Mara Antonia Baltrons Soler

List of Publications by Year in Descending Order

21 papers	493 citations	15 h-index	22 g-index
25 ext. papers	533 ext. citations	5.7 avg, IF	2.88 L-index

#	Paper	IF	Citations
21	Sildenafil (Viagra) ameliorates clinical symptoms and neuropathology in a mouse model of multiple sclerosis. *Acta Neuropathologica*, **2011**, 121, 499-508	14.3	52
20	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
19	Glial cells as sources and targets of natriuretic peptides. *Neurochemistry International*, **2010**, 57, 367-74	4.4	24
18	Altered distribution of RhoA in Alzheimer's disease and AbetaPP overexpressing mice. *Journal of Alzheimer's Disease*, **2010**, 19, 37-56	4.3	51
17	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
16	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
15	Regulation and function of cyclic GMP-mediated pathways in glial cells. *Neurochemical Research*, **2008**, 33, 2427-35	4.6	8
14	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
13	NO-sensitive guanylyl cyclase β1 subunit interacts with chromosomes during mitosis: novel role in the regulation of chromatin condensation. *BMC Pharmacology*, **2007**, 7,		1
12	Nitric oxide-dependent and independent down-regulation of NO-sensitive guanylyl cyclase in neural cells. *Toxicology Letters*, **2004**, 149, 75-83	4.4	19
11	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
10	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
9	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
8	Beta-amyloid peptides decrease soluble guanylyl cyclase expression in astroglial cells. *Neurobiology of Disease*, **2002**, 10, 139-49	7.5	36
7	The nitric oxide/cyclic GMP system in astroglial cells. *Progress in Brain Research*, **2001**, 132, 325-37	2.9	11
6	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
5	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

4	Regulation by calcium of the nitric oxide/cyclic GMP system in cerebellar granule cells and astroglia in culture **1997**, 49, 333		3
3	Characteristics of nitric oxide synthase type I of rat cerebellar astrocytes. *Glia*, **1996**, 18, 224-32	9	37
2	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
1	Calcium-dependent nitric oxide formation in glial cells. *Brain Research*, **1995**, 686, 160-8	3.7	46