

Steven M Simasko

List of Publications by Year in Descending Order

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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.

37
papers

1,069
citations

21
h-index

32
g-index

37
ext. papers

1,112
ext. citations

4
avg, IF

3.95
L-index

#	Paper	IF	Citations
37	Contributing mechanisms underlying desensitization of cholecystokinin-induced activation of primary nodose ganglia neurons. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 318, C787-C796	5.4	2
36	Chronic Alcohol Consumption in Rats Leads to Desynchrony in Diurnal Rhythms and Molecular Clocks. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 291-300	3.7	6
35	Mercaptoacetate and fatty acids exert direct and antagonistic effects on nodose neurons via GPR40 fatty acid receptors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R35-43	3.2	21
34	Capsaicin-sensitive vagal afferent neurons contribute to the detection of pathogenic bacterial colonization in the gut. <i>Journal of Neuroimmunology</i> , 2013 , 257, 36-45	3.5	19
33	Comparative pharmacology of cholecystokinin induced activation of cultured vagal afferent neurons from rats and mice. <i>PLoS ONE</i> , 2012 , 7, e34755	3.7	13
32	Pharmacological investigations of the cellular transduction pathways used by cholecystokinin to activate nodose neurons. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 164, 20-6	2.4	5
31	Expression of transient receptor potential channels and two-pore potassium channels in subtypes of vagal afferent neurons in rat. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, G212-21	5.1	61
30	Role of transient receptor potential channels in cholecystokinin-induced activation of cultured vagal afferent neurons. <i>Endocrinology</i> , 2010 , 151, 5237-46	4.8	20
29	Increased hypothalamic signal transducer and activator of transcription 3 phosphorylation after hindbrain leptin injection. <i>Endocrinology</i> , 2010 , 151, 1509-19	4.8	21
28	Novel analysis of sleep patterns in rats separates periods of vigilance cycling from long-duration wake events. <i>Behavioural Brain Research</i> , 2009 , 196, 228-36	3.4	22
27	Chronic alcohol treatment in rats alters sleep by fragmenting periods of vigilance cycling in the light period with extended awakenings. <i>Behavioural Brain Research</i> , 2009 , 198, 113-24	3.4	25
26	Dose-response study of chronic alcohol induced changes in sleep patterns in rats. <i>Brain Research</i> , 2008 , 1208, 120-7	3.7	18
25	Modulation of vagal afferent excitation and reduction of food intake by leptin and cholecystokinin. <i>Physiology and Behavior</i> , 2006 , 89, 477-85	3.5	96
24	AT4 receptor activation increases intracellular calcium influx and induces a non-N-methyl-D-aspartate dependent form of long-term potentiation. <i>Neuroscience</i> , 2006 , 137, 1369-79	3.9	37
23	Glutamate induces the expression and release of tumor necrosis factor-alpha in cultured hypothalamic cells. <i>Brain Research</i> , 2005 , 1053, 54-61	3.7	27
22	Cholecystokinin activates both A- and C-type vagal afferent neurons. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 285, G1204-13	5.1	31
21	Tumor necrosis factor alpha increases cytosolic calcium responses to AMPA and KCl in primary cultures of rat hippocampal neurons. <i>Brain Research</i> , 2003 , 981, 133-42	3.7	64

20	Cholecystokinin increases cytosolic calcium in a subpopulation of cultured vagal afferent neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 283, R1303-133 ^{3.2}	49
19	Angiotensin II increases intracellular calcium concentration in pig endometrial stromal cells through type 1 angiotensin receptors, but does not stimulate phospholipase C activity or prostaglandin F2alpha secretion. <i>Reproduction, Fertility and Development</i> , 2002 , 14, 199-205	1.8 11
18	GHRH and IL1beta increase cytoplasmic Ca(2+) levels in cultured hypothalamic GABAergic neurons. <i>Brain Research</i> , 2002 , 949, 209-12	3.7 60
17	Diurnal Effects of Acute and Chronic Administration of Ethanol on Sleep in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 1153-1161	3.7 43
16	Diurnal effects of acute and chronic administration of ethanol on sleep in rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 1153-61	3.7 25
15	Effect of ethanol on calcium regulation in rat fetal hypothalamic cells in culture. <i>Brain Research</i> , 1999 , 824, 89-96	3.7 25
14	Intracellular free calcium in response to oxytocin in pig endometrial cells. <i>Molecular and Cellular Endocrinology</i> , 1999 , 155, 77-83	4.4 11
13	Potassium channel blockers have minimal effect on repolarization of spontaneous action potentials in rat pituitary lactotropes. <i>Neuroendocrinology</i> , 1998 , 68, 297-311	5.6 12
12	Role of epidermal growth factor-induced membrane depolarization and resulting calcium influx in osteoblastic cell proliferation. <i>Cell Calcium</i> , 1995 , 17, 301-6	4 16
11	Calcium currents in osteoblastic cells: dependence upon cellular growth stage. <i>Calcified Tissue International</i> , 1994 , 55, 128-33	3.9 32
10	Reevaluation of the electrophysiological actions of thyrotropin-releasing hormone in a rat pituitary cell line (GH3). <i>Endocrinology</i> , 1991 , 128, 2015-26	4.8 38
9	Effect of calcium on membrane potential behavior in a rat pituitary cell line (GH3). <i>Molecular and Cellular Endocrinology</i> , 1991 , 78, 79-86	4.4 5
8	Characterization of a membrane potassium ion conductance in intestinal secretory cells using whole cell patch-clamp and calcium ion-sensitive dye techniques. <i>Methods in Enzymology</i> , 1990 , 192, 309-24 ^{1.7}	3
7	Effects of substance P on nicotinic acetylcholine receptor function in PC12 cells. <i>Journal of Neurochemistry</i> , 1987 , 49, 253-60	6 37
6	Treatment of rats with the TRH analog MK-771. Down-regulation of TRH receptors and behavioral tolerance. <i>Neuropharmacology</i> , 1985 , 24, 157-65	5.5 43
5	Effect of neurotensin, substance P and TRH on the regulation of dopamine receptors in rat brain. <i>European Journal of Pharmacology</i> , 1984 , 106, 653-6	5.3 11
4	Chlordiazepoxide displaces thyrotropin-releasing hormone (TRH) binding. <i>European Journal of Pharmacology</i> , 1984 , 98, 419-23	5.3 32
3	Localization of thyrotropin-releasing hormone (TRH) receptors in the septal nucleus of the rat brain. <i>Brain Research</i> , 1984 , 296, 393-5	3.7 23

2	Characterization and distribution of 3H-(3MeHis ²)thyrotropin releasing hormone receptors in rat brain. <i>Life Sciences</i> , 1982 , 30, 1793-9	6.8	81
1	Effect of septohippocampal lesions on thyrotropin-releasing hormone antagonism of pentobarbital narcosis. <i>Brain Research</i> , 1981 , 222, 253-65	3.7	24