

# Agustina Garca

## List of Publications by Citations

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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	Synthesis of nitric oxide in CNS glial cells. <i>Trends in Neurosciences</i> , <b>1993</b> , 16, 323-8	13.3	582
42	Different receptors mediate stimulation of nitric oxide-dependent cyclic GMP formation in neurons and astrocytes in culture. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 182, 1362-8	3.4	88
41	Lung surfactant synthesis: a Ca <sup>++</sup> -dependent microsomal phospholipase A2 in the lung. <i>Biochemical and Biophysical Research Communications</i> , <b>1975</b> , 64, 128-35	3.4	77
40	The cyclic GMP-protein kinase G pathway regulates cytoskeleton dynamics and motility in astrocytes. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 216-30	6	66
39	Lung lamellar bodies lack certain key enzymes of phospholipid metabolism. <i>Lipids</i> , <b>1976</b> , 11, 109-12	1.6	56
38	Sildenafil (Viagra) ameliorates clinical symptoms and neuropathology in a mouse model of multiple sclerosis. <i>Acta Neuropathologica</i> , <b>2011</b> , 121, 499-508	14.3	52
37	Altered distribution of RhoA in Alzheimer's disease and AβetaPP overexpressing mice. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 19, 37-56	4.3	51
36	Calcium-dependent nitric oxide formation in glial cells. <i>Brain Research</i> , <b>1995</b> , 686, 160-8	3.7	46
35	Norepinephrine increases cyclic GMP in astrocytes by a mechanism dependent on nitric oxide synthesis. <i>European Journal of Pharmacology</i> , <b>1991</b> , 206, 343-6		44
34	Phosphodiesterase 5 inhibition at disease onset prevents experimental autoimmune encephalomyelitis progression through immunoregulatory and neuroprotective actions. <i>Experimental Neurology</i> , <b>2014</b> , 251, 58-71	5.7	39
33	Cyclic GMP phosphodiesterase inhibition alters the glial inflammatory response, reduces oxidative stress and cell death and increases angiogenesis following focal brain injury. <i>Journal of Neurochemistry</i> , <b>2010</b> , 112, 807-17	6	37
32	Characteristics of nitric oxide synthase type I of rat cerebellar astrocytes. <i>Glia</i> , <b>1996</b> , 18, 224-32	9	37
31	Histamine H1-receptors mediate phosphoinositide hydrolysis in astrocyte-enriched primary cultures. <i>Brain Research</i> , <b>1988</b> , 450, 144-52	3.7	37
30	Beta-amyloid peptides decrease soluble guanylyl cyclase expression in astroglial cells. <i>Neurobiology of Disease</i> , <b>2002</b> , 10, 139-49	7.5	36
29	Regulation by calcium of the nitric oxide/cyclic GMP system in cerebellar granule cells and astroglia in culture. <i>Journal of Neuroscience Research</i> , <b>1997</b> , 49, 333-341	4.4	33
28	Histamine stimulation of cyclic AMP accumulation in astrocyte-enriched and neuronal primary cultures from rat brain. <i>Journal of Neurochemistry</i> , <b>1990</b> , 55, 1592-8	6	29
27	Induction of atypical EAE mediated by transgenic production of IL-6 in astrocytes in the absence of systemic IL-6. <i>Glia</i> , <b>2013</b> , 61, 587-600	9	28

26	Reduced expression of NO-sensitive guanylyl cyclase in reactive astrocytes of Alzheimer disease, Creutzfeldt-Jakob disease, and multiple sclerosis brains. <i>Neurobiology of Disease</i> , <b>2004</b> , 17, 462-72	7.5	27
25	Phosphoinositide hydrolysis mediated by histamine H1-receptors in rat brain cortex. <i>European Journal of Pharmacology</i> , <b>1986</b> , 123, 187-96	5.3	26
24	Glial cells as sources and targets of natriuretic peptides. <i>Neurochemistry International</i> , <b>2010</b> , 57, 367-74	4.4	24
23	AMPA receptors are coupled to the nitric oxide/cyclic GMP pathway in cerebellar astroglial cells. <i>European Journal of Neuroscience</i> , <b>1997</b> , 9, 2497-501	3.5	24
22	NO-sensitive guanylyl cyclase beta1 subunit is peripherally associated to chromosomes during mitosis. Novel role in chromatin condensation and cell cycle progression. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2009</b> , 41, 1719-30	5.6	23
21	Stimulation of nitric oxide-dependent cyclic gmp formation in neurons and astrocytes in culture. <i>Pharmacological Research</i> , <b>1992</b> , 26, 207	10.2	23
20	Secretase-independent and RhoGTPase/PAK/ERK-dependent regulation of cytoskeleton dynamics in astrocytes by NSAIDs and derivatives. <i>Journal of Alzheimer's Disease</i> , <b>2010</b> , 22, 1135-55	4.3	22
19	The ANP-cGMP-protein kinase G pathway induces a phagocytic phenotype but decreases inflammatory gene expression in microglial cells. <i>Glia</i> , <b>2008</b> , 56, 394-411	9	22
18	Interferon-gamma regulates oxidative stress during experimental autoimmune encephalomyelitis. <i>Experimental Neurology</i> , <b>2002</b> , 177, 21-31	5.7	21
17	Interleukin-1 beta and lipopolysaccharide decrease soluble guanylyl cyclase in brain cells: NO-independent destabilization of protein and NO-dependent decrease of mRNA. <i>Journal of Neuroimmunology</i> , <b>2003</b> , 144, 80-90	3.5	20
16	Nitric oxide-dependent and independent down-regulation of NO-sensitive guanylyl cyclase in neural cells. <i>Toxicology Letters</i> , <b>2004</b> , 149, 75-83	4.4	19
15	Dexamethasone up-regulates a constitutive nitric oxide synthase in cerebellar astrocytes but not in granule cells in culture. <i>Journal of Neurochemistry</i> , <b>1995</b> , 64, 447-50	6	18
14	Metallothionein-I+II induction by zinc and copper in primary cultures of rat microglia. <i>Neurochemistry International</i> , <b>1998</b> , 33, 237-42	4.4	17
13	Endothelin stimulates nitric oxide-dependent cyclic GMP formation in rat cerebellar astroglia. <i>NeuroReport</i> , <b>1999</b> , 10, 33-6	1.7	15
12	Metallothioneins I/II are involved in the neuroprotective effect of sildenafil in focal brain injury. <i>Neurochemistry International</i> , <b>2013</b> , 62, 70-8	4.4	13
11	Effect of thyroid state on histamine H1 receptors in adult and developing rat brain. <i>Biochemical Pharmacology</i> , <b>1985</b> , 34, 4131-6	6	12
10	The nitric oxide/cyclic GMP system in astroglial cells. <i>Progress in Brain Research</i> , <b>2001</b> , 132, 325-37	2.9	11
9	[3H]mepyramine binding to histamine H1 receptors in bovine retina. <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 135, 445-50	3.4	11

8	LPS-induced down-regulation of NO-sensitive guanylyl cyclase in astrocytes occurs by proteasomal degradation in clastosomes. <i>Molecular and Cellular Neurosciences</i> , <b>2008</b> , 37, 494-506	4.8	10
7	Regulation of NO-dependent cyclic GMP formation by inflammatory agents in neural cells. <i>Toxicology Letters</i> , <b>2003</b> , 139, 191-8	4.4	10
6	Regulation and function of cyclic GMP-mediated pathways in glial cells. <i>Neurochemical Research</i> , <b>2008</b> , 33, 2427-35	4.6	8
5	Presence and distribution of histaminergic components in rat and bovine retina. <i>Neurochemistry International</i> , <b>1988</b> , 13, 97-104	4.4	8
4	Mechanisms Involved in the Remyelinating Effect of Sildenafil. <i>Journal of NeuroImmune Pharmacology</i> , <b>2018</b> , 13, 6-23	6.9	7
3	HIV-1 coat protein gp120 decreases NO-dependent cyclic GMP accumulation in rat brain astroglia by increasing cyclic GMP phosphodiesterase activity. <i>Neurochemistry International</i> , <b>2004</b> , 45, 937-46	4.4	6
2	Differences in the stimulation of the phosphoinositide cycle by amine neurotransmitters in cultured rat forebrain neurones and astrocytes. <i>Biochemical Pharmacology</i> , <b>1997</b> , 54, 1243-51	6	3
1	NO-sensitive guanylyl cyclase $\beta$ subunit interacts with chromosomes during mitosis: novel role in the regulation of chromatin condensation. <i>BMC Pharmacology</i> , <b>2007</b> , 7,		1