

Marcos Emílio Frizzo

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,504
citations

394421

19
h-index

377865

34
g-index

34
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34
docs citations

34
times ranked

1333
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Riluzole Enhances Glutamate Uptake in Rat Astrocyte Cultures. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 123-128. | 3.3 | 188 |
| 2 | Guanosine enhances glutamate uptake in brain cortical slices at normal and excitotoxic conditions. <i>Cellular and Molecular Neurobiology</i> , 2002, 22, 353-363. | 3.3 | 109 |
| 3 | Effect of orally administered guanosine on seizures and death induced by glutamatergic agents. <i>Brain Research</i> , 2001, 912, 176-180. | 2.2 | 93 |
| 4 | Chronically administered guanosine is anticonvulsant, amnesic and anxiolytic in mice. <i>Brain Research</i> , 2003, 977, 97-102. | 2.2 | 93 |
| 5 | Activation of glutamate uptake by guanosine in primary astrocyte cultures. <i>NeuroReport</i> , 2001, 12, 879-881. | 1.2 | 90 |
| 6 | Methylmercury Increases Glutamate Release from Brain Synaptosomes and Glutamate Uptake by Cortical Slices from Suckling Rat Pups: Modulatory Effect of Ebselen. <i>Toxicological Sciences</i> , 2003, 73, 135-140. | 3.1 | 83 |
| 7 | Ebselen protects against methylmercury-induced inhibition of glutamate uptake by cortical slices from adult mice. <i>Toxicology Letters</i> , 2003, 144, 351-357. | 0.8 | 78 |
| 8 | Extracellular conversion of guanine-based purines to guanosine specifically enhances astrocyte glutamate uptake. <i>Brain Research</i> , 2003, 972, 84-89. | 2.2 | 75 |
| 9 | Maternal Milk as Methylmercury Source for Suckling Mice: Neurotoxic Effects Involved with the Cerebellar Glutamatergic System. <i>Toxicological Sciences</i> , 2004, 81, 172-178. | 3.1 | 74 |
| 10 | Computational Challenges in miRNA Target Predictions: To Be or Not to Be a True Target?. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-9. | 3.0 | 67 |
| 11 | Ontogenetic profile of glutamate uptake in brain structures slices from rats: sensitivity to guanosine. <i>Mechanisms of Ageing and Development</i> , 2004, 125, 475-481. | 4.6 | 65 |
| 12 | Anticonvulsant effect of GMP depends on its conversion to guanosine. <i>Brain Research</i> , 2004, 1005, 182-186. | 2.2 | 64 |
| 13 | Quinolinic acid promotes seizures and decreases glutamate uptake in young rats: reversal by orally administered guanosine. <i>Brain Research</i> , 2004, 1018, 48-54. | 2.2 | 55 |
| 14 | Effects of chronic administered guanosine on behavioral parameters and brain glutamate uptake in rats. <i>Journal of Neuroscience Research</i> , 2005, 79, 248-253. | 2.9 | 52 |
| 15 | Evidence that 3-hydroxyglutaric acid interacts with NMDA receptors in synaptic plasma membranes from cerebral cortex of young rats. <i>Neurochemistry International</i> , 2004, 45, 1087-1094. | 3.8 | 42 |
| 16 | Glutaric acid stimulates glutamate binding and astrocytic uptake and inhibits vesicular glutamate uptake in forebrain from young rats. <i>Neurochemistry International</i> , 2004, 45, 1075-1086. | 3.8 | 33 |
| 17 | Guanosine Enhances Glutamate Transport Capacity in Brain Cortical Slices. <i>Cellular and Molecular Neurobiology</i> , 2005, 25, 913-921. | 3.3 | 29 |
| 18 | 3-Hydroxyglutaric acid enhances glutamate uptake into astrocytes from cerebral cortex of young rats. <i>Neurochemistry International</i> , 2004, 44, 345-353. | 3.8 | 25 |

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|----|--|-----|-----------|
| 19 | Extracellular adenosine triphosphate induces glutamate transporter-1 expression in hippocampus. <i>Hippocampus</i> , 2007, 17, 305-315. | 1.9 | 21 |
| 20 | In vitro effects of d-2-hydroxyglutaric acid on glutamate binding, uptake and release in cerebral cortex of rats. <i>Journal of the Neurological Sciences</i> , 2004, 217, 189-194. | 0.6 | 19 |
| 21 | Naturally Occurring Compounds Affect Glutamatergic Neurotransmission in Rat Brain. <i>Neurochemical Research</i> , 2007, 32, 1950-1956. | 3.3 | 19 |
| 22 | Riluzole Stimulates BDNF Release from Human Platelets. <i>BioMed Research International</i> , 2015, 2015, 1-6. | 1.9 | 19 |
| 23 | Effects of L-2-hydroxyglutaric acid on various parameters of the glutamatergic system in cerebral cortex of rats. <i>Metabolic Brain Disease</i> , 2003, 18, 233-243. | 2.9 | 15 |
| 24 | Effects of Acute Perinatal Asphyxia in the Rat Hippocampus. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 683-692. | 3.3 | 14 |
| 25 | Can a Selective Serotonin Reuptake Inhibitor Act as a Glutamatergic Modulator?. <i>Current Therapeutic Research</i> , 2017, 87, 9-12. | 1.2 | 14 |
| 26 | Perisynaptic astrocytes as a potential target for novel antidepressant drugs. <i>Journal of Pharmacological Sciences</i> , 2021, 145, 60-68. | 2.5 | 13 |
| 27 | Effects of undernutrition on glutamatergic parameters in the cerebral cortex of young rats. <i>Physiology and Behavior</i> , 2008, 94, 580-585. | 2.1 | 12 |
| 28 | The Effect of Glutamatergic Modulators on Extracellular Glutamate: How Does this Information Contribute to the Discovery of Novel Antidepressants?. <i>Current Therapeutic Research</i> , 2019, 91, 25-32. | 1.2 | 9 |
| 29 | Metabolic effects of perinatal asphyxia in the rat cerebral cortex. <i>Metabolic Brain Disease</i> , 2013, 28, 25-32. | 2.9 | 8 |
| 30 | Sertraline reduces glutamate uptake in human platelets. <i>NeuroToxicology</i> , 2015, 51, 192-197. | 3.0 | 8 |
| 31 | The Sesquiterpenes Polygodial and Drimantal in vitro Affect Glutamatergic Transport in Rat Brain. <i>Neurochemical Research</i> , 2006, 31, 431-438. | 3.3 | 5 |
| 32 | Putative role of glycogen as a peripheral biomarker of GSK3 β activity. <i>Medical Hypotheses</i> , 2013, 81, 376-378. | 1.5 | 5 |
| 33 | A Simple Method to Quantify Glycogen from Human Platelets. <i>Journal of Cytology & Histology</i> , 2014, 05, . | 0.1 | 4 |
| 34 | Sertraline Induces Toxicity and Behavioral Alterations in Planarians. <i>BioMed Research International</i> , 2017, 2017, 1-8. | 1.9 | 4 |