# Rafael Linden

List of Publications by Year
in descending order



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|---|---|---|---|
| 157 papers | 16,533 citations | 61984 43 h-index | 15732 125 g-index |
| 163 all docs | 163 docs citations | 163 times ranked | 26533 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544. | 9.1 | 3,122 |
| 3 | Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 | 9.1 | 1,430 |
| 4 | Physiology of the Prion Protein. Physiological Reviews, 2008, 88, 673-728. | 28.8 | 523 |
| 5 | Postnatal changes in retinal ganglion cell and optic axon populations in the pigmented rat. Journal of Comparative Neurology, 1983, 219, 356-368. | 1.6 | 422 |
| 6 | Stress-inducible protein 1 is a cell surface ligand for cellular prion that triggers neuroprotection. EMBO Journal, 2002, 21, 3307-3316. | 7.8 | 374 |
| 7 | Evidence for dendritic competition in the developing retina. Nature, 1982, 297, 683-685. | 27.8 | 342 |
| 8 | Cellular prion protein transduces neuroprotective signals. EMBO Journal, 2002, 21, 3317-3326. | 7.8 | 320 |
| 9 | Massive retinotectal projection in rats. Brain Research, 1983, 272, 145-149. | 2.2 | 298 |
| 10 | Programmed cell deaths. Apoptosis and alternative deathstyles. FEBS Journal, 2004, 271, 1638-1650. | 0.2 | 250 |
| 11 | Interaction of Cellular Prion and Stress-Inducible Protein 1 Promotes Neuritogenesis and Neuroprotection by Distinct Signaling Pathways. Journal of Neuroscience, 2005, 25, 11330-11339. | 3.6 | 239 |
| 12 | The survival of developing neurons: A review of afferent control. Neuroscience, 1994, 58, 671-682. | 2.3 | 175 |
| 13 | Antifungal Pisum sativum Defensin 1 Interacts with Neurospora crassa Cyclin F Related to the Cell Cycle. Biochemistry, 2007, 46, 987-996. | 2.5 | 153 |
| 14 | Apoptosis in developing retinal tissue. Progress in Retinal and Eye Research, 1999, 18, 133-165. | 15.5 | 152 |
| 15 | Ganglion cell death within the developing retina: A regulatory role for retinal dendrites?. Neuroscience, 1982, 7, 2813-2827. | 2.3 | 134 |
| 16 | Cellular prion protein: on the road for functions. FEBS Letters, 2002, 512, 25-28. | 2.8 | 123 |
| 17 | DNA damage-induced cell death: lessons from the central nervous system. Cell Research, 2008, 18, 17-26. | 12.0 | 123 |
| 18 | Gap Junctions Mediate Bystander Cell Death in Developing Retina. Journal of Neuroscience, 2003, 23, 6413-6422. | 3.6 | 116 |

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| 19 | Metabotropic glutamate receptors transduce signals for neurite outgrowth after binding of the prion protein to laminili Î³1 chain. FASEB Journal, 2011, 25, 265-279. | 0.5 | 109 |
| 20 | FAS Ligand Triggers Pulmonary Silicosis. Journal of Experimental Medicine, 2001, 194, 155-164. | 8.5 | 106 |
| 21 | The Biological Function of the Prion Protein: A Cell Surface Scaffold of Signaling Modules. Frontiers in Molecular Neuroscience, 2017, 10, 77. | 2.9 | 105 |
| 22 | The cellular prion protein modulates phagocytosis and inflammatory response. Journal of Leukocyte Biology, 2004, 77, 238-246. | 3.3 | 99 |
| 23 | PrP<sup>c</sup> on the road: trafficking of the cellular prion protein. Journal of Neurochemistry, 2004, 88, 769-781. | 3.9 | 88 |
| 24 | Endocytosis of Prion Protein Is Required for ERK1/2 Signaling Induced by Stress-Inducible Protein 1. Journal of Neuroscience, 2008, 28, 6691-6702. | 3.6 | 86 |
| 25 | STI1 promotes glioma proliferation through MAPK and PI3K pathways. Glia, 2007, 55, 1690-1698. | 4.9 | 83 |
| 26 | Prion protein: orchestrating neurotrophic activities. Current Issues in Molecular Biology, 2010, 12, 63-86. | 2.4 | 81 |
| 27 | Structure of laminin substrate modulates cellular signaling for neuritogenesis. Journal of Cell Science, 2002, 115, 4867-4876. | 2.0 | 77 |
| 28 | Trophic Factors Produced by Retinal Cells Increase the Survival of Retinal Ganglion CellsIn Vitro. European Journal of Neuroscience, 1993, 5, 1181-1188. | 2.6 | 67 |
| 29 | Alternative Programs of Cell Death in Developing Retinal Tissue. Journal of Biological Chemistry, 2003, 278, 41938-41946. | 3.4 | 66 |
| 30 | Apoptosis Underlies Immunopathogenic Mechanisms in Acute Silicosis. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 78-84. | 2.9 | 64 |
| 31 | Advances in gene therapy technologies to treat retinitis pigmentosa. Clinical Ophthalmology, 2014, 8, 127. | 1.8 | 62 |
| 32 | Pituitary Adenylyl Cyclase-activating Polypeptide Prevents Induced Cell Death in Retinal Tissue through Activation of Cyclic AMP-dependent Protein Kinase. Journal of Biological Chemistry, 2002, 277, 16075-16080. | 3.4 | 60 |
| 33 | Radiation-induced apoptosis in developing mouse retina exhibits dose-dependent requirement for ATM phosphorylation of p53. Cell Death and Differentiation, 2004, 11, 494-502. | 11.2 | 59 |
| 34 | BDNF and NT-4 differentially modulate neurite outgrowth in developing retinal ganglion cells. Journal of Neuroscience Research, 1999, 57, 759-769. | 2.9 | 58 |
| 35 | Activation of NMDA receptors protects against glutamate neurotoxicity in the retina: evidence for the involvement of neurotrophins. Brain Research, 1999, 827, 79-92. | 2.2 | 53 |
| 36 | Allosteric function and dysfunction of the prion protein. Cellular and Molecular Life Sciences, 2012, 69, 1105-1124. | 5.4 | 53 |

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| 37 | Retrograde and anterograde-transneuronal degeneration in the parabigeminal nucleus following tectal lesions in developing rats. Journal of Comparative Neurology, 1983, 218, 270-281. | 1.6 | 52 |
| 38 | The unconventional secretion of stress-inducible protein 1 by a heterogeneous population of extracellular vesicles. Cellular and Molecular Life Sciences, 2013, 70, 3211-3227. | 5.4 | 52 |
| 39 | Towards cellular receptors for prions. Reviews in Medical Virology, 2003, 13, 399-408. | 8.3 | 51 |
| 40 | Evidence for differential effects of terminal and dendritic competition upon developmental neuronal death in the retina. Neuroscience, 1985, 15, 853-868. | 2.3 | 49 |
| 41 | Control of programmed cell death by neurotransmitters and neuropeptides in the developing mammalian retina. Progress in Retinal and Eye Research, 2005, 24, 457-491. | 15.5 | 46 |
| 42 | Phagocytosis of apoptotic cells: a matter of balance. Cellular and Molecular Life Sciences, 2005, 62, 1532-1546. | 5.4 | 46 |
| 43 | Hydrogen peroxide induces caspase activation and programmed cell death in the amitochondrial Tritrichomonas foetus. Histochemistry and Cell Biology, 2003, 120, 129-141. | 1.7 | 45 |
| 44 | A conserved domain of the gp85/trans-sialidase family activates host cell extracellular signal-regulated kinase and facilitates Trypanosoma cruzi infection. Experimental Cell Research, 2007, 313, 210-218. | 2.6 | 45 |
| 45 | ATP controls cell cycle and induces proliferation in the mouse developing retina. International Journal of Developmental Neuroscience, 2010, 28, 63-73. | 1.6 | 45 |
| 46 | Evidence for an Antiapoptotic Role of Dopamine in Developing Retinal Tissue. Journal of Neurochemistry, 2002, 73, 485-492. | 3.9 | 43 |
| 47 | Neuritogenesis and neuronal differentiation promoted by 2,4â€dinitrophenol, a novel antiâ€amyloidogenic compound. FASEB Journal, 2005, 19, 1627-1636. | 0.5 | 42 |
| 48 | Ras pathway activation in gliomas: a strategic target for intranasal administration of perillyl alcohol. Archivum Immunologiae Et Therapiae Experimentalis, 2008, 56, 267-276. | 2.3 | 42 |
| 49 | Dual control by targets and afferents of developmental neuronal death in the mammalian central nervous system: A study in the parabigeminal nucleus of the rat. Journal of Comparative Neurology, 1987, 266, 141-149. | 1.6 | 41 |
| 50 | Glial-derived neurotrophic factor (GDNF) prevents ethanol (EtOH) induced B92 glial cell death by both PI3K/AKT and MEK/ERK signaling pathways. Brain Research Bulletin, 2006, 71, 116-126. | 3.0 | 39 |
| 51 | Rapid and long-term plasticity in the neonatal and adult retinotectal pathways following a retinal lesion. Brain Research Bulletin, 2005, 66, 128-134. | 3.0 | 38 |
| 52 | Displaced ganglion cells in the retina of the rat. Journal of Comparative Neurology, 1987, 258, 138-143. | 1.6 | 35 |
| 53 | Selective sensitivity of early postmitotic retinal cells to apoptosis induced by inhibition of protein synthesis. European Journal of Neuroscience, 1999, 11, 4349-4356. | 2.6 | 34 |
| 54 | Glutamate regulates retinal progenitors cells proliferation during development. European Journal of Neuroscience, 2006, 24, 969-980. | 2.6 | 34 |

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| 55 | Evidence that the bifunctional redox factor / AP endonuclease Ref-1 is an anti-apoptotic protein associated with differentiation in the developing retina. Cell Death and Differentiation, 2000, 7, 272-281. | 11.2 | 32 |
| 56 | Activation of p38 mitogen-activated protein kinase during normal mitosis in the developing retina. Neuroscience, 2002, 112, 583-591. | 2.3 | 32 |
| 57 | Cell death in the inner nuclear layer of the retina is modulated by BDNF. Developmental Brain Research, 2002, 139, 325-330. | 1.7 | 32 |
| 58 | Receptive field properties of single units in the opossum striate cortex. Brain Research, 1976, 104, 197-219. | 2.2 | 31 |
| 59 | Displaced amacrine cells in the ganglion cell layer of the hamster retina. Vision Research, 1987, 27, 1071-1076. | 1.4 | 31 |
| 60 | Pituitary adenylyl cyclaseâ€activating polypeptide controls the proliferation of retinal progenitor cells through downregulation of cyclin D1. European Journal of Neuroscience, 2010, 32, 311-321. | 2.6 | 31 |
| 61 | Neuroprotection from optic nerve injury and modulation of oxidative metabolism by transplantation of active mitochondria to the retina. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165686. | 3.8 | 31 |
| 62 | Sympathetic neuronal survival induced by retinal trophic factors. Journal of Neurobiology, 2002, 50, 13-23. | 3.6 | 30 |
| 63 | Paracrine Interaction between Bone Marrow-derived Stem Cells and Renal Epithelial Cells. Cellular Physiology and Biochemistry, 2011, 28, 267-278. | 1.6 | 30 |
| 64 | The anti-death league: associative control of apoptosis in developing retinal tissue. Brain Research Reviews, 2000, 32, 146-158. | 9.0 | 29 |
| 65 | Evidence of MÃ¼ller Glia Conversion Into Retina Ganglion Cells Using Neurogenin2. Frontiers in Cellular Neuroscience, 2018, 12, 410. | 3.7 | 29 |
| 66 | Prion Protein: Orchestrating Neurotrophic Activities. Current Issues in Molecular Biology, 2010, , . | 2.4 | 29 |
| 67 | Mononuclear phagocytes in the retina of developing rats. Histochemistry, 1986, 85, 335-339. | 1.9 | 27 |
| 68 | Development of abnormal lamination and binocular segregation in the retinotectal pathways of the rat. Developmental Brain Research, 1994, 82, 35-44. | 1.7 | 26 |
| 69 | The pretectal complex in the opossum: projections from the striate cortex and correlation with retinal terminal fields. Brain Research, 1981, 207, 267-277. | 2.2 | 25 |
| 70 | Transient populations of presumptive macrophages in the brain of the developing hamster, as indicated by endocytosis of blood-borne horseradish peroxidase. Neuroscience, 1985, 15, 1203-1215. | 2.3 | 25 |
| 71 | Afferent control of neuron numbers in the developing brain. Developmental Brain Research, 1988, 44, 291-295. | 1.7 | 24 |
| 72 | Developmentally regulated release of intraretinal neurotrophic factorsin vitro. International Journal of Developmental Neuroscience, 1997, 15, 239-255. | 1.6 | 24 |

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| 73 | Changing sensitivity to cell death during development of retinal photoreceptors. Journal of Neuroscience Research, 2003, 74, 875-883. | 2.9 | 24 |
| 74 | Neuroimmunoendocrine Regulation of the Prion Protein in Neutrophils. Journal of Biological Chemistry, 2012, 287, 35506-35515. | 3.4 | 23 |
| 75 | Dendritic competition in the developing retina: Ganglion cell density gradients and laterally displaced dendrites. Visual Neuroscience, 1993, 10, 313-324. | 1.0 | 22 |
| 76 | Prion Protein Modulates Monoaminergic Systems and Depressive-like Behavior in Mice. Journal of Biological Chemistry, 2015, 290, 20488-20498. | 3.4 | 22 |
| 77 | Protein kinases selectively modulate apoptosis in the developing retina in vitro. Neurochemistry International, 1997, 31, 217-227. | 3.8 | 21 |
| 78 | Major glycosaminoglycan species in the developing retina: synthesis, tissue distribution and effects upon cell death. Experimental Eye Research, 2003, 77, 157-165. | 2.6 | 21 |
| 79 | NMDA receptor activation modulates programmed cell death during early post-natal retinal development: a BDNF-dependent mechanism. Journal of Neurochemistry, 2005, 95, 244-253. | 3.9 | 21 |
| 80 | Apoptotic effect of fludarabine is independent of expression of IAPs in B-cell chronic lymphocytic leukemia. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 277-285. | 4.9 | 21 |
| 81 | Signaling induced by hop/STI-1 depends on endocytosis. Biochemical and Biophysical Research Communications, 2007, 358, 620-625. | 2.1 | 21 |
| 82 | Hop/STI1 modulates retinal proliferation and cell death independent of PrPC. Biochemical and Biophysical Research Communications, 2007, 361, 474-480. | 2.1 | 21 |
| 83 | A role for CK2 upon interkinetic nuclear migration in the cell cycle of retinal progenitor cells. Developmental Neurobiology, 2008, 68, 620-631. | 3.0 | 21 |
| 84 | Advances in Recombinant Adeno-Associated Viral Vectors for Gene Delivery. Current Gene Therapy, 2013, 13, 335-345. | 2.0 | 21 |
| 85 | Interleukin-4 blocks proliferation of retinal progenitor cells and increases rod photoreceptor differentiation through distinct signaling pathways. Journal of Neuroimmunology, 2008, 196, 82-93. | 2.3 | 20 |
| 86 | Reciprocal remodeling upon binding of the prion protein to its signaling partner hop/STIl. FASEB Journal, 2009, 23, 4308-4316. | 0.5 | 19 |
| 87 | Increased p53 and decreased p21 accompany apoptosis induced by ultraviolet radiation in the nervous system of a crustacean. Aquatic Toxicology, 2016, 173, 1-8. | 4.0 | 19 |
| 88 | De novo genesis of retinal ganglion cells by targeted expression of Klf4 in vivo. Development (Cambridge), 2019, 146, . | 2.5 | 18 |
| 89 | Biosynthesis and metabolism of sulfated glycosaminoglycans during Drosophila melanogaster development. Glycobiology, 2004, 14, 529-536. | 2.5 | 17 |
| 90 | rAAV8-733-Mediated Gene Transfer of CHIP/Stub-1 Prevents Hippocampal Neuronal Death in Experimental Brain Ischemia. Molecular Therapy, 2017, 25, 392-400. | 8.2 | 17 |

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| 91 | Neuroprotection by cAMP. Advances in Experimental Medicine and Biology, 2006, 557, 164-176. | 1.6 | 17 |
| 92 | Observations on postnatal neurogenesis in the superior colliculus and the pretectum in the opossum. Developmental Brain Research, 1984, 13, 241-249. | 1.7 | 16 |
| 93 | Cell death and interocular interactions among retinofugal axons: lack of binocularly matched specificity. Developmental Brain Research, 1990, 56, 198-204. | 1.7 | 16 |
| 94 | Paracrine neuroprotective effect of nitric oxide in the developing retina. Journal of Neurochemistry, 2001, 76, 1233-1241. | 3.9 | 16 |
| 95 | Protein kinases JAK and ERK mediate protective effect of interleukin-2 upon ganglion cells of the developing rat retina. Journal of Neuroimmunology, 2011, 233, 120-126. | 2.3 | 16 |
| 96 | Receptive fields in the visual cortex of the opossum. Brain Research, 1973, 63, 362-367. | 2.2 | 15 |
| 97 | Pleiotropic Functions of Pituitary Adenylyl Cyclase-Activating Polypeptide on Retinal Ontogenesis: Involvement of KLF4 in the Control of Progenitor Cell Proliferation. Journal of Molecular Neuroscience, 2014, 54, 430-442. | 2.3 | 15 |
| 98 | CHIP, a carboxy terminus HSP-70 interacting protein, prevents cell death induced by endoplasmic reticulum stress in the central nervous system. Frontiers in Cellular Neuroscience, 2015, 8, 438. | 3.7 | 15 |
| 99 | Mitotherapy: Unraveling a Promising Treatment for Disorders of the Central Nervous System and Other Systemic Conditions. Cells, 2021, 10, 1827. | 4.1 | 15 |
| 100 | Selective involvement of the PI3K/PKB/bad pathway in retinal cell death. Journal of Neurobiology, 2003, 56, 171-177. | 3.6 | 14 |
| 101 | A roadmap for investigating the role of the prion protein in depression associated with neurodegenerative disease. Prion, 2016, 10, 131-142. | 1.8 | 14 |
| 102 | Retina transduction by rAAV2 after intravitreal injection: comparison between mouse and rat. Gene Therapy, 2019, 26, 479-490. | 4.5 | 14 |
| 103 | Platelet Activating Factor Blocks Interkinetic Nuclear Migration in Retinal Progenitors through an Arrest of the Cell Cycle at the S/G2 Transition. PLoS ONE, 2011, 6, e16058. | 2.5 | 14 |
| 104 | Interleukinâ€4 blocks thapsigarginâ€induced cell death in rat rod photoreceptors: Involvement of cAMP/PKA pathway. Journal of Neuroscience Research, 2009, 87, 2167-2174. | 2.9 | 13 |
| 105 | Caspase dependence of the death of neonatal retinal ganglion cells induced by axon damage and induction of autophagy as a survival mechanism. Brazilian Journal of Medical and Biological Research, 2010, 43, 950-956. | 1.5 | 13 |
| 106 | Early nuclear exclusion of the transcription factor max is associated with retinal ganglion cell death independent of caspase activity. Journal of Cellular Physiology, 2004, 198, 179-187. | 4.1 | 12 |
| 107 | Antioxidant activity stimulated by ultraviolet radiation in the nervous system of a crustacean. Aquatic Toxicology, 2015, 160, 151-162. | 4.0 | 12 |
| 108 | Rapid plasticity of intact axons following a lesion to the visual pathways during early brain development is triggered by microglial activation. Experimental Neurology, 2019, 311, 148-161. | 4.1 | 11 |

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| 109 | Neuroprotective Gene Therapy by Overexpression of the Transcription Factor MAX in Rat Models of Glaucomatous Neurodegeneration. , 2022, 63, 5. | | 11 |
| 110 | Evidence that the relative densities of afferents from both eyes control laminar distribution and binocular segregation of retinotectal projections in rats. Developmental Brain Research, 1991, 60, 9-17. | 1.7 | 10 |
| 111 | Differentiation-dependent sensitivity to cell death induced in the developing retina by inhibitors of the ubiquitin-proteasome proteolytic pathway. European Journal of Neuroscience, 2001, 13, 1938-1944. | 2.6 | 10 |
| 112 | Activation and function of murine primary microglia in the absence of the prion protein. Journal of Neuroimmunology, 2015, 286, 25-32. | 2.3 | 10 |
| 113 | Activation of c-Jun N-Terminal Kinase (JNK) during Mitosis in Retinal Progenitor Cells. PLoS ONE, 2012, 7, e34483. | 2.5 | 10 |
| 114 | Effects of prenatal ionizing irradiation on the development of the ganglion cell layer of the mouse retina. International Journal of Developmental Neuroscience, 2001, 19, 469-473. | 1.6 | 9 |
| 115 | Differential effects of cyclin-dependent kinase blockers upon cell death in the developing retina. Brain Research, 2002, 947, 78-83. | 2.2 | 9 |
| 116 | Terapia gÃªnica: o que Ã©, o que nÃ£o Ã© e o que serÃ¡. Estudos Avancados, 2010, 24, 31-69. | 0.5 | 9 |
| 117 | Evidence for a role of calcineurin in the development of retinocollicular fine topography. Neuroscience Letters, 2011, 487, 47-52. | 2.1 | 9 |
| 118 | Laminin modulates neuritogenesis of developing rat retinal ganglion cells through a protein kinase C-dependent pathway. , 2000, 60, 291-301. | | 8 |
| 119 | Tissue Biology of Apoptosis: Refâ€1 and Cell Differentiation in the Developing Retina. Annals of the New York Academy of Sciences, 2000, 926, 64-78. | 3.8 | 8 |
| 120 | Requirement of p38 stress-activated MAP kinase for cell death in the developing retina depends on the stage of cell differentiation. Neurochemistry International, 2006, 49, 494-499. | 3.8 | 7 |
| 121 | Neuritogenesis of retinal ganglion cells is differentially promoted by target extract. Brain Research, 1993, 632, 303-307. | 2.2 | 6 |
| 122 | Early c-Jun N-terminal kinase-dependent phosphorylation of activating transcription factor-2 is associated with degeneration of retinal ganglion cells. Neuroscience, 2011, 180, 64-74. | 2.3 | 6 |
| 123 | The prion protein selectively binds to and modulates the content of purinergic receptor P2X4R. Biochemical and Biophysical Research Communications, 2016, 472, 293-298. | 2.1 | 6 |
| 124 | Control of neuronal survival by anomalous targets in the developing brain. Journal of Comparative Neurology, 1990, 294, 594-606. | 1.6 | 5 |
| 125 | Chloramphenicol induces apoptosis in the developing brain. Neuropharmacology, 2000, 39, 1673-1679. | 4.1 | 5 |
| 126 | Cytoplasmic c-Jun N-terminal immunoreactivity: a hallmark of retinal apoptosis. Cellular and Molecular Neurobiology, 2002, 22, 711-726. | 3.3 | 5 |

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| 127 | Development of a Ligand Blot Assay Using Biotinylated Live Cells. Journal of Biomolecular Screening, 2007, 12, 1006-1010. | 2.6 | 5 |
| 128 | Does the use of recombinant AAV2 in pulmonary gene therapy damage lung function?. Respiratory Physiology and Neurobiology, 2008, 160, 91-98. | 1.6 | 5 |
| 129 | A snapshot of gene therapy in Latin America. Genetics and Molecular Biology, 2014, 37, 294-298. | 1.3 | 5 |
| 130 | Nuclear exclusion of transcription factors associated with apoptosis in developing nervous tissue. Brazilian Journal of Medical and Biological Research, 1999, 32, 813-820. | 1.5 | 5 |
| 131 | Depletion of cortical target induced by prenatal ionizing irradiation: effects on the lateral geniculate nucleus and on the retinofugal pathways. International Journal of Developmental Neuroscience, 2001, 19, 475-483. | 1.6 | 4 |
| 132 | Herbimycin A induces sympathetic neuron survival and protects against hypoxia. NeuroReport, 2003, 14, 2397-2401. | 1.2 | 4 |
| 133 | Nuclear proteasomal degradation and cytoplasmic retention underlie early nuclear exclusion of transcription factor Max upon axon damage. Experimental Neurology, 2008, 213, 202-209. | 4.1 | 4 |
| 134 | Does the use of recombinant AAV5 in pulmonary gene therapy lead to lung damage?. Respiratory Physiology and Neurobiology, 2009, 168, 203-209. | 1.6 | 4 |
| 135 | Rod photoreceptor cell death is induced by okadaic acid through activation of PKC and L-type voltage-dependent Ca2+ channels and prevented by IGF-1. Neurochemistry International, 2010, 57, 128-135. | 3.8 | 4 |
| 136 | Reply to Altered Monoaminergic Systems and Depressive-like Behavior in Congenic Prion Protein Knock-out Mice. Journal of Biological Chemistry, 2015, 290, 26351. | 3.4 | 4 |
| 137 | Roles of glutamate receptors in a novel in vitro model of early, comorbid cerebrovascular, and Alzheimerâ€™s diseases. Journal of Neurochemistry, 2021, 156, 539-552. | 3.9 | 4 |
| 138 | Gene Therapy Strategies for Glaucomatous Neurodegeneration. Current Gene Therapy, 2021, 21, 362-381. | 2.0 | 4 |
| 139 | Retinal Genomic Fabric Remodeling after Optic Nerve Injury. Genes, 2021, 12, 403. | 2.4 | 4 |
| 140 | Dendritic Competition: A Principle of Retinal Development. , 1992, , 86-103. | | 4 |
| 141 | Modulation of the expression of the transcription factor Max in rat retinal ganglion cells by a recombinant adeno-associated viral vector. Brazilian Journal of Medical and Biological Research, 2005, 38, 375-379. | 1.5 | 4 |
| 142 | Expression of alpha-1 integrin subunit in the mammalian retina. Cell Biology International, 1994, 18, 211-214. | 3.0 | 3 |
| 143 | Target and afferents interact to control developmental cell death in the mesencephalic parabigeminal nucleus of the rat. Journal of Neuroscience Research, 1996, 45, 174-182. | 2.9 | 3 |
| 144 | Programmed cell death. , 2006, , 208-241. | | 3 |

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| 145 | A subacute model of glaucoma based on limbal plexus cautery in pigmented rats. Scientific Reports, 2019, 9, 16286. | 3.3 | 3 |
| 146 | Substrain-related dependence of Cu(I)-ATPase activity among prion protein-null mice. Brain Research, 2020, 1727, 146550. | 2.2 | 3 |
| 147 | Prion protein. The AFCS-nature Molecule Pages, 0, , . | 0.2 | 3 |
| 148 | Dissociation of genotype-dependent cognitive and motor behavior in a strain of aging mice devoid of the prion protein. Behavioural Brain Research, 2021, 411, 113386. | 2.2 | 2 |
| 149 | BDNF and NTâ€4 differentially modulate neurite outgrowth in developing retinal ganglion cells. Journal of Neuroscience Research, 1999, 57, 759-769. | 2.9 | 2 |
| 150 | Prion Protein: Orchestrating Neurotrophic Activities. , 2010, , . | | 2 |
| 151 | Cell proliferation in the central nervous system of an adult semiterrestrial crab. Cell and Tissue Research, 2021, 384, 73-85. | 2.9 | 1 |
| 152 | Prion (PRNP). , 2018, , 4164-4180. | | 1 |
| 153 | Tissue Biology of Proliferation and Cell Death Among Retinal Progenitor Cells. , 2010, , 191-230. | | 0 |
| 154 | The Efficiency Of Tyrosine-Mutant Adeno-Associated Viruses (AAVs) Serotype Vectors In Pulmonary Gene Therapy. , 2012, , . | | 0 |
| 155 | PrP. , 2012, , 1488-1488. | | 0 |
| 156 | Prion Protein (PRNP). , 2012, , 1462-1477. | | 0 |
| 157 | Prion (PRNP). , 2016, , 1-17. | | 0 |