

Marcos Emílio Frizzo

List of Publications by Year in descending order

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34
papers

1,504
citations

394421

19
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377865

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g-index

34
all docs

34
docs citations

34
times ranked

1333
citing authors

#	ARTICLE	IF	CITATIONS
1	Perisynaptic astrocytes as a potential target for novel antidepressant drugs. <i>Journal of Pharmacological Sciences</i> , 2021, 145, 60-68.	2.5	13
2	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
3	Can a Selective Serotonin Reuptake Inhibitor Act as a Glutamatergic Modulator?. <i>Current Therapeutic Research</i> , 2017, 87, 9-12.	1.2	14
4	Sertraline Induces Toxicity and Behavioral Alterations in Planarians. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	4
5	Riluzole Stimulates BDNF Release from Human Platelets. <i>BioMed Research International</i> , 2015, 2015, 1-6.	1.9	19
6	Sertraline reduces glutamate uptake in human platelets. <i>NeuroToxicology</i> , 2015, 51, 192-197.	3.0	8
7	A Simple Method to Quantify Glycogen from Human Platelets. <i>Journal of Cytology & Histology</i> , 2014, 05, .	0.1	4
8	Metabolic effects of perinatal asphyxia in the rat cerebral cortex. <i>Metabolic Brain Disease</i> , 2013, 28, 25-32.	2.9	8
9	Putative role of glycogen as a peripheral biomarker of GSK3 β activity. <i>Medical Hypotheses</i> , 2013, 81, 376-378.	1.5	5
10	Effects of Acute Perinatal Asphyxia in the Rat Hippocampus. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 683-692.	3.3	14
11	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
12	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
13	Extracellular adenosine triphosphate induces glutamate transporter-1 expression in hippocampus. <i>Hippocampus</i> , 2007, 17, 305-315.	1.9	21
14	Naturally Occurring Compounds Affect Glutamatergic Neurotransmission in Rat Brain. <i>Neurochemical Research</i> , 2007, 32, 1950-1956.	3.3	19
15	The Sesquiterpenes Polygodial and Drimaniol in vitro Affect Glutamatergic Transport in Rat Brain. <i>Neurochemical Research</i> , 2006, 31, 431-438.	3.3	5
16	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
17	Guanosine Enhances Glutamate Transport Capacity in Brain Cortical Slices. <i>Cellular and Molecular Neurobiology</i> , 2005, 25, 913-921.	3.3	29
18	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

#	ARTICLE	IF	CITATIONS
19	Anticonvulsant effect of GMP depends on its conversion to guanosine. <i>Brain Research</i> , 2004, 1005, 182-186.	2.2	64
20	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
21	Riluzole Enhances Glutamate Uptake in Rat Astrocyte Cultures. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 123-128.	3.3	188
22	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
23	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
24	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
25	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
26	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
27	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
28	Extracellular conversion of guanine-based purines to guanosine specifically enhances astrocyte glutamate uptake. <i>Brain Research</i> , 2003, 972, 84-89.	2.2	75
29	Chronically administered guanosine is anticonvulsant, amnesic and anxiolytic in mice. <i>Brain Research</i> , 2003, 977, 97-102.	2.2	93
30	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
31	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
32	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
33	Activation of glutamate uptake by guanosine in primary astrocyte cultures. <i>NeuroReport</i> , 2001, 12, 879-881.	1.2	90
34	Effect of orally administered guanosine on seizures and death induced by glutamatergic agents. <i>Brain Research</i> , 2001, 912, 176-180.	2.2	93