

# Joan Serratos Serda

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,483  
citations

218381

26  
h-index

197535

49  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3753  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-yield isolation of murine microglia by mild trypsinization. <i>Glia</i> , 2003, 44, 183-189.	2.5	529
2	Adenosine A2A receptor stimulation potentiates nitric oxide release by activated microglia. <i>Journal of Neurochemistry</i> , 2005, 95, 919-929.	2.1	140
3	Nuclear translocation of glyceraldehyde-3-phosphate dehydrogenase is regulated by acetylation. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1672-1680.	1.2	101
4	Modelling Neuroinflammation In Vitro: A Tool to Test the Potential Neuroprotective Effect of Anti-Inflammatory Agents. <i>PLoS ONE</i> , 2012, 7, e45227.	1.1	98
5	Upregulation of CCAAT/enhancer binding protein $\beta$ in activated astrocytes and microglia. <i>Glia</i> , 2007, 55, 178-188.	2.5	89
6	Astrocytes enhance lipopolysaccharide-induced nitric oxide production by microglial cells. <i>European Journal of Neuroscience</i> , 2002, 16, 1275-1283.	1.2	71
7	Inhibition of CCAAT/enhancer binding protein $\beta$ expression by chrysin in microglial cells results in anti-inflammatory and neuroprotective effects. <i>Journal of Neurochemistry</i> , 2010, 115, 526-536.	2.1	68
8	Pro-inflammatory gene expression and neurotoxic effects of activated microglia are attenuated by absence of CCAAT/enhancer binding protein $\beta$ . <i>Journal of Neuroinflammation</i> , 2011, 8, 156.	3.1	67
9	Rearrangement of nuclear calmodulin during proliferative liver cell activation. <i>Biochemical and Biophysical Research Communications</i> , 1988, 150, 1162-1169.	1.0	64
10	Activation of Cdk4 and Cdk2 during rat liver regeneration is associated with intranuclear rearrangements of cyclin-Cdk complexes. <i>Hepatology</i> , 1999, 29, 385-395.	3.6	61
11	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.	1.3	60
12	Distribution of <i>Clostridium perfringens</i> epsilon toxin in the brains of acutely intoxicated mice and its effect upon glial cells. <i>Toxicon</i> , 2007, 50, 530-540.	0.8	56
13	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, 526-540.	2.5	54
14	CD200R1 and CD200 expression are regulated by PPAR $\beta$ in activated glial cells. <i>Glia</i> , 2014, 62, 982-998.	2.5	49
15	New nuclear functions for calmodulin. <i>Cell Calcium</i> , 1998, 23, 115-121.	1.1	48
16	The Ca <sup>2+</sup> /calmodulin system in neuronal hyperexcitability. <i>International Journal of Biochemistry and Cell Biology</i> , 2001, 33, 439-455.	1.2	46
17	c-fos and ornithine decarboxylase gene expression in brain as early markers of neurotoxicity. <i>Brain Research</i> , 1991, 544, 291-296.	1.1	44
18	Anticonvulsant activity of $\beta$ -HCH, calcium channel blockers and calmodulin antagonists in seizures induced by lindane and other convulsant drugs. <i>Brain Research</i> , 1993, 622, 99-104.	1.1	44

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19	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, 285-292.	2.5	43
20	Inhibition of CD200R1 expression by C/EBP beta in reactive microglial cells. <i>Journal of Neuroinflammation</i> , 2012, 9, 165.	3.1	38
21	Relationship between $\hat{I}^2$ -AP peptide aggregation and microglial activation. <i>Brain Research</i> , 2002, 928, 76-84.	1.1	36
22	Lindane-induced convulsions in NMRI and OF1 mice: antagonism with (+) MK-801 and voltage-dependent calcium channel blockers. <i>Brain Research</i> , 1992, 593, 209-214.	1.1	34
23	Presence of Calmodulin and Calmodulin-Binding Proteins in the Nuclei of Brain Cells. <i>Journal of Neurochemistry</i> , 1991, 57, 622-628.	2.1	32
24	Role of p27Kip1 as a transcriptional regulator. <i>Oncotarget</i> , 2018, 9, 26259-26278.	0.8	32
25	PCAF regulates the stability of the transcriptional regulator and cyclin-dependent kinase inhibitor p27Kip1. <i>Nucleic Acids Research</i> , 2012, 40, 6520-6533.	6.5	31
26	The Ca <sup>2+</sup> /calmodulin signaling system in the neural response to excitability. involvement of neuronal and glial cells. <i>Progress in Neurobiology</i> , 1999, 58, 207-232.	2.8	30
27	CCAAT/enhancer binding protein $\hat{I}$ regulates glial proinflammatory gene expression. <i>Neurobiology of Aging</i> , 2013, 34, 2110-2124.	1.5	28
28	Concanavalin-A-induced liver injury is severely impaired in mice deficient in P-selectin. <i>Journal of Leukocyte Biology</i> , 2002, 72, 262-70.	1.5	26
29	Nuclear Calmodulin-Binding Proteins in Rat Neurons. <i>Journal of Neurochemistry</i> , 1993, 60, 1422-1428.	2.1	25
30	Differential association of p21 Cip1 and p27 Kip1 with cyclin E-CDK2 during rat liver regeneration. <i>Journal of Hepatology</i> , 2000, 33, 266-274.	1.8	25
31	C/EBP $\hat{I}^2$ expression in activated microglia in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2012, 33, 2186-2199.	1.5	25
32	The proteasome inhibitor bortezomib reduced cholesterol accumulation in fibroblasts from Niemann-Pick type C patients carrying missense mutations. <i>FEBS Journal</i> , 2014, 281, 4450-4466.	2.2	24
33	Alterations in CD200-CD200R1 System during EAE Already Manifest at Presymptomatic Stages. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 129.	1.8	24
34	Effects of $\hat{I}^2$ -AP peptides on activation of the transcription factor NF- $\hat{I}^B$ and in cell proliferation in glial cell cultures. <i>Neuroscience Research</i> , 2004, 48, 315-323.	1.0	23
35	Structural, kinetic and cytotoxicity aspects of 12-28 $\hat{I}$ -amyloid protein fragment: a reappraisal. <i>Journal of Peptide Science</i> , 2002, 8, 578-588.	0.8	22
36	Expression of C/EBP $\hat{I}^{\pm}$ and C/EBP $\hat{I}^2$ in glial cells in vitro after inducing glial activation by different stimuli. <i>Neuroscience Letters</i> , 2006, 410, 25-30.	1.0	22

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37	CCAAT/enhancer binding protein delta in microglial activation. <i>Journal of Neuroscience Research</i> , 2010, 88, 1113-1123.	1.3	22
38	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, 1600-1608.	2.1	21
39	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, 346-353.	1.2	20
40	The p21Cip1 protein, a cyclin inhibitor, regulates the levels and the intracellular localization of CDC25A in mice regenerating livers. <i>Hepatology</i> , 2002, 35, 1063-1071.	3.6	19
41	CCAAT/enhancer binding protein-1 is down-regulated by toll-like receptor agonists in microglial cells. <i>Journal of Neuroscience Research</i> , 2007, 85, 985-993.	1.3	19
42	Myeloid C/EBP $\beta$ deficiency reshapes microglial gene expression and is protective in experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2017, 14, 54.	3.1	18
43	Effect of hexachlorocyclohexane isomers on calmodulin mRNA expression in the central nervous system. <i>Molecular Brain Research</i> , 1995, 30, 279-286.	2.5	17
44	Role of calmodulin in the differentiation/activation of microglial cells. <i>Brain Research</i> , 2001, 902, 101-107.	1.1	15
45	Effect of lindane on the myelination process in the rat. <i>Neurotoxicology and Teratology</i> , 1990, 12, 577-583.	1.2	14
46	Glial activation modulates glutamate neurotoxicity in cerebellar granule cell cultures. <i>Glia</i> , 2004, 45, 258-268.	2.5	13
47	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.	3.1	13
48	Upregulation of p21 <sup>Cip1</sup> in activated glial cells. <i>Glia</i> , 2009, 57, 524-534.	2.5	12
49	Absence of the cell cycle inhibitor p21Cip1 reduces LPS-induced NO release and activation of the transcription factor NF- $\kappa$ B in mixed glial cultures. <i>Glia</i> , 2005, 49, 52-58.	2.5	11
50	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.	1.6	9
51	Mitotic coincidence of chick embryo hepatocytes in vivo and the transition probability model of the cell cycle. <i>Nature</i> , 1978, 273, 50-52.	13.7	8
52	Changes in sinusoidal plasma membrane enzyme activities during the pre-replicative phase of liver regeneration. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 861, 381-384.	1.4	8
53	Calmodulin may decrease cell surface sialic acid and be involved in the expression of fibronectin during liver regeneration. <i>FEBS Letters</i> , 1986, 208, 418-422.	1.3	8
54	p27Kip1 regulates alpha-synuclein expression. <i>Oncotarget</i> , 2018, 9, 16368-16379.	0.8	6

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55	Isolation of rat liver spectrin and identification of functional domains. BBA - Proteins and Proteomics, 1990, 1039, 73-80.	2.1	5
56	Reserpine potentiates NMDA-induced c-fos mRNA expression in the mouse brain. Neuroscience Letters, 1996, 212, 147-150.	1.0	5
57	Excitotoxic and apoptotic neuronal death induce different patterns of glial activation in vitro. Journal of Neurochemistry, 2005, 94, 226-237.	2.1	5
58	Calcium transport from blood into the bile in normal and regenerating rat liver. Cell Biochemistry and Function, 1987, 5, 37-46.	1.4	3
59	Parkinsonian Neurotoxins Impair the Pro-inflammatory Response of Glial Cells. Frontiers in Molecular Neuroscience, 2019, 11, 479.	1.4	3