Agustina Garca

List of Publications by Year in Descending Order

43 papers	1,739 citations	23 h-index	41 g-index
46 ext. papers	1,819 ext. citations	5.5 avg, IF	3.91 L-index

#	Paper	IF	Citations
43	Mechanisms Involved in the Remyelinating Effect of Sildenafil. *Journal of NeuroImmune Pharmacology*, **2018**, 13, 6-23	6.9	7
42	Phosphodiesterase 5 inhibition at disease onset prevents experimental autoimmune encephalomyelitis progression through immunoregulatory and neuroprotective actions. *Experimental Neurology*, **2014**, 251, 58-71	5.7	39
41	Metallothioneins I/II are involved in the neuroprotective effect of sildenafil in focal brain injury. *Neurochemistry International*, **2013**, 62, 70-8	4.4	13
40	Induction of atypical EAE mediated by transgenic production of IL-6 in astrocytes in the absence of systemic IL-6. *Glia*, **2013**, 61, 587-600	9	28
39	Sildenafil (Viagra) ameliorates clinical symptoms and neuropathology in a mouse model of multiple sclerosis. *Acta Neuropathologica*, **2011**, 121, 499-508	14.3	52
38	Secretase-independent and RhoGTPase/PAK/ERK-dependent regulation of cytoskeleton dynamics in astrocytes by NSAIDs and derivatives. *Journal of Alzheimer's Disease*, **2010**, 22, 1135-55	4.3	22
37	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, 807-17	6	37
36	Glial cells as sources and targets of natriuretic peptides. *Neurochemistry International*, **2010**, 57, 367-74	4.4	24
35	Altered distribution of RhoA in Alzheimer's disease and AbetaPP overexpressing mice. *Journal of Alzheimer's Disease*, **2010**, 19, 37-56	4.3	51
34	NO-sensitive guanylyl cyclase beta1 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, 1719-30	5.6	23
33	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	4.8	10
32	Regulation and function of cyclic GMP-mediated pathways in glial cells. *Neurochemical Research*, **2008**, 33, 2427-35	4.6	8
31	The ANP-cGMP-protein kinase G pathway induces a phagocytic phenotype but decreases inflammatory gene expression in microglial cells. *Glia*, **2008**, 56, 394-411	9	22
30	NO-sensitive guanylyl cyclase 1 subunit interacts with chromosomes during mitosis: novel role in the regulation of chromatin condensation. *BMC Pharmacology*, **2007**, 7,		1
29	The cyclic GMP-protein kinase G pathway regulates cytoskeleton dynamics and motility in astrocytes. *Journal of Neurochemistry*, **2007**, 102, 216-30	6	66
28	Nitric oxide-dependent and independent down-regulation of NO-sensitive guanylyl cyclase in neural cells. *Toxicology Letters*, **2004**, 149, 75-83	4.4	19
27	Reduced expression of NO-sensitive guanylyl cyclase in reactive astrocytes of Alzheimer disease, Creutzfeldt-Jakob disease, and multiple sclerosis brains. *Neurobiology of Disease*, **2004**, 17, 462-72	7.5	27

26	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, 937-46	4.4	6
25	Interleukin-1 beta 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	3.5	20
24	Regulation of NO-dependent cyclic GMP formation by inflammatory agents in neural cells. *Toxicology Letters*, **2003**, 139, 191-8	4.4	10
23	Interferon-gamma regulates oxidative stress during experimental autoimmune encephalomyelitis. *Experimental Neurology*, **2002**, 177, 21-31	5.7	21
22	Beta-amyloid peptides decrease soluble guanylyl cyclase expression in astroglial cells. *Neurobiology of Disease*, **2002**, 10, 139-49	7.5	36
21	The nitric oxide/cyclic GMP system in astroglial cells. *Progress in Brain Research*, **2001**, 132, 325-37	2.9	11
20	Endothelin stimulates nitric oxide-dependent cyclic GMP formation in rat cerebellar astroglia. *NeuroReport*, **1999**, 10, 33-6	1.7	15
19	Metallothionein-I+II induction by zinc and copper in primary cultures of rat microglia. *Neurochemistry International*, **1998**, 33, 237-42	4.4	17
18	Differences in the stimulation of the phosphoinositide cycle by amine neurotransmitters in cultured rat forebrain neurones and astrocytes. *Biochemical Pharmacology*, **1997**, 54, 1243-51	6	3
17	AMPA receptors are coupled to the nitric oxide/cyclic GMP pathway in cerebellar astroglial cells. *European Journal of Neuroscience*, **1997**, 9, 2497-501	3.5	24
16	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	4.4	33
15	Characteristics of nitric oxide synthase type I of rat cerebellar astrocytes. *Glia*, **1996**, 18, 224-32	9	37
14	Dexamethasone up-regulates a constitutive nitric oxide synthase in cerebellar astrocytes but not in granule cells in culture. *Journal of Neurochemistry*, **1995**, 64, 447-50	6	18
13	Calcium-dependent nitric oxide formation in glial cells. *Brain Research*, **1995**, 686, 160-8	3.7	46
12	Synthesis of nitric oxide in CNS glial cells. *Trends in Neurosciences*, **1993**, 16, 323-8	13.3	582
11	Stimulation of nitric oxide-dependent cyclic gmp formation in neurons and astrocytes in culture. *Pharmacological Research*, **1992**, 26, 207	10.2	23
10	Different receptors mediate stimulation of nitric oxide-dependent cyclic GMP formation in neurons and astrocytes in culture. *Biochemical and Biophysical Research Communications*, **1992**, 182, 1362-8	3.4	88
9	Norepinephrine increases cyclic GMP in astrocytes by a mechanism dependent on nitric oxide synthesis. *European Journal of Pharmacology*, **1991**, 206, 343-6		44

8	Histamine stimulation of cyclic AMP accumulation in astrocyte-enriched and neuronal primary cultures from rat brain. *Journal of Neurochemistry*, **1990**, 55, 1592-8	6	29
7	Histamine H1-receptors mediate phosphoinositide hydrolysis in astrocyte-enriched primary cultures. *Brain Research*, **1988**, 450, 144-52	3.7	37
6	Presence and distribution of histaminergic components in rat and bovine retina. *Neurochemistry International*, **1988**, 13, 97-104	4.4	8
5	[3H]mepyramine binding to histamine H1 receptors in bovine retina. *Biochemical and Biophysical Research Communications*, **1986**, 135, 445-50	3.4	11
4	Phosphoinositide hydrolysis mediated by histamine H1-receptors in rat brain cortex. *European Journal of Pharmacology*, **1986**, 123, 187-96	5.3	26
3	Effect of thyroid state on histamine H1 receptors in adult and developing rat brain. *Biochemical Pharmacology*, **1985**, 34, 4131-6	6	12
2	Lung lamellar bodies lack certain key enzymes of phospholipid metabolism. *Lipids*, **1976**, 11, 109-12	1.6	56
1	Lung surfactant synthesis: a Ca++-dependent microsomal phospholipase A2 in the lung. *Biochemical and Biophysical Research Communications*, **1975**, 64, 128-35	3.4	77