John B. Furness

List of Publications by Year in Descending Order

373 papers	25,363 citations	90 h-index	144 g-index
380 ext. papers	27,188 ext. citations	4.6 avg, IF	7.08 L-index

#	Paper	IF	Citations
373	Morphologies, dimensions and targets of gastric nitric oxide synthase neurons.. *Cell and Tissue Research*, **2022**, 1	4.2	0
372	Analysis of Bioavailability and Induction of Glutathione Peroxidase by Dietary Nanoelemental, Organic and Inorganic Selenium. *Nutrients*, **2021**, 13,	6.7	4
371	Dopamine and ghrelin receptor co-expression and interaction in the spinal defecation centers. *Neurogastroenterology and Motility*, **2021**, 33, e14051	4	5
370	Morphologies and distributions of 5-HT containing enteroendocrine cells in the mouse large intestine. *Cell and Tissue Research*, **2021**, 384, 275-286	4.2	2
369	5-HT containing enteroendocrine cells characterised by morphologies, patterns of hormone co-expression, and relationships with nerve fibres in the mouse gastrointestinal tract. *Histochemistry and Cell Biology*, **2021**, 155, 623-636	2.4	4
368	Neuronal regulation of the gut immune system and neuromodulation for treating inflammatory bowel disease. *FASEB BioAdvances*, **2021**, 3, 953-966	2.8	2
367	A Novel Antagonist Peptide Reveals a Physiological Role of Insulin-Like Peptide 5 in Control of Colorectal Function. *ACS Pharmacology and Translational Science*, **2021**, 4, 1665-1674	5.9	1
366	Autonomic neuromuscular junctions. *Autonomic Neuroscience: Basic and Clinical*, **2021**, 234, 102816	2.4	0
365	G protein-coupled receptor interactions and modification of signalling involving the ghrelin receptor, GHSR1a.. *Journal of Neuroendocrinology*, **2021**, e13077	3.8	0
364	Transmural impedance detects graded changes of inflammation in experimental colitis. *Royal Society Open Science*, **2020**, 7, 191819	3.3	
363	A new algorithm for drift compensation in multi-unit recordings of action potentials in peripheral autonomic nerves over time. *Journal of Neuroscience Methods*, **2020**, 338, 108683	3	2
362	Investigation of nerve pathways mediating colorectal dysfunction in Parkinson's disease model produced by lesion of nigrostriatal dopaminergic neurons. *Neurogastroenterology and Motility*, **2020**, 32, e13893	4	6
361	Colokinetic effect of an insulin-like peptide 5-related agonist of the RXFP4 receptor. *Neurogastroenterology and Motility*, **2020**, 32, e13796	4	7
360	Effects and sites of action of a M1 receptor positive allosteric modulator on colonic motility in rats and dogs compared with 5-HT agonism and cholinesterase inhibition. *Neurogastroenterology and Motility*, **2020**, 32, e13866	4	2
359	The Effect of Heat Stress on Respiratory Alkalosis and Insulin Sensitivity in Cinnamon Supplemented Pigs. *Animals*, **2020**, 10,	3.1	5
358	Chronic isolation stress is associated with increased colonic and motor symptoms in the A53T mouse model of Parkinson's disease. *Neurogastroenterology and Motility*, **2020**, 32, e13755	4	4
357	Design, synthesis and characterization of a fluorescently labeled functional analog of full-length human ghrelin. *Biochemical and Biophysical Research Communications*, **2020**, 533, 559-564	3.4	

356	The effect of high-fat diet-induced metabolic disturbance on corneal neuroimmune features. *Experimental Eye Research*, **2020**, 201, 108298	3.7	2
355	The identification of neuronal control pathways supplying effector tissues in the stomach. *Cell and Tissue Research*, **2020**, 382, 433-445	4.2	5
354	Betaine and Isoquinoline Alkaloids Protect against Heat Stress and Colonic Permeability in Growing Pigs. *Antioxidants*, **2020**, 9,	7.1	11
353	Quantitation and chemical coding of enteroendocrine cell populations in the human jejunum. *Cell and Tissue Research*, **2020**, 379, 109-120	4.2	5
352	Anti-inflammatory Effects of Abdominal Vagus Nerve Stimulation on Experimental Intestinal Inflammation. *Frontiers in Neuroscience*, **2019**, 13, 418	5.1	28
351	Distributions and relationships of chemically defined enteroendocrine cells in the rat gastric mucosa. *Cell and Tissue Research*, **2019**, 378, 33-48	4.2	9
350	Muscarinic receptor 1 allosteric modulators stimulate colorectal emptying in dog, mouse and rat and resolve constipation. *Neurogastroenterology and Motility*, **2019**, 31, e13692	4	3
349	Distribution and co-expression patterns of specific cell markers of enteroendocrine cells in pig gastric epithelium. *Cell and Tissue Research*, **2019**, 378, 457-469	4.2	3
348	Dietary Betaine Improves Intestinal Barrier Function and Ameliorates the Impact of Heat Stress in Multiple Vital Organs as Measured by Evans Blue Dye in Broiler Chickens. *Animals*, **2019**, 10,	3.1	17
347	Bioelectric neuromodulation for gastrointestinal disorders: effectiveness and mechanisms. *Nature Reviews Gastroenterology and Hepatology*, **2019**, 16, 89-105	24.2	56
346	Relationships of endocrine cells to each other and to other cell types in the human gastric fundus and corpus. *Cell and Tissue Research*, **2019**, 376, 37-49	4.2	21
345	An objective diagnostic method for inflammatory bowel disease. *Royal Society Open Science*, **2018**, 5, 180107	3.3	4
344	The first brain: Species comparisons and evolutionary implications for the enteric and central nervous systems. *Neurogastroenterology and Motility*, **2018**, 30, e13234	4	50
343	Modeling experimental recordings of vagal afferent signaling of intestinal inflammation for neuromodulation. *Journal of Neural Engineering*, **2018**, 15, 056032	5	3
342	Neural pathways for colorectal control, relevance to spinal cord injury and treatment: a narrative review. *Spinal Cord*, **2018**, 56, 199-205	2.7	24
341	Betaine and Antioxidants Improve Growth Performance, Breast Muscle Development and Ameliorate Thermoregulatory Responses to Cyclic Heat Exposure in Broiler Chickens. *Animals*, **2018**, 8,	3.1	43
340	Diversity of enteroendocrine cells investigated at cellular and subcellular levels: the need for a new classification scheme. *Histochemistry and Cell Biology*, **2018**, 150, 693-702	2.4	27
339	Costorage of Enteroendocrine Hormones Evaluated at the Cell and Subcellular Levels in Male Mice. *Endocrinology*, **2017**, 158, 2113-2123	4.8	39

338	Heterogeneity of enterochromaffin cells within the gastrointestinal tract. *Neurogastroenterology and Motility*, **2017**, 29, e13101	4	33
337	Distribution and characterisation of CCK containing enteroendocrine cells of the mouse small and large intestine. *Cell and Tissue Research*, **2017**, 369, 245-253	4.2	24
336	The physiological relevance of constriction of mesenteric arteries by topically applied noradrenaline. *Journal of Physiology*, **2017**, 595, 6783-6784	3.9	2
335	Signalling from the gut lumen. *Animal Production Science*, **2017**, 57, 2175	1.4	5
334	Evidence that central pathways that mediate defecation utilize ghrelin receptors but do not require endogenous ghrelin. *Physiological Reports*, **2017**, 5, e13385	2.6	10
333	Analysis of enteroendocrine cell populations in the human colon. *Cell and Tissue Research*, **2017**, 367, 161-168	4.2	23
332	Des-acyl ghrelin inhibits the capacity of macrophages to stimulate the expression of aromatase in breast adipose stromal cells. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 170, 49-53	5.1	12
331	Ghrelin and Motilin Control Systems in GI Physiology and Therapeutics. *Handbook of Experimental Pharmacology*, **2017**, 239, 379-416	3.2	11
330	Legumain is activated in macrophages during pancreatitis. *American Journal of Physiology - Renal Physiology*, **2016**, 311, G548-60	5.1	19
329	A Novel Mutation in Nucleoporin 35 Causes Murine Degenerative Colonic Smooth Muscle Myopathy. *American Journal of Pathology*, **2016**, 186, 2254-61	5.8	9
328	Restoration of intestinal function in an MPTP model of Parkinson's Disease. *Scientific Reports*, **2016**, 6, 30269	4.9	20
327	The role of the gut microbiota in NAFLD. *Nature Reviews Gastroenterology and Hepatology*, **2016**, 13, 412-25	24.2	459
326	An X-ray fluorescence microscopic analysis of the tissue surrounding the multi-channel cochlear implant electrode array. *Cochlear Implants International*, **2016**, 17, 129-31	1.7	16
325	The chemical coding of 5-hydroxytryptamine containing enteroendocrine cells in the mouse gastrointestinal tract. *Cell and Tissue Research*, **2016**, 364, 489-497	4.2	31
324	Ghrelin and motilin receptors as drug targets for gastrointestinal disorders. *Nature Reviews Gastroenterology and Hepatology*, **2016**, 13, 38-48	24.2	84
323	Ghrelin and Breast Cancer: Emerging Roles in Obesity, Estrogen Regulation, and Cancer. *Frontiers in Oncology*, **2016**, 6, 265	5.3	12
322	Dietary advanced glycation end-products aggravate non-alcoholic fatty liver disease. *World Journal of Gastroenterology*, **2016**, 22, 8026-40	5.6	36
321	Effects of Food Components That Activate TRPA1 Receptors on Mucosal Ion Transport in the Mouse Intestine. *Nutrients*, **2016**, 8,	6.7	17

320	Integrated Neural and Endocrine Control of Gastrointestinal Function. *Advances in Experimental Medicine and Biology*, **2016**, 891, 159-73	3.6	44
319	Selenium and vitamin E together improve intestinal epithelial barrier function and alleviate oxidative stress in heat-stressed pigs. *Experimental Physiology*, **2016**, 101, 801-10	2.4	81
318	Analysis of the ghrelin receptor-independent vascular actions of ulimorelin. *European Journal of Pharmacology*, **2015**, 752, 34-9	5.3	6
317	Developing a spinal cord injury research strategy using a structured process of evidence review and stakeholder dialogue. Part III: outcomes. *Spinal Cord*, **2015**, 53, 729-37	2.7	9
316	Humans as cucinivores: comparisons with other species. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2015**, 185, 825-34	2.2	7
315	Differences in hormone localisation patterns of K and L type enteroendocrine cells in the mouse and pig small intestine and colon. *Cell and Tissue Research*, **2015**, 359, 693-698	4.2	48
314	COMPARATIVE GUT PHYSIOLOGY SYMPOSIUM: Comparative physiology of digestion. *Journal of Animal Science*, **2015**, 93, 485-91	0.7	25
313	Site and mechanism of the colokinetic action of the ghrelin receptor agonist, HM01. *Neurogastroenterology and Motility*, **2015**, 27, 1764-71	4	16
312	A ghrelin receptor agonist is an effective colokinetic in rats with diet-induced constipation. *Neurogastroenterology and Motility*, **2015**, 27, 610-7	4	15
311	Surgical Intervention to Rescue Hirschsprung Disease in a Rat Model. *Journal of Neurogastroenterology and Motility*, **2015**, 21, 552-9	4.4	8
310	Pharmacokinetics of the ghrelin agonist capromorelin in a single ascending dose Phase-I safety trial in spinal cord-injured and able-bodied volunteers. *Spinal Cord*, **2015**, 53, 103-8	2.7	19
309	Nutritional strategies to alleviate heat stress in pigs. *Animal Production Science*, **2015**, 55, 1391	1.4	28
308	Ghrelin and des-acyl ghrelin inhibit aromatase expression and activity in human adipose stromal cells: suppression of cAMP as a possible mechanism. *Breast Cancer Research and Treatment*, **2014**, 147, 193-201	4.4	22
307	Glucagon-like peptide 1 and peptide YY are in separate storage organelles in enteroendocrine cells. *Cell and Tissue Research*, **2014**, 357, 63-9	4.2	47
306	Novel and conventional receptors for ghrelin, desacyl-ghrelin, and pharmacologically related compounds. *Pharmacological Reviews*, **2014**, 66, 984-1001	22.5	73
305	Both exogenous 5-HT and endogenous 5-HT, released by fluoxetine, enhance distension evoked propulsion in guinea-pig ileum in vitro. *Frontiers in Neuroscience*, **2014**, 8, 301	5.1	7
304	Selenium-enriched Agaricus bisporus mushroom protects against increase in gut permeability ex vivo and up-regulates glutathione peroxidase 1 and 2 in hyperthermally-induced oxidative stress in rats. *Nutrients*, **2014**, 6, 2478-92	6.7	20
303	Biomedical studies on temporal bones of the first multi-channel cochlear implant patient at the University of Melbourne. *Cochlear Implants International*, **2014**, 15 Suppl 2, S1-15	1.7	25

302	The mechanism of enhanced defecation caused by the ghrelin receptor agonist, ulimorelin. *Neurogastroenterology and Motility*, **2014**, 26, 264-71	4	28
301	Damage to enteric neurons occurs in mice that develop fatty liver disease but not diabetes in response to a high-fat diet. *Neurogastroenterology and Motility*, **2014**, 26, 1188-99	4	19
300	Hypotensive effects of ghrelin receptor agonists mediated through a novel receptor. *British Journal of Pharmacology*, **2014**, 171, 1275-86	8.6	16
299	The enteric nervous system and gastrointestinal innervation: integrated local and central control. *Advances in Experimental Medicine and Biology*, **2014**, 817, 39-71	3.6	394
298	Identification of enteroendocrine cells that express TRPA1 channels in the mouse intestine. *Cell and Tissue Research*, **2014**, 356, 77-82	4.2	51
297	Antigen-loaded MR1 tetramers define T cell receptor heterogeneity in mucosal-associated invariant T cells. *Journal of Experimental Medicine*, **2013**, 210, 2305-20	16.6	379
296	The gut as a sensory organ. *Nature Reviews Gastroenterology and Hepatology*, **2013**, 10, 729-40	24.2	283
295	The evolving science of cochlear implants. *JAMA - Journal of the American Medical Association*, **2013** , 310, 1225-6	27.4	27
294	Expression of the ghrelin receptor gene in neurons of the medulla oblongata of the rat. *Journal of Comparative Neurology*, **2013**, 521, 2680-702	3.4	17
293	Transplanted progenitors generate functional enteric neurons in the postnatal colon. *Journal of Clinical Investigation*, **2013**, 123, 1182-91	15.9	114
292	Transient expression of the calcitonin receptor by enteric neurons of the embryonic and early post-natal mouse. *Cell and Tissue Research*, **2012**, 347, 311-7	4.2	7
291	Knock out of neuronal nitric oxide synthase exacerbates intestinal ischemia/reperfusion injury in mice. *Cell and Tissue Research*, **2012**, 349, 565-76	4.2	24
290	The roles of purinergic signaling during gastrointestinal inflammation. *Current Opinion in Pharmacology*, **2012**, 12, 659-66	5.1	25
289	Myenteric neurons of the mouse small intestine undergo significant electrophysiological and morphological changes during postnatal development. *Journal of Physiology*, **2012**, 590, 2375-90	3.9	61
288	The enteric nervous system and neurogastroenterology. *Nature Reviews Gastroenterology and Hepatology*, **2012**, 9, 286-94	24.2	818
287	Enteric Nervous System Structure and Neurochemistry Related to Function and Neuropathology **2012**, 557-581		7
286	Identification of neurons that express ghrelin receptors in autonomic pathways originating from the spinal cord. *Cell and Tissue Research*, **2012**, 348, 397-405	4.2	14
285	Prominent contribution of L-type Ca2+ channels to cutaneous neurovascular transmission that is revealed after spinal cord injury augments vasoconstriction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 302, H752-62	5.2	10

284	Sites of action of ghrelin receptor ligands in cardiovascular control. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 303, H1011-21	5.2	32
283	Nonruminant Nutrition Symposium: Involvement of gut neural and endocrine systems in pathological disorders of the digestive tract. *Journal of Animal Science*, **2012**, 90, 1203-12	0.7	5
282	Transient receptor potential ankyrin 1 is expressed by inhibitory motoneurons of the mouse intestine. *Gastroenterology*, **2011**, 141, 565-75, 575.e1-4	13.3	65
281	Re-innervation of smooth muscle that is transplanted to provide urethral sphincter augmentation. *Autonomic Neuroscience: Basic and Clinical*, **2011**, 159, 71-6	2.4	2
280	Investigation of the presence of ghrelin in the central nervous system of the rat and mouse. *Neuroscience*, **2011**, 193, 1-9	3.9	97
279	The relationship between glial distortion and neuronal changes following intestinal ischemia and reperfusion. *Neurogastroenterology and Motility*, **2011**, 23, e500-9	4	26
278	Morphological and functional changes in guinea-pig neurons projecting to the ileal mucosa at early stages after inflammatory damage. *Journal of Physiology*, **2011**, 589, 325-39	3.9	45
277	Stimulation of defecation in spinal cord-injured rats by a centrally acting ghrelin receptor agonist. *Spinal Cord*, **2011**, 49, 1036-41	2.7	29
276	The involvement of nitric oxide synthase neurons in enteric neuropathies. *Neurogastroenterology and Motility*, **2011**, 23, 980-8	4	122
275	Damaging effects of ischemia/reperfusion on intestinal muscle. *Cell and Tissue Research*, **2011**, 343, 411-9	4.2	29
274	Deleterious effects of intestinal ischemia/reperfusion injury in the mouse enteric nervous system are associated with protein nitrosylation. *Cell and Tissue Research*, **2011**, 344, 111-23	4.2	44
273	Ghrelin receptors are expressed by distal tubules of the mouse kidney. *Cell and Tissue Research*, **2011**, 346, 135-9	4.2	15
272	Postnatal maturation of the hyperpolarization-activated cation current, I(h), in trigeminal sensory neurons. *Journal of Neurophysiology*, **2011**, 106, 2045-56	3.2	17
271	A selective, high affinity 5-HT 2B receptor antagonist inhibits visceral hypersensitivity in rats. *Neurogastroenterology and Motility*, **2010**, 22, e69-76	4	22
270	The role of neural activity in the migration and differentiation of enteric neuron precursors. *Neurogastroenterology and Motility*, **2010**, 22, e127-37	4	44
269	Contrasting effects of ghrelin and des-acyl ghrelin on the lumbo-sacral defecation center and regulation of colorectal motility in rats. *Neurogastroenterology and Motility*, **2010**, 22, 1124-31	4	39
268	Identification of subunits of voltage-gated calcium channels and actions of pregabalin on intrinsic primary afferent neurons in the guinea-pig ileum. *Neurogastroenterology and Motility*, **2010**, 22, e301-8	4	13
267	Evidence for functional ghrelin receptors on parasympathetic preganglionic neurons of micturition control pathways in the rat. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, 926-32	3	11

266	The brain to gut pathway: a possible route of prion transmission. *Gut*, **2010**, 59, 1643-51	19.2	29
265	Functional and in situ hybridization evidence that preganglionic sympathetic vasoconstrictor neurons express ghrelin receptors. *Neuroscience*, **2010**, 166, 671-9	3.9	38
264	The participation of the sympathetic innervation of the gastrointestinal tract in disease states. *Neurogastroenterology and Motility*, **2010**, 22, 7-18	4	105
263	Identification of endocrine cells of the stomach that express acid-sensitive background potassium (K(2P)9.1/TASK3) channels. *Journal of Molecular Histology*, **2010**, 41, 403-9	3.3	1
262	Stimulated smooth muscle neosphincter in male intrinsic sphincter deficiency: Proof of principle studies in a rabbit model. *Neurourology and Urodynamics*, **2010**, 29 Suppl 1, S24-8	2.3	4
261	Sympathetic innervation of the ileocecal junction in horses. *Journal of Comparative Neurology*, **2010** , 518, 4046-66	3.4	29
260	Effects of protein deprivation and re-feeding on P2X2 receptors in enteric neurons. *World Journal of Gastroenterology*, **2010**, 16, 3651-63	5.6	23
259	Enteric Nervous System: Sensory Pathways **2009**, 1115-1120		1
258	Parasympathetic Nervous System **2009**, 445-446		1
257	Enteric Nervous System: Neural Circuits and Chemical Coding **2009**, 1089-1095		1
256	Slow synaptic transmission in myenteric AH neurons from the inflamed guinea pig ileum. *American Journal of Physiology - Renal Physiology*, **2009**, 297, G582-93	5.1	16
255	Structural changes in the epithelium of the small intestine and immune cell infiltration of enteric ganglia following acute mucosal damage and local inflammation. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2009**, 455, 55-65	5.1	36
254	High- and medium-molecular-weight neurofilament proteins define specific neuron types in the guinea-pig enteric nervous system. *Cell and Tissue Research*, **2009**, 335, 529-38	4.2	6
253	Identification of neuron types in the submucosal ganglia of the mouse ileum. *Cell and Tissue Research*, **2009**, 336, 179-89	4.2	80
252	The reactions of specific neuron types to intestinal ischemia in the guinea pig enteric nervous system. *Acta Neuropathologica*, **2009**, 118, 261-70	14.3	33
251	Oral administration of a centrally acting ghrelin receptor agonist to conscious rats triggers defecation. *Neurogastroenterology and Motility*, **2009**, 21, 71-7	4	38
250	Rhythm of digestion: keeping time in the gastrointestinal tract. *Clinical and Experimental Pharmacology and Physiology*, **2009**, 36, 1041-8	3	30
249	Inflammation-induced increase in hyperpolarization-activated, cyclic nucleotide-gated channel protein in trigeminal ganglion neurons and the effect of buprenorphine. *Neuroscience*, **2009**, 162, 453-61	3.9	38

248	Glial fibrillary acidic protein and S-100 colocalization in the enteroglial cells in dilated and nondilated portions of colon from chagasic patients. *Human Pathology*, **2009**, 40, 244-51	3.7	31
247	The enteric nervous system: normal functions and enteric neuropathies. *Neurogastroenterology and Motility*, **2008**, 20 Suppl 1, 32-8	4	123
246	Decreased expression of IK channels in neurons from enteric nervous system is associated with the development of chagasic megacolon. *Human Pathology*, **2008**, 39, 1406-7	3.7	4
245	Effects of intestinal inflammation on specific subgroups of guinea-pig celiac ganglion neurons. *Neuroscience Letters*, **2008**, 444, 231-5	3.3	21
244	Evidence that TASK1 channels contribute to the background current in AH/type II neurons of the guinea-pig intestine. *Neuroscience*, **2008**, 155, 738-50	3.9	5
243	Evidence for prion protein expression in enteroglial cells of the myenteric plexus of mouse intestine. *Autonomic Neuroscience: Basic and Clinical*, **2008**, 140, 17-23	2.4	22
242	Stimulation of the neurokinin 3 receptor activates protein kinase C epsilon and protein kinase D in enteric neurons. *American Journal of Physiology - Renal Physiology*, **2008**, 294, G1245-56	5.1	14
241	Neuronal plasticity of the enteric nervous system is correlated with chagasic megacolon development. *Parasitology*, **2008**, 135, 1337-42	2.7	21
240	Tachykinins and their functions in the gastrointestinal tract. *Cellular and Molecular Life Sciences*, **2008**, 65, 295-311	10.3	102
239	Anatomical evidence for ileal Peyer's patches innervation by enteric nervous system: a potential route for prion neuroinvasion?. *Cell and Tissue Research*, **2008**, 332, 185-94	4.2	56
238	Immunohistochemical analysis of neuron types in the mouse small intestine. *Cell and Tissue Research*, **2008**, 334, 147-61	4.2	229
237	Substance P and NK1 receptor expression in the enteric nervous system is related to the development of chagasic megacolon. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2008**, 102, 1154-6	2	11
236	Inflammation and inflammatory agents activate protein kinase C epsilon translocation and excite guinea-pig submucosal neurons. *Gastroenterology*, **2007**, 133, 1229-39	13.3	14
235	**2007**,		92
234	Effects of compounds that influence IK (KCNN4) channels on afterhyperpolarizing potentials, and determination of IK channel sequence, in guinea pig enteric neurons. *Journal of Neurophysiology*, **2007**, 97, 2024-31	3.2	27
233	Morphology and neurochemistry of descending and ascending myenteric plexus neurons of sheep ileum. *Anatomical Record*, **2007**, 290, 1480-91	2.1	20
232	Phenotypic changes of morphologically identified guinea-pig myenteric neurons following intestinal inflammation. *Journal of Physiology*, **2007**, 583, 593-609	3.9	55
231	Effects of modulators of Ca(2+)-activated, intermediate-conductance potassium channels on motility of the rat small intestine, in vivo. *Neurogastroenterology and Motility*, **2007**, 19, 383-9	4	37

230	Effects of NMDA receptor antagonists on visceromotor reflexes and on intestinal motility, in vivo. *Neurogastroenterology and Motility*, **2007**, 19, 617-24	4	6
229	Modulation of peristalsis by NK3 receptor antagonism in guinea-pig isolated ileum is revealed as intraluminal pressure is raised. *Autonomic and Autacoid Pharmacology*, **2007**, 27, 105-11		5
228	Neurochemical coding of the enteric nervous system in chagasic patients with megacolon. *Digestive Diseases and Sciences*, **2007**, 52, 2877-83	4	43
227	PKC delta-isoform translocation and enhancement of tonic contractions of gastrointestinal smooth muscle. *American Journal of Physiology - Renal Physiology*, **2007**, 292, G887-98	5.1	11
226	Morphometric study of eosinophils, mast cells, macrophages and fibrosis in the colon of chronic chagasic patients with and without megacolon. *Parasitology*, **2007**, 134, 789-96	2.7	36
225	Novel therapeutic targets for enteric nervous system disorders. *Trends in Pharmacological Sciences*, **2007**, 28, 473-81	13.2	49
224	Localization of P2X2 and P2X3 receptors in rat trigeminal ganglion neurons. *Neuroscience*, **2007**, 144, 208-16	3.9	87
223	Megacolon in Chagas disease: a study of inflammatory cells, enteric nerves, and glial cells. *Human Pathology*, **2007**, 38, 1256-64	3.7	115
222	Enteric nervous system. *Scholarpedia Journal*, **2007**, 2, 4064	1.5	9
221	Defensive and pathological functions of the gastrointestinal NK3 receptor. *Vascular Pharmacology*, **2006**, 45, 215-20	5.9	7
220	Novel gut afferents: Intrinsic afferent neurons and intestinofugal neurons. *Autonomic Neuroscience: Basic and Clinical*, **2006**, 125, 81-5	2.4	54
219	Regulation of the slow afterhyperpolarization in enteric neurons by protein kinase A. *Autonomic Neuroscience: Basic and Clinical*, **2006**, 126-127, 258-63	2.4	9
218	The organisation of the autonomic nervous system: peripheral connections. *Autonomic Neuroscience: Basic and Clinical*, **2006**, 130, 1-5	2.4	80
217	The visceromotor responses to colorectal distension and skin pinch are inhibited by simultaneous jejunal distension. *Pain*, **2006**, 123, 127-36	8	5
216	Evidence that stimulation of ghrelin receptors in the spinal cord initiates propulsive activity in the colon of the rat. *Journal of Physiology*, **2006**, 576, 329-38	3.9	94
215	The distribution of intermediate-conductance, calcium-activated, potassium (IK) channels in epithelial cells. *Journal of Anatomy*, **2006**, 208, 219-29	2.9	43
214	Binding of isolectin IB4 to neurons of the mouse enteric nervous system. *Journal of Molecular Histology*, **2006**, 37, 61-8	3.3	14
213	The distribution of PKC isoforms in enteric neurons, muscle and interstitial cells of the human intestine. *Histochemistry and Cell Biology*, **2006**, 126, 537-48	2.4	17

212	Extrinsic and intrinsic sources of calcitonin gene-related peptide immunoreactivity in the lamb ileum: a morphometric and neurochemical investigation. *Cell and Tissue Research*, **2006**, 323, 183-96	4.2	52
211	Short-chain fatty acid receptor, GPR43, is expressed by enteroendocrine cells and mucosal mast cells in rat intestine. *Cell and Tissue Research*, **2006**, 324, 353-60	4.2	333
210	Identification of neurons that express 5-hydroxytryptamine4 receptors in intestine. *Cell and Tissue Research*, **2006**, 325, 413-22	4.2	50
209	Investigation of PKC isoform-specific translocation and targeting of the current of the late afterhyperpolarizing potential of myenteric AH neurons. *European Journal of Neuroscience*, **2005**, 21, 905-13	3.5	15
208	A quantitative approach to recording peristaltic activity from segments of rat small intestine in vivo. *Neurogastroenterology and Motility*, **2005**, 17, 262-72	4	43
207	Motor patterns and propulsion in the rat intestine in vivo recorded by spatio-temporal maps. *Neurogastroenterology and Motility*, **2005**, 17, 714-20	4	23
206	Primary afferent neurons intrinsic to the guinea-pig intestine, like primary afferent neurons of spinal and cranial sensory ganglia, bind the lectin, IB4. *Cell and Tissue Research*, **2005**, 321, 151-7	4.2	23
205	Morphology and neurochemical expression of neurons immunoreactive for the calcitonin gene-related peptide (CGRP-IR) in the lamb ileum. *Veterinary Research Communications*, **2005**, 29 Suppl 2, 177-8	2.9	1
204	Intrinsic primary afferent neurones of the digestive tract. *Neurogastroenterology and Motility*, **2004**, 16 Suppl 1, 24-7	4	45
203	Suppression of a slow post-spike afterhyperpolarization by calcineurin inhibitors. *European Journal of Neuroscience*, **2004**, 19, 2650-8	3.5	14
202	Effects of the peripherally acting NK receptor antagonist, SB-235375, on intestinal and somatic nociceptive responses and on intestinal motility in anaesthetized rats. *Neurogastroenterology and Motility*, **2004**, 16, 223-31	4	14
201	Intermediate-conductance calcium-activated potassium channels in enteric neurones of the mouse: pharmacological, molecular and immunochemical evidence for their role in mediating the slow afterhyperpolarization. *Journal of Neurochemistry*, **2004**, 90, 1414-22	6	42
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199	Projections and chemistry of Dogiel type II neurons in the mouse colon. *Cell and Tissue Research*, **2004**, 317, 1-12	4.2	90
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