synthesis and secretion of sulfated glycosaminoglycans. Brazilian Journal of Medical and Biological Research, 2001, 34, 251-258. | 0.7 | 7         |
| 112 | Inhibition of Alzheimer's disease $\beta$ -amyloid aggregation, neurotoxicity, and in vivo deposition by nirophenols: implications for Alzheimer's therapy. FASEB Journal, 2001, 15, 1297-1299.                    | 0.2 | 117       |
| 113 | Gap Junction-Mediated Coupling in the Postnatal Anterior Subventricular Zone. Developmental Neuroscience, 2000, 22, 34-43.   | 1.0 | 25        |
| 114 | Contribution of heparan sulfate to the non-permissive role of the midline glia to the growth of midbrain neurites. , 2000, 29, 260-272.  |     | 40        |
| 115 | Patterns of synthesis and secretion of sulfated glycosaminoglycans in primary cortical and cerebellar astrocytes in vitro. Biology of the Cell, 2000, 92, 421-427.   | 0.7 | 7         |
| 116 | The cytoskeleton of the electric tissue of <i>Electrophorus electricus</i> , L.. Anais Da Academia Brasileira De Ciencias, 2000, 72, 341-351.  | 0.3 | 11        |
| 117 | Vanadate Is Toxic to Adherent- Growing Multidrug-Resistant Cells. Tumor Biology, 2000, 21, 54-62.  | 0.8 | 22        |
| 118 | Glial cells with differential neurite growth-modulating properties probed by atomic force microscopy. Neuroscience Research, 2000, 38, 217-220.  | 1.0 | 15        |
| 119 | Regulatory roles of microtubule-associated proteins in neuronal morphogenesis. Involvement of the extracellular matrix. Brazilian Journal of Medical and Biological Research, 1999, 32, 611-618.                   | 0.7 | 15        |
| 120 | Gap-junctional coupling between neurons and astrocytes in primary central nervous system cultures. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7541-7546.           | 3.3 | 158       |
| 121 | Cerebellar astrocytes treated by thyroid hormone modulate neuronal proliferation. Glia, 1999, 25, 247-255.   | 2.5 | 86        |
| 122 | Neurons induce GFAP gene promoter of cultured astrocytes from transgenic mice. , 1999, 26, 97-108.   |     | 70        |
| 123 | Effects of Jarastatin, a Novel Snake Venom Disintegrin, on Neutrophil Migration and Actin Cytoskeleton Dynamics. Experimental Cell Research, 1999, 251, 379-387.   | 1.2 | 52        |
| 124 | Glial fibrillary acidic protein (GFAP): modulation by growth factors and its implication in astrocyte differentiation. Brazilian Journal of Medical and Biological Research, 1999, 32, 619-631.                    | 0.7 | 165       |
| 125 | Thyroid hormone acting on astrocytes in culture. In Vitro Cellular and Developmental Biology - Animal, 1998, 34, 280-282.  | 0.7 | 25        |
| 126 | Differences in the isodesmin pattern between the electric organs of <i>Electrophorus electricus</i> L.. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 119, 715-719.        | 0.7 | 4         |



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|-----|---|------|-----------|
| 127 | Thyroid hormone action on astroglial cells from distinct brain regions during development. <i>International Journal of Developmental Neuroscience</i> , 1998, 16, 19-27.  | 0.7  | 39        |
| 128 | Thyroid hormone induces protein secretion and morphological changes in astroglial cells with an increase in expression of glial fibrillary acidic protein. <i>Journal of Endocrinology</i> , 1997, 154, 167-175.                      | 1.2  | 66        |
| 129 | Desmin and Actin Filaments in Membrane-Cytoskeletal Preparations of the Electric Tissue of <i>Electrophorus electricus</i> , L. <i>Archives of Histology and Cytology</i> , 1997, 60, 445-452.  | 0.2  | 3         |
| 130 | Complementary hydrophathy identifies a cellular prion protein receptor. <i>Nature Medicine</i> , 1997, 3, 1376-1382.  | 15.2 | 173       |
| 131 | Glial fibrillary acidic protein expression in a new human glioma cell line in culture before and after xenogenic transplantation into nude mice. <i>Acta Neuropathologica</i> , 1997, 94, 376-384.                                    | 3.9  | 7         |
| 132 | A 28-bp negative element with multiple factor-binding activity controls expression of the vimentin-encoding gene. <i>Gene</i> , 1996, 168, 261-266.   | 1.0  | 28        |
| 133 | Desmin filaments in the electrocytes of the electric organ of the electric eel <i>Electrophorus electricus</i> . <i>Cell and Tissue Research</i> , 1996, 285, 387-393.  | 1.5  | 5         |
| 134 | Compartmental distribution of sulfated glycosaminoglycans in lateral and medial midbrain astroglial cultures. , 1996, 17, 339-344.  |      | 28        |
| 135 | Intermediate filament proteins in TPA-treated skeletal muscle cells in culture. <i>Journal of Muscle Research and Cell Motility</i> , 1996, 17, 199-206.  | 0.9  | 29        |
| 136 | Differential patterns of laminin expression in lateral and medial midbrain glia. <i>NeuroReport</i> , 1995, 6, 761-764.   | 0.6  | 31        |
| 137 | T3 affects cerebellar astrocyte proliferation, GFAP and fibronectin organization. <i>NeuroReport</i> , 1995, 6, 293-296.  | 0.6  | 50        |
| 138 | Regionally specific properties of midbrain glia: I. Interactions with midbrain neurons. <i>Journal of Neuroscience Research</i> , 1995, 40, 471-477.  | 1.3  | 80        |
| 139 | Microheterogeneity of desmin in the electric organ and dorsal muscle of the electric eel <i>Electrophorus electricus</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1995, 111, 345-350.             | 0.7  | 7         |
| 140 | Rearrangement of intermediate filament network of BHK-21 cells infected with vaccinia virus. <i>Archives of Virology</i> , 1994, 138, 273-285.  | 0.9  | 35        |
| 141 | Heterogeneity of purified actin in the electric organ of the electric eel <i>Electrophorus electricus</i> . <i>The Journal of Experimental Zoology</i> , 1991, 257, 43-50.  | 1.4  | 9         |
| 142 | Desmin heterogeneity in the main electric organ of <i>Electrophorus electricus</i> . <i>Biochimie</i> , 1988, 70, 783-789.  | 1.3  | 13        |
| 143 | Regulation of the trehalose-6-phosphate synthase complex in <i>Saccharomyces</i> . <i>Current Genetics</i> , 1987, 11, 459-465.   | 0.8  | 74        |
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