

Joan Serratoserda Serda

List of Publications by Citations

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

59
papers

2,132
citations

25
h-index

45
g-index

59
ext. papers

2,307
ext. citations

6.6
avg, IF

4.33
L-index

#	Paper	IF	Citations
59	High-yield isolation of murine microglia by mild trypsinization. <i>Glia</i> , 2003 , 44, 183-9	9	453
58	Adenosine A2A receptor stimulation potentiates nitric oxide release by activated microglia. <i>Journal of Neurochemistry</i> , 2005 , 95, 919-29	6	117
57	Nuclear translocation of glyceraldehyde-3-phosphate dehydrogenase is regulated by acetylation. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 1672-80	5.6	81
56	Modelling neuroinflammation in vitro: a tool to test the potential neuroprotective effect of anti-inflammatory agents. <i>PLoS ONE</i> , 2012 , 7, e45227	3.7	80
55	Upregulation of CCAAT/enhancer binding protein beta in activated astrocytes and microglia. <i>Glia</i> , 2007 , 55, 178-88	9	75
54	Astrocytes enhance lipopolysaccharide-induced nitric oxide production by microglial cells. <i>European Journal of Neuroscience</i> , 2002 , 16, 1275-83	3.5	64
53	Rearrangement of nuclear calmodulin during proliferative liver cell activation. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 150, 1162-9	3.4	62
52	Activation of cdk4 and cdk2 during rat liver regeneration is associated with intranuclear rearrangements of cyclin-cdk complexes. <i>Hepatology</i> , 1999 , 29, 385-95	11.2	57
51	Pro-inflammatory gene expression and neurotoxic effects of activated microglia are attenuated by absence of CCAAT/enhancer binding protein β . <i>Journal of Neuroinflammation</i> , 2011 , 8, 156	10.1	53
50	Distribution of Clostridium perfringens epsilon toxin in the brains of acutely intoxicated mice and its effect upon glial cells. <i>Toxicon</i> , 2007 , 50, 530-40	2.8	53
49	Inhibition of CCAAT/enhancer binding protein β expression by chrysin in microglial cells results in anti-inflammatory and neuroprotective effects. <i>Journal of Neurochemistry</i> , 2010 , 115, 526-36	6	52
48	Comparative study of the distribution of calmodulin kinase II and calcineurin in the mouse brain. <i>Journal of Neuroscience Research</i> , 1999 , 57, 651-662	4.4	49
47	New nuclear functions for calmodulin. <i>Cell Calcium</i> , 1998 , 23, 115-21	4	45
46	Effect of different convulsants on calmodulin levels and proto-oncogene c-fos expression in the central nervous system. <i>Molecular Brain Research</i> , 1992 , 14, 285-92		42
45	Tissue plasminogen activator induces microglial inflammation via a noncatalytic molecular mechanism involving activation of mitogen-activated protein kinases and Akt signaling pathways and AnnexinA2 and Galectin-1 receptors. <i>Glia</i> , 2012 , 60, 526-40	9	41
44	c-fos and ornithine decarboxylase gene expression in brain as early markers of neurotoxicity. <i>Brain Research</i> , 1991 , 544, 291-6	3.7	41
43	Anticonvulsant activity of delta-HCH, calcium channel blockers and calmodulin antagonists in seizures induced by lindane and other convulsant drugs. <i>Brain Research</i> , 1993 , 622, 99-104	3.7	40

42	CD200R1 and CD200 expression are regulated by PPAR- γ in activated glial cells. <i>Glia</i> , 2014 , 62, 982-98	9	39
41	Inhibition of CD200R1 expression by C/EBP β in reactive microglial cells. <i>Journal of Neuroinflammation</i> , 2012 , 9, 165	10.1	36
40	Relationship between beta-AP peptide aggregation and microglial activation. <i>Brain Research</i> , 2002 , 928, 76-84	3.7	35
39	The Ca ²⁺ /calmodulin system in neuronal hyperexcitability. <i>International Journal of Biochemistry and Cell Biology</i> , 2001 , 33, 439-55	5.6	34
38	Presence of calmodulin and calmodulin-binding proteins in the nuclei of brain cells. <i>Journal of Neurochemistry</i> , 1991 , 57, 622-8	6	31
37	Lindane-induced convulsions in NMRI and OF1 mice: antagonism with (+)MK-801 and voltage-dependent calcium channel blockers. <i>Brain Research</i> , 1992 , 593, 209-14	3.7	31
36	PCAF regulates the stability of the transcriptional regulator and cyclin-dependent kinase inhibitor p27 Kip1. <i>Nucleic Acids Research</i> , 2012 , 40, 6520-33	20.1	29
35	The Ca ²⁺ /calmodulin signaling system in the neural response to excitability. Involvement of neuronal and glial cells. <i>Progress in Neurobiology</i> , 1999 , 58, 207-32	10.9	27
34	Concanavalin-A-induced liver injury is severely impaired in mice deficient in P-selectin. <i>Journal of Leukocyte Biology</i> , 2002 , 72, 262-70	6.5	25
33	Differential association of p21Cip1 and p27Kip1 with cyclin E-CDK2 during rat liver regeneration. <i>Journal of Hepatology</i> , 2000 , 33, 266-74	13.4	24
32	Nuclear calmodulin-binding proteins in rat neurons. <i>Journal of Neurochemistry</i> , 1993 , 60, 1422-8	6	24
31	CCAAT/enhancer binding protein β regulates glial proinflammatory gene expression. <i>Neurobiology of Aging</i> , 2013 , 34, 2110-24	5.6	23
30	Expression of C/EBP α and C/EBP β in glial cells in vitro after inducing glial activation by different stimuli. <i>Neuroscience Letters</i> , 2006 , 410, 25-30	3.3	22
29	C/EBP β expression in activated microglia in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2012 , 33, 2186-99	5.6	21
28	Structural, kinetic and cytotoxicity aspects of 12-28 beta-amyloid protein fragment: a reappraisal. <i>Journal of Peptide Science</i> , 2002 , 8, 578-88	2.1	21
27	CCAAT/enhancer binding protein delta in microglial activation. <i>Journal of Neuroscience Research</i> , 2010 , 88, 1113-23	4.4	20
26	Effects of beta-AP peptides on activation of the transcription factor NF-kappaB and in cell proliferation in glial cell cultures. <i>Neuroscience Research</i> , 2004 , 48, 315-23	2.9	20
25	The proteasome inhibitor bortezomib reduced β cholesterol accumulation in fibroblasts from Niemann-Pick type C patients carrying missense mutations. <i>FEBS Journal</i> , 2014 , 281, 4450-66	5.7	18

24	Decreased expression of calmodulin kinase II and calcineurin messenger RNAs in the mouse hippocampus after kainic acid-induced seizures. <i>Journal of Neurochemistry</i> , 1998 , 70, 1600-8	6	18
23	The p21(Cip1) protein, a cyclin inhibitor, regulates the levels and the intracellular localization of CDC25A in mice regenerating livers. <i>Hepatology</i> , 2002 , 35, 1063-71	11.2	18
22	Increase in a 55-kDa keratin-like protein in the nuclear matrix of rat liver cells during proliferative activation. <i>Experimental Cell Research</i> , 1990 , 186, 346-53	4.2	18
21	Role of p27 as a transcriptional regulator. <i>Oncotarget</i> , 2018 , 9, 26259-26278	3.3	18
20	CCAAT/enhancer binding protein-alpha is down-regulated by toll-like receptor agonists in microglial cells. <i>Journal of Neuroscience Research</i> , 2007 , 85, 985-93	4.4	17
19	Effect of hexachlorocyclohexane isomers on calmodulin mRNA expression in the central nervous system. <i>Molecular Brain Research</i> , 1995 , 30, 279-86		17
18	Alterations in CD200-CD200R1 System during EAE Already Manifest at Presymptomatic Stages. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 129	6.1	16
17	Glial activation modulates glutamate neurotoxicity in cerebellar granule cell cultures. <i>Glia</i> , 2004 , 45, 258-68	9	13
16	Role of calmodulin in the differentiation/activation of microglial cells. <i>Brain Research</i> , 2001 , 902, 101-7	3.7	13
15	Effect of lindane on the myelination process in the rat. <i>Neurotoxicology and Teratology</i> , 1990 , 12, 577-83	3.9	13
14	Myeloid C/EBP β deficiency reshapes microglial gene expression and is protective in experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2017 , 14, 54	10.1	12
13	Upregulation of p21Cip1 in activated glial cells. <i>Glia</i> , 2009 , 57, 524-34	9	11
12	Absence of the cell cycle inhibitor p21Cip1 reduces LPS-induced NO release and activation of the transcription factor NF-kappaB in mixed glial cultures. <i>Glia</i> , 2005 , 49, 52-8	9	9
11	Changes in sinusoidal plasma membrane enzyme activities during the pre-replicative phase of liver regeneration. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986 , 861, 381-4	3.8	8
10	Mitotic coincidence of chick embryo hepatocytes in vivo and the transition probability model of the cell cycle. <i>Nature</i> , 1978 , 273, 50-2	50.4	8
9	Calmodulin may decrease cell surface sialic acid and be involved in the expression of fibronectin during liver regeneration. <i>FEBS Letters</i> , 1986 , 208, 418-22	3.8	7
8	Reserpine potentiates NMDA-induced c-fos mRNA expression in the mouse brain. <i>Neuroscience Letters</i> , 1996 , 212, 147-50	3.3	5
7	Isolation of rat liver spectrin and identification of functional domains. <i>BBA - Proteins and Proteomics</i> , 1990 , 1039, 73-80		5

6	p27 regulates alpha-synuclein expression. <i>Oncotarget</i> , 2018 , 9, 16368-16379	3.3	5
5	Parkinsonian neurotoxicants impair the anti-inflammatory response induced by IL4 in glial cells: involvement of the CD200-CD200R1 ligand-receptor pair. <i>Scientific Reports</i> , 2020 , 10, 10650	4.9	4
4	Excitotoxic and apoptotic neuronal death induce different patterns of glial activation in vitro. <i>Journal of Neurochemistry</i> , 2005 , 94, 226-37	6	4
3	Calcium transport from blood into the bile in normal and regenerating rat liver. <i>Cell Biochemistry and Function</i> , 1987 , 5, 37-46	4.2	3
2	The CD200R1 microglial inhibitory receptor as a therapeutic target in the MPTP model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2021 , 18, 88	10.1	3
1	Parkinsonian Neurotoxins Impair the Pro-inflammatory Response of Glial Cells. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 479	6.1	2