Michael Schemann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7663716/publications.pdf

Version: 2024-02-01

205 papers	10,419 citations	30070 54 h-index	42399 92 g-index
240 all docs	240 docs citations	240 times ranked	7606 citing authors

#	Article	IF	Citations
1	Irritable bowel syndrome. Nature Reviews Disease Primers, 2016, 2, 16014.	30.5	674
2	A distinct vagal anti-inflammatory pathway modulates intestinal muscularis resident macrophages independent of the spleen. Gut, 2014, 63, 938-948.	12.1	332
3	The mast cell stabiliser ketotifen decreases visceral hypersensitivity and improves intestinal symptoms in patients with irritable bowel syndrome. Gut, 2010, 59, 1213-1221.	12.1	328
4	Activation of Human Enteric Neurons by Supernatants of Colonic Biopsy Specimens From Patients With Irritable Bowel Syndrome. Gastroenterology, 2009, 137, 1425-1434.	1.3	304
5	Enterococcus faecalis Metalloprotease Compromises Epithelial Barrier and Contributes to Intestinal Inflammation. Gastroenterology, 2011, 141, 959-971.	1.3	246
6	Sensory transmission in the gastrointestinal tract. Neurogastroenterology and Motility, 2007, 19, 1-19.	3.0	245
7	Non-neuronal acetylcholine, a signalling molecule synthezised by surface cells of rat and man. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 355, 515-523.	3.0	241
8	Functional dyspepsia. Nature Reviews Disease Primers, 2017, 3, 17081.	30.5	226
9	Hydrogen Sulfide Is a Novel Prosecretory Neuromodulator in the Guinea-Pig and Human Colon. Gastroenterology, 2006, 131, 1542-1552.	1.3	195
10	Interstitial cells of Cajal integrate excitatory and inhibitory neurotransmission with intestinal slow-wave activity. Nature Communications, 2013, 4, 1630.	12.8	175
11	The human enteric nervous system. Neurogastroenterology and Motility, 2004, 16, 55-59.	3.0	167
12	Postprandial patterns of canine jejunal motility and transit of luminal content. Gastroenterology, 1986, 90, 991-1000.	1.3	151
13	Changes in chemical coding of myenteric neurones in ulcerative colitis. Gut, 2003, 52, 84-90.	12.1	148
14	Neurochemical coding of enteric neurons in the guinea pig stomach. Journal of Comparative Neurology, 1995, 353, 161-178.	1.6	146
15	Neurotransmitter coding of enteric neurones in the submucous plexus is changed in non-inflamed rectum of patients with Crohn's disease. Neurogastroenterology and Motility, 2001, 13, 255-264.	3.0	128
16	A teaching module on cellular control of small intestinal motility. Neurogastroenterology and Motility, 2005, 17, 4-19.	3.0	120
17	Mast cellâ€“nerve axis with a focus on the human gut. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 85-92.	3.8	118
18	Histamine excites neurones in the human submucous plexus through activation of H₁, H₂, H₃ and H₄ receptors. Journal of Physiology, 2007, 583, 731-742.	2.9	117

#	Article	IF	Citations
19	Anti-DPPX encephalitis. Neurology, 2015, 85, 890-897.	1.1	106
20	Effects of IberogastÂ® on Proximal Gastric Volume, Antropyloroduodenal Motility and Gastric Emptying in Healthy Men. American Journal of Gastroenterology, 2007, 102, 1276-1283.	0.4	104
21	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
22	Quantitative assessment of glial cells in the human and guinea pig enteric nervous system with an antiâ€Sox8/9/10 antibody. Journal of Comparative Neurology, 2008, 509, 356-371.	1.6	103
23	Control of Gastrointestinal Motility by the â€œGut Brainâ€• The Enteric Nervous System. Journal of Pediatric Gastroenterology and Nutrition, 2005, 41, S4-S6.	1.8	100
24	Bacterial proteases in IBD and IBS. Gut, 2012, 61, 1610-1618.	12.1	97
25	Characteristics of mucosally projecting myenteric neurones in the guinea-pig proximal colon. Journal of Physiology, 1999, 517, 533-546.	2.9	94
26	Calcitonin gene-related peptide excites myenteric neurons. European Journal of Pharmacology, 1986, 132, 163-170.	3.5	88
27	The effects of age on the overall population and on subpopulations of myenteric neurons in the rat small intestine. Journal of Anatomy, 1998, 192, 479-488.	1.5	87
28	Choline acetyltransferase immunoreactivity in the human small and large intestine. Gastroenterology, 1996, 111, 401-408.	1.3	82
29	Serotonin Excites Neurons in the Human Submucous Plexus via 5-HT3 Receptors. Gastroenterology, 2005, 128, 1317-1326.	1.3	81
30	Sensitivity Testing in Irritable Bowel Syndrome With Rectal Capsaicin Stimulations: Role of TRPV1 Upregulation and Sensitization in Visceral Hypersensitivity?. American Journal of Gastroenterology, 2014, 109, 99-109.	0.4	81
31	Multifunctional rapidly adapting mechanosensitive enteric neurons (RAMEN) in the myenteric plexus of the guinea pig ileum. Journal of Physiology, 2009, 587, 4681-4694.	2.9	77
32	Mucosal projections of enteric neurons in the porcine small intestine. Journal of Comparative Neurology, 2000, 421, 429-436.	1.6	75
33	Functional expression of the peptide transporter PEPT2 in the mammalian enteric nervous system. Journal of Comparative Neurology, 2005, 490, 1-11.	1.6	75
34	Enteric nervous system. Current Opinion in Gastroenterology, 2007, 23, 121-126.	2.3	73
35	Nutrientâ€induced changes in the phenotype and function of the enteric nervous system. Journal of Physiology, 2014, 592, 2959-2965.	2.9	72
36	Substance P and other neuropeptides do not induce mediator release in isolated human intestinal mast cells. Neurogastroenterology and Motility, 2004, 16, 185-193.	3.0	70

#	Article	IF	Citations
37	Neural components of distensionâ€evoked secretory responses in the guineaâ€pig distal colon. Journal of Physiology, 2001, 536, 741-751.	2.9	69
38	Identification of cholinergic neurons in enteric nervous system by antibodies against choline acetyltransferase. American Journal of Physiology - Renal Physiology, 1993, 265, G1005-G1009.	3.4	66
39	Functions and Imaging of Mast Cell and Neural Axis of the Gut. Gastroenterology, 2013, 144, 698-704.e4.	1.3	66
40	Effects of the probiotic yeast Saccharomyces boulardii on the neurochemistry of myenteric neurones in pig jejunum. Neurogastroenterology and Motility, 2004, 16, 53-60.	3.0	65
41	Mechanosensitive Enteric Neurons in the Myenteric Plexus of the Mouse Intestine. PLoS ONE, 2012, 7, e39887.	2.5	64
42	Electrical behaviour of myenteric neurones in the gastric corpus of the guinea-pig.. Journal of Physiology, 1989, 417, 501-518.	2.9	63
43	Region-specific effects of STW 5 (IberogastÂ®) and its components in gastric fundus, corpus and antrum. Phytomedicine, 2006, 13, 90-99.	5.3	63
44	The Diagnosis and Treatment of Functional Dyspepsia. Deutsches Ärzteblatt International, 2018, 115, 222-232.	0.9	63
45	Different subpopulations of cholinergic and nitrergic myenteric neurones project to mucosa and circular muscle of the guinea-pig gastric fundus. Cell and Tissue Research, 1998, 292, 463-475.	2.9	61
46	5â€HT receptors on interstitial cells of Cajal, smooth muscle and enteric nerves. Neurogastroenterology and Motility, 2007, 19, 5-12.	3.0	61
47	Dietâ€induced obesity has neuroprotective effects in murine gastric enteric nervous system: involvement of leptin and glial cell lineâ€derived neurotrophic factor. Journal of Physiology, 2012, 590, 533-544.	2.9	61
48	Ginger and its pungent constituents nonâ€competitively inhibit activation of human recombinant and native 5â€HT‹sub›3‹/sub› receptors of enteric neurons. Neurogastroenterology and Motility, 2013, 25, 439.	3.0	61
49	Human mast cell mediator cocktail excites neurons in human and guinea-pig enteric nervous system. Neurogastroenterology and Motility, 2005, 17, 281-289.	3.0	58
50	All pelvic neurons in male rats contain immunoreactivity for the synthetic enzymes of either noradrenaline or acetylcholine. Neuroscience Letters, 1995, 196, 209-212.	2.1	57
51	Multisite optical recording of excitability in the enteric nervous system. Neurogastroenterology and Motility, 1999, 11, 393-402.	3.0	57
52	The herbal preparation STW5 (IberogastR) has potent and region-specific effects on gastric motility. Neurogastroenterology and Motility, 2004, 16, 765-773.	3.0	57
53	Demonstration of Functional Neuronal Î²3-Adrenoceptors Within the Enteric Nervous System. Gastroenterology, 2007, 133, 175-183.	1.3	56
54	The Mast Cell Degranulator Compound 48/80 Directly Activates Neurons. PLoS ONE, 2012, 7, e52104.	2.5	56

#	Article	IF	Citations
55	Galanin mimics slow synaptic inhibition in myenteric neurons. European Journal of Pharmacology, 1986, 124, 379-380.	3.5	55
56	Enteric nervous system. Current Opinion in Gastroenterology, 2005, 21, 176-182.	2.3	55
57	Subpopulations of Gastric Myenteric Neurons Are Differentially Activated via Distinct Serotonin Receptors: Projection, Neurochemical Coding, and Functional Implications. Journal of Neuroscience, 1997, 17, 8009-8017.	3.6	54
58	MECHANICAL FACTORS REGULATING GASTRIC EMPTYING OF VISCOUS NUTRIENT MEALS IN DOGS. Quarterly Journal of Experimental Physiology (Cambridge, England), 1984, 69, 781-795.	1.0	53
59	Enteric pathways in the stomach. The Anatomical Record, 2001, 262, 47-57.	1.8	50
60	Synaptic behaviour of myenteric neurones in the gastric corpus of the guinea-pig.. Journal of Physiology, 1989, 417, 519-535.	2.9	49
61	Choline acetyltransferase-like immunoreactivity in small diameter neurones of the rat dorsal root ganglion. Neuroscience Letters, 1995, 198, 17-20.	2.1	49
62	Identification of motor neurons to the circular muscle of the guinea pig gastric corpus. , 1998, 397, 268-280.		49
63	Projections and neurochemical coding of myenteric neurons innervating the mucosa of the guinea pig proximal colon. Cell and Tissue Research, 1996, 287, 119-125.	2.9	48
64	Cholinergic neurons of the pelvic autonomic ganglia and uterus of the female rat: distribution of axons and presence of muscarinic receptors. Cell and Tissue Research, 1999, 296, 293.	2.9	48
65	Electrophysiological identification of vagally innervated enteric neurons in guinea pig stomach. American Journal of Physiology - Renal Physiology, 1992, 263, G709-G718.	3.4	47
66	Mechanosensitivity in the enteric nervous system. Frontiers in Cellular Neuroscience, 2015, 9, 408.	3.7	47
67	Virokinin, a Bioactive Peptide of the Tachykinin Family, Is Released from the Fusion Protein of Bovine Respiratory Syncytial Virus. Journal of Biological Chemistry, 2003, 278, 46854-46861.	3.4	46
68	III. Imaging and the gastrointestinal tract: mapping the human enteric nervous system. American Journal of Physiology - Renal Physiology, 2002, 282, G919-G925.	3.4	45
69	Multifunctional mechanosensitive neurons in the enteric nervous system. Autonomic Neuroscience: Basic and Clinical, 2010, 153, 21-25.	2.8	45
70	Submucous rather than myenteric neurons are activated by mucosal biopsy supernatants from irritable bowel syndrome patients. Neurogastroenterology and Motility, 2012, 24, 1134.	3.0	45
71	Immunocytochemical analysis of potential neurotransmitters present in the myenteric plexus and muscular layers of the corpus of the guinea pig stomach. The Anatomical Record, 1989, 224, 431-442.	1.8	44
72	Changes in fibre populations of the rat hairy skin following selective chemodenervation by capsaicin. Cell and Tissue Research, 1999, 296, 471-477.	2.9	44

#	Article	IF	Citations
73	Enteric nervous system. Current Opinion in Gastroenterology, 2006, 22, 102-110.	2.3	44
74	Signaling mechanisms involved in the intestinal pro-secretory actions of hydrogen sulfide. Neurogastroenterology and Motility, 2010, 22, 1224-e320.	3.0	44
75	Using human intestinal biopsies to study the pathogenesis of irritable bowel syndrome. Neurogastroenterology and Motility, 2014, 26, 455-469.	3.0	44
76	Innervation pattern of guinea pig pulmonary vasculature depends on vascular diameter. Journal of Applied Physiology, 1997, 82, 426-434.	2.5	43
77	In vitromotility disorders associated with displaced abomasum in dairy cows. Neurogastroenterology and Motility, 1998, 10, 395-401.	3.0	43
78	Fast calcium and voltageâ€sensitive dye imaging in enteric neurones reveal calcium peaks associated with single action potential discharge. Journal of Physiology, 2011, 589, 5941-5947.	2.9	41
79	Structure and chemical coding of human, canine and opossum gallbladder ganglia. Cell and Tissue Research, 1996, 284, 289-302.	2.9	40
80	Different tachykinin receptors mediate chloride secretion in the distal colon through activation of submucosal neurones. Naunyn-Schmiedeberg's Archives of Pharmacology, 1999, 359, 71-79.	3.0	40
81	Neurochemical coding of myenteric neurons in the guinea-pig antrum. Cell and Tissue Research, 1999, 297, 81-90.	2.9	40
82	Activity of Protease-Activated Receptors in the Human Submucous Plexus. Gastroenterology, 2011, 141, 2088-2097.e1.	1.3	40
83	Polarized enteric submucosal circuits involved in secretory responses of the guinea-pig proximal colon. Journal of Physiology, 1998, 506, 539-550.	2.9	38
84	Toxin B ofClostridium difficileactivates human VIP submucosal neurons, in part via an IL-1Î²-dependent pathway. American Journal of Physiology - Renal Physiology, 2003, 285, G1049-G1055.	3.4	38
85	The multiâ€herbal drug STWâ€ƒ5 (Iberogast^{Â®}) has prosecretory action in the human intestine. Neurogastroenterology and Motility, 2009, 21, 1203.	3.0	38
86	Irritable Bowel Syndrome. Deutsches Ärzteblatt International, 2011, 108, 751-60.	0.9	37
87	Mechanical stress activates neurites and somata of myenteric neurons. Frontiers in Cellular Neuroscience, 2015, 9, 342.	3.7	37
88	Gastric emptying after roux-y and billroth-I gastrectomy depends on viscosity of meal and contractile patterns of small intestine in dogs. Digestive Diseases and Sciences, 1987, 32, 529-537.	2.3	36
89	Nitric oxide synthase, choline acetyltransferase, catecholamine enzymes and neuropeptides and their colocalization in the anterior pelvic ganglion, the inferior mesenteric ganglion and the hypogastric nerve of the male guinea pig. Journal of Chemical Neuroanatomy, 1997, 14, 33-49.	2.1	36
90	Neuronal activation by mucosal biopsy supernatants from irritable bowel syndrome patients is linked to visceral sensitivity. Experimental Physiology, 2014, 99, 1299-1311.	2.0	36

#	Article	IF	Citations
91	Selective Activation of Human Intestinal Mast Cells by Escherichia coli Hemolysin. Journal of Immunology, 2008, 181, 1438-1445.	0.8	35
92	Nicotine Attenuates Activation of Tissue Resident Macrophages in the Mouse Stomach through the Î²2 Nicotinic Acetylcholine Receptor. PLoS ONE, 2013, 8, e79264.	2.5	35
93	Effects of tachykinins on myenteric neurones of the guinea-pig gastric corpus: involvement of NK-3 receptors. Pflugers Archiv European Journal of Physiology, 1991, 419, 566-571.	2.8	34
94	Immunohistochemical evidence for the presence of calbindin containing neurones in the myenteric plexus of the guinea-pig stomach. Neuroscience Letters, 1999, 270, 71-74.	2.1	34
95	Mechanical characteristics of phase II and phase III of the interdigestive migrating motor complex in dogs. Gastroenterology, 1986, 91, 117-123.	1.3	33
96	Projections of excitatory and inhibitory motor neurones to the circular and longitudinal muscle of the guinea pig colon. Cell and Tissue Research, 2001, 305, 325-330.	2.9	33
97	Computerised method for pattern recognition of intestinal motility: Functional significance of the spread of contractions. Medical and Biological Engineering and Computing, 1985, 23, 143-149.	2.8	32
98	Small intensely fluorescent cells of the rat paracervical ganglion synthesize adrenaline, receive afferent innervation from postganglionic cholinergic neurones, and contain muscarinic receptors. Brain Research, 1999, 821, 141-149.	2.2	32
99	Ruminal muscle of sheep is innervated by non-polarized pathways of cholinergic and nitrergic myenteric neurones. Cell and Tissue Research, 2002, 309, 347-354.	2.9	32
100	Protease signaling through protease activated receptor 1 mediate nerve activation by mucosal supernatants from irritable bowel syndrome but not from ulcerative colitis patients. PLoS ONE, 2018, 13, e0193943.	2.5	32
101	Capsaicin-sensitive extrinsic afferents are involved in acid-induced activation of distinct myenteric neurons in the rat stomach. Neurogastroenterology and Motility, 2003, 15, 33-44.	3.0	31
102	Anti-Hu antibodies activate enteric and sensory neurons. Scientific Reports, 2016, 6, 38216.	3.3	31
103	Neural influences on human intestinal epithelium in vitro. Journal of Physiology, 2016, 594, 357-372.	2.9	30
104	Choline acetyltransferase-immunoreactive neurones in a prevertebral sympathetic ganglion, the inferior mesenteric ganglion. Journal of the Autonomic Nervous System, 1995, 54, 195-205.	1.9	29
105	Projections and neurochemical coding of motor neurones to the circular and longitudinal muscle of the guinea pig gastric corpus. Pflugers Archiv European Journal of Physiology, 2000, 440, 393-408.	2.8	29
106	Calcium Imaging of Nerve-Mast Cell Signaling in the Human Intestine. Frontiers in Physiology, 2017, 8, 971.	2.8	29
107	Ascending choline acetyltransferase and descending nitric oxide synthase immunoreactive neurones of the myenteric plexus project to the mucosa of the guinea pig gastric corpus. Neuroscience Letters, 1998, 241, 61-64.	2.1	28
108	Effect of hyoscine butylbromide (Buscopan^{Â®}) on cholinergic pathways in the human intestine. Neurogastroenterology and Motility, 2013, 25, e530-9.	3.0	28

#	Article	IF	Citations
109	Mechanosensitive enteric neurons in the guinea pig gastric corpus. Frontiers in Cellular Neuroscience, 2015, 9, 430.	3.7	27
110	5-Hydroxytryptophan and Cisapride Stimulate Propulsive Jejunal Motility and Transit of Chyme in Dogs. Digestion, 1986, 34, 229-235.	2.3	25
111	Effects of the inflammatory mediator prostaglandin D2 on submucosal neurons and secretion in guinea pig colon. American Journal of Physiology - Renal Physiology, 1994, 266, G132-G139.	3.4	25
112	Enkephalin-immunoreactive subpopulations in the myenteric plexus of the guinea-pig fundus project primarily to the muscle and not to the mucosa. Cell and Tissue Research, 1998, 294, 45-55.	2.9	25
113	Mucosa of the guinea pig gastric corpus is innervated by myenteric neurones with specific neurochemical coding and projection preferences. Journal of Comparative Neurology, 1999, 410, 489-502.	1.6	25
114	Role of hydrogen sulfide in visceral nociception. Gut, 2009, 58, 744-747.	12.1	25
115	Neuropharmacology of purinergic receptors in human submucous plexus: Involvement of P2X1, P2X2, P2X3 channels, P2Y and A3 metabotropic receptors in neurotransmission. Neuropharmacology, 2015, 95, 83-99.	4.1	25
116	Presynaptic inhibitory effects of the peptides NPY, PYY and PP on nicotinic EPSPs in guineaâ€pig gastric myenteric neurones.. Journal of Physiology, 1992, 451, 79-89.	2.9	24
117	Differential projection of cholinergic and nitroxidergic neurons in the myenteric plexus of guinea pig stomach. American Journal of Physiology - Renal Physiology, 1995, 269, G186-G195.	3.4	24
118	Polarised innervation pattern of the mucosa of the guinea pig distal colon. Neuroscience Letters, 1998, 246, 161-164.	2.1	24
119	To learn, to remember, to forgetâ€"How smart is the gut?. Acta Physiologica, 2020, 228, e13296.	3.8	23
120	Glycine activates myenteric neurones in adult guineaâ€pigs. Journal of Physiology, 2001, 536, 727-739.	2.9	22
121	Colocalization of ChAT, DÎ²H and NADPH-d in the pancreatic neurons of the newborn guinea pig. Cell and Tissue Research, 1998, 294, 227-231.	2.9	21
122	The Î²3-Adrenoceptor Agonist GW427353 (Solabegron) Decreases Excitability of Human Enteric Neurons via Release of Somatostatin. Gastroenterology, 2010, 138, 266-274.	1.3	21
123	Piezo proteins: incidence and abundance in the enteric nervous system. Is there a link with mechanosensitivity?. Cell and Tissue Research, 2019, 375, 605-618.	2.9	21
124	Differential Effects of Inflammatory Mediators on Ion Secretion in the Guinea-Pig Colon. Comparative Biochemistry and Physiology A, Comparative Physiology, 1997, 118, 341-343.	0.6	20
125	Activity of Protease-Activated Receptors in Primary Cultured Human Myenteric Neurons. Frontiers in Neuroscience, 2012, 6, 133.	2.8	20
126	Properties of myenteric neurones and mucosal functions in the distal colon of dietâ€induced obese mice. Journal of Physiology, 2013, 591, 5125-5139.	2.9	20

#	Article	IF	Citations
127	Reduced Responses of Submucous Neurons from Irritable Bowel Syndrome Patients to a Cocktail Containing Histamine, Serotonin, TNFÎ±, and Tryptase (IBS-Cocktail). Frontiers in Neuroscience, 2015, 9, 465.	2.8	20
128	Imaging of mast cells. Immunological Reviews, 2018, 282, 58-72.	6.0	20
129	Excitatory and inhibitory effects of norepinephrine on myenteric neurons of the guinea-pig gastric corpus. Pflugers Archiv European Journal of Physiology, 1991, 418, 575-580.	2.8	19
130	Effects of neurohormonal agents on jejunal contraction spread and transit in the fed dog. Gastroenterology, 1986, 90, 1950-1955.	1.3	18
131	Neurogenic inflammation in the gastrointestinal tract of the rat. Neuroscience Letters, 1996, 219, 147-150.	2.1	18
132	Presence of putative neurotransmitters in the myenteric plexus of the gastrointestinal tract and in the musculature of the urinary bladder of the ferret. Neurogastroenterology and Motility, 1998, 10, 35-47.	3.0	18
133	Neuronal cGMP kinase I is essential for stimulation of duodenal bicarbonate secretion by luminal acid. FASEB Journal, 2012, 26, 1745-1754.	0.5	18
134	The Utility of Cellulose Meals for Studies on Gastrointestinal Motility in Dogs. Digestion, 1982, 25, 194-196.	2.3	17
135	Effects of prostaglandin F2?(PGF2?) and prostaglandin I2 (PGI2) on nerve-mediated secretion in guinea-pig colon. Pflugers Archiv European Journal of Physiology, 1995, 431, 212-220.	2.8	17
136	Extrinsic intestinal denervation modulates tumor development in the small intestine of ApcMin/+ mice. Journal of Experimental and Clinical Cancer Research, 2015, 34, 39.	8.6	17
137	Mucosal projections of enteric neurons in the porcine small intestine. Journal of Comparative Neurology, 2000, 421, 429-36.	1.6	17
138	Leukotriene-evoked cyclic chloride secretion is mediated by enteric neuronal modulation in guinea-pig colon. Naunyn-Schmiedeberg's Archives of Pharmacology, 1997, 355, 625-630.	3.0	16
139	Recordings from human myenteric neurons using voltage-sensitive dyes. Journal of Neuroscience Methods, 2010, 192, 240-248.	2.5	16
140	Sensitivity to Strain and Shear Stress of Isolated Mechanosensitive Enteric Neurons. Neuroscience, 2018, 372, 213-224.	2.3	16
141	The Enteric Nervous System: Region and Target Specific Projections and Neurochemical Codes. European Journal of Morphology, 1999, 37, 233-240.	0.8	16
142	Age-associated plasticity in the intrinsic innervation of the ovine rumen. Journal of Anatomy, 2003, 203, 277-282.	1.5	15
143	Leptin excites enteric neurons of guinea-pig submucous and myenteric plexus. Neurogastroenterology and Motility, 2011, 23, e165-e170.	3.0	15
144	bisâ€(pâ€hydroxyphenyl)â€pyridylâ€2â€methane (<scp>BHPM</scp>)â€”the active metabolite of the laxatives bisacodyl and sodium picosulfateâ€”enhances contractility and secretion in human intestine in vitro. Neurogastroenterology and Motility, 2018, 30, e13311.	3.0	15

#	Article	IF	Citations
145	Computer analysis of intestinal motility: effects of cholecystokinin and neurotensin on jejunal contraction patterns. Zeitschrift Fur Gastroenterologie, 1986, 24, 262-8.	0.5	15
146	Innervation of the fibro-elastic type of the penis: an immunohistochemical study in the male pig. Acta Histochemica, 1999, 101, 71-101.	1.8	14
147	Projections and neurochemistry of interneurones in the myenteric plexus of the guinea-pig gastric corpus. Neuroscience Letters, 2000, 295, 109-112.	2.1	14
148	Mucosal acid challenge activates nitrergic neurons in myenteric plexus of rat stomach. American Journal of Physiology - Renal Physiology, 2001, 281, G1316-G1321.	3.4	14
149	Therapy-refractory gastrointestinal motility disorder in a child with c-kit mutations. World Journal of Gastroenterology, 2010, 16, 4363.	3.3	14
150	High prevalence and functional effects of serum antineuronal antibodies in patients with gastrointestinal disorders. Neurogastroenterology and Motility, 2018, 30, e13292.	3.0	13
151	Cholinergic and noncholinergic innervation of the smooth muscle layers in the bovine abomasum. The Anatomical Record, 2002, 267, 70-77.	1.8	12
152	Extracts from peppermint leaves, lemon balm leaves and in particular angelica roots mimic the pro-secretory action of the herbal preparation STW 5 in the human intestine. Phytomedicine, 2015, 22, 1063-1070.	5.3	12
153	Human native kappa opioid receptor functions not predicted by recombinant receptors: Implications for drug design. Scientific Reports, 2016, 6, 30797.	3.3	12
154	Reticular groove and reticulum are innervated by myenteric neurons with different neurochemical codes. , 2003, 274A, 917-922.		11
155	From the new editorial team: a call to members and societies to organize and action!. Neurogastroenterology and Motility, 2003, 15, 1-2.	3.0	11
156	Prostaglandin E₂ (PGE₂)â€evolted chloride secretion in guineaâ€pig colon is mediated by nerveâ€dependent and nerveâ€independent mechanisms. Neurogastroenterology and Motility, 1994, 6, 95-102.	3.0	11
157	Targeting nNOS ameliorates the severe neuropathic pain due to chronic pancreatitis. EBioMedicine, 2019, 46, 431-443.	6.1	11
158	Neurochemically distinct myenteric neurone populations containing calbindin have specific distribution patterns around the circumference of the gastric corpus. Cell and Tissue Research, 2001, 303, 319-328.	2.9	10
159	Message from the Editors: Consolidation. Neurogastroenterology and Motility, 2004, 16, 1-1.	3.0	10
160	Truncated IRAG variants modulate cGMP-mediated inhibition of human colonic smooth muscle cell contraction. American Journal of Physiology - Cell Physiology, 2011, 301, C1445-C1457.	4.6	10
161	Compression and stretch sensitive submucosal neurons of the porcine and human colon. Scientific Reports, 2020, 10, 13791.	3.3	10
162	The enteric nervous system: â€œA little brain in theÂgutâ€• Neuroforum, 2020, 26, 31-42.	0.3	10

#	Article	IF	Citations
163	Rhein Stimulates Electrogenic Chloride Secretion by Activation of Submucosal Neurons in Guinea Pig Colon. Pharmacology, 1993, 47, 70-76.	2.2	9
164	Preganglionic sympathetic neurones, innervating the guinea pig adrenal medulla, immunohistochemically contain choline acetyltransferase and also leu-enkephalin. Neuroscience Letters, 1995, 190, 155-158.	2.1	9
165	Neurochemical coding and projection patterns of gastrin-releasing peptide-immunoreactive myenteric neurone subpopulations in the guinea-pig gastric fundus. Journal of Chemical Neuroanatomy, 2000, 19, 93-104.	2.1	9
166	Actions of sumatriptan on myenteric neurones: relief from an old headache in the enteric nervous system?. Neurogastroenterology and Motility, 2007, 19, 1-3.	3.0	9
167	5â€Hydroxytryptamineâ€Mediated Responses in Myenteric Neurons of the Guinea Pig Gastric Corpus: Effect of ICS 205â€“930 and Cisapride. Neurogastroenterology and Motility, 1991, 3, 255-262.	3.0	9
168	Serotonin in the gut: pretty when it gets down to the nitty gritty. Neurogastroenterology and Motility, 2004, 16, 507-509.	3.0	8
169	Inflammatory Mediators Influencing Submucosal Secretory Reflexes. Annals of the New York Academy of Sciences, 2000, 915, 98-101.	3.8	8
170	Republished: Bacterial proteases in IBD and IBS. Postgraduate Medical Journal, 2013, 89, 25-33.	1.8	8
171	Tryptase potentiates enteric nerve activation by histamine and serotonin: Relevance for the effects of mucosal biopsy supernatants from irritable bowel syndrome patients. Neurogastroenterology and Motility, 2017, 29, e13070.	3.0	8
172	Translating the seminal findings of Carl LÃ¼deritz: A description in English of his extraordinary studies of gastrointestinal motility accompanied by a historical view of peristalsis. Neurogastroenterology and Motility, 2021, 33, e13995.	3.0	7
173	Metabotropic 5â€HT receptorâ€mediated effects in the human submucous plexus. Neurogastroenterology and Motility, 2022, , e14380.	3.0	7
174	Alpha-adrenoreceptor modulation of neurally evoked circular muscle responses of the guinea pig stomach. Journal of the Autonomic Nervous System, 1992, 40, 57-62.	1.9	6
175	Co-localization of glutamate, choline acetyltransferase and glycine in the mammalian vestibular ganglion and periphery. NeuroReport, 1999, 10, 3517-3521.	1.2	6
176	Intrinsic innervation patterns of the smooth muscle in the rumen and reticulum of lambs. Journal of Anatomy, 2004, 204, 293-299.	1.5	6
177	Recording from human gut tissue: a major step towards more efficient drug development?. Gut, 2011, 60, 151-152.	12.1	6
178	Peppermint and caraway oils have muscle inhibitory and proâ€secretory activity in the human intestine in vitro. Neurogastroenterology and Motility, 2020, 32, e13748.	3.0	6
179	Effects of the herbal preparation STW 5â€‰on in vitro muscle activity in the guinea pig stomach. Neurogastroenterology and Motility, 2021, 33, e13984.	3.0	6
180	Motor Control of the Stomach. , 2002, , 57-102.		6

#	Article	IF	Citations
181	Structural and functional organization of the enteric nervous system in the stomach. DTW Deutsche TierÃrztliche Wochenschrift, 1998, 105, 461-5.	0.2	6
182	Postâ€•and presynaptic effects of norepinephrine in guineaâ€pig colonic submucous plexus. Neurogastroenterology and Motility, 1998, 10, 123-130.	3.0	5
183	Submucosal enteric neurons of the cavine distal colon are sensitive to hypoosmolar stimuli. Journal of Physiology, 2020, 598, 5317-5332.	2.9	5
184	Fast synaptic excitatory neurotransmission in the human submucosal plexus. Neurogastroenterology and Motility, 2021, 33, e14164.	3.0	5
185	Motor control of the stomach. European Review for Medical and Pharmacological Sciences, 2008, 12 Suppl 1, 41-51.	0.7	5
186	A teaching module on irritable bowel syndrome. Neurogastroenterology and Motility, 2005, 17, 20-40.	3.0	4
187	Excitation of Enteric Neurons by Supernatants of Colonic Biopsies From Irritable Bowel Syndrome Patients (IBS) is Linked to Visceral Sensitivity. Gastroenterology, 2011, 140, S-521.	1.3	4
188	Irritable Bowel Syndrome â€“ dissection of a disease. Zeitschrift Fur Gastroenterologie, 2017, 55, 679-684.	0.5	4
189	Regionâ€specific effects of the cysteine protease papain on gastric motility. Neurogastroenterology and Motility, 2021, 33, e14105.	3.0	4
190	Properties and Functional Aspects of the Enteric Nervous System. , 1999, , 3-11.		4
191	Autoimmune encephalitis and gastrointestinal dysmotility: achalasia, gastroparesis, and slow transit constipation. Zeitschrift Fur Gastroenterologie, 2020, 58, 975-981.	0.5	4
192	Calbindin-immunoreactive neurones in the ovine rumen. , 2004, 278A, 528-532.		3
193	Important notice for authors: impact, paper length, and prize. Neurogastroenterology and Motility, 2005, 17, 1-1.	3.0	2
194	Education project for pathophysiology of gastrointestinal motility. Neurogastroenterology and Motility, 2005, 17, 2-3.	3.0	2
195	Paraprobiotics for irritable bowel syndrome: all that glitters is not gold. The Lancet Gastroenterology and Hepatology, 2020, 5, 797.	8.1	2
196	Enteric Nervous System: Disorders. , 2009, , 1077-1082.		1
197	The effects of age on the overall population and on subpopulations of myenteric neurons in the rat small intestine. , 0, .		1
198	Pharmacology of a gut motility stimulating enkephalin analogue. Arzneimittelforschung, 1985, 35, 1417-26.	0.4	1

#	Article	IF	Citations
199	Comparative neurogastroenterology: exotic or erotic?. Neurogastroenterology and Motility, 1999, 11, i-ii.	3.0	0
200	Neurogastroenterology and Motility goes HOT. Neurogastroenterology and Motility, 2003, 15, 87-87.	3.0	0
201	Update on Journal Impact. Neurogastroenterology and Motility, 2004, 16, 505-505.	3.0	0
202	Shaping enteric neurosciences for the future. Neurogastroenterology and Motility, 2005, 17, 775-776.	3.0	0
203	Obituary â€•Hans JÃ¶rg Ehrlein. Neurogastroenterology and Motility, 2017, 29, e13159.	3.0	0
204	From watery and fluffy to soft and formed: What shapes our stool?. Journal of Physiology, 2021, 599, 4521-4522.	2.9	0
205	Das Screening auf MangelernÃhrung ist bei Patienten mit COVID-19 nicht effektiv. Zeitschrift Fur Gastroenterologie, 2021, 59, .	0.5	0