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	Postsynaptic antagonistic interaction between adenosine A1, and dopamine D1 receptors. NeuroReport, 1994, 6, 73-76.	1.2	133
2	Metabotropic glutamate mGlu5 receptor-mediated modulation of the ventral striopallidal GABA pathway in rats. Interactions with adenosine A2A and dopamine D2 receptors. Neuroscience Letters, 2002, 324, 154-158.	2.1	124
3	Working memory deficits in transgenic rats overexpressing human adenosine A2A receptors in the brain. Neurobiology of Learning and Memory, 2007, 87, 42-56.	1.9	115
4	Serotonin in body fluids: Characterization of human plasmatic and cerebrospinal fluid pools by means of a new HPLC method. Life Sciences, 1985, 37, 441-447.	4.3	90
5	Decreased plasma serotonin in melancholic patients: A study with clomipramine. Biological Psychiatry, 1987, 22, 1429-1438.	1.3	81
6	Relationship Between Serotoninergic Measures in Blood and Cerebrospinal Fluid Simultaneously Obtained in Humans. Journal of Neurochemistry, 1990, 54, 783-786.	3.9	73
7	Seasonal changes of plasma serotonin and related parameters: Correlation with environmental measures. Biological Psychiatry, 1989, 26, 695-706.	1.3	69
8	Adenosine A1 receptor blockade selectively potentiates the motor effects induced by dopamine D1 receptor stimulation in rodents. Neuroscience Letters, 1996, 218, 209-213.	2.1	69
9	Seizures and neuronal damage induced in the rat by activation of group I metabotropic glutamate receptors with their selective agonist 3,5-dihydroxyphenylglycine. Journal of Neuroscience Research, 1998, 51, 339-348.	2.9	63
10	Polyamines in the basal ganglia of human brain. Influence of aging and degenerative movement disorders. Neuroscience Letters, 2001, 304, 107-111.	2.1	57
11	Differential response of rat brain polyamines to convulsant agents. Life Sciences, 1991, 48, 77-84.	4.3	45
12	Increased plasma free serotonin but unchanged platelet serotonin in bipolar patients treated chronically with lithium. Psychopharmacology, 1989, 99, 328-332.	3.1	43
13	Antioxidant CR-6 Protects against Reperfusion Injury after a Transient Episode of Focal Brain Ischemia in Rats. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 638-652.	4.3	39
14	Effect of N-methyl-d-aspartate on motor activity and in vivo adenosine striatal outflow in the rat. European Journal of Pharmacology, 1999, 385, 15-19.	3.5	34
15	Differential distribution of PDE4B splice variant mRNAs in rat brain and the effects of systemic administration of LPS in their expression. Synapse, 2008, 62, 74-79.	1.2	34
16	Motor activation in short- and long-term reserpinized mice: role of , dopamine D1 and dopamine D2 receptors. European Journal of Pharmacology, 1994, 255, 203-213.	3.5	32
17	Neuroprotective effect of L-DOPA co-administered with the adenosine A2A receptor agonist CGS 21680 in an animal model of Parkinsonâ€™s disease. Brain Research Bulletin, 2004, 64, 155-164.	3.0	32
18	A complementary diffusion tensor imaging (DTI)-histological study in a model of Huntington's disease. Neurobiology of Aging, 2012, 33, 945-959.	3.1	29

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19	Adsorption of tryptophan metabolites from physiological fluids on XAD-2 and determination by single ion monitoring. Biological Mass Spectrometry, 1976, 3, 91-96.	0.5	28
20	Dopamine-independent and adenosine-dependent mechanisms involved in the effects of N-methyl-d-aspartate on motor activity in mice. European Journal of Pharmacology, 1995, 275, 171-177.	3.5	26
21	Behavioral and Monoaminergic Changes After Lindane Exposure in Developing Rats. Neurotoxicology and Teratology, 1998, 20, 155-160.	2.4	26
22	Spermine induces cell death in cultured human embryonic cerebral cortical neurons through Nâ€methylâ€Dâ€aspartate receptor activation. Journal of Neuroscience Research, 2008, 86, 861-872.	2.9	25
23	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. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 2354-2363.	6.4	25
24	Different Effects of Dopamine Antagonists on Spontaneous and NMDA-Induced Motor Activity in Mice. Pharmacology Biochemistry and Behavior, 1997, 56, 549-553.	2.9	23
25	Induction of hemeoxygenase-1 expression after inhibition of hemeoxygenase activity promotes inflammation and worsens ischemic brain damage in mice. Neuroscience, 2013, 243, 22-32.	2.3	23
26	Neurochemical studies on catecholamines and indoleamines by high-performance liquid chromatography with electrochemical detection. Chromatographia, 1982, 16, 112-116.	1.3	21
27	Lindane Administration to the Rat Induces Modifications in the Regional Cerebral Binding of [3H]Muscimol, [3H]-Flunitrazepam, and t-[35S]Butylbicyclophosphorothionate: An Autoradiographic Study. Journal of Neurochemistry, 1993, 60, 1821-1834.	3.9	20
28	Synthesis and utilization of neurotransmitters: Actions of subconvulsant doses of hexachlorocyclohexane isomers on brain monoamines. Toxicology, 1988, 49, 49-55.	4.2	18
29	Polyamine metabolism and glutamate receptor agonists-mediated excitotoxicity in the rat brain. Journal of Neuroscience Research, 2001, 66, 1101-1111.	2.9	18
30	The effect of non-convulsant doses of lindane on temperature and body weight. Toxicology, 1988, 49, 389-394.	4.2	16
31	Fluorometric Determination of Tryptophan and Its Brain Indoleamine Metabolites by Ion-Pair HPLC. Journal of Liquid Chromatography and Related Technologies, 1983, 6, 527-541.	1.0	14
32	Comparison of high-performance liquid chromatography and gas chromatography-mass spectrometry for the analysis of indole-3-acetic acid in brain tissue. Biomedical Applications, 1984, 306, 338-344.	1.7	14
33	Effects of the systemic administration of kainic acid and NMDA on exploratory activity in rats. Pharmacology Biochemistry and Behavior, 1995, 51, 205-210.	2.9	14
34	Cerebral distribution of polyamines in kainic acid-induced models of status epilepticus and ataxia in rats. Overproduction of putrescine and histological damage. European Neuropsychopharmacology, 2002, 12, 397-405.	0.7	14
35	Determination of tryptamine in brain tissue by capillary gas chromatography mass spectrometry (selected ion monitoring). Biomedical Mass Spectrometry, 1984, 11, 142-144.	1.9	12
36	Comparative Ontogenesis of Brain Tryptamine, Serotonin, and Tryptophan. Journal of Neurochemistry, 1985, 44, 31-37.	3.9	11

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37	Regional distribution of lindane in rat brain. Toxicology, 1988, 49, 189-196.	4.2	11
38	Cerebral glucose uptake in lindane-treated rats. Toxicology, 1988, 49, 381-387.	4.2	10
39	Motor depressant effects of systemically administered polyamines in mice: involvement of central NMDA receptors. European Journal of Pharmacology, 1996, 318, 231-238.	3.5	10
40	Mixed pentafluoropropionyl-trimethylsilyl derivatives of 5-hydroxytryptophan for mass fragmentographic detection. Development of a retention index model for substituted indoles. Journal of Chromatography A, 1978, 167, 77-90.	3.7	9
41	Brain metabolites of lindane and related isomers: Identification by negative ion mass spectrometry. Toxicology, 1988, 49, 57-63.	4.2	9
42	On the-metabolic origin of plasmatic indole-3-acetic acid in the rat. Biochemical Pharmacology, 1983, 32, 3251-3254.	4.4	8
43	Organochlorine pesticides by negative ion chemical ionization. Brain metabolites of lindane. Biological Mass Spectrometry, 1988, 16, 279-284.	0.5	7
44	Changes in brain putrescine concentration associated with nonconvulsant behavioral patterns induced by systemicN-methyl-d-aspartate injection. Molecular and Chemical Neuropathology, 1997, 30, 289-302.	1.0	7
45	Lesion of substantia nigra pars compacta by the GluR5 agonist ATPA. Brain Research, 2002, 955, 104-114.	2.2	7
46	Analysis, accumulation and central effects of trihalomethanes. I. bromoformâ€. Toxicological and Environmental Chemistry, 1986, 11, 79-91.	1.2	5
47	Rapid non-enzymatic HPLC determination of total MHPG in human plasma. Life Sciences, 1990, 46, 239-246.	4.3	5
48	Reserpine potentiates NMDA-induced c-fos mRNA expression in the mouse brain. Neuroscience Letters, 1996, 212, 147-150.	2.1	5
49	Extracellular putrescine content after acute excitotoxic brain damage in the rat. Neuroscience Letters, 2002, 330, 74-78.	2.1	5
50	Study of regional cerebral blood flow after lindane administration to the rat. Pesticide Biochemistry and Physiology, 1990, 38, 1-8.	3.6	4
51	Non-specific inhibition of imipramine binding argues against an endogenous ligand. European Journal of Pharmacology, 1990, 181, 9-15.	3.5	3
52	Long-term effects of status epilepticus induced by kainic acid on hippocampal polyamines. NeuroReport, 1998, 9, 937-941.	1.2	3
53	Trimethylsilylation of biogenic indoleamines. Journal of Chromatography A, 1979, 186, 619-636.	3.7	2
54	Putrescine as a marker of the effects of 2-chloropropionic acid in the rat brain. Neuroscience Letters, 2004, 362, 209-212.	2.1	0

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55	NMDA-Induced Motor Activation in Rodents. , 1996, , 85-94.		0