

Emili Martinez

List of Publications by Year in descending order

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55
papers

1,620
citations

279798

23
h-index

302126

39
g-index

55
all docs

55
docs citations

55
times ranked

1684
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of hemoxygenase-1 expression after inhibition of hemoxygenase activity promotes inflammation and worsens ischemic brain damage in mice. <i>Neuroscience</i> , 2013, 243, 22-32.	2.3	23
2	A complementary diffusion tensor imaging (DTI)-histological study in a model of Huntington's disease. <i>Neurobiology of Aging</i> , 2012, 33, 945-959.	3.1	29
3	Type 1 cannabinoid receptor mapping with [18F]MK-9470 PET in the rat brain after quinolinic acid lesion: a comparison to dopamine receptors and glucose metabolism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 2354-2363.	6.4	25
4	Antioxidant CR-6 Protects against Reperfusion Injury after a Transient Episode of Focal Brain Ischemia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 638-652.	4.3	39
5	Differential distribution of PDE4B splice variant mRNAs in rat brain and the effects of systemic administration of LPS in their expression. <i>Synapse</i> , 2008, 62, 74-79.	1.2	34
6	Spermine induces cell death in cultured human embryonic cerebral cortical neurons through N-methyl-D-aspartate receptor activation. <i>Journal of Neuroscience Research</i> , 2008, 86, 861-872.	2.9	25
7	Working memory deficits in transgenic rats overexpressing human adenosine A2A receptors in the brain. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 42-56.	1.9	115
8	Neuroprotective effect of L-DOPA co-administered with the adenosine A2A receptor agonist CGS 21680 in an animal model of Parkinson's disease. <i>Brain Research Bulletin</i> , 2004, 64, 155-164.	3.0	32
9	Putrescine as a marker of the effects of 2-chloropropionic acid in the rat brain. <i>Neuroscience Letters</i> , 2004, 362, 209-212.	2.1	0
10	Cerebral distribution of polyamines in kainic acid-induced models of status epilepticus and ataxia in rats. Overproduction of putrescine and histological damage. <i>European Neuropsychopharmacology</i> , 2002, 12, 397-405.	0.7	14
11	Metabotropic glutamate mGlu5 receptor-mediated modulation of the ventral striopallidal GABA pathway in rats. Interactions with adenosine A2A and dopamine D2 receptors. <i>Neuroscience Letters</i> , 2002, 324, 154-158.	2.1	124
12	Extracellular putrescine content after acute excitotoxic brain damage in the rat. <i>Neuroscience Letters</i> , 2002, 330, 74-78.	2.1	5
13	Lesion of substantia nigra pars compacta by the GluR5 agonist ATPA. <i>Brain Research</i> , 2002, 955, 104-114.	2.2	7
14	Polyamines in the basal ganglia of human brain. Influence of aging and degenerative movement disorders. <i>Neuroscience Letters</i> , 2001, 304, 107-111.	2.1	57
15	Polyamine metabolism and glutamate receptor agonists-mediated excitotoxicity in the rat brain. <i>Journal of Neuroscience Research</i> , 2001, 66, 1101-1111.	2.9	18
16	Effect of N-methyl-d-aspartate on motor activity and in vivo adenosine striatal outflow in the rat. <i>European Journal of Pharmacology</i> , 1999, 385, 15-19.	3.5	34
17	Behavioral and Monoaminergic Changes After Lindane Exposure in Developing Rats. <i>Neurotoxicology and Teratology</i> , 1998, 20, 155-160.	2.4	26
18	Seizures and neuronal damage induced in the rat by activation of group I metabotropic glutamate receptors with their selective agonist 3,5-dihydroxyphenylglycine. <i>Journal of Neuroscience Research</i> , 1998, 51, 339-348.	2.9	63

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19	Long-term effects of status epilepticus induced by kainic acid on hippocampal polyamines. <i>NeuroReport</i> , 1998, 9, 937-941.	1.2	3
20	Different Effects of Dopamine Antagonists on Spontaneous and NMDA-Induced Motor Activity in Mice. <i>Pharmacology Biochemistry and Behavior</i> , 1997, 56, 549-553.	2.9	23
21	Changes in brain putrescine concentration associated with nonconvulsant behavioral patterns induced by systemic N-methyl-D-aspartate injection. <i>Molecular and Chemical Neuropathology</i> , 1997, 30, 289-302.	1.0	7
22	Reserpine potentiates NMDA-induced c-fos mRNA expression in the mouse brain. <i>Neuroscience Letters</i> , 1996, 212, 147-150.	2.1	5
23	Motor depressant effects of systemically administered polyamines in mice: involvement of central NMDA receptors. <i>European Journal of Pharmacology</i> , 1996, 318, 231-238.	3.5	10
24	Adenosine A1 receptor blockade selectively potentiates the motor effects induced by dopamine D1 receptor stimulation in rodents. <i>Neuroscience Letters</i> , 1996, 218, 209-213.	2.1	69
25	NMDA-Induced Motor Activation in Rodents. , 1996, , 85-94.		0
26	Effects of the systemic administration of kainic acid and NMDA on exploratory activity in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 51, 205-210.	2.9	14
27	Dopamine-independent and adenosine-dependent mechanisms involved in the effects of N-methyl-D-aspartate on motor activity in mice. <i>European Journal of Pharmacology</i> , 1995, 275, 171-177.	3.5	26
28	Motor activation in short- and long-term reserpinized mice: role of , dopamine D1 and dopamine D2 receptors. <i>European Journal of Pharmacology</i> , 1994, 255, 203-213.	3.5	32
29	Postsynaptic antagonistic interaction between adenosine A1, and dopamine D1 receptors. <i>NeuroReport</i> , 1994, 6, 73-76.	1.2	133
30	Lindane Administration to the Rat Induces Modifications in the Regional Cerebral Binding of [3H]Muscimol, [3H]-Flunitrazepam, and t-[35S]Butylbicyclophosphorothionate: An Autoradiographic Study. <i>Journal of Neurochemistry</i> , 1993, 60, 1821-1834.	3.9	20
31	Differential response of rat brain polyamines to convulsant agents. <i>Life Sciences</i> , 1991, 48, 77-84.	4.3	45
32	Relationship Between Serotonergic Measures in Blood and Cerebrospinal Fluid Simultaneously Obtained in Humans. <i>Journal of Neurochemistry</i> , 1990, 54, 783-786.	3.9	73
33	Study of regional cerebral blood flow after lindane administration to the rat. <i>Pesticide Biochemistry and Physiology</i> , 1990, 38, 1-8.	3.6	4
34	Non-specific inhibition of imipramine binding argues against an endogenous ligand. <i>European Journal of Pharmacology</i> , 1990, 181, 9-15.	3.5	3
35	Rapid non-enzymatic HPLC determination of total MHPG in human plasma. <i>Life Sciences</i> , 1990, 46, 239-246.	4.3	5
36	Increased plasma free serotonin but unchanged platelet serotonin in bipolar patients treated chronically with lithium. <i>Psychopharmacology</i> , 1989, 99, 328-332.	3.1	43

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37	Seasonal changes of plasma serotonin and related parameters: Correlation with environmental measures. <i>Biological Psychiatry</i> , 1989, 26, 695-706.	1.3	69
38	Organochlorine pesticides by negative ion chemical ionization. Brain metabolites of lindane. <i>Biological Mass Spectrometry</i> , 1988, 16, 279-284.	0.5	7
39	Regional distribution of lindane in rat brain. <i>Toxicology</i> , 1988, 49, 189-196.	4.2	11
40	Cerebral glucose uptake in lindane-treated rats. <i>Toxicology</i> , 1988, 49, 381-387.	4.2	10
41	The effect of non-convulsant doses of lindane on temperature and body weight. <i>Toxicology</i> , 1988, 49, 389-394.	4.2	16
42	Synthesis and utilization of neurotransmitters: Actions of subconvulsant doses of hexachlorocyclohexane isomers on brain monoamines. <i>Toxicology</i> , 1988, 49, 49-55.	4.2	18
43	Brain metabolites of lindane and related isomers: Identification by negative ion mass spectrometry. <i>Toxicology</i> , 1988, 49, 57-63.	4.2	9
44	Decreased plasma serotonin in melancholic patients: A study with clomipramine. <i>Biological Psychiatry</i> , 1987, 22, 1429-1438.	1.3	81
45	Analysis, accumulation and central effects of trihalomethanes. I. bromoform. <i>Toxicological and Environmental Chemistry</i> , 1986, 11, 79-91.	1.2	5
46	Comparative Ontogenesis of Brain Tryptamine, Serotonin, and Tryptophan. <i>Journal of Neurochemistry</i> , 1985, 44, 31-37.	3.9	11
47	Serotonin in body fluids: Characterization of human plasmatic and cerebrospinal fluid pools by means of a new HPLC method. <i>Life Sciences</i> , 1985, 37, 441-447.	4.3	90
48	Determination of tryptamine in brain tissue by capillary gas chromatography mass spectrometry (selected ion monitoring). <i>Biomedical Mass Spectrometry</i> , 1984, 11, 142-144.	1.9	12
49	Comparison of high-performance liquid chromatography and gas chromatography-mass spectrometry for the analysis of indole-3-acetic acid in brain tissue. <i>Biomedical Applications</i> , 1984, 306, 338-344.	1.7	14
50	On the-metabolic origin of plasmatic indole-3-acetic acid in the rat. <i>Biochemical Pharmacology</i> , 1983, 32, 3251-3254.	4.4	8
51	Fluorometric Determination of Tryptophan and Its Brain Indoleamine Metabolites by Ion-Pair HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1983, 6, 527-541.	1.0	14
52	Neurochemical studies on catecholamines and indoleamines by high-performance liquid chromatography with electrochemical detection. <i>Chromatographia</i> , 1982, 16, 112-116.	1.3	21
53	Trimethylsilylation of biogenic indoleamines. <i>Journal of Chromatography A</i> , 1979, 186, 619-636.	3.7	2
54	Mixed pentafluoropropionyl-trimethylsilyl derivatives of 5-hydroxytryptophan for mass fragmentographic detection. Development of a retention index model for substituted indoles. <i>Journal of Chromatography A</i> , 1978, 167, 77-90.	3.7	9

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55	Adsorption of tryptophan metabolites from physiological fluids on XAD-2 and determination by single ion monitoring. <i>Biological Mass Spectrometry</i> , 1976, 3, 91-96.	0.5	28