Keith A Sharkey

List of Publications by Year
in descending order

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202 papers	14,222 citations	23567 58 h-index	23533 111 g-index

210 all docs	210 docs citations	210 times ranked	13122 citing authors

#	Article	IF	Citations
1	Identification and Functional Characterization of Brainstem Cannabinoid CB ₂ Receptors. Science, 2005, 310, 329-332.	12.6	1,357
2	Molecular defects in mucosal serotonin content and decreased serotonin reuptake transporter in ulcerative colitis and irritable bowel syndrome 1 â˜†. Gastroenterology, 2004, 126, 1657-1664.	1.3	684
3	Endocannabinoid signaling at the periphery: 50 years after THC. Trends in Pharmacological Sciences, 2015, 36, 277-296.	8.7	524
4	Role for protease activity in visceral pain in irritable bowel syndrome. Journal of Clinical Investigation, 2007, 117, 636-647.	8.2	490
5	Activation of neuronal P2X7 receptorâ€“pannexin-1 mediates death of enteric neurons during colitis. Nature Medicine, 2012, 18, 600-604.	30.7	369
6	Cannabinoids and the gut: New developments and emerging concepts. , 2010, 126, 21-38.		365
7	Microglial activation and TNFÎ± production mediate altered CNS excitability following peripheral inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17151-17156.	7.1	348
8	Novel functional roles for enteric glia in the gastrointestinal tract. Nature Reviews Gastroenterology and Hepatology, 2012, 9, 625-632.	17.8	304
9	Cyclooxygenase 1 contributes to inflammatory responses in rats and mice: Implications for gastrointestinal toxicity. Gastroenterology, 1998, 115, 101-109.	1.3	297
10	Inducible nitric oxide synthaseâ€deficient mice have enhanced leukocyteâ€“endothelium interactions in endotoxemia. FASEB Journal, 1997, 11, 955-964.	0.5	277
11	Inflammatory neuropathies of the enteric nervous systemâ˜†. Gastroenterology, 2004, 126, 1872-1883.	1.3	265
12	Serotonin availability is increased in mucosa of guinea pigs with TNBS-induced colitis. American Journal of Physiology - Renal Physiology, 2003, 285, G207-G216.	3.4	230
13	Activation of Colonic Mucosal 5-HT4 Receptors Accelerates Propulsive Motility and Inhibits Visceral Hypersensitivity. Gastroenterology, 2012, 142, 844-854.e4.	1.3	224
14	Cannabinoids inhibit emesis through CB1 receptors in the brainstem of the ferret. Gastroenterology, 2001, 121, 767-774.	1.3	221
15	Characterization of the inflammatory response to proteinase-activated receptor-2 (PAR2)-activating peptides in the rat paw. British Journal of Pharmacology, 1999, 127, 1083-1090.	5.4	209
16	Gastric Bypass Increases Energy Expenditure in Rats. Gastroenterology, 2010, 138, 1845-1853.e1.	1.3	195
17	Microglia-Dependent Alteration of Glutamatergic Synaptic Transmission and Plasticity in the Hippocampus during Peripheral Inflammation. Journal of Neuroscience, 2015, 35, 4942-4952.	3.6	170
18	Enhanced excitability of myenteric AH neurones in the inflamed guineaâ€pig distal colon. Journal of Physiology, 2003, 547, 589-601.	2.9	169

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19	Purinergic Neuron-to-Glia Signaling in the Enteric Nervous System. Gastroenterology, 2009, 136, 1349-1358.	1.3	163
20	Regulation of nausea and vomiting by cannabinoids and the endocannabinoid system. European Journal of Pharmacology, 2014, 722, 134-146.	3.5	161
21	The Role of the Endocannabinoid System in the Brainâ€“Gut Axis. Gastroenterology, 2016, 151, 252-266.	1.3	161
22	Activation of the cannabinoid 2 receptor (CB2) protects against experimental colitis. Inflammatory Bowel Diseases, 2009, 15, 1678-1685.	1.9	156
23	Intestinal fungi are causally implicated in microbiome assembly and immune development in mice. Nature Communications, 2020, 11, 2577.	12.8	151
24	Emerging roles for enteric glia in gastrointestinal disorders. Journal of Clinical Investigation, 2015, 125, 918-925.	8.2	150
25	Enteric neural pathways mediate the anti-inflammatory actions of glucagon-like peptide 2. American Journal of Physiology - Renal Physiology, 2007, 293, G211-G221.	3.4	149
26	Targeting endocannabinoid degradation protects against experimental colitis in mice: involvement of CB1 and CB2 receptors. Journal of Molecular Medicine, 2008, 86, 925-936.	3.9	145
27	Effects of cannabinoid receptorâ€2 activation on accelerated gastrointestinal transit in lipopolysaccharideâ€treated rats. British Journal of Pharmacology, 2004, 142, 1247-1254.	5.4	122
28	Cannabinoid CB₂ receptors in the enteric nervous system modulate gastrointestinal contractility in lipopolysaccharide-treated rats. American Journal of Physiology - Renal Physiology, 2008, 295, G78-G87.	3.4	122
29	Should peripheral CB1 cannabinoid receptors be selectively targeted for therapeutic gain?. Trends in Pharmacological Sciences, 2009, 30, 1-7.	8.7	122
30	The intestinal barrier in multiple sclerosis: implications for pathophysiology and therapeutics. Brain, 2018, 141, 1900-1916.	7.6	121
31	Î”⁹-Tetrahydrocannabinol selectively acts on CB₁ receptors in specific regions of dorsal vagal complex to inhibit emesis in ferrets. American Journal of Physiology - Renal Physiology, 2003, 285, G566-G576.	3.4	120
32	Enteroendocrine cells and 5-HT availability are altered in mucosa of guinea pigs with TNBS ileitis. American Journal of Physiology - Renal Physiology, 2004, 287, G998-G1007.	3.4	110
33	Intestinal microbiota shapes gut physiology and regulates enteric neurons and glia. Microbiome, 2021, 9, 210.	11.1	108
34	Prevention of Diet-Induced Obesity Effects on Body Weight and Gut Microbiota in Mice Treated Chronically with Î”9-Tetrahydrocannabinol. PLoS ONE, 2015, 10, e0144270.	2.5	104
35	Role of enteric glia in intestinal physiology: effects of the gliotoxin fluorocitrate on motor and secretory function. American Journal of Physiology - Renal Physiology, 2006, 291, G912-G927.	3.4	103
36	Effects of gastrointestinal inflammation on enteroendocrine cells and enteric neural reflex circuits. Autonomic Neuroscience: Basic and Clinical, 2006, 126-127, 250-257.	2.8	101

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37	The endocannabinoid system and gutâ€“brain signalling. Current Opinion in Pharmacology, 2007, 7, 575-582.	3.5	99
38	Consequences of intestinal inflammation on the enteric nervous system: Neuronal activation induced by inflammatory mediators. The Anatomical Record, 2001, 262, 79-90.	1.8	98
39	The atypical cannabinoid O-1602 protects against experimental colitis and inhibits neutrophil recruitment. Inflammatory Bowel Diseases, 2011, 17, 1651-1664.	1.9	95
40	A neutral CB₁ receptor antagonist reduces weight gain in rat. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R2185-R2193.	1.8	88
41	Cannabinoid CB2 Receptors in Health and Disease. Current Medicinal Chemistry, 2010, 17, 1394-1410.	2.4	87
42	Protective Actions of Epithelial 5-Hydroxytryptamine 4 Receptors in Normal and Inflamed Colon. Gastroenterology, 2016, 151, 933-944.e3.	1.3	87
43	Area Postrema Neurons Are Modulated by the Adipocyte Hormone Adiponectin. Journal of Neuroscience, 2006, 26, 9695-9702.	3.6	85
44	Enteric Glia Are Targets of the Sympathetic Innervation of the Myenteric Plexus in the Guinea Pig Distal Colon. Journal of Neuroscience, 2010, 30, 6801-6809.	3.6	85
45	Substance P and Calcitonin Gene-Related Peptide (CGRP) in Gastrointestinal Inflammation. Annals of the New York Academy of Sciences, 1992, 664, 425-442.	3.8	84
46	Neuroimmunophysiology of the gut: advances and emerging concepts focusing on the epithelium. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 765-784.	17.8	82
47	Cyclooxygenase-2 contributes to dysmotility and enhanced excitability of myenteric AH neurones in the inflamed guinea pig distal colon. Journal of Physiology, 2004, 557, 191-205.	2.9	81
48	Synaptic facilitation and enhanced neuronal excitability in the submucosal plexus during experimental colitis in guinea-pig. Journal of Physiology, 2005, 564, 863-875.	2.9	80
49	Morphological and immunohistochemical examination of nerves in normal and injured collateral ligaments of rat, rabbit, and human knee joints. , 1997, 248, 29-39.		77
50	Distribution of adrenergic receptors in the enteric nervous system of the guinea pig, mouse, and rat. Journal of Comparative Neurology, 2006, 495, 529-553.	1.6	76
51	Progressive development of a Th1-type hepatic cytokine profile in rats with experimental cholangitis. Hepatology, 2000, 31, 280-290.	7.3	72
52	Neuroimmune and epithelial interactions in intestinal inflammation. Current Opinion in Pharmacology, 2002, 2, 669-677.	3.5	72
53	Persistent alterations to enteric neural signaling in the guinea pig colon following the resolution of colitis. American Journal of Physiology - Renal Physiology, 2007, 292, G482-G491.	3.4	69
54	Consequences of Citrobacter rodentium infection on enteroendocrine cells and the enteric nervous system in the mouse colon. Cellular Microbiology, 2006, 8, 646-660.	2.1	67

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55	Cytokines and irritable bowel syndrome: Where do we stand?. Cytokine, 2012, 57, 201-209.	3.2	66
56	Electrophysiology, shape, and chemistry of neurons that project from guinea pig colon to inferior mesenteric ganglia. Gastroenterology, 1998, 115, 909-918.	1.3	65
57	A role for O-1602 and G protein-coupled receptor GPR55 in the control of colonic motility in mice. Neuropharmacology, 2013, 71, 255-263.	4.1	64
58	Ectonucleotidases in the digestive system: focus on NTPDase3 localization. American Journal of Physiology - Renal Physiology, 2011, 300, G608-G620.	3.4	63
59	Effects of inflammation on cell proliferation in the myenteric plexus of the guinea-pig ileum. Cell and Tissue Research, 1997, 289, 455-461.	2.9	61
60	Spontaneously developing chronic colitis in IL-10/iNOS double-deficient mice. American Journal of Physiology - Renal Physiology, 2000, 279, G90-G99.	3.4	60
61	Distribution and function of monoacylglycerol lipase in the gastrointestinal tract. American Journal of Physiology - Renal Physiology, 2008, 295, G1255-G1265.	3.4	59
62	Cannabinoids Alleviate Experimentally Induced Intestinal Inflammation by Acting at Central and Peripheral Receptors. PLoS ONE, 2014, 9, e109115.	2.5	59
63	AM 251 produces sustained reductions in food intake and body weight that are resistant to tolerance and conditioned taste aversion. British Journal of Pharmacology, 2006, 147, 109-116.	5.4	58
64	Functional alterations in jejunal myenteric neurons during inflammation in nematode-infected guinea pigs. American Journal of Physiology - Renal Physiology, 1998, 275, G922-G935.	3.4	57
65	Purinergic neuromuscular transmission is selectively attenuated in ulcerated regions of inflamed guinea pig distal colon. Journal of Physiology, 2010, 588, 847-859.	2.9	57
66	Interactive effects of oligofructose and obesity predisposition on gut hormones and microbiota in dietâ€induced obese rats. Obesity, 2015, 23, 769-778.	3.0	57
67	Nitric oxide regulation of colonic epithelial ion transport: a novel role for enteric glia in the myenteric plexus. Journal of Physiology, 2011, 589, 3333-3348.	2.9	56
68	Distribution and function of the cannabinoid-1 receptor in the modulation of ion transport in the guinea pig ileum: relationship to capsaicin-sensitive nerves. American Journal of Physiology - Renal Physiology, 2004, 286, G863-G871.	3.4	53
69	Interleukin-1Î² activates specific populations of enteric neurons and enteric glia in the guinea pig ileum and colon. American Journal of Physiology - Renal Physiology, 2003, 285, G1268-G1276.	3.4	52
70	Naphthalen-1-yl-(4-pentyloxynaphthalen-1-yl)methanone (SAB378), a Peripherally Restricted Cannabinoid CB₁/CB₂ Receptor Agonist, Inhibits Gastrointestinal Motility but Has No Effect on Experimental Colitis in Mice. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 973-980.	2.5	52
71	Ileitis alters neuronal and enteroendocrine signalling in guinea pig distal colon. Gut, 2007, 56, 186-194.	12.1	51
72	Inhibiting fatty acid amide hydrolase normalizes endotoxinâ€induced enhanced gastrointestinal motility in mice. British Journal of Pharmacology, 2012, 165, 1556-1571.	5.4	51

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73	Inhibiting Inducible Nitric Oxide Synthase in Enteric Glia Restores Electrogenic Ion Transport in Mice With Colitis. Gastroenterology, 2015, 149, 445-455.e3.	1.3	51
74	Ionizing radiation reduces neurally evoked electrolyte transport in rat ileum through a mast cell-dependent mechanism. Gastroenterology, 1994, 106, 324-335.	1.3	50
75	Helminth Parasites and the Modulation of Joint Inflammation. Journal of Parasitology Research, 2011, 2011, 1-8.	1.2	49
76	Glucagon-like peptide 2 induces vasoactive intestinal polypeptide expression in enteric neurons via phophatidylinositol 3-kinase-Î³ signaling. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E994-E1005.	3.5	49
77	Involvement of L-arginine-nitric oxide pathways in neural relaxation of the sphincter of Oddi. European Journal of Pharmacology, 1993, 232, 263-270.	3.5	47
78	Cannabis and Î”9-tetrahydrocannabinol (THC) for weight loss?. Medical Hypotheses, 2013, 80, 564-567.	1.5	47
79	Reduced Microglial Activity and Enhanced Glutamate Transmission in the Basolateral Amygdala in Early CNS Autoimmunity. Journal of Neuroscience, 2018, 38, 9019-9033.	3.6	47
80	The neutral cannabinoid CB1 receptor antagonist AM4113 regulates body weight through changes in energy intake in the rat. Pharmacology Biochemistry and Behavior, 2011, 97, 537-543.	2.9	46
81	Infection with an intestinal helminth parasite reduces Freund's complete adjuvantâ€“induced monoarthritis in mice. Arthritis and Rheumatism, 2011, 63, 434-444.	6.7	46
82	Altered Brain Excitability and Increased Anxiety in Mice With Experimental Colitis: Consideration of Hyperalgesia and Sex Differences. Frontiers in Behavioral Neuroscience, 2018, 12, 58.	2.0	45
83	Impaired vasodilatory responses in the gastric microcirculation of anesthetized rats with secondary biliary cirrhosis. Gastroenterology, 1995, 108, 1183-1191.	1.3	44
84	Intracisternal TRH analog induces Fos expression in gastric myenteric neurons and glia in conscious rats. American Journal of Physiology - Renal Physiology, 2001, 280, G979-G991.	3.4	43
85	Expression of a functional metabotropic glutamate receptor 5 on enteric glia is altered in states of inflammation. Glia, 2007, 55, 859-872.	4.9	43
86	Cannabinoid signalling regulates inflammation and energy balance: The importance of the brainâ€“gut axis. Brain, Behavior, and Immunity, 2012, 26, 691-698.	4.1	43
87	Adoptive transfer of helminth antigenâ€pulsed dendritic cells protects against the development of experimental colitis in mice. European Journal of Immunology, 2015, 45, 3126-3139.	2.9	43
88	Cannabinoid (CB)1 receptor antagonist, AM 251, causes a sustained reduction of daily food intake in the rat. Physiology and Behavior, 2004, 82, 863-869.	2.1	43
89	Nitric oxide synthase in tiger salamander retina. Journal of Comparative Neurology, 1995, 361, 525-536.	1.6	42
90	Dextran sodium sulfate-induced colitis reveals nicotinic modulation of ion transport via iNOS-derived NO. American Journal of Physiology - Renal Physiology, 2004, 287, G706-G714.	3.4	42

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91	Oxidative stress disrupts purinergic neuromuscular transmission in the inflamed colon. Journal of Physiology, 2013, 591, 3725-3737.	2.9	41
92	Role of enteric neurotransmission in host defense and protection of the gastrointestinal tract. Autonomic Neuroscience: Basic and Clinical, 2014, 181, 94-106.	2.8	41
93	Synaptic plasticity in myenteric neurons of the guinea-pig distal colon: presynaptic mechanisms of inflammation-induced synaptic facilitation. Journal of Physiology, 2007, 581, 787-800.	2.9	40
94	Cannabinoid 1 receptors are critical for the innate immune response to TLR4 stimulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R224-R231.	1.8	40
95	Endocannabinoid regulation of nausea is mediated by 2-arachidonoylglycerol (2-AG) in the rat visceral insular cortex. Neuropharmacology, 2016, 102, 92-102.	4.1	38
96	InÂvivo endocannabinoid dynamics at the timescale of physiological and pathological neural activity. Neuron, 2021, 109, 2398-2403.e4.	8.1	38
97	c-Fos expression in the myenteric plexus, spinal cord and brainstem following injection of formalin in the rat colonic wall. Journal of the Autonomic Nervous System, 1999, 77, 140-151.	1.9	37
98	Murine autoimmune arthritis is exaggerated by infection with the rat tapeworm, Hymenolepis diminuta. International Journal for Parasitology, 2013, 43, 593-601.	3.1	36
99	Effects of PGE2 in guinea pig colonic myenteric ganglia. American Journal of Physiology - Renal Physiology, 2002, 283, G1388-G1397.	3.4	35
100	Antibiotic treatment affects the expression levels of copper transporters and the isotopic composition of copper in the colon of mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5955-5960.	7.1	35
101	Multiple mechanisms contribute to myenteric plexus ablation induced by benzalkonium chloride in the guinea-pig ileum. Cell and Tissue Research, 1997, 289, 253-264.	2.9	34
102	Role of cyclooxygenase-2 in modulating gastric acid secretion in the normal and inflamed rat stomach. American Journal of Physiology - Renal Physiology, 2000, 279, G1292-G1297.	3.4	34
103	Endogenous Prion Protein Attenuates Experimentally Induced Colitis. American Journal of Pathology, 2011, 179, 2290-2301.	3.8	34
104	Inhibiting endocannabinoid biosynthesis: a novel approach to the treatment of constipation. British Journal of Pharmacology, 2015, 172, 3099-3111.	5.4	34
105	Substrate-Selective Inhibition of Cyclooxygenase-2: Development and Evaluation of Achiral Profen Probes. ACS Medicinal Chemistry Letters, 2012, 3, 759-763.	2.8	33
106	Colitis-Induced Microbial Perturbation Promotes Postinflammatory Visceral Hypersensitivity. Cellular and Molecular Gastroenterology and Hepatology, 2020, 10, 225-244.	4.5	33
107	Activation of proteinase-activated receptor-1 inhibits neurally evoked chloride secretion in the mouse colon in vitro. American Journal of Physiology - Renal Physiology, 2005, 288, G337-G345.	3.4	32
108	Trigeminal nuclear complex of the ferret: Anatomical and Immunohistochemical studies. Journal of Comparative Neurology, 1993, 329, 291-312.	1.6	30

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109	The use of constitutive nuclear oncoproteins to count neurons in the enteric nervous system of the guinea pig. Cell and Tissue Research, 1994, 277, 325-331.	2.9	29
110	Lack of beneficial effect of a tachykinin receptor antagonist in experimental colitis. Regulatory Peptides, 1998, 73, 95-101.	1.9	29
111	Immediate-Early Gene Expression in the Inferior Mesenteric Ganglion and Colonic Myenteric Plexus of the Guinea Pig. Journal of Neuroscience, 1999, 19, 2755-2764.	3.6	29
112	Neonatal immune challenge exacerbates experimental colitis in adult rats: potential role for TNF-Î±. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R308-R315.	1.8	28
113	The roles of purinergic signaling during gastrointestinal inflammation. Current Opinion in Pharmacology, 2012, 12, 659-666.	3.5	28
114	<scp>AM</scp>841, a covalent cannabinoid ligand, powerfully slows gastrointestinal motility in normal and stressed mice in a peripherally restricted manner. British Journal of Pharmacology, 2015, 172, 2406-2418.	5.4	28
115	The role of enteric neurons in the development and progression of colorectal cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 420-434.	7.4	27
116	Nausea-Induced 5-HT Release in the Interoceptive Insular Cortex and Regulation by Monoacylglycerol Lipase (MAGL) Inhibition and Cannabidiol. ENeuro, 2018, 5, ENEURO.0256-18.2018.	1.9	27
117	Capsaicinâ€sensitive vagal stimulationâ€induced gastric acid secretion in the rat: evidence for cholinergic vagal afferents. British Journal of Pharmacology, 1991, 103, 1997-2003.	5.4	26
118	Prion Diseases and the Gastrointestinal Tract. Canadian Journal of Gastroenterology & Hepatology, 2006, 20, 18-24.	1.7	26
119	Alterations in melatonin and 5â€HT signalling in the colonic mucosa of mice with dextranâ€sodium sulfateâ€induced colitis. British Journal of Pharmacology, 2018, 175, 1535-1547.	5.4	26
120	Abnormal cannabidiol attenuates experimental colitis in mice, promotes wound healing and inhibits neutrophil recruitment. Journal of Inflammation, 2016, 13, 21.	3.4	25
121	Insights into the role of cannabis in the management of inflammatory bowel disease. Therapeutic Advances in Gastroenterology, 2019, 12, 175628481987097.	3.2	25
122	Central and Peripheral Signaling Mechanisms Involved in Endocannabinoid Regulation of Feeding: A Perspective on the Munchies. Science Signaling, 2005, 2005, pe15-pe15.	3.6	24
123	Primary Biliary Cholangitis Alters Functional Connections of the Brain's Deep Gray Matter. Clinical and Translational Gastroenterology, 2017, 8, e107.	2.5	24
124	Alterations to enteric neural signaling underlie secretory abnormalities of the ileum in experimental colitis in the guinea pig. American Journal of Physiology - Renal Physiology, 2009, 296, G717-G726.	3.4	23
125	Peptides in the gastrointestinal tract in human immunodeficiency virus infection. Gastroenterology, 1992, 103, 18-28.	1.3	22
126	The expression levels of cellular prion protein affect copper isotopic shifts in the organs of mice. Journal of Analytical Atomic Spectrometry, 2016, 31, 2015-2022.	3.0	22

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127	Differential sensitivities of the sphincter of Oddi and gallbladder to cholecystokinin in the guinea pig: their role in transsphincteric bile flow. Canadian Journal of Physiology and Pharmacology, 1992, 70, 1336-1341.	1.4	21
128	The Antidepressant Mirtazapine Inhibits Hepatic Innate Immune Networks to Attenuate Immune-Mediated Liver Injury in Mice. Frontiers in Immunology, 2019, 10, 803.	4.8	21
129	Peptide accumulations in proximal endbulbs of transected axons. Brain Research, 2001, 902, 40-50.	2.2	20
130	Neuromuscular changes in a rat model of colitis. Autonomic Neuroscience: Basic and Clinical, 2008, 141, 10-21.	2.8	20
131	The Endocannabinoid System and Its Role in Regulating the Intrinsic Neural Circuitry of the Gastrointestinal Tract. International Review of Neurobiology, 2015, 125, 85-126.	2.0	20
132	Malabsorption plays a major role in the effects of the biliopancreatic diversion with duodenal switch on energy metabolism in rats. Surgery for Obesity and Related Diseases, 2015, 11, 356-366.	1.2	20
133	Endocannabinoid regulation of homeostatic feeding and stressâ€induced alterations in food intake in male rats. British Journal of Pharmacology, 2019, 176, 1524-1540.	5.4	20
134	Immunohistochemically-defined subtypes of neurons in the inferior mesenteric ganglion of the guinea-pig. Journal of the Autonomic Nervous System, 1996, 59, 140-150.	1.9	19
135	Peptides and neuromas: Calcitonin gene-related peptide, substance P, and mast cells in a mechanosensitive human sural neuroma. , 1997, 20, 875-880.		19
136	Modulation of the immune response by helminths: a role for serotonin?. Bioscience Reports, 2018, 38, .	2.4	19
137	Colitis-associated microbiota drives changes in behaviour in male mice in the absence of inflammation. Brain, Behavior, and Immunity, 2022, 102, 266-278.	4.1	19
138	Distribution and function of brain natriuretic peptide in the stomach and small intestine of the rat. Regulatory Peptides, 1991, 34, 61-70.	1.9	18
139	c-Fos- and JunB- immunoreactivities in the enteric nervous system of the guinea-pig ileum. NeuroReport, 1994, 5, 1657-1661.	1.2	18
140	Involvement of Mast Cells in Î±7 Nicotinic Receptor Agonist Exacerbation of Freund's Complete Adjuvantâ€“Induced Monoarthritis in Mice. Arthritis and Rheumatology, 2016, 68, 542-552.	5.6	18
141	Acute regulation of intestinal ion transport and permeability in response to luminal nutrients: the role of the enteric nervous system. American Journal of Physiology - Renal Physiology, 2020, 318, G254-G264.	3.4	18
142	Differential adipokine response in genetically predisposed lean and obese rats during inflammation: a role in modulating experimental colitis?. American Journal of Physiology - Renal Physiology, 2009, 297, G869-G877.	3.4	17
143	Brain TNF drives post-inflammation depression-like behavior and persistent pain in experimental arthritis. Brain, Behavior, and Immunity, 2020, 89, 224-232.	4.1	17
144	Comorbid anxiety-like behavior in a rat model of colitis is mediated by an upregulation of corticolimbic fatty acid amide hydrolase. Neuropsychopharmacology, 2021, 46, 992-1003.	5.4	17

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145	Proliferative capacity of enterochromaffin cells in guinea-pigs with experimental ileitis. Cell and Tissue Research, 2007, 329, 433-441.	2.9	16
146	Urinary Phenotyping Indicates Weight Loss-Independent Metabolic Effects of Roux-en-Y Gastric Bypass in Mice. Journal of Proteome Research, 2013, 12, 1245-1253.	3.7	16
147	A novel receptor for calcitonin geneâ€related peptide (CGRP) mediates secretion in the rat colon: implications for secretory function in colitis. FASEB Journal, 2000, 14, 1439-1446.	0.5	15
148	The subfornical organ: a novel site of action of cholecystokinin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R363-R373.	1.8	15
149	Role of the Endocannabinoid System in the Regulation of Intestinal Homeostasis. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 947-963.	4.5	14
150	Antisecretory effects of neuropeptide Y in the mouse colon are region-specific and are lost in DSS-induced colitis. Regulatory Peptides, 2010, 165, 138-145.	1.9	13
151	Magnetic resonance imaging evidence of hippocampal structural changes in patients with primary biliary cholangitis. Clinical and Translational Gastroenterology, 2018, 9, e169.	2.5	13
152	More than just gut feelings about visceral sensation. Trends in Neurosciences, 1985, 8, 188-190.	8.6	12
153	Intestinal Microbiota: A Regulator of Intestinal Inflammation and Cardiac Ischemia?. Current Drug Targets, 2015, 16, 199-208.	2.1	12
154	The origin and distribution of neurons with projections passing through the inferior mesenteric ganglion of the guinea-pig. Journal of the Autonomic Nervous System, 1993, 44, 91-99.	1.9	11
155	Behavioral adaptations in a relapsing mouse model of colitis. Physiology and Behavior, 2020, 216, 112802.	2.1	11
156	Multimodal Brain MRI of Deep Gray Matter Changes Associated With Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2023, 29, 405-416.	1.9	11
157	Behavioural adaptations after antibiotic treatment in male mice are reversed by activation of the aryl hydrocarbon receptor. Brain, Behavior, and Immunity, 2021, 98, 317-329.	4.1	10
158	Neurons populating the rectal extrinsic nerves in humans express neuronal and Schwann cell markers. Neurogastroenterology and Motility, 2021, 33, e14074.	3.0	10
159	Induction of nitric oxide synthase in rat gastric smooth muscle preparations. American Journal of Physiology - Renal Physiology, 1997, 273, G1101-G1107.	3.4	9
160	Reprint of: Role of enteric neurotransmission in host defense and protection of the gastrointestinal tract. Autonomic Neuroscience: Basic and Clinical, 2014, 182, 70-82.	2.8	9
161	Impact of major depression and antidepressant use on alcoholic and nonâ€alcoholic fatty liver disease: A populationâ€based study. Liver International, 2021, 41, 2308-2317.	3.9	9
162	Compromised neuroimmune status in rats with experimental colitis. Journal of Physiology, 2003, 548, 929-939.	2.9	9

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163	The Enteric Nervous System in Intestinal Inflammation. Canadian Journal of Gastroenterology & Hepatology, 1996, 10, 335-341.	1.7	8
164	Immunoreactivity for the Fas ligand in the mammalian enteric nervous system. Cell and Tissue Research, 1997, 290, 21-29.	2.9	8
165	Neurohormonal signalling in the gastrointestinal tract: new frontiers. Journal of Physiology, 2014, 592, 2923-2925.	2.9	8
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