

Judith A Siuciak

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.

48
papers

4,755
citations

31
h-index

49
g-index

49
ext. papers

5,074
ext. citations

4.8
avg, IF

4.77
L-index

#	Paper	IF	Citations
48	Antidepressant-like effect of brain-derived neurotrophic factor (BDNF). <i>Pharmacology Biochemistry and Behavior</i> , 1997 , 56, 131-7	3.9	702
47	The Alzheimer's Disease Neuroimaging Initiative: a review of papers published since its inception. <i>Alzheimer's and Dementia</i> , 2012 , 8, S1-68	1.2	368
46	The Alzheimer's Disease Neuroimaging Initiative: a review of papers published since its inception. <i>Alzheimer's and Dementia</i> , 2013 , 9, e111-94	1.2	296
45	Preclinical characterization of selective phosphodiesterase 10A inhibitors: a new therapeutic approach to the treatment of schizophrenia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 325, 681-90	4.7	240
44	Hippocampal mossy fiber sprouting induced by chronic electroconvulsive seizures. <i>Neuroscience</i> , 1999 , 89, 157-66	3.9	239
43	Inhibition of the striatum-enriched phosphodiesterase PDE10A: a novel approach to the treatment of psychosis. <i>Neuropharmacology</i> , 2006 , 51, 386-96	5.5	234
42	Genetic deletion of the striatum-enriched phosphodiesterase PDE10A: evidence for altered striatal function. <i>Neuropharmacology</i> , 2006 , 51, 374-85	5.5	200
41	BDNF increases monoaminergic activity in rat brain following intracerebroventricular or intraparenchymal administration. <i>Brain Research</i> , 1996 , 710, 11-20	3.7	190
40	Performance of heterozygous brain-derived neurotrophic factor knockout mice on behavioral analogues of anxiety, nociception, and depression. <i>Behavioral Neuroscience</i> , 2001 , 115, 1145-1153	2.1	185
39	In situ hybridization of trkB and trkC receptor mRNA in rat forebrain and association with high-affinity binding of [125I]BDNF, [125I]NT-4/5 and [125I]NT-3. <i>European Journal of Neuroscience</i> , 1994 , 6, 1389-405	3.5	181
38	Discovery of a novel class of phosphodiesterase 10A inhibitors and identification of clinical candidate 2-[4-(1-methyl-4-pyridin-4-yl-1H-pyrazol-3-yl)-phenoxy]methyl]-quinoline (PF-2545920) for the treatment of schizophrenia. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 5188-96	8.3	175
37	Plasma biomarkers associated with the apolipoprotein E genotype and Alzheimer disease. <i>Archives of Neurology</i> , 2012 , 69, 1310-7		142
36	Antinociceptive effect of brain-derived neurotrophic factor and neurotrophin-3. <i>Brain Research</i> , 1994 , 633, 326-30	3.7	141
35	CP-809,101, a selective 5-HT _{2C} agonist, shows activity in animal models of antipsychotic activity. <i>Neuropharmacology</i> , 2007 , 52, 279-90	5.5	120
34	Physiological characterization of Taxol-induced large-fiber sensory neuropathy in the rat. <i>Annals of Neurology</i> , 1998 , 43, 46-55	9.4	114
33	BDNF induction of tryptophan hydroxylase mRNA levels in the rat brain. <i>Journal of Neuroscience Research</i> , 1998 , 52, 149-58	4.4	95
32	Behavioral and neurochemical characterization of mice deficient in the phosphodiesterase-4B (PDE4B) enzyme. <i>Psychopharmacology</i> , 2008 , 197, 115-26	4.7	87

31	The role of phosphodiesterases in schizophrenia : therapeutic implications. <i>CNS Drugs</i> , 2008 , 22, 983-93	6.7	78
30	Effects of BDNF infusion on the regulation of TrkB protein and message in adult rat brain. <i>Experimental Neurology</i> , 1997 , 145, 62-70	5.7	77
29	Antipsychotic profile of rolipram: efficacy in rats and reduced sensitivity in mice deficient in the phosphodiesterase-4B (PDE4B) enzyme. <i>Psychopharmacology</i> , 2007 , 192, 415-24	4.7	75
28	BDNF produces analgesia in the formalin test and modifies neuropeptide levels in rat brain and spinal cord areas associated with nociception. <i>European Journal of Neuroscience</i> , 1995 , 7, 663-70	3.5	75
27	Local infusion of brain-derived neurotrophic factor modifies the firing pattern of dorsal raphe serotonergic neurons. <i>Brain Research</i> , 1996 , 712, 293-8	3.7	67
26	Progress on developing endpoints for registrational clinical trials of community-acquired bacterial pneumonia and acute bacterial skin and skin structure infections: update from the Biomarkers Consortium of the Foundation for the National Institutes of Health. <i>Clinical Infectious Diseases</i> , 2012 , 55, 1111-21	11.6	64
25	Autoradiographic localization of 2-[125I]iodomelatonin binding sites in the brains of C3H/HeN and C57BL/6J strains of mice. <i>European Journal of Pharmacology</i> , 1990 , 180, 387-90	5.3	55
24	Behavioral characterization of mice deficient in the phosphodiesterase-10A (PDE10A) enzyme on a C57/Bl6N congenic background. <i>Neuropharmacology</i> , 2008 , 54, 417-27	5.5	50
23	The activity of pramipexole in the mouse forced swim test is mediated by D2 rather than D3 receptors. <i>Psychopharmacology</i> , 2004 , 175, 163-9	4.7	49
22	Behavioral and neurochemical characterization of mice deficient in the phosphodiesterase-1B (PDE1B) enzyme. <i>Neuropharmacology</i> , 2007 , 53, 113-24	5.5	48
21	Tolerance to morphine microinjections in the periaqueductal gray (PAG) induces tolerance to systemic, but not intrathecal morphine. <i>Brain Research</i> , 1987 , 424, 311-9	3.7	47
20	Use of structure-based design to discover a potent, selective, in vivo active phosphodiesterase 10A inhibitor lead series for the treatment of schizophrenia. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 4536-47	8.3	46
19	Disruption of the neurokinin-3 receptor (NK3) in mice leads to cognitive deficits. <i>Psychopharmacology</i> , 2007 , 194, 185-95	4.7	45
18	Co-infusion with a TrkB-Fc receptor body carrier enhances BDNF distribution in the adult rat brain. <i>Experimental Neurology</i> , 1998 , 152, 20-33	5.7	45
17	3-Benzyl-1,3-oxazolidin-2-ones as mGluR2 positive allosteric modulators: Hit-to lead and lead optimization. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 2524-9	2.9	29
16	The area of 2-[125I] iodomelatonin binding in the pars tuberalis of the ground squirrel is decreased during hibernation. <i>Brain Research</i> , 1991 , 557, 285-8	3.7	28
15	Monoamines and their precursors and metabolites in the chicken brain, pineal, and retina: regional distribution and day/night variations. <i>Journal of Neurochemistry</i> , 1992 , 58, 722-9	6	26
14	1-[(1-methyl-1H-imidazol-2-yl)methyl]-4-phenylpiperidines as mGluR2 positive allosteric modulators for the treatment of psychosis. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 1724-39	8.3	24

13	Soluble BACE-1 Activity and sAPP β Concentrations in Alzheimer's Disease and Age-Matched Healthy Control Cerebrospinal Fluid from the Alzheimer's Disease Neuroimaging Initiative-1 Baseline Cohort. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 431-40	4.3	23
12	Phosphodiesterase 10A inhibitors as a novel therapeutic approach for schizophrenia. <i>Expert Opinion on Drug Discovery</i> , 2007 , 2, 1001-9	6.2	16
11	Antinociceptive effect of intrathecal morphine in tolerant and nontolerant spinal rats. <i>Pharmacology Biochemistry and Behavior</i> , 1989 , 34, 445-52	3.9	16
10	The synergistic effect of concurrent spinal and supraspinal opiate agonists is reduced by both nociceptive and morphine pretreatment. <i>Pharmacology Biochemistry and Behavior</i> , 1989 , 34, 265-73	3.9	15
9	Effect of pinealectomy and the light/dark cycle on 2-[125I]iodomelatonin binding in the chick optic tectum. <i>Cellular and Molecular Neurobiology</i> , 1993 , 13, 193-202	4.6	12
8	Unilateral optic nerve transection decreases 2-[125I]-iodomelatonin binding in retinorecipient areas and visual pathways of chick brain. <i>Brain Research</i> , 1994 , 654, 63-74	3.7	10
7	Treating neuropsychiatric disorders with PDE10A inhibitors. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006 , 3, 527-532		7
6	Optic nerve transection decreases 2-[125I]iodomelatonin binding in the chick optic tectum. <i>Brain Research</i> , 1992 , 590, 325-8	3.7	6
5	Tolerance to the antinociceptive effect of intrathecal morphine in intact and chronic spinal rats. <i>Behavioral and Neural Biology</i> , 1990 , 54, 191-7		5
4	Localization of 2-[125I]iodomelatonin binding sites in visual areas of the turtle brain. <i>European Journal of Pharmacology</i> , 1996 , 297, 181-5	5.3	3
3	Avian brain epinephrine and 5-hydroxytryptamine: is it still a matter of controversy?. <i>Journal of Neurochemistry</i> , 1992 , 59, 387-8	6	3
2	Localization of high affinity melatonin receptor sites in chicken brain: effect of temperature and guanine nucleotides. <i>European Journal of Pharmacology</i> , 1990 , 183, 2180	5.3	2
1	Phosphodiesterase Inhibitors as a Novel Therapeutic Approach for Schizophrenia	85-113	