

James J Galligan

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.

29
papers

1,832
citations

20
h-index

29
g-index

29
ext. papers

1,933
ext. citations

7.4
avg, IF

4.51
L-index

#	Paper	IF	Citations
29	Endothelin-1 increases vascular superoxide via endothelin(A)-NADPH oxidase pathway in low-renin hypertension. <i>Circulation</i> , 2003 , 107, 1053-8	16.7	283
28	Accurate measurement of intestinal transit in the rat. <i>Journal of Pharmacological Methods</i> , 1981 , 6, 211-7		241
27	State-dependent cross-inhibition between transmitter-gated cation channels. <i>Nature</i> , 2000 , 406, 405-10	50.4	166
26	Multiple mechanisms of fast excitatory synaptic transmission in the enteric nervous system. <i>Journal of the Autonomic Nervous System</i> , 2000 , 81, 97-103		147
25	P2X2 subunits contribute to fast synaptic excitation in myenteric neurons of the mouse small intestine. <i>Journal of Physiology</i> , 2003 , 552, 809-21	3.9	96
24	Non-additive interaction between nicotinic cholinergic and P2X purine receptors in guinea-pig enteric neurons in culture. <i>Journal of Physiology</i> , 1998 , 513 (Pt 3), 685-97	3.9	91
23	Agonist actions of neonicotinoids on nicotinic acetylcholine receptors expressed by cockroach neurons. <i>NeuroToxicology</i> , 2007 , 28, 829-42	4.4	90
22	Peristalsis is impaired in the small intestine of mice lacking the P2X3 subunit. <i>Journal of Physiology</i> , 2003 , 551, 309-22	3.9	88
21	Molecular physiology of enteric opioid receptors. <i>American Journal of Gastroenterology Supplements (Print)</i> , 2014 , 2, 17-21		86
20	NADPH oxidase-derived superoxide augments endothelin-1-induced vasoconstriction in mineralocorticoid hypertension. <i>Hypertension</i> , 2003 , 42, 316-21	8.5	70
19	Enteric P2X receptors as potential targets for drug treatment of the irritable bowel syndrome. <i>British Journal of Pharmacology</i> , 2004 , 141, 1294-302	8.6	56
18	Increased O ₂ ⁻ production and upregulation of ETB receptors by sympathetic neurons in DOCA-salt hypertensive rats. <i>Hypertension</i> , 2004 , 43, 1048-54	8.5	52
17	Gene transfer of endothelial NO synthase and manganese superoxide dismutase on arterial vascular cell adhesion molecule-1 expression and superoxide production in deoxycorticosterone acetate-salt hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 249-55	9.4	45
16	Opioid peptides inhibit intestinal transit in the rat by a central mechanism. <i>European Journal of Pharmacology</i> , 1982 , 85, 61-8	5.3	42
15	Insights into the Role of Opioid Receptors in the GI Tract: Experimental Evidence and Therapeutic Relevance. <i>Handbook of Experimental Pharmacology</i> , 2017 , 239, 363-378	3.2	40
14	Vasopressin induces vascular superoxide via endothelin-1 in mineralocorticoid hypertension. <i>Hypertension</i> , 2003 , 41, 663-8	8.5	30
13	Analysis of fast synaptic pathways in myenteric plexus of guinea pig ileum. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 276, G529-38	5.1	29

12	Activation of ETB receptors increases superoxide levels in sympathetic ganglia in vivo. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 290, R90-5	3.2	27
11	Dynamics of fast synaptic excitation during trains of stimulation in myenteric neurons of guinea-pig ileum. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005 , 117, 67-78	2.4	25
10	GABA(A) receptors on calbindin-immunoreactive myenteric neurons of guinea pig intestine. <i>Journal of the Autonomic Nervous System</i> , 2000 , 78, 122-35		22
9	Sex-related differences in small intestinal transit and serotonin dynamics in high-fat-diet-induced obesity in mice. <i>Experimental Physiology</i> , 2016 , 101, 81-99	2.4	19
8	Cross-inhibition between nicotinic acetylcholine receptors and P2X receptors in myenteric neurons and HEK-293 cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, G1267-76	5.1	16
7	5-HT4 receptor activation facilitates recovery from synaptic rundown and increases transmitter release from single varicosities of myenteric neurons. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, G1376-83	5.1	16
6	Muscarinic receptors couple to modulation of nicotinic ACh receptor desensitization in myenteric neurons. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 285, G37-44	5.1	16
5	Footshock produces analgesia but no gastrointestinal motility effects in the rat. <i>Life Sciences</i> , 1983 , 33 Suppl 1, 473-5	6.8	14
4	Deletion of P2X2 and P2X3 receptor subunits does not alter motility of the mouse colon. <i>Frontiers in Neuroscience</i> , 2010 , 4, 22	5.1	13
3	Optogenetic analysis of neuromuscular transmission in the colon of ChAT-ChR2-YFP BAC transgenic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, G569-G579	5.1	7
2	Dissociation of analgesic and gastrointestinal effects of electroconvulsive shock-released opioids. <i>Brain Research</i> , 1983 , 271, 354-7	3.7	5
1	Regulation of Gastrointestinal Motility 2007 , 1-4		