Joan Salls

List of Publications by Year in Descending Order

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	Solid-phase synthesis of imprinted nanoparticles as artificial antibodies against the C-terminus of the cannabinoid CB1 receptor: exploring a viable alternative for bioanalysis. *Mikrochimica Acta*, **2021**, 188, 368	5.8	1
51	The Absence of the Transient Receptor Potential Vanilloid 1 Directly Impacts on the Expression and Localization of the Endocannabinoid System in the Mouse Hippocampus. *Frontiers in Neuroanatomy* , **2021**, 15, 645940	3.6	5
50	Effects of Platelet-Rich Plasma on Cellular Populations of the Central Nervous System: The Influence of Donor Age. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
49	Lack of the Transient Receptor Potential Vanilloid 1 Shifts Cannabinoid-Dependent Excitatory Synaptic Plasticity in the Dentate Gyrus of the Mouse Brain Hippocampus. *Frontiers in Neuroanatomy*, **2021**, 15, 701573	3.6	2
48	Fit-for-purpose based testing and validation of antibodies to amino- and carboxy-terminal domains of cannabinoid receptor 1. *Histochemistry and Cell Biology*, **2021**, 156, 479-502	2.4	1
47	Biological and structural effects after intraosseous infiltrations of age-dependent platelet-rich plasma: An in vivo study. *Journal of Orthopaedic Research*, **2020**, 38, 1931-1941	3.8	2
46	Intermittent ethanol exposure during adolescence impairs cannabinoid type 1 receptor-dependent long-term depression and recognition memory in adult mice. *Neuropsychopharmacology*, **2020**, 45, 309-318	8.7	13
45	Selective up-regulation of cannabinoid CB receptor coupling to Go-proteins in suicide victims with mood disorders. *Biochemical Pharmacology*, **2018**, 157, 258-265	6	9
44	Highly efficient generation of glutamatergic/cholinergic NT2-derived postmitotic human neurons by short-term treatment with the nucleoside analogue cytosine D-arabinofuranoside. *Stem Cell Research*, **2016**, 16, 541-51	1.6	5
43	Data for the morphometric characterization of NT2-derived postmitotic neurons. *Data in Brief*, **2016**, 7, 1349-54	1.2	1
42	New Insights into Gene Delivery to Human Neuronal Precursor NT2 Cells: A Comparative Study between Lipoplexes, Nioplexes, and Polyplexes. *Molecular Pharmaceutics*, **2015**, 12, 4056-66	5.6	15
41	Nuclear diacylglycerol lipase- in rat brain cortical neurons: evidence of 2-arachidonoylglycerol production in concert with phospholipase C- activity. *Journal of Neurochemistry*, **2015**, 132, 489-503	6	10
40	Nuclear phospholipase C- and diacylglycerol LIPASE- in brain cortical neurons. *Advances in Biological Regulation*, **2014**, 54, 12-23	6.2	29
39	Chronic effects of corticosterone on GIRK1-3 subunits and 5-HT1A receptor expression in rat brain and their reversal by concurrent fluoxetine treatment. *European Neuropsychopharmacology*, **2013**, 23, 229-39	1.2	11
38	Tadalafil crosses the blood-brain barrier and reverses cognitive dysfunction in a mouse model of AD. *Neuropharmacology*, **2013**, 64, 114-23	5.5	109
37	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. *Journal of Pharmaceutical and Biomedical Analysis*, **2012**, 70, 529-33	3.5	15
36	Cellular neurochemical characterization and subcellular localization of phospholipase C in rat brain. *Neuroscience*, **2012**, 222, 239-68	3.9	23

35	EBI2 regulates CXCL13-mediated responses by heterodimerization with CXCR5. *FASEB Journal*, **2012**, 26, 4841-54	0.9	30
34	Levels of Gs(short and long), G(olf) and G(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. *Neurochemistry International*, **2011**, 58, 180-9	4.4	2
33	Gi protein coupling to adenosine A1-A2A receptor heteromers in human brain caudate nucleus. *Journal of Neurochemistry*, **2010**, 114, 972-80	6	11
32	Opposite changes in cannabinoid CB1 and CB2 receptor expression in human gliomas. *Neurochemistry International*, **2010**, 56, 829-33	4.4	39
31	Allosteric modulation of 5-HT(1A) receptors by zinc: Binding studies. *Neuropharmacology*, **2009**, 56, 455-62	5.5	34
30	Immunohistochemical localization of CB1 cannabinoid receptors in frontal cortex and related limbic areas in obese Zucker rats: effects of chronic fluoxetine treatment. *Brain Research*, **2008**, 1236, 57-72	3.7	10
29	Brain endocannabinoid system is involved in fluoxetine-induced anorexia. *Nutritional Neuroscience*, **2008**, 11, 111-8	3.6	2
28	Simultaneous determination of citalopram, fluoxetine and their main metabolites in human urine samples by solid-phase microextraction coupled with high-performance liquid chromatography. *Journal of Pharmaceutical and Biomedical Analysis*, **2008**, 46, 763-70	3.5	61
27	Distribution and neurochemical characterization of neurons expressing GIRK channels in the rat brain. *Journal of Comparative Neurology*, **2008**, 510, 581-606	3.4	63
26	Determination of fluoxetine, norfluoxetine and their enantiomers in rat plasma and brain samples by liquid chromatography with fluorescence detection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2007**, 852, 519-28	3.2	46
25	Transmembrane signaling through phospholipase C-beta in the developing human prefrontal cortex. *Journal of Neuroscience Research*, **2006**, 84, 13-26	4.4	14
24	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. *Neurochemistry International*, **2006**, 49, 72-9	4.4	7
23	Characterization of CB1 cannabinoid receptor immunoreactivity in postmortem human brain homogenates. *Neuroscience*, **2006**, 140, 635-43	3.9	49
22	Brain G protein-dependent signaling pathways in Down syndrome and Alzheimer's disease. *Amino Acids*, **2006**, 31, 449-56	3.5	18
21	Differential postmortem delay effect on agonist-mediated phospholipase Cbeta activity in human cortical crude and synaptosomal brain membranes. *Neurochemical Research*, **2004**, 29, 1461-5	4.6	7
20	Determination of methylarginines in human plasma by HPLC with pre-column derivatization using naphthalenedicarboxaldehyde as fluorogenic agent. *Journal of Separation Science*, **2002**, 25, 665-670	3.4	6
19	Design, synthesis and pharmacological evaluation of 5-hydroxytryptamine(1a) receptor ligands to explore the three-dimensional structure of the receptor. *Molecular Pharmacology*, **2002**, 62, 15-21	4.3	47
18	Transmembrane signaling through phospholipase C in cortical and hippocampal membranes of psychogenetically selected rat lines. *Psychopharmacology*, **2001**, 154, 115-25	4.7	18

17	Reduced phospholipase C-beta activity and isoform expression in the cerebellum of TS65Dn mouse: a model of Down syndrome. *Journal of Neuroscience Research*, **2001**, 66, 540-50	4.4	18
16	Determination of catecholamines and their metabolites in human plasma using liquid chromatography with coulometric multi-electrode cell-design detection. *Analytica Chimica Acta*, **2001**, 444, 211-221	6.6	33
15	Regulation of phospholipase Cbeta activity by muscarinic acetylcholine and 5-HT(2) receptors in crude and synaptosomal membranes from human cerebral cortex. *Neuropharmacology*, **2001**, 40, 686-95	5.5	22
14	Modelling the changes induced by chronic desipramine treatment on the factors governing the agonism at prejunctional alpha 2-adrenoceptors. *British Journal of Pharmacology*, **1996**, 117, 1286-92	8.6	3
13	Action on noradrenergic transmission of an anticholinesterase: 9-amino-1,2,3,4-tetrahydroacridine. *Neuropharmacology*, **1995**, 34, 367-75	5.5	3
12	Selective enrichment with alpha 1A- and alpha 1B-adrenoceptor subtypes in rat brain cortical membranes. *European Journal of Pharmacology*, **1994**, 266, 301-8		16
11	In vivo recovery of alpha 1-adrenoceptors in rat myocardial tissue after alkylation with phenoxybenzamine. *European Journal of Pharmacology*, **1994**, 266, 35-42		10
10	Analysis of agonism at functional prejunctional alpha 2-adrenoceptors of rat vas deferens using operational and null approaches. *European Journal of Pharmacology*, **1994**, 258, 229-38	5.3	12
9	Modulation of alpha 1-adrenoceptors and functional consequences in the bisected rat vas deferens following chronic inhibition of neuronal noradrenaline uptake. *British Journal of Pharmacology*, **1993**, 108, 678-83	8.6	4
8	Modulation of the phospholipase C activity in rat brain cortical membranes by simultaneous activation of distinct monoaminergic and cholinergic muscarinic receptors. *Molecular Brain Research* , **1993**, 20, 111-7		23
7	Mechanisms underlying the differential sensitivity to alpha 1-adrenoceptor activation in the bisected rat vas deferens. *British Journal of Pharmacology*, **1991**, 102, 439-45	8.6	34
6	Effects of chronic antidepressant treatment on alpha 1- and alpha 2-adrenoceptors in the rat anococcygeus muscle. *Journal of Neural Transmission*, **1990**, 82, 205-12	4.3	6
5	Paraxanthine displaces the binding of [3H]SCH 23390 from rat striatal membranes. *European Journal of Pharmacology*, **1990**, 179, 295-9	5.3	21
4	Effects of St-587 on the alpha-adrenoceptors in the bisected rat vas deferens. *Journal of Pharmacy and Pharmacology*, **1989**, 41, 612-6	4.8	10
3	BHT-920 and LY-171555 (quinpirole) have similar affinities for striatal D-2 dopamine receptors, and similar affinities for striatal D-1 dopamine receptors. *European Journal of Pharmacology*, **1989**, 166, 303-5	5.3	3
2	Differential effects of chronic treatment with mianserin and protryptiline on rat brain cortical alpha 1-adrenoceptors. *Brain Research*, **1989**, 498, 366-70	3.7	3
1	Structure-activity relationships among di- and tetramine disulfides related to benextramine. *Journal of Medicinal Chemistry*, **1987**, 30, 1186-93	8.3	10