

Mara Antonia Baltrons Soler

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/4483431/maria-antonia-baltrons-soler-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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. <i>Acta Neuropathologica</i> , 2011 , 121, 499-508	14.3	52
20	Altered distribution of RhoA in Alzheimer's disease and AβPP overexpressing mice. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 37-56	4.3	51
19	Calcium-dependent nitric oxide formation in glial cells. <i>Brain Research</i> , 1995 , 686, 160-8	3.7	46
18	Characteristics of nitric oxide synthase type I of rat cerebellar astrocytes. <i>Glia</i> , 1996 , 18, 224-32	9	37
17	Beta-amyloid peptides decrease soluble guanylyl cyclase expression in astroglial cells. <i>Neurobiology of Disease</i> , 2002 , 10, 139-49	7.5	36
16	Regulation by calcium of the nitric oxide/cyclic GMP system in cerebellar granule cells and astroglia in culture. <i>Journal of Neuroscience Research</i> , 1997 , 49, 333-341	4.4	33
15	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> , 2004 , 17, 462-72	7.5	27
14	Glial cells as sources and targets of natriuretic peptides. <i>Neurochemistry International</i> , 2010 , 57, 367-74	4.4	24
13	AMPA receptors are coupled to the nitric oxide/cyclic GMP pathway in cerebellar astroglial cells. <i>European Journal of Neuroscience</i> , 1997 , 9, 2497-501	3.5	24
12	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> , 2009 , 41, 1719-30	5.6	23
11	Secretase-independent and RhoGTPase/PAK/ERK-dependent regulation of cytoskeleton dynamics in astrocytes by NSAIDs and derivatives. <i>Journal of Alzheimer's Disease</i> , 2010 , 22, 1135-55	4.3	22
10	The ANP-cGMP-protein kinase G pathway induces a phagocytic phenotype but decreases inflammatory gene expression in microglial cells. <i>Glia</i> , 2008 , 56, 394-411	9	22
9	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> , 2003 , 144, 80-90	3.5	20
8	Nitric oxide-dependent and independent down-regulation of NO-sensitive guanylyl cyclase in neural cells. <i>Toxicology Letters</i> , 2004 , 149, 75-83	4.4	19
7	Dexamethasone up-regulates a constitutive nitric oxide synthase in cerebellar astrocytes but not in granule cells in culture. <i>Journal of Neurochemistry</i> , 1995 , 64, 447-50	6	18
6	The nitric oxide/cyclic GMP system in astroglial cells. <i>Progress in Brain Research</i> , 2001 , 132, 325-37	2.9	11
5	LPS-induced down-regulation of NO-sensitive guanylyl cyclase in astrocytes occurs by proteasomal degradation in clastosomes. <i>Molecular and Cellular Neurosciences</i> , 2008 , 37, 494-506	4.8	10

4	Regulation and function of cyclic GMP-mediated pathways in glial cells. <i>Neurochemical Research</i> , 2008 , 33, 2427-35	4.6	8
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> , 2004 , 45, 937-46	4.4	6
2	Regulation by calcium of the nitric oxide/cyclic GMP system in cerebellar granule cells and astroglia in culture 1997 , 49, 333		3
1	NO-sensitive guanylyl cyclase β subunit interacts with chromosomes during mitosis: novel role in the regulation of chromatin condensation. <i>BMC Pharmacology</i> , 2007 , 7,		1