

# Joan Salls

## List of Publications by Citations

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52  
papers

952  
citations

18  
h-index

29  
g-index

57  
ext. papers

1,047  
ext. citations

4.6  
avg, IF

3.48  
L-index

#	Paper	IF	Citations
52	Tadalafil crosses the blood-brain barrier and reverses cognitive dysfunction in a mouse model of AD. <i>Neuropharmacology</i> , <b>2013</b> , 64, 114-23	5.5	109
51	Distribution and neurochemical characterization of neurons expressing GIRK channels in the rat brain. <i>Journal of Comparative Neurology</i> , <b>2008</b> , 510, 581-606	3.4	63
50	Simultaneous determination of citalopram, fluoxetine and their main metabolites in human urine samples by solid-phase microextraction coupled with high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 46, 763-70	3.5	61
49	Characterization of CB1 cannabinoid receptor immunoreactivity in postmortem human brain homogenates. <i>Neuroscience</i> , <b>2006</b> , 140, 635-43	3.9	49
48	Design, synthesis and pharmacological evaluation of 5-hydroxytryptamine(1a) receptor ligands to explore the three-dimensional structure of the receptor. <i>Molecular Pharmacology</i> , <b>2002</b> , 62, 15-21	4.3	47
47	Determination of fluoxetine, norfluoxetine and their enantiomers in rat plasma and brain samples by liquid chromatography with fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 852, 519-28	3.2	46
46	Opposite changes in cannabinoid CB1 and CB2 receptor expression in human gliomas. <i>Neurochemistry International</i> , <b>2010</b> , 56, 829-33	4.4	39
45	Allosteric modulation of 5-HT(1A) receptors by zinc: Binding studies. <i>Neuropharmacology</i> , <b>2009</b> , 56, 455-62	3.5	34
44	Mechanisms underlying the differential sensitivity to alpha 1-adrenoceptor activation in the bisected rat vas deferens. <i>British Journal of Pharmacology</i> , <b>1991</b> , 102, 439-45	8.6	34
43	Determination of catecholamines and their metabolites in human plasma using liquid chromatography with coulometric multi-electrode cell-design detection. <i>Analytica Chimica Acta</i> , <b>2001</b> , 444, 211-221	6.6	33
42	EBI2 regulates CXCL13-mediated responses by heterodimerization with CXCR5. <i>FASEB Journal</i> , <b>2012</b> , 26, 4841-54	0.9	30
41	Nuclear phospholipase C- $\beta$ and diacylglycerol LIPASE- $\alpha$ in brain cortical neurons. <i>Advances in Biological Regulation</i> , <b>2014</b> , 54, 12-23	6.2	29
40	Cellular neurochemical characterization and subcellular localization of phospholipase C $\beta$ in rat brain. <i>Neuroscience</i> , <b>2012</b> , 222, 239-68	3.9	23
39	Modulation of the phospholipase C activity in rat brain cortical membranes by simultaneous activation of distinct monoaminergic and cholinergic muscarinic receptors. <i>Molecular Brain Research</i> , <b>1993</b> , 20, 111-7		23
38	Regulation of phospholipase C $\beta$ activity by muscarinic acetylcholine and 5-HT(2) receptors in crude and synaptosomal membranes from human cerebral cortex. <i>Neuropharmacology</i> , <b>2001</b> , 40, 686-95	5.5	22
37	Paraxanthine displaces the binding of [3H]SCH 23390 from rat striatal membranes. <i>European Journal of Pharmacology</i> , <b>1990</b> , 179, 295-9	5.3	21
36	Brain G protein-dependent signaling pathways in Down syndrome and Alzheimer's disease. <i>Amino Acids</i> , <b>2006</b> , 31, 449-56	3.5	18

35	Transmembrane signaling through phospholipase C in cortical and hippocampal membranes of psychogenetically selected rat lines. <i>Psychopharmacology</i> , <b>2001</b> , 154, 115-25	4.7	18
34	Reduced phospholipase C-beta activity and isoform expression in the cerebellum of TS65Dn mouse: a model of Down syndrome. <i>Journal of Neuroscience Research</i> , <b>2001</b> , 66, 540-50	4.4	18
33	Selective enrichment with alpha 1A- and alpha 1B-adrenoceptor subtypes in rat brain cortical membranes. <i>European Journal of Pharmacology</i> , <b>1994</b> , 266, 301-8		16
32	New Insights into Gene Delivery to Human Neuronal Precursor NT2 Cells: A Comparative Study between Lipoplexes, Nioplexes, and Polyplexes. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 4056-66	5.6	15
31	Validation of an LC-ESI-MS/MS method for the quantitation of phosphodiesterase-5 inhibitors and their main metabolites in rat serum and brain tissue samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 70, 529-33	3.5	15
30	Transmembrane signaling through phospholipase C-beta in the developing human prefrontal cortex. <i>Journal of Neuroscience Research</i> , <b>2006</b> , 84, 13-26	4.4	14
29	Intermittent ethanol exposure during adolescence impairs cannabinoid type 1 receptor-dependent long-term depression and recognition memory in adult mice. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 309-318	8.7	13
28	Analysis of agonism at functional prejunctional alpha 2-adrenoceptors of rat vas deferens using operational and null approaches. <i>European Journal of Pharmacology</i> , <b>1994</b> , 258, 229-38	5.3	12
27	Chronic effects of corticosterone on GIRK1-3 subunits and 5-HT1A receptor expression in rat brain and their reversal by concurrent fluoxetine treatment. <i>European Neuropsychopharmacology</i> , <b>2013</b> , 23, 229-39	1.2	11
26	Gi protein coupling to adenosine A1-A2A receptor heteromers in human brain caudate nucleus. <i>Journal of Neurochemistry</i> , <b>2010</b> , 114, 972-80	6	11
25	Nuclear diacylglycerol lipase- $\beta$ in rat brain cortical neurons: evidence of 2-arachidonoylglycerol production in concert with phospholipase C- $\beta$ activity. <i>Journal of Neurochemistry</i> , <b>2015</b> , 132, 489-503	6	10
24	Effects of St-587 on the alpha-adrenoceptors in the bisected rat vas deferens. <i>Journal of Pharmacy and Pharmacology</i> , <b>1989</b> , 41, 612-6	4.8	10
23	Immunohistochemical localization of CB1 cannabinoid receptors in frontal cortex and related limbic areas in obese Zucker rats: effects of chronic fluoxetine treatment. <i>Brain Research</i> , <b>2008</b> , 1236, 57-72	3.7	10
22	In vivo recovery of alpha 1-adrenoceptors in rat myocardial tissue after alkylation with phenoxybenzamine. <i>European Journal of Pharmacology</i> , <b>1994</b> , 266, 35-42		10
21	Structure-activity relationships among di- and tetramine disulfides related to benextramine. <i>Journal of Medicinal Chemistry</i> , <b>1987</b> , 30, 1186-93	8.3	10
20	Selective up-regulation of cannabinoid CB receptor coupling to G $\alpha$ -proteins in suicide victims with mood disorders. <i>Biochemical Pharmacology</i> , <b>2018</b> , 157, 258-265	6	9
19	Levels of G-protein alpha q/11 subunits and of phospholipase C-beta(1-4), -gamma, and -delta1 isoforms in postmortem human brain caudate and cortical membranes: potential functional implications. <i>Neurochemistry International</i> , <b>2006</b> , 49, 72-9	4.4	7
18	Differential postmortem delay effect on agonist-mediated phospholipase Cbeta activity in human cortical crude and synaptosomal brain membranes. <i>Neurochemical Research</i> , <b>2004</b> , 29, 1461-5	4.6	7

17	Determination of methylarginines in human plasma by HPLC with pre-column derivatization using naphthalenedicarboxaldehyde as fluorogenic agent. <i>Journal of Separation Science</i> , <b>2002</b> , 25, 665-670	3.4	6
16	Effects of chronic antidepressant treatment on alpha 1- and alpha 2-adrenoceptors in the rat anococcygeus muscle. <i>Journal of Neural Transmission</i> , <b>1990</b> , 82, 205-12	4.3	6
15	Highly efficient generation of glutamatergic/cholinergic NT2-derived postmitotic human neurons by short-term treatment with the nucleoside analogue cytosine $\beta$ -D-arabinofuranoside. <i>Stem Cell Research</i> , <b>2016</b> , 16, 541-51	1.6	5
14	The Absence of the Transient Receptor Potential Vanilloid 1 Directly Impacts on the Expression and Localization of the Endocannabinoid System in the Mouse Hippocampus. <i>Frontiers in Neuroanatomy</i> , <b>2021</b> , 15, 645940	3.6	5
13	Modulation of alpha 1-adrenoceptors and functional consequences in the bisected rat vas deferens following chronic inhibition of neuronal noradrenaline uptake. <i>British Journal of Pharmacology</i> , <b>1993</b> , 108, 678-83	8.6	4
12	Effects of Platelet-Rich Plasma on Cellular Populations of the Central Nervous System: The Influence of Donor Age. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
11	Action on noradrenergic transmission of an anticholinesterase: 9-amino-1,2,3,4-tetrahydroacridine. <i>Neuropharmacology</i> , <b>1995</b> , 34, 367-75	5.5	3
10	Modelling the changes induced by chronic desipramine treatment on the factors governing the agonism at prejunctional alpha 2-adrenoceptors. <i>British Journal of Pharmacology</i> , <b>1996</b> , 117, 1286-92	8.6	3
9	BHT-920 and LY-171555 (quinpirole) have similar affinities for striatal D-2 dopamine receptors, and similar affinities for striatal D-1 dopamine receptors. <i>European Journal of Pharmacology</i> , <b>1989</b> , 166, 303-5	5.3	3
8	Differential effects of chronic treatment with mianserin and protryptiline on rat brain cortical alpha 1-adrenoceptors. <i>Brain Research</i> , <b>1989</b> , 498, 366-70	3.7	3
7	Biological and structural effects after intraosseous infiltrations of age-dependent platelet-rich plasma: An in vivo study. <i>Journal of Orthopaedic Research</i> , <b>2020</b> , 38, 1931-1941	3.8	2
6	Levels of Gs $\beta$ short and long), G $\beta$ lf) and G $\beta$ common) subunits, and calcium-sensitive adenylyl cyclase isoforms (1, 5/6, 8) in post-mortem human brain caudate and cortical membranes: comparison with rat brain membranes and potential stoichiometric relationships. <i>Neurochemistry International</i> , <b>2011</b> , 59, 189-96	4.4	2
5	Brain endocannabinoid system is involved in fluoxetine-induced anorexia. <i>Nutritional Neuroscience</i> , <b>2008</b> , 11, 111-8	3.6	2
4	Lack of the Transient Receptor Potential Vanilloid 1 Shifts Cannabinoid-Dependent Excitatory Synaptic Plasticity in the Dentate Gyrus of the Mouse Brain Hippocampus. <i>Frontiers in Neuroanatomy</i> , <b>2021</b> , 15, 701573	3.6	2
3	Data for the morphometric characterization of NT2-derived postmitotic neurons. <i>Data in Brief</i> , <b>2016</b> , 7, 1349-54	1.2	1
2	Solid-phase synthesis of imprinted nanoparticles as artificial antibodies against the C-terminus of the cannabinoid CB1 receptor: exploring a viable alternative for bioanalysis. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 368	5.8	1
1	Fit-for-purpose based testing and validation of antibodies to amino- and carboxy-terminal domains of cannabinoid receptor 1. <i>Histochemistry and Cell Biology</i> , <b>2021</b> , 156, 479-502	2.4	1