Steven M Simasko

List of Publications by Citations

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	Modulation of vagal afferent excitation and reduction of food intake by leptin and cholecystokinin. *Physiology and Behavior*, **2006**, 89, 477-85	3.5	96
36	Characterization and distribution of 3H-(3MeHis2)thyrotropin releasing hormone receptors in rat brain. *Life Sciences*, **1982**, 30, 1793-9	6.8	81
35	Tumor necrosis factor alpha increases cytosolic calcium responses to AMPA and KCl in primary cultures of rat hippocampal neurons. *Brain Research*, **2003**, 981, 133-42	3.7	64
34	Expression of transient receptor potential channels and two-pore potassium channels in subtypes of vagal afferent neurons in rat. *American Journal of Physiology - Renal Physiology*, **2010**, 298, G212-21	5.1	61
33	GHRH and IL1beta increase cytoplasmic Ca(2+) levels in cultured hypothalamic GABAergic neurons. *Brain Research*, **2002**, 949, 209-12	3.7	60
32	Cholecystokinin increases cytosolic calcium in a subpopulation of cultured vagal afferent neurons. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2002**, 283, R1303-13	3.2	49
31	Diurnal Effects of Acute and Chronic Administration of Ethanol on Sleep in Rats. *Alcoholism: Clinical and Experimental Research*, **2002**, 26, 1153-1161	3.7	43
30	Treatment of rats with the TRH analog MK-771. Down-regulation of TRH receptors and behavioral tolerance. *Neuropharmacology*, **1985**, 24, 157-65	5.5	43
29	Reevaluation of the electrophysiological actions of thyrotropin-releasing hormone in a rat pituitary cell line (GH3). *Endocrinology*, **1991**, 128, 2015-26	4.8	38
28	AT4 receptor activation increases intracellular calcium influx and induces a non-N-methyl-D-aspartate dependent form of long-term potentiation. *Neuroscience*, **2006**, 137, 1369-79	3.9	37
27	Effects of substance P on nicotinic acetylcholine receptor function in PC12 cells. *Journal of Neurochemistry*, **1987**, 49, 253-60	6	37
26	Calcium currents in osteoblastic cells: dependence upon cellular growth stage. *Calcified Tissue International*, **1994**, 55, 128-33	3.9	32
25	Chlordiazepoxide displaces thyrotropin-releasing hormone (TRH) binding. *European Journal of Pharmacology*, **1984**, 98, 419-23	5.3	32
24	Cholecystokinin activates both A- and C-type vagal afferent neurons. *American Journal of Physiology - Renal Physiology*, **2003**, 285, G1204-13	5.1	31
23	Glutamate induces the expression and release of tumor necrosis factor-alpha in cultured hypothalamic cells. *Brain Research*, **2005**, 1053, 54-61	3.7	27
22	Chronic alcohol treatment in rats alters sleep by fragmenting periods of vigilance cycling in the light period with extended wakenings. *Behavioural Brain Research*, **2009**, 198, 113-24	3.4	25
21	Effect of ethanol on calcium regulation in rat fetal hypothalamic cells in culture. *Brain Research*, **1999**, 824, 89-96	3.7	25

20	Diurnal effects of acute and chronic administration of ethanol on sleep in rats. *Alcoholism: Clinical and Experimental Research*, **2002**, 26, 1153-61	3.7	25
19	Effect of septohippocampal lesions on thyrotropin-releasing hormone antagonism of pentobarbital narcosis. *Brain Research*, **1981**, 222, 253-65	3.7	24
18	Localization of thyrotropin-releasing hormone (TRH) receptors in the septal nucleus of the rat brain. *Brain Research*, **1984**, 296, 393-5	3.7	23
17	Novel analysis of sleep patterns in rats separates periods of vigilance cycling from long-duration wake events. *Behavioural Brain Research*, **2009**, 196, 228-36	3.4	22
16	Mercaptoacetate and fatty acids exert direct and antagonistic effects on nodose neurons via GPR40 fatty acid receptors. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R35-43	3.2	21
15	Increased hypothalamic signal transducer and activator of transcription 3 phosphorylation after hindbrain leptin injection. *Endocrinology*, **2010**, 151, 1509-19	4.8	21
14	Role of transient receptor potential channels in cholecystokinin-induced activation of cultured vagal afferent neurons. *Endocrinology*, **2010**, 151, 5237-46	4.8	20
13	Capsaicin-sensitive vagal afferent neurons contribute to the detection of pathogenic bacterial colonization in the gut. *Journal of Neuroimmunology*, **2013**, 257, 36-45	3.5	19
12	Dose-response study of chronic alcohol induced changes in sleep patterns in rats. *Brain Research*, **2008**, 1208, 120-7	3.7	18
11	Role of epidermal growth factor-induced membrane depolarization and resulting calcium influx in osteoblastic cell proliferation. *Cell Calcium*, **1995**, 17, 301-6	4	16
10	Comparative pharmacology of cholecystokinin induced activation of cultured vagal afferent neurons from rats and mice. *PLoS ONE*, **2012**, 7, e34755	3.7	13
9	Potassium channel blockers have minimal effect on repolarization of spontaneous action potentials in rat pituitary lactotropes. *Neuroendocrinology*, **1998**, 68, 297-311	5.6	12
8	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. *Reproduction, Fertility and Development*, **2002**, 14, 199-205	1.8	11
7	Intracellular free calcium in response to oxytocin in pig endometrial cells. *Molecular and Cellular Endocrinology*, **1999**, 155, 77-83	4.4	11
6	Effect of neurotensin, substance P and TRH on the regulation of dopamine receptors in rat brain. *European Journal of Pharmacology*, **1984**, 106, 653-6	5.3	11
5	Chronic Alcohol Consumption in Rats Leads to Desynchrony in Diurnal Rhythms and Molecular Clocks. *Alcoholism: Clinical and Experimental Research*, **2016**, 40, 291-300	3.7	6
4	Pharmacological investigations of the cellular transduction pathways used by cholecystokinin to activate nodose neurons. *Autonomic Neuroscience: Basic and Clinical*, **2011**, 164, 20-6	2.4	5
3	Effect of calcium on membrane potential behavior in a rat pituitary cell line (GH3). *Molecular and Cellular Endocrinology*, **1991**, 78, 79-86	4.4	5

2	Characterization of a membrane potassium ion conductance in intestinal secretory cells using whole cell patch-clamp and calcium ion-sensitive dye techniques. *Methods in Enzymology*, **1990**, 192, 309-24	1.7	3
1	Contributing mechanisms underlying desensitization of cholecystokinin-induced activation of primary nodose ganglia neurons. *American Journal of Physiology - Cell Physiology*, **2020**, 318, C787-C796	5.4	2