Agustina GarcÃ-a

List of Publications by Year
in descending order

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45 papers	1,927 citations	257101 24 h-index	264894 42 g-index
46 all docs	46 docs citations	46 times ranked	1679 citing authors

#	Article	IF	Citations
1	Mechanisms Involved in the Remyelinating Effect of Sildenafil. Journal of NeuroImmune Pharmacology, 2018, 13, 6-23.	2.1	13
2	Phosphodiesterase 5 inhibition at disease onset prevents experimental autoimmune encephalomyelitis progression through immunoregulatory and neuroprotective actions. Experimental Neurology, 2014, 251, 58-71.	2.0	49
3	Metallothioneins I/II are involved in the neuroprotective effect of sildenafil in focal brain injury. Neurochemistry International, 2013, 62, 70-78.	1.9	17
4	Induction of atypical EAE mediated by transgenic production of IL‚Ã€6 in astrocytes in the absence of systemic IL‚Ã€6. Glia, 2013, 61, 587-600.	2.5	44
5	Secretase-Independent and RhoGTPase/PAK/ERK-Dependent Regulation of Cytoskeleton Dynamics in Astrocytes by NSAIDs and Derivatives. Journal of Alzheimer's Disease, 2011, 22, 1135-1155.	1.2	26
6	Sildenafil (Viagra) ameliorates clinical symptoms and neuropathology in a mouse model of multiple sclerosis. Acta Neuropathologica, 2011, 121, 499-508.	3.9	61
7	Altered Distribution of RhoA in Alzheimer's Disease and AÎ²PP Overexpressing Mice. Journal of Alzheimer's Disease, 2010, 19, 37-56.	1.2	67
8	Cyclic GMP phosphodiesterase inhibition alters the glial inflammatory response, reduces oxidative stress and cell death and increases angiogenesis following focal brain injury. Journal of Neurochemistry, 2010, 112, 807-817.	2.1	43
9	Glial cells as sources and targets of natriuretic peptides. Neurochemistry International, 2010, 57, 367-374.	1.9	28
10	NO-sensitive guanylyl cyclase Î²1 subunit is peripherally associated to chromosomes during mitosis. Novel role in chromatin condensation and cell cycle progression. International Journal of Biochemistry and Cell Biology, 2009, 41, 1719-1730.	1.2	25
11	Regulation and Function of Cyclic GMP-Mediated Pathways in Glial Cells. Neurochemical Research, 2008, 33, 2427-2435.	1.6	9
12	The ANPâ€cGMPâ€protein kinase G pathway induces a phagocytic phenotype but decreases inflammatory gene expression in microglial cells. Glia, 2008, 56, 394-411.	2.5	27
13	LPS-induced down-regulation of NO-sensitive guanylyl cyclase in astrocytes occurs by proteasomal degradation in clastosomes. Molecular and Cellular Neurosciences, 2008, 37, 494-506.	1.0	11
14	LPS-induced down-regulation of NO-sensitive guanylyl cyclase in astrocytes occurs by proteasomal degradation in nuclear bodies. BMC Pharmacology, 2007, 7, .	0.4	0
15	NO-sensitive guanylyl cyclase Î²1 subunit interacts with chromosomes during mitosis: novel role in the regulation of chromatin condensation. BMC Pharmacology, 2007, 7, .	0.4	1
16	The cyclic GMP-protein kinase G pathway regulates cytoskeleton dynamics and motility in astrocytes. Journal of Neurochemistry, 2007, 102, 216-230.	2.1	73
17	Nitric oxide-dependent and independent down-regulation of NO-sensitive guanylyl cyclase in neural cells. Toxicology Letters, 2004, 149, 75-83.	0.4	20
18	Reduced expression of NO-sensitive guanylyl cyclase in reactive astrocytes of Alzheimer disease, Creutzfeldtâ€“Jakob disease, and multiple sclerosis brains. Neurobiology of Disease, 2004, 17, 462-472.	2.1	34

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19	HIV-1 coat protein gp120 decreases NO-dependent cyclic GMP accumulation in rat brain astroglia by increasing cyclic GMP phosphodiesterase activity. Neurochemistry International, 2004, 45, 937-946.	1.9	6
20	Interleukin-1Î² and lipopolysaccharide decrease soluble guanylyl cyclase in brain cells: NO-independent destabilization of protein and NO-dependent decrease of mRNA. Journal of Neuroimmunology, 2003, 144, 80-90.	1.1	23
21	Regulation of NO-dependent cyclic GMP formation by inflammatory agents in neural cells. Toxicology Letters, 2003, 139, 191-198.	0.4	12
22	Neuroinflammatory agents down-regulate soluble guanylyl cyclase in astroglial cells by nitric oxide-dependent and independent mechanisms. BMC News and Views, 2003, 3, .	0.0	0
23	Interferon-Î³ Regulates Oxidative Stress during Experimental Autoimmune Encephalomyelitis. Experimental Neurology, 2002, 177, 21-31.	2.0	22
24	Î²-Amyloid Peptides Decrease Soluble Guanylyl Cyclase Expression in Astroglial Cells. Neurobiology of Disease, 2002, 10, 139-149.	2.1	43
25	Dexamethasone Up-Regulates a Constitutive Nitric Oxide Synthase in Cerebellar Astrocytes but Not in Granule Cells in Culture. Journal of Neurochemistry, 2002, 64, 447-450.	2.1	19
26	The nitric oxide/cyclic GMP system in astroglial cells. Progress in Brain Research, 2001, 132, 325-337.	0.9	14
27	Endothelin stimulates nitric oxide-dependent cyclic GMP formation in rat cerebellar astroglia. NeuroReport, 1999, 10, 33-36.	0.6	17
28	Metallothionein-I+II induction by zinc and copper in primary cultures of rat microglia. Neurochemistry International, 1998, 33, 237-242.	1.9	21
29	Differences in the stimulation of the phosphoinositide cycle by amine neurotransmitters in cultured rat forebrain neurones and astrocytes. Biochemical Pharmacology, 1997, 54, 1243-1251.	2.0	3
30	AMPA Receptors are Coupled to the Nitric Oxide/Cyclic GMP Pathway in Cerebellar Astroglial Cells. European Journal of Neuroscience, 1997, 9, 2497-2501.	1.2	27
31	Regulation by calcium of the nitric oxide/cyclic GMP system in cerebellar granule cells and astroglia in culture. Journal of Neuroscience Research, 1997, 49, 333-341.	1.3	35
32	Characteristics of nitric oxide synthase type I of rat cerebellar astrocytes. , 1996, 18, 224-232.		43
33	Calcium-dependent nitric oxide formation in glial cells. Brain Research, 1995, 686, 160-168.	1.1	51
34	Synthesis of nitric oxide in CNS glial cells. Trends in Neurosciences, 1993, 16, 323-328.	4.2	615
35	Stimulation of nitric oxide-dependent cyclic gmp formation in neurons and astrocytes in culture. Pharmacological Research, 1992, 26, 207.	3.1	24
36	Different receptors mediate stimulation of nitric oxide-dependent cyclic GMP formation in neurons and astrocytes in culture. Biochemical and Biophysical Research Communications, 1992, 182, 1362-1368.	1.0	93

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37	Norepinephrine increases cyclic GMP in astrocytes by a mechanism dependent on nitric oxide synthesis. European Journal of Pharmacology, 1991, 206, 343-346.	2.7	46
38	Histamine Stimulation of Cyclic AMP Accumulation in Astrocyte-Enriched and Neuronal Primary Cultures from Rat Brain. Journal of Neurochemistry, 1990, 55, 1592-1598.	2.1	31
39	Histamine H1-receptors mediate phosphoinositide hydrolysis in astrocyte-enriched primary cultures. Brain Research, 1988, 450, 144-152.	1.1	37
40	Presence and distribution of histaminergic components in rat and bovine retina. Neurochemistry International, 1988, 13, 97-104.	1.9	10
41	[3H]mepyramine binding to histamine H1 receptors in bovine retina. Biochemical and Biophysical Research Communications, 1986, 135, 445-450.	1.0	11
42	Phosphoinositide hydrolysis mediated by histamine H1-receptors in rat brain cortex. European Journal of Pharmacology, 1986, 123, 187-196.	1.7	29
43	Effect of thyroid state on histamine H1 receptors in adult and developing rat brain. Biochemical Pharmacology, 1985, 34, 4131-4136.	2.0	12
44	Lung lamellar bodies lack certain key enzymes of phospholipid metabolism. Lipids, 1976, 11, 109-112.	0.7	56
45	Lung surfactant synthesis: A Ca++-dependent microsomal phospholipase A2 in the lung. Biochemical and Biophysical Research Communications, 1975, 64, 128-135.	1.0	79