Peter Holzer

List of Publications by Year
in descending order

226 papers	13,264 citations	22132 59 h-index	30058 103 g-index
260 all docs	260 docs citations	260 times ranked	11819 citing authors

#	Article	IF	Citations
1	Substance P as neurogenic mediator of antidromic vasodilation and neurogenic plasma extravasation. Naunyn-Schmiedeberg's Archives of Pharmacology, 1979, 310, 175-183.	1.4	1,113
2	Cognitive impairment by antibiotic-induced gut dysbiosis: Analysis of gut microbiota-brain communication. Brain, Behavior, and Immunity, 2016, 56, 140-155.	2.0	500
3	Neurogenic vasodilatation and plasma leakage in the skin. General Pharmacology, 1998, 30, 5-11.	0.7	401
4	Neuropeptide Y, peptide YY and pancreatic polypeptide in the gutâ€“brain axis. Neuropeptides, 2012, 46, 261-274.	0.9	390
5	Neuropeptide Y: A stressful review. Neuropeptides, 2016, 55, 99-109.	0.9	326
6	Neuropeptides and the Microbiota-Gut-Brain Axis. Advances in Experimental Medicine and Biology, 2014, 817, 195-219.	0.8	321
7	Differential effects of capsaicin on the content of somatostatin, substance P, and neurotensin in the nervous system of the rat. Naunyn-Schmiedeberg's Archives of Pharmacology, 1981, 317, 140-148.	1.4	303
8	Tachykinins in the gut. Part I. Expression, release and motor function. , 1997, 73, 173-217.		303
9	Opioid receptors in the gastrointestinal tract. Regulatory Peptides, 2009, 155, 11-17.	1.9	303
10	Gut Microbiota and the Neuroendocrine System. Neurotherapeutics, 2018, 15, 5-22.	2.1	295
11	Neural emergency system in the stomach. Gastroenterology, 1998, 114, 823-839.	0.6	260
12	Acid-Sensitive Ion Channels and Receptors. Handbook of Experimental Pharmacology, 2009, , 283-332.	0.9	234
13	Tachykinins in the gut. Part II. Roles in neural excitation, secretion and inflammation. , 1997, 73, 219-263.		219
14	Transient receptor potential (TRP) channels as drug targets for diseases of the digestive system. , 2011, 131, 142-170.		197
15	Peptidergic sensory neurons in the control of vascular functions: Mechanisms and significance in the cutaneous and splanchnic vascular beds. , 1992, 121, 49-146.		196
16	Sensory neurons signal for an increase in rat gastric mucosal blood flow in the face of pending acid injury. Gastroenterology, 1991, 101, 416-423.	0.6	184
17	Opioids and opioid receptors in the enteric nervous system: from a problem in opioid analgesia to a possible new prokinetic therapy in humans. Neuroscience Letters, 2004, 361, 192-195.	1.0	168
18	TRPV1 and the gut: from a tasty receptor for a painful vanilloid to a key player in hyperalgesia. European Journal of Pharmacology, 2004, 500, 231-241.	1.7	157

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19	The pharmacological challenge to tame the transient receptor potential vanilloidâ€1 (TRPV1) nocisensor. British Journal of Pharmacology, 2008, 155, 1145-1162.	2.7	152
20	A step ahead: Exploring the gut microbiota in inpatients with bipolar disorder during a depressive episode. Bipolar Disorders, 2019, 21, 40-49.	1.1	149
21	Probiotics drive gut microbiome triggering emotional brain signatures. Gut Microbes, 2018, 9, 1-11.	4.3	146
22	Implications of Tachykinins and Calcitonin Gene-Related Peptide in Inflammatory Bowel Disease. Digestion, 1998, 59, 269-283.	1.2	137
23	Distribution of substance P in the rat gastrointestinal tract â€" Lack of effect of capsaicin pretreatment. European Journal of Pharmacology, 1980, 61, 303-307.	1.7	134
24	High-fat diet induces depression-like behaviour in mice associated with changes in microbiome, neuropeptide Y, and brain metabolome. Nutritional Neuroscience, 2019, 22, 877-893.	1.5	133
25	Nociceptive threshold after neonatal capsaicin treatment. European Journal of Pharmacology, 1979, 58, 511-514.	1.7	131
26	Tachykinin receptors in the gut: physiological and pathological implications. Current Opinion in Pharmacology, 2001, 1, 583-590.	1.7	128
27	Gut microbiota and body composition in anorexia nervosa inpatients in comparison to athletes, overweight, obese, and normal weight controls. International Journal of Eating Disorders, 2017, 50, 1421-1431.	2.1	119
28	The homeostatic role of neuropeptide <scp>Y</scp> in immune function and its impact on mood and behaviour. Acta Physiologica, 2015, 213, 603-627.	1.8	113
29	Role of visceral afferent neurons in mucosal inflammation and defense. Current Opinion in Pharmacology, 2007, 7, 563-569.	1.7	108
30	Gut microbiota, dietary intakes and intestinal permeability reflected by serum zonulin in women. European Journal of Nutrition, 2018, 57, 2985-2997.	1.8	106
31	Increased expression of TRPV1 receptor in dorsal root ganglia by acid insult of the rat gastric mucosa. European Journal of Neuroscience, 2004, 19, 1811-1818.	1.2	105
32	Participation of endotheliumâ€derived nitric oxide but not prostacyclin in the gastric mucosal hyperaemia due to acid backâ€diffusion. British Journal of Pharmacology, 1992, 105, 708-714.	2.7	103
33	Treatment of opioid-induced gut dysfunction. Expert Opinion on Investigational Drugs, 2007, 16, 181-194.	1.9	101
34	Intestinal motility disturbances in intensive care patients pathogenesis and clinical impact. Intensive Care Medicine, 2007, 33, 36-44.	3.9	98
35	Dietary spermidine improves cognitive function. Cell Reports, 2021, 35, 108985.	2.9	98
36	Efferent-like roles of afferent neurons in the gut: Blood flow regulation and tissue protection. Autonomic Neuroscience: Basic and Clinical, 2006, 125, 70-75.	1.4	93

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37	Gastric acidâ€“evoked c-fos messenger RNA expression in rat brainstem is signaled by capsaicin-resistant vagal afferents. Gastroenterology, 1998, 115, 649-660.	0.6	90
38	Acid sensing by visceral afferent neurones. Acta Physiologica, 2011, 201, 63-75.	1.8	89
39	TRP Channels in the Digestive System. Current Pharmaceutical Biotechnology, 2011, 12, 24-34.	0.9	88
40	Taste Receptors in the Gastrointestinal Tract. V. Acid sensing in the gastrointestinal tract. American Journal of Physiology - Renal Physiology, 2007, 292, G699-G705.	1.6	80
41	Opioid-induced bowel dysfunction in cancer-related pain: Causes, consequences, and a novel approach for its management. Journal of Opioid Management, 2009, 5, 145-151.	0.2	80
42	Substance P immunoreactive neurons following neonatal administration of capsaicin. Naunyn-Schmiedeberg's Archives of Pharmacology, 1981, 315, 185-194.	1.4	78
43	Activity of SR 142801 at peripheral tachykinin receptors. European Journal of Pharmacology, 1995, 278, 17-25.	1.7	77
44	Newly discovered tachykinins raise new questions about their peripheral roles and the tachykinin nomenclature. Trends in Pharmacological Sciences, 2004, 25, 1-3.	4.0	77
45	Reduced anxietyâ€like and depressionâ€related behavior in neuropeptide Y Y4 receptor knockout mice. Genes, Brain and Behavior, 2008, 7, 532-542.	1.1	77
46	Acid-sensitive ion channels in gastrointestinal function. Current Opinion in Pharmacology, 2003, 3, 618-625.	1.7	76
47	Meeting the Challenges of Opioid-Induced Constipation in Chronic Pain Management â€“ A Novel Approach. Pharmacology, 2009, 83, 10-17.	0.9	76
48	Sexâ€dependent control of murine emotionalâ€affective behaviour in health and colitis by peptide YY and neuropeptide Y. British Journal of Pharmacology, 2011, 163, 1302-1314.	2.7	76
49	Capsaicin as a Tool for Studying Sensory Neuron Functions. Advances in Experimental Medicine and Biology, 1991, 298, 3-16.	0.8	76
50	Standardized concept for the treatment of gastrointestinal dysmotility in critically ill patientsâ€”Current status and future options. Clinical Nutrition, 2008, 27, 25-41.	2.3	75
51	Laparotomy-induced gastric protection against ethanol injury is mediated by capsaicin-sensitive sensory neurons. Gastroenterology, 1990, 99, 3-9.	0.6	73
52	Tachykinin NK1 and NK2 receptor-mediated control of peristaltic propulsion in the guinea-pig small intestine in vitro. Neuropharmacology, 1998, 37, 131-138.	2.0	72
53	Vagal afferent signaling of a gastric mucosal acid insult to medullary, pontine, thalamic, hypothalamic and limbic, but not cortical, nuclei of the rat brain. Pain, 2001, 92, 19-27.	2.0	72
54	Myeloperoxidase-Derived Oxidants Induce Blood-Brain Barrier Dysfunction In Vitro and In Vivo. PLoS ONE, 2013, 8, e64034.	1.1	71

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55	Cannabinoid inhibition of guinea-pig intestinal peristalsis via inhibition of excitatory and activation of inhibitory neural pathways. Neuropharmacology, 1999, 38, 1289-1297.	2.0	69
56	Participation of nitric oxide in the mustard oil-induced neurogenic i inflammation of the rat paw skin. European Journal of Pharmacology, 1993, 232, 113-120.	1.7	67
57	Involvement of Î¼ - and Îº -, but not Î´ -, opioid receptors in the peristaltic motor depression caused by endogenous and exogenous opioids in the guinea-pig intestine. British Journal of Pharmacology, 2002, 135, 741-750.	2.7	67
58	Release of dynorphin, somatostatin and substance P from the vascularly perfused small intestine of the guineaâ€pig during peristalsis. British Journal of Pharmacology, 1984, 83, 919-925.	2.7	66
59	Gastrointestinal afferents as targets of novel drugs for the treatment of functional bowel disorders and visceral pain. European Journal of Pharmacology, 2001, 429, 177-193.	1.7	66
60	Diverse action of lipoteichoic acid and lipopolysaccharide on neuroinflammation, blood-brain barrier disruption, and anxiety in mice. Brain, Behavior, and Immunity, 2017, 60, 174-187.	2.0	66
61	Calcitonin gene-related peptide is a potent relaxant of intestinal muscle. European Journal of Pharmacology, 1987, 135, 449-451.	1.7	65
62	Influence of 4-week multi-strain probiotic administration on resting-state functional connectivity in healthy volunteers. European Journal of Nutrition, 2019, 58, 1821-1827.	1.8	64
63	Prolonged Depression-Like Behavior Caused by Immune Challenge: Influence of Mouse Strain and Social Environment. PLoS ONE, 2011, 6, e20719.	1.1	64
64	Dextran sulfate sodium-induced colitis alters stress-associated behaviour and neuropeptide gene expression in the amygdala-hippocampus network of mice. Scientific Reports, 2015, 5, 9970.	1.6	62
65	Selective ablation of spinal afferent neurons containing CGRP attenuates gastric hyperemic response to acid. Peptides, 1992, 13, 249-254.	1.2	59
66	The pharmacology of <scp>TRP</scp> channels. British Journal of Pharmacology, 2014, 171, 2469-2473.	2.7	59
67	GAL ₃ receptor KO mice exhibit an anxiety-like phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7138-7143.	3.3	57
68	Deletion of the acid-sensing ion channel ASIC3 prevents gastritis-induced acid hyperresponsiveness of the stomachâ€“brainstem axis. Pain, 2008, 134, 245-253.	2.0	56
69	Acid-sensing ion channels in gastrointestinal function. Neuropharmacology, 2015, 94, 72-79.	2.0	56
70	Effects of capsaicin on visceral smooth muscle: a valuable tool for sensory neurotransmitter identification. European Journal of Pharmacology, 2004, 500, 143-157.	1.7	55
71	Deletion of Monoglyceride Lipase in Astrocytes Attenuates Lipopolysaccharide-induced Neuroinflammation. Journal of Biological Chemistry, 2016, 291, 913-923.	1.6	55
72	Caerulein, substance P, serotonin, and cholinomimetics induce rhythmic contractions of the intestinal circular muscle. Naunyn-Schmiedeberg's Archives of Pharmacology, 1980, 312, 131-137.	1.4	54

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73	Chemoâ€nociceptive signalling from the colon is enhanced by mild colitis and blocked by inhibition of transient receptor potential ankyrin 1 channels. British Journal of Pharmacology, 2010, 160, 1430-1442.	2.7	53
74	Synergistic effects of NOD1 or NOD2 and TLR4 activation on mouse sickness behavior in relation to immune and brain activity markers. Brain, Behavior, and Immunity, 2015, 44, 106-120.	2.0	53
75	Implication of neuropeptide-Y Y2 receptors in the effects of immune stress on emotional, locomotor and social behavior of mice. Neuropharmacology, 2008, 55, 117-126.	2.0	52
76	Epigenetics of the molecular clock and bacterial diversity in bipolar disorder. Psychoneuroendocrinology, 2019, 101, 160-166.	1.3	52
77	Inhibition of Guinea Pig Intestinal Peristalsis by the Flavonoids Quercetin, Naringenin, Apigenin and Genistein. Pharmacology, 2004, 70, 5-14.	0.9	51
78	Amyloid-beta impairs insulin signaling by accelerating autophagy-lysosomal degradation of LRP-1 and IR-Î² in blood-brain barrier endothelial cells in vitro and in 3XTg-AD mice. Molecular and Cellular Neurosciences, 2019, 99, 103390.	1.0	51
79	Diabesity and mood disorders: Multiple links through the microbiota-gut-brain axis. Molecular Aspects of Medicine, 2019, 66, 80-93.	2.7	51
80	Visceral Inflammation and Immune Activation Stress the Brain. Frontiers in Immunology, 2017, 8, 1613.	2.2	50
81	Opioid antagonists for prevention and treatment of opioid-induced gastrointestinal effects. Current Opinion in Anaesthesiology, 2010, 23, 616-622.	0.9	49
82	Repeated predictable stress causes resilience against colitis-induced behavioral changes in mice. Frontiers in Behavioral Neuroscience, 2014, 8, 386.	1.0	48
83	Clonidine and Dexmedetomidine Potently Inhibit Peristalsis in the Guinea Pig Ileum In VitroÂ. Anesthesiology, 2002, 97, 1491-1499.	1.3	47
84	The Potential Role of the Dipeptidyl Peptidase-4-Like Activity From the Gut Microbiota on the Host Health. Frontiers in Microbiology, 2018, 9, 1900.	1.5	47
85	Geneâ€“environment interaction influences anxiety-like behavior in ethologically based mouse models. Behavioural Brain Research, 2011, 218, 99-105.	1.2	44
86	Low potential of dobutamine and dopexamine to block intestinal peristalsis as compared with other catecholamines. Critical Care Medicine, 2000, 28, 2893-2897.	0.4	43
87	Einfluss akuter Erkrankungen auf die DarmmotilitÃt. Wiener Klinische Wochenschrift, 2008, 120, 6-17.	1.0	43
88	TRPV1: a new target for treatment of visceral pain in IBS?. Gut, 2008, 57, 882-884.	6.1	43
89	Evidence from knockout mice for distinct implications of neuropeptide-Y Y2 and Y4 receptors in the circadian control of locomotion, exploration, water and food intake. Neuropeptides, 2009, 43, 491-497.	0.9	43
90	Neuropeptides, Microbiota, and Behavior. International Review of Neurobiology, 2016, 131, 67-89.	0.9	41

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91	Capsaicin-sensitive vagal afferents contribute to gastric acid and vascular responses to intracisternal TRH analog. Peptides, 1990, 11, 789-795.	1.2	40
92	Synergistic role of muscarinic acetylcholine and tachykinin NK-2 receptors in intestinal peristalsis. Naunyn-Schmiedeberg's Archives of Pharmacology, 1994, 349, 194-201.	1.4	40
93	Neuroimmune pharmacological approaches. Current Opinion in Pharmacology, 2015, 25, 13-22.	1.7	40
94	Gastrointestinal pain in functional bowel disorders: sensory neurons as novel drug targets. Expert Opinion on Therapeutic Targets, 2004, 8, 107-123.	1.5	39
95	Behavioral and molecular processing of visceral pain in the brain of mice: impact of colitis and psychological stress. Frontiers in Behavioral Neuroscience, 2015, 9, 177.	1.0	39
96	A study of the mode and site of action of capsaicin in guinea-pig heart and rat uterus. Naunyn-Schmiedeberg's Archives of Pharmacology, 1984, 326, 58-63.	1.4	38
97	Tachykinin NK₁ and NK₂ receptor antagonists and atropineâ€resistant ascending excitatory reflex to the circular muscle of the guineaâ€pig ileum. British Journal of Pharmacology, 1994, 112, 161-168.	2.7	35
98	Involvement of nitric oxide in the substance P-induced inhibition of intestinal peristalsis. NeuroReport, 1997, 8, 2857-2860.	0.6	35
99	Environmental Enrichment and Gut Inflammation Modify Stress-Induced c-Fos Expression in the Mouse Corticolimbic System. PLoS ONE, 2013, 8, e54811.	1.1	35
100	Stomach-brain communication by vagal afferents in response to luminal acid backdiffusion, gastrin, and gastric acid secretion. American Journal of Physiology - Renal Physiology, 2004, 286, G403-G411.	1.6	34
101	Vanilloid receptor TRPV1: hot on the tongue and inflaming the colon. Neurogastroenterology and Motility, 2004, 16, 697-699.	1.6	34
102	Mediation by prostaglandins of the nitric oxideâ€induced neurogenic vasodilatation in rat skin. British Journal of Pharmacology, 1995, 116, 2365-2370.	2.7	33
103	II. The elusive action of capsaicin on the vagus nerve. American Journal of Physiology - Renal Physiology, 1998, 275, G8-G13.	1.6	33
104	Evidence from knockout mice that peptide YY and neuropeptide Y enforce murine locomotion, exploration and ingestive behaviour in a circadian cycle- and gender-dependent manner. Behavioural Brain Research, 2009, 203, 97-107.	1.2	33
105	Pharmacology of Opioids and their Effects on Gastrointestinal Function. American Journal of Gastroenterology Supplements (Print), 2014, 2, 9-16.	0.7	33
106	Different receptors mediating the inhibitory action of exogenous ATP and endogenously released purines on guinea-pig intestinal peristalsis. British Journal of Pharmacology, 1999, 128, 313-320.	2.7	32
107	Pharmacological profile of selective muscarinic receptor antagonists on guinea-pig ileal smooth muscle. European Journal of Pharmacology, 1994, 253, 275-281.	1.7	31
108	Non-Analgesic Effects of Opioids: Management of Opioid-Induced Constipation by Peripheral Opioid Receptor Antagonists: Prevention or Withdrawal?. Current Pharmaceutical Design, 2012, 18, 6010-6020.	0.9	31

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109	Evaluation of a new and potent cholecystokinin antagonist on motor responses of the guineaâ€pig intestine. British Journal of Pharmacology, 1987, 90, 753-761.	2.7	30
110	Evidence from knockout mice that neuropeptide-Y Y2 and Y4 receptor signalling prevents long-term depression-like behaviour caused by immune challenge. Journal of Psychopharmacology, 2010, 24, 1551-1560.	2.0	30
111	The inhibitory modulation of guinea-pig intestinal peristalsis caused by capsaicin involves calcitonin gene-related peptide and nitric oxide. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 353, 102-9.	1.4	29
112	Towards microbiome-informed dietary recommendations for promoting metabolic and mental health: Opinion papers of the MyNewGut project. Clinical Nutrition, 2018, 37, 2191-2197.	2.3	29
113	Constipation Caused by Anti-calcitonin Gene-Related Peptide Migraine Therapeutics Explained by Antagonism of Calcitonin Gene-Related Peptideâ€™s Motor-Stimulating and Prosecretory Function in the Intestine. Frontiers in Physiology, 2021, 12, 820006.	1.3	29
114	Peristalsis in the Guinea Pig Small Intestine In Vitro Is Impaired by Acetaminophen but Not Aspirin and Dipyrone. Anesthesia and Analgesia, 2005, 100, 120-127.	1.1	28
115	Nitric oxide-dependent and -independent vascular hyporeactivity in mesenteric arteries of portal hypertensive rats. British Journal of Pharmacology, 1997, 121, 1031-1037.	2.7	26
116	Tachykinin autoreceptors in the gut. Trends in Pharmacological Sciences, 2000, 21, 166.	4.0	26
117	Involvement of endothelial NO in the dilator effect of VIP on rat isolated pulmonary artery. Regulatory Peptides, 2007, 139, 102-108.	1.9	26
118	A monoclonal antibody to calcitonin gene-related peptide abolishes capsaicin-induced gastroprotection. European Journal of Pharmacology, 1993, 250, 201-203.	1.7	25
119	Effect of ?-conotoxin on cholinergic and tachykininergic excitatory neurotransmission to the circular muscle of the guinea-pig colon. Naunyn-Schmiedeberg's Archives of Pharmacology, 1994, 350, 529-36.	1.4	25
120	Protective effect of cromakalim and diazoxide, and proulcerogenic effect of glibenclamide on indomethacin-induced gastric injury. European Journal of Pharmacology, 1999, 374, 461-470.	1.7	25
121	Differential peristaltic motor effects of prostanoid (DP, EP, IP, TP) and leukotriene receptor agonists in the guinea-pig isolated small intestine. British Journal of Pharmacology, 2002, 137, 1047-1054.	2.7	25
122	Toll-like receptor 4 contributes to the inhibitory effect of morphine on colonic motility in vitro and in vivo. Scientific Reports, 2015, 5, 9499.	1.6	24
123	Experimental colitis reduces microglial cell activation in the mouse brain without affecting microglial cell numbers. Scientific Reports, 2019, 9, 20217.	1.6	24
124	Gastroduodenal mucosal defense. Current Opinion in Gastroenterology, 2000, 16, 469-478.	1.0	23
125	Delayed stress-induced differences in locomotor and depression-related behaviour in female neuropeptide-Y Y1 receptor knockout mice. Journal of Psychopharmacology, 2010, 24, 1541-1549.	2.0	23
126	Environmental enrichment induces behavioural disturbances in neuropeptide Y knockout mice. Scientific Reports, 2016, 6, 28182.	1.6	23

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127	Visceral hyperalgesia caused by peptide YY deletion and Y2 receptor antagonism. Scientific Reports, 2017, 7, 40968.	1.6	22
128	Gastroduodenal mucosal defense: coordination by a network of messengers and mediators. Current Opinion in Gastroenterology, 2001, 17, 489-496.	1.0	21
129	Differential effects of intragastric acid and capsaicin on gastric emptying and afferent input to the rat spinal cord and brainstem. BMC Neuroscience, 2005, 6, 60.	0.8	21
130	Role of bradykinin in the hyperaemia following acid challenge of the rat gastric mucosa. British Journal of Pharmacology, 1994, 113, 1036-1042.	2.7	20
131	Disturbance of peristalsis in the guinea-pig isolated small intestine by indomethacin, but not cyclo-oxygenase isoform-selective inhibitors. British Journal of Pharmacology, 2001, 132, 1299-1309.	2.7	20
132	Cooperation of NMDA and tachykinin NK1 and NK2 receptors in the medullary transmission of vagal afferent input from the acid-threatened rat stomach. Pain, 2001, 89, 147-157.	2.0	19
133	Transient receptor potential ankyrin 1 contributes to somatic pain hypersensitivity in experimental colitis. Scientific Reports, 2020, 10, 8632.	1.6	18
134	Nitric oxide mediates the amplification by interleukin-1Î² of neurogenic vasodilatation in the rat skin. European Journal of Pharmacology, 1994, 260, 89-93.	1.7	17
135	Mediation by CCK_B receptors of the CCKâ€evoked hyperaemia in rat gastric mucosa. British Journal of Pharmacology, 1995, 116, 2274-2278.	2.7	17
136	Tachykinin inhibition of acidâ€induced gastric hyperaemia in the rat. British Journal of Pharmacology, 1996, 119, 1525-1532.	2.7	17
137	Stimulant action of pituitary adenylate cyclase-activating peptide on normal and drug-compromised peristalsis in the guinea-pig intestine. British Journal of Pharmacology, 1999, 127, 763-771.	2.7	17
138	Regulation of Guinea pig intestinal peristalsis by endogenous endothelin acting at ETB receptors. Gastroenterology, 2000, 119, 80-88.	0.6	17
139	Multidrug-resistance gene 1-type p-glycoprotein (MDR1 p-gp) inhibition by tariquidar impacts on neuroendocrine and behavioral processing of stress. Psychoneuroendocrinology, 2007, 32, 1028-1040.	1.3	17
140	Anhedonia induced by high-fat diet in mice depends on gut microbiota and leptin. Nutritional Neuroscience, 2020, , 1-14.	1.5	17
141	Longitudinal contraction of isolated guinea-pig ileum induced by rapid cooling. Naunyn-Schmiedeberg's Archives of Pharmacology, 1979, 310, 169-174.	1.4	16
142	Power games in Austrian science. Nature, 1996, 384, 404-404.	13.7	16
143	Intermittent Fasting Exacerbates the Acute Immune and Behavioral Sickness Response to the Viral Mimic Poly(I:C) in Mice. Frontiers in Neuroscience, 2019, 13, 359.	1.4	16
144	Role of Calcitonin Gene-Related Peptide in Gastrointestinal Blood Flow. Annals of the New York Academy of Sciences, 1992, 657, 228-239.	1.8	15

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145	Neonatal capsaicin treatment does not prevent splanchnic vasodilatation in portal-hypertensive rats. Hepatology, 1994, 20, 1609-1614.	3.6	15
146	5-HT3 receptor antagonists, alosetron and cilansetron, impair mesenteric blood flow in rats. Gastroenterology, 2003, 124, A148.	0.6	15
147	Immunocytochemical characterization of rat brainstem neurons with vagal afferent input from the stomach challenged by acid or ammonia. European Journal of Neuroscience, 2004, 19, 85-92.	1.2	15
148	Neuropeptide <scp>Y</scp> and peptide <scp>YY</scp> protect from weight loss caused by <scp>B</scp>acille <scp>C</scp>almetteâ€“<scp>G</scp>uÃ©rin in mice. British Journal of Pharmacology, 2013, 170, 1014-1026.	2.7	15
149	Mucosal acid challenge activates nitrergic neurons in myenteric plexus of rat stomach. American Journal of Physiology - Renal Physiology, 2001, 281, G1316-G1321.	1.6	14
150	The enantiomers of tramadol and its major metabolite inhibit peristalsis in the guinea pig small intestine via differential mechanisms. BMC Pharmacology, 2007, 7, 5.	0.4	14
151	Inhibition by Female Sex Steroids of Peristalsis in the Guinea Pig Small Intestine. Digestion, 2002, 65, 213-219.	1.2	13
152	Methylnaltrexone for the management of unwanted peripheral opioid effects. Therapy: Open Access in Clinical Medicine, 2008, 5, 531-543.	0.2	13
153	Interoception and Gut Feelings: Unconscious Body Signalsâ€™ Impact on Brain Function, Behavior and Belief Processes. New Approaches To the Scientific Study of Religion, 2017, , 435-442.	0.3	13
154	An enquiry into the mechanism by which substance P facilitates the phasic longitudinal contractions of the rabbit ileum. Journal of Physiology, 1982, 325, 377-392.	1.3	12
155	Pharmacology of Inflammatory Pain: Local Alteration in Receptors and Mediators. Digestive Diseases, 2009, 27, 24-30.	0.8	12
156	Alosetron, cilansetron and tegaserod modify mesenteric but not colonic blood flow in rats. British Journal of Pharmacology, 2009, 158, 1210-1226.	2.7	12
157	Inhibition of acid-induced hyperaemia in the rat stomach by endogenous NK2 receptor ligands. Neuroscience Letters, 1997, 237, 133-135.	1.0	11
158	Mediation by 5-hydroxytryptamine of the femoral vasoconstriction induced by acid challenge of the rat gastric mucosa. Journal of Physiology, 1998, 509, 541-550.	1.3	11
159	Differential effects of clonidine, dopamine, dobutamine, and dopexamine on basal and acid-stimulated mucosal blood flow in the rat stomach. Critical Care Medicine, 2001, 29, 335-343.	0.4	11
160	PACAP-(6â€“38) inhibits the effects of vasoactive intestinal polypeptide, but not PACAP, on the small intestinal circular muscle. European Journal of Pharmacology, 2001, 431, 259-264.	1.7	11
161	Neural Regulation of Gastrointestinal Blood Flow. , 2012, , 817-845.		11
162	[D-Met2,Pro5]enkephalinamide and dynorphin-(1â€“13) inhibit the cholinergic contraction induced in the guinea-pig ileum by substance P. European Journal of Pharmacology, 1983, 91, 83-88.	1.7	10

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163	Dilatation by angiotensin II of the rat femoral arterial bed in vivo via pressure/flow-induced release of nitric oxide and prostaglandins. British Journal of Pharmacology, 1997, 122, 975-984.	2.7	10
164	Lack of peptide YY signaling in mice disturbs gut microbiome composition in response to highâ€fat diet. FASEB Journal, 2021, 35, e21435.	0.2	10
165	Reflex gastric motor inhibition caused by intraperitoneal bradykinin: Antagonism by Hoe 140, a bradykinin antagonist. Peptides, 1992, 13, 1073-1077.	1.2	9
166	Paralytic ileus in a fetusâ€“neonate after maternal intake of benzodiazepine. Prenatal Diagnosis, 1995, 15, 1165-1167.	1.1	9
167	Differential reversal of drug-induced small bowel paralysis by cerulein and neostigmine. Intensive Care Medicine, 2004, 30, 1414-20.	3.9	9
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