

James Galligan

List of Publications by Year in descending order

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149
papers

5,196
citations

87723

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149
docs citations

149
times ranked

4388
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In vitro</i> electrochemical measurement of serotonin release in the human jejunum mucosa using a diamond microelectrode. <i>Analyst</i> , The, 2022, 147, 2523-2532.	1.7	2
2	An Electrochemical ATP Biosensor with Enzymes Entrapped within a PEDOT Film. <i>Electroanalysis</i> , 2021, 33, 495-505.	1.5	7
3	Colonic 5-HT ₄ receptors are targets for novel prokinetic drugs. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14125.	1.6	9
4	Spinal cord injury alters purinergic neurotransmission to mesenteric arteries in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H223-H237.	1.5	5
5	The Rat in Neuroscience Research. , 2020, , 1003-1022.		3
6	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.	1.6	14
7	NTPDase1 and -2 are expressed by distinct cellular compartments in the mouse colon and differentially impact colonic physiology and function after DSS colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G314-G332.	1.6	14
8	Cannabinoid-induced relief of hypermotility in a rat model of the irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13613.	1.6	0
9	Effects of high-fat diet on sympathetic neurotransmission in mesenteric arteries from Dahl salt-sensitive rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 222, 102599.	1.4	3
10	5-HT ₃ receptor signaling in serotonin transporter-knockout rats: a female sex-specific animal model of visceral hypersensitivity. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G132-G143.	1.6	15
11	Sympathetic Neurotransmission in Resistance Mesenteric Arteries in Obesity-Related Hypertension. <i>FASEB Journal</i> , 2019, 33, 565.7.	0.2	0
12	Pre-transcriptional fibrotic factor alterations do not contribute to high fat diet associated renal fibrosis in Dahl salt sensitive male rats. <i>FASEB Journal</i> , 2019, 33, lb537.	0.2	0
13	The availability of sympathetic neurotransmitter release for nerve stimulation is enhanced in mesenteric arteries from long-term paraplegic and tetraplegic rats. <i>FASEB Journal</i> , 2019, 33, 746.4.	0.2	0
14	Beneficial actions of microbiota-derived tryptophan metabolites. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13283.	1.6	68
15	Sex Differences in Renal Inflammation and Injury in High-Fat Diet-Fed Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2018, 72, e43-e52.	1.3	33
16	Macrophage-dependent impairment of α_2 -adrenergic autoreceptor inhibition of Ca ²⁺ channels in sympathetic neurons from DOCA-salt but not high-fat diet-induced hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H863-H877.	1.5	13
17	High fat diet increases salt sensitivity and promotes hypertension and kidney inflammation/injury in Dahl salt sensitive rats. <i>FASEB Journal</i> , 2018, 32, 716.16.	0.2	0
18	Sex differences in renal inflammation and injury in high fat diet induced hypertension in Dahl salt sensitive rats. <i>FASEB Journal</i> , 2018, 32, 850.5.	0.2	0

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19	Abstract P344: Vascular Purinergic Neurotransmission is Not Altered in High Fat-Fed Dahl S Hypertension. Hypertension, 2018, 72, .	1.3	0
20	R α -type Ca ²⁺ channels couple to inhibitory neurotransmission to the longitudinal muscle in the guinea pig ileum. Experimental Physiology, 2017, 102, 299-313.	0.9	5
21	5-HT secretion by enterochromaffin cells is a very touching story. Journal of Physiology, 2017, 595, 3-3.	1.3	4
22	Insights into the Role of Opioid Receptors in the GI Tract: Experimental Evidence and Therapeutic Relevance. Handbook of Experimental Pharmacology, 2016, 239, 363-378.	0.9	74
23	Upregulation of L-type calcium channels in colonic inhibitory motoneurons of P/Q-type calcium channel-deficient mice. American Journal of Physiology - Renal Physiology, 2016, 311, G763-G774.	1.6	1
24	Sex-related differences in small intestinal transit and serotonin dynamics in high-fat diet-induced obesity in mice. Experimental Physiology, 2016, 101, 81-99.	0.9	22
25	High-fat diet-induced obesity alters nitric oxide-mediated neuromuscular transmission and smooth muscle excitability in the mouse distal colon. American Journal of Physiology - Renal Physiology, 2016, 311, G210-G220.	1.6	20
26	Reduced Noradrenergic Signaling in the Spleen Capsule in the Absence of CB1 and CB2 Cannabinoid Receptors. Journal of NeuroImmune Pharmacology, 2016, 11, 669-679.	2.1	6
27	<sc>HIV</sc>, opiates, and enteric neuron dysfunction. Neurogastroenterology and Motility, 2015, 27, 449-454.	1.6	14
28	Macrophage depletion lowers blood pressure and restores sympathetic nerve β -adrenergic receptor function in mesenteric arteries of DOCA-salt hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1186-H1197.	1.5	30
29	Targeted Gene Delivery to the Enteric Nervous System Using AAV: A Comparison Across Serotypes and Capsid Mutants. Molecular Therapy, 2015, 23, 488-500.	3.7	38
30	5-HT ₃ Receptor Signaling in a Rat Model of Sex Specific Visceral Hypersensitivity. FASEB Journal, 2015, 29, 851.3.	0.2	0
31	Sex Differences in Jejunal Mucosal 5-HT (serotonin) Availability in a Diet-Induced Obesity (DIO) Mouse Model. FASEB Journal, 2015, 29, 848.5.	0.2	0
32	Corticotropin Releasing Hormone (CRH) Expression in an Animal Model of Visceral Hypersensitivity. FASEB Journal, 2015, 29, 849.3.	0.2	0
33	R α -type Ca ²⁺ Channels Contribute to Neural Control of Murine Colonic Motility. FASEB Journal, 2015, 29, 1002.20.	0.2	0
34	R α -type Calcium Channels Contribute to Colonic Inhibitory Neuromuscular Transmission. FASEB Journal, 2015, 29, 1002.19.	0.2	0
35	Alpha β -Adrenergic Receptor Modulation of Calcium Current is Impaired in Mesenteric Artery Projecting Sympathetic Neurons in DOCA-Salt Hypertensive Rats. FASEB Journal, 2015, 29, 950.5.	0.2	0
36	High-fat Diet Causes Loss of Nitric Oxide Motor Neurons and Impairs Inhibitory Neuromuscular Communication in the Mouse Distal Colon. FASEB Journal, 2015, 29, 1002.7.	0.2	0

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37	Altered L-type Ca ²⁺ channel activity contributes to exacerbated hypoperfusion and mortality in smooth muscle cell BK channel-deficient septic mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R138-R148.	0.9	6
38	Electrochemical activation of diamond microelectrodes: implications for the in vitro measurement of serotonin in the bowel. <i>Analyst, The</i> , 2014, 139, 3160-3166.	1.7	33
39	Molecular Physiology of Enteric Opioid Receptors. <i>American Journal of Gastroenterology Supplements (Print)</i> , 2014, 2, 17-21.	0.7	105
40	Western blot analysis of BK channel β 1-subunit expression should be interpreted cautiously when using commercially available antibodies. <i>Physiological Reports</i> , 2014, 2, e12189.	0.7	14
41	Suramin sensitive P2 receptor is involved in α 1-adrenergic receptor mediated mesenteric arterial constriction in normotensive and DOCA-salt hypertensive rats (1065.9). <i>FASEB Journal</i> , 2014, 28, 1065.9.	0.2	0
42	Increased Catecholamine Secretion from Single Adrenal Chromaffin Cells in DOCA-Salt Hypertension Is Associated with Potassium Channel Dysfunction. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1404-1413.	1.7	12
43	Impaired Function of Prejunctional Adenosine A1 Receptors Expressed by Perivascular Sympathetic Nerves in DOCA-Salt Hypertensive Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 345, 32-40.	1.3	12
44	Visceral hypersensitivity in female but not in male serotonin transporter knockout rats. <i>Neurogastroenterology and Motility</i> , 2013, 25, e373-81.	1.6	24
45	Electrophysiological properties of colon-projecting sensory neurons in male and female serotonin transporter knockout (SERT KO) rats. <i>FASEB Journal</i> , 2013, 27, 1093.29.	0.2	0
46	The 5-HT _{1A} receptor and sympathetic neurotransmission to mesenteric blood vessels in salt-sensitive hypertension. <i>FASEB Journal</i> , 2013, 27, .	0.2	0
47	Differential contribution of pannexin-1 channels to agonist and neurogenic constriction of mesenteric arteries and veins from normotensive and DOCA-salt hypertensive rats. <i>FASEB Journal</i> , 2013, 27, 1092.2.	0.2	0
48	Ovariectomy reduces Visceral Hypersensitivity in Female Serotonin Transporter (SERT) Knockout (KO) Rats. <i>FASEB Journal</i> , 2013, 27, 945.1.	0.2	0
49	Macrophage (M ϕ) Depletion Reduced Vascular Oxidative Stress, Restored α 2 Adrenergic Autoreceptor (α 2AR) Function and Attenuated Blood Pressure Development in Deoxycorticosterone Acetate (DOCA)-salt Hypertensive Rats. <i>FASEB Journal</i> , 2013, 27, 654.20.	0.2	0
50	BKCa channel β 1 subunit deficiency exaggerates microcirculatory dysfunction and mortality in CLP-induced septic mice. <i>FASEB Journal</i> , 2013, 27, 913.27.	0.2	0
51	L-type Ca ²⁺ channels and inhibitory neuromuscular transmission in the gastrointestinal tract. <i>FASEB Journal</i> , 2013, 27, 1093.27.	0.2	0
52	Detection of local serotonin release and clearance in the human small intestine using amperometry. <i>FASEB Journal</i> , 2013, 27, 1157.7.	0.2	0
53	Inhibitory neuromuscular transmission in the mouse distal colon is mediated by SK and calcium activated chloride channels. <i>FASEB Journal</i> , 2013, 27, 1157.5.	0.2	0
54	Macrophage (M ϕ) infiltration and oxidative stress in rat ileum cause loss of nitrergic inhibitory neurons in DOCA-salt hypertensive rats. <i>FASEB Journal</i> , 2013, 27, 1093.28.	0.2	0

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55	Vascular BK Channel Deficiency Exacerbates Organ Damage and Mortality in Endotoxemic Mice. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 207-214.	0.8	15
56	Activation of Colonic Mucosal 5-HT ₄ Receptors Accelerates Propulsive Motility and Inhibits Visceral Hypersensitivity. <i>Gastroenterology</i> , 2012, 142, 844-854.e4.	0.6	224
57	Systematic review: cardiovascular safety profile of 5-HT ₄ agonists developed for gastrointestinal disorders. <i>Alimentary Pharmacology and Therapeutics</i> , 2012, 35, 745-767.	1.9	236
58	Impaired propulsive motility in the distal but not proximal colon of BK channel β_1 -subunit knockout mice. <i>Neurogastroenterology and Motility</i> , 2012, 24, e450-9.	1.6	21
59	Impaired K ⁺ channel function leads to increased catecholamine secretion by adrenal chromaffin cells in DOCA-salt hypertension. <i>FASEB Journal</i> , 2012, 26, 843.3.	0.2	0
60	Pharmacological studies of BK and L-type Ca ²⁺ channel function in mesenteric arteries and veins from obese patients. <i>FASEB Journal</i> , 2012, 26, 870.34.	0.2	0
61	Improvements in the formation of boron-doped diamond coatings on platinum wires using the novel nucleation process (NNP). <i>Diamond and Related Materials</i> , 2011, 20, 75-83.	1.8	11
62	Boron-doped diamond nano microelectrodes for biosensing and in vitro measurements. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 518-540.	0.8	28
63	Large-conductance Ca ²⁺ -activated K ⁺ channel β_1 -subunit knockout mice are not hypertensive. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H476-H485.	1.5	40
64	Interaction between β_1 - and β_2 -adrenoreceptors contributes to enhanced constrictor effects of norepinephrine in mesenteric veins compared to arteries. <i>European Journal of Pharmacology</i> , 2010, 643, 239-246.	1.7	10
65	R-type Ca ²⁺ channels contribute to fast synaptic excitation and action potentials in subsets of myenteric neurons in the guinea pig intestine. <i>Neurogastroenterology and Motility</i> , 2010, 22, e353-e363.	1.6	10
66	Inhibitory neuromuscular transmission to ileal longitudinal muscle predominates in neonatal guinea pigs. <i>Neurogastroenterology and Motility</i> , 2010, 22, 909.	1.6	22
67	Synchronicity, cycles and synaptic signalling in the colon. <i>Journal of Physiology</i> , 2010, 588, 4611-4611.	1.3	0
68	Deletion of P2X ₂ and P2X ₃ receptor subunits does not alter motility of the mouse colon. <i>Frontiers in Neuroscience</i> , 2010, 4, 22.	1.4	13
69	Alterations in sympathetic neuroeffector transmission to mesenteric arteries but not veins in DOCA-salt hypertension. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010, 152, 11-20.	1.4	22
70	The effects of celiac ganglionectomy on sympathetic innervation to the splanchnic organs in the rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010, 154, 66-73.	1.4	46
71	Antioxidant treatment restores prejunctional regulation of purinergic transmission in mesenteric arteries of deoxycorticosterone acetate-salt hypertensive rats. <i>Neuroscience</i> , 2010, 168, 335-345.	1.1	14
72	Electrochemical measurements of serotonin (5-HT) release from the guinea pig mucosa using continuous amperometry with a boron-doped diamond microelectrode. <i>Diamond and Related Materials</i> , 2010, 19, 182-185.	1.8	53

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73	Adventitial Infiltration of Activated Macrophages (M ϕ) in Mesenteric Arteries of DOCA-salt Rats. FASEB Journal, 2010, 24, 955.1.	0.2	0
74	Increased catecholamine content and release from adrenal chromaffin cells of DOCA-salt hypertensive rats. FASEB Journal, 2010, 24, 955.6.	0.2	0
75	Differential Alteration of Sympathetic Norepinephrine Transporter (NET) in Mesenteric Arteries and Veins in DOCA-salt hypertensive rats. FASEB Journal, 2010, 24, 955.9.	0.2	0
76	Cannabinoid signalling in the enteric nervous system. Neurogastroenterology and Motility, 2009, 21, 899-902.	1.6	18
77	Na ^V -gating excitement in the enteric nervous system. Journal of Physiology, 2009, 587, 1377-1377.	1.3	1
78	Localization of NADPH oxidase in sympathetic and sensory ganglion neurons and perivascular nerve fibers. Autonomic Neuroscience: Basic and Clinical, 2009, 151, 90-97.	1.4	26
79	O ₂ -Interacts with Pertussis Toxin-sensitive G α proteins to Disrupt \pm 2 Adrenergic Receptor Function in Sympathetic Nerves Supplying Mesenteric Arteries in DOCA-salt Hypertension. FASEB Journal, 2009, 23, 933.14.	0.2	0
80	P2Y ₂ receptors re-sensitize TRPV1 via PKC activation in kidney projecting sensory neurons. FASEB Journal, 2009, 23, 581.6.	0.2	0
81	Purinergic signaling in the gastrointestinal tract. Purinergic Signalling, 2008, 4, 195-196.	1.1	3
82	Electrochemical monitoring of nitric oxide released by myenteric neurons of the guinea pig ileum. Neurogastroenterology and Motility, 2008, 20, 1243-1250.	1.6	28
83	Diamond microelectrodes for in vitro electroanalytical measurements: current status and remaining challenges. Analyst, The, 2008, 133, 17-24.	1.7	62
84	Impaired Purinergic Neurotransmission to Mesenteric Arteries in Deoxycorticosterone Acetate-Salt Hypertensive Rats. Hypertension, 2008, 52, 322-329.	1.3	16
85	5-HT ₄ receptor activation facilitates recovery from synaptic rundown and increases transmitter release from single varicosities of myenteric neurons. American Journal of Physiology - Renal Physiology, 2008, 294, G1376-G1383.	1.6	19
86	Differential Ca ²⁺ Coupling of Alpha α -Adrenoreceptors in Murine Mesenteric Arteries and Veins. FASEB Journal, 2008, 22, 912.8.	0.2	0
87	Temperature-dependent differences in sympathetic neuroeffector transmission in mesenteric arteries and veins in hypertension. FASEB Journal, 2008, 22, 1168.4.	0.2	0
88	Rat thoracic vena cava ETB receptors re-sensitize faster than venous ETA receptors. FASEB Journal, 2008, 22, 965.11.	0.2	0
89	Impaired arterial β -adrenergic receptor function in DOCA-salt hypertension. FASEB Journal, 2008, 22, 969.11.	0.2	0
90	Comparison of TRPV1 on kidney specific sensory neurons and HEK 293 cells. FASEB Journal, 2008, 22, 937.1.	0.2	0

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91	Interaction between P2Y receptors and TRPV1 on kidney specific sensory neurons. FASEB Journal, 2008, 22, 937.2.	0.2	0
92	In vitro continuous amperometric monitoring of 5-hydroxytryptamine release from enterochromaffin cells of the guinea pig ileum. Analyst, The, 2007, 132, 41-47.	1.7	102
93	High Mucosal Serotonin Availability in Neonatal Guinea Pig Ileum Is Associated With Low Serotonin Transporter Expression. Gastroenterology, 2007, 132, 2438-2447.	0.6	67
94	Differences in sympathetic neuroeffector transmission to rat mesenteric arteries and veins as probed by <i>in vitro</i> continuous amperometry and video imaging. Journal of Physiology, 2007, 584, 819-834.	1.3	38
95	A novel calcium-sensitive potassium conductance is coupled to P2X3 subunit containing receptors in myenteric neurons of guinea pig ileum. Neurogastroenterology and Motility, 2007, 19, 912-922.	1.6	10
96	5-HT ₂ -Adrenoceptors couple to inhibition of R-type calcium currents in myenteric neurons. Neurogastroenterology and Motility, 2007, 19, 845-855.	1.6	15
97	Differential contributions of alpha-1 and alpha-2 adrenoceptors to vasoconstriction in mesenteric arteries and veins of normal and hypertensive mice. Vascular Pharmacology, 2007, 46, 373-382.	1.0	13
98	Interaction between ̂1 and ̂2 adrenergic receptors in mice mesenteric veins and HEK293 cells. FASEB Journal, 2007, 21, A1161.	0.2	2
99	Expression of TRPV1 in sensory and sympathetic neurons innervating kidney. FASEB Journal, 2007, 21, A1405.	0.2	0
100	Interaction of ETA and ETB endothelin receptors expressed in HEK293 cells. FASEB Journal, 2007, 21, A424.	0.2	0
101	Endothelin (ET) receptor interaction does not occur in vena cava from ET _B receptor deficient rats. FASEB Journal, 2007, 21, A517.	0.2	0
102	ETB receptors contribute to venous but not arterial constriction caused by ET _A : studies using ETB receptor deficient rats. FASEB Journal, 2007, 21, A520.	0.2	0
103	In Vitro Continuous Amperometry with a Diamond Microelectrode Coupled with Video Microscopy for Simultaneously Monitoring Endogenous Norepinephrine and Its Effect on the Contractile Response of a Rat Mesenteric Artery. Analytical Chemistry, 2006, 78, 6756-6764.	3.2	68
104	Increased substance P content in nerve fibers associated with mesenteric veins from deoxycorticosterone acetate (DOCA)-salt hypertensive rats. Regulatory Peptides, 2006, 133, 97-104.	1.9	5
105	Impaired alpha ₁ adrenergic autoreceptor modulation of purinergic transmission in mesenteric arteries of DOCA-salt rats. FASEB Journal, 2006, 20, A242.	0.2	3
106	Chronic sympathetic denervation alters vascular smooth muscle contraction to endothelin receptor activation in mesenteric veins. FASEB Journal, 2006, 20, A1107.	0.2	0
107	Diamond microelectrodes for use in biological environments. Journal of Electroanalytical Chemistry, 2005, 583, 56-68.	1.9	81
108	Basic and clinical pharmacology of new motility promoting agents. Neurogastroenterology and Motility, 2005, 17, 643-653.	1.6	118

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109	Vascular reactivity of mesenteric arteries and veins to endothelin-1 in a murine model of high blood pressure. <i>Vascular Pharmacology</i> , 2005, 43, 1-10.	1.0	19
110	Alpha-1B adrenoceptors mediate neurogenic constriction in mesenteric arteries of normotensive and DOCA-salt hypertensive mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 121, 64-73.	1.4	5
111	Impaired function of β_2 -adrenergic autoreceptors on sympathetic nerves associated with mesenteric arteries and veins in DOCA-salt hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H1558-H1564.	1.5	21
112	R-type calcium channels in myenteric neurons of guinea pig small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G134-G142.	1.6	19
113	Increased Reactivity of Murine Mesenteric Veins to Adrenergic Agonists: Functional Evidence Supporting Increased β_1 -Adrenoceptor Reserve in Veins Compared with Arteries. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 350-357.	1.3	18
114	Increased $O_2^{\cdot-}$ Production and Upregulation of ET B Receptors by Sympathetic Neurons in DOCA-Salt Hypertensive Rats. <i>Hypertension</i> , 2004, 43, 1048-1054.	1.3	56
115	Tempol Lowers Blood Pressure and Sympathetic Nerve Activity But Not Vascular $O_2^{\cdot-}$ in DOCA-Salt Rats. <i>Hypertension</i> , 2004, 43, 329-334.	1.3	88
116	Presynaptic modulation of cholinergic and non-cholinergic fast synaptic transmission in the myenteric plexus of guinea pig ileum. <i>Neurogastroenterology and Motility</i> , 2004, 16, 355-364.	1.6	31
117	Pharmacology and function of nicotinic acetylcholine and P2X receptors in the enteric nervous system. <i>Neurogastroenterology and Motility</i> , 2004, 16, 64-70.	1.6	65
118	Function of opioids in the enteric nervous system. <i>Neurogastroenterology and Motility</i> , 2004, 16, 17-28.	1.6	318
119	Enteric P2X receptors as potential targets for drug treatment of the irritable bowel syndrome. <i>British Journal of Pharmacology</i> , 2004, 141, 1294-1302.	2.7	68
120	Signalling mechanism coupled to 5-hydroxytryptamine ₄ receptor-mediated facilitation of fast synaptic transmission in the guinea-pig ileum myenteric plexus. <i>Neurogastroenterology and Motility</i> , 2003, 15, 523-529.	1.6	45
121	P2X ₂ subunits contribute to fast synaptic excitation in myenteric neurons of the mouse small intestine. <i>Journal of Physiology</i> , 2003, 552, 809-821.	1.3	107
122	Endothelin-1 Increases Vascular Superoxide via Endothelin A α -NADPH Oxidase Pathway in Low-Renin Hypertension. <i>Circulation</i> , 2003, 107, 1053-1058.	1.6	309
123	Differential alterations in sympathetic neurotransmission in mesenteric arteries and veins in DOCA-salt hypertensive rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2003, 104, 47-57.	1.4	44
124	Peristalsis is impaired in the small intestine of mice lacking the P2X ₃ subunit. <i>Journal of Physiology</i> , 2003, 551, 309-322.	1.3	98
125	Pharmacological Properties of Nicotinic Acetylcholine Receptors Expressed by Guinea Pig Small Intestinal Myenteric Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 889-897.	1.3	59
126	Pharmacology of synaptic transmission in the enteric nervous system. <i>Current Opinion in Pharmacology</i> , 2002, 2, 623-629.	1.7	72

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127	Ligand-gated ion channels in the enteric nervous system. <i>Neurogastroenterology and Motility</i> , 2002, 14, 611-623.	1.6	122
128	Nicotinic acetylcholine and P2X receptors in the enteric nervous system. <i>Proceedings of the Western Pharmacology Society</i> , 2002, 45, 231-4.	0.1	0
129	Differential localization of P2 receptor subtypes in mesenteric arteries and veins of normotensive and hypertensive rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2001, 296, 478-85.	1.3	22
130	Digestive Disease Week 2001. Gastrointestinal motility. 20-23 May 2001, Atlanta, GA, USA. <i>IDrugs: the Investigational Drugs Journal</i> , 2001, 4, 879-83.	0.7	0
131	State-dependent cross-inhibition between transmitter-gated cation channels. <i>Nature</i> , 2000, 406, 405-410.	13.7	179
132	Mechanisms of Increased Venous Smooth Muscle Tone in Desoxycorticosterone Acetate-Salt Hypertension. <i>Hypertension</i> , 2000, 35, 464-469.	1.3	90
133	GABAA receptors on calbindin-immunoreactive myenteric neurons of guinea pig intestine. <i>Journal of the Autonomic Nervous System</i> , 2000, 78, 122-135.	1.9	23
134	Multiple mechanisms of fast excitatory synaptic transmission in the enteric nervous system. <i>Journal of the Autonomic Nervous System</i> , 2000, 81, 97-103.	1.9	166
135	Analysis of fast synaptic pathways in myenteric plexus of guinea pig ileum. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 276, G529-G538.	1.6	38
136	Nerve terminal nicotinic cholinergic receptors on excitatory motoneurons in the myenteric plexus of guinea pig intestine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1999, 291, 92-8.	1.3	29
137	Non-additive interaction between nicotinic cholinergic and P2X purine receptors in guinea-pig enteric neurons in culture. <i>Journal of Physiology</i> , 1998, 513, 685-697.	1.3	99
138	Mechanisms of excitatory synaptic transmission in the enteric nervous system. <i>Tokai Journal of Experimental and Clinical Medicine</i> , 1998, 23, 129-36.	0.4	7
139	Purinerbic fast excitatory postsynaptic potentials in myenteric neurons of guinea pig: Distribution and pharmacology. <i>Gastroenterology</i> , 1997, 113, 1522-1534.	0.6	89
140	P2X purinoceptors in cultured myenteric neurons of guinea pig small intestine. <i>Journal of Physiology</i> , 1996, 496, 719-729.	1.3	92
141	Electrophysiological studies of 5-hydroxytryptamine receptors on enteric neurons. <i>Behavioural Brain Research</i> , 1995, 73, 199-201.	1.2	53
142	Effects of 5-HT1A and 5-HT4 receptor agonists on slow synaptic potentials in enteric neurons. <i>European Journal of Pharmacology</i> , 1995, 278, 67-74.	1.7	18
143	Pharmacological characterization of purinoceptor-mediated constriction of submucosal arterioles in guinea pig ileum. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1995, 274, 1425-30.	1.3	21
144	ATP mediates fast synaptic potentials in enteric neurons. <i>Journal of Neuroscience</i> , 1994, 14, 7563-7571.	1.7	172

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145	Differential inhibition of cholinergic and noncholinergic neurogenic contractions by mu opioid and alpha-2 adrenergic agonists in guinea pig ileum. Journal of Pharmacology and Experimental Therapeutics, 1993, 264, 375-83.	1.3	11
146	Differential inhibition of cholinergic and noncholinergic neurogenic contractions by 5-hydroxytryptamine1A receptor agonists in guinea pig ileum. Journal of Pharmacology and Experimental Therapeutics, 1992, 260, 306-12.	1.3	11
147	Antagonists of nitric oxide synthesis inhibit nerve-mediated relaxations of longitudinal muscle in guinea pig ileum. Journal of Pharmacology and Experimental Therapeutics, 1992, 260, 140-5.	1.3	60
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149	Accurate measurement of intestinal transit in the rat. Journal of Pharmacological Methods, 1981, 6, 211-217.	0.7	263