

John B. Furness

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373
papers

25,363
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h-index

144
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380
ext. papers

27,188
ext. citations

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L-index

#	Paper	IF	Citations
373	The enteric nervous system and neurogastroenterology. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012 , 9, 286-94	24.2	818
372	Types of neurons in the enteric nervous system. <i>Journal of the Autonomic Nervous System</i> , 2000 , 81, 87-96		570
371	Co-localization of calcitonin gene-related peptide-like immunoreactivity with substance P in cutaneous, vascular and visceral sensory neurons of guinea pigs. <i>Neuroscience Letters</i> , 1985 , 57, 125-30	3.3	564
370	Types of nerves in the enteric nervous system. <i>Neuroscience</i> , 1980 , 5, 1-20	3.9	564
369	The role of the gut microbiota in NAFLD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016 , 13, 412-25	24.2	459
368	The enteric nervous system and gastrointestinal innervation: integrated local and central control. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 817, 39-71	3.6	394
367	Antigen-loaded MR1 tetramers define T cell receptor heterogeneity in mucosal-associated invariant T cells. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2305-20	16.6	379
366	Intrinsic primary afferent neurons of the intestine. <i>Progress in Neurobiology</i> , 1998 , 54, 1-18	10.9	339
365	Short-chain fatty acid receptor, GPR43, is expressed by enteroendocrine cells and mucosal mast cells in rat intestine. <i>Cell and Tissue Research</i> , 2006 , 324, 353-60	4.2	333
364	The enteric nervous system and regulation of intestinal motility. <i>Annual Review of Physiology</i> , 1999 , 61, 117-42	23.1	304
363	Pathway-specific patterns of the co-existence of substance P, calcitonin gene-related peptide, cholecystokinin and dynorphin in neurons of the dorsal root ganglia of the guinea-pig. <i>Cell and Tissue Research</i> , 1987 , 248, 417-37	4.2	302
362	Immunohistochemical localization of polypeptides in peripheral autonomic nerves using whole mount preparations. <i>Histochemistry</i> , 1980 , 65, 157-65		300
361	The gut as a sensory organ. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013 , 10, 729-40	24.2	283
360	Substance P-like immunoreactivity in nerves associated with the vascular system of guinea-pigs. <i>Neuroscience</i> , 1982 , 7, 447-59	3.9	282
359	Projections and chemical coding of neurons with immunoreactivity for nitric oxide synthase in the guinea-pig small intestine. <i>Neuroscience Letters</i> , 1992 , 148, 121-5	3.3	278
358	The peristaltic reflex: an analysis of the nerve pathways and their pharmacology. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1976 , 294, 47-60	3.4	265
357	Intrinsic primary afferent neurons and nerve circuits within the intestine. <i>Progress in Neurobiology</i> , 2004 , 72, 143-64	10.9	261

356	Co-localization of nitric oxide synthase immunoreactivity and NADPH diaphorase staining in neurons of the guinea-pig intestine. <i>Histochemistry</i> , 1992 , 97, 375-8		261
355	Reprogramming of intestinal differentiation and intercalary regeneration in Cdx2 mutant mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 7318-23	11.5	242
354	Distribution, pathways and reactions to drug treatment of nerves with neuropeptide Y- and pancreatic polypeptide-like immunoreactivity in the guinea-pig digestive tract. <i>Cell and Tissue Research</i> , 1983 , 234, 71-92	4.2	237
353	Choline acetyltransferase- and peptide immunoreactivity of submucous neurons in the small intestine of the guinea-pig. <i>Cell and Tissue Research</i> , 1984 , 237, 329-36	4.2	235
352	Neurons with 5-hydroxytryptamine-like immunoreactivity in the enteric nervous system: their projections in the guinea-pig small intestine. <i>Neuroscience</i> , 1982 , 7, 341-9	3.9	234
351	Immunohistochemical analysis of neuron types in the mouse small intestine. <i>Cell and Tissue Research</i> , 2008 , 334, 147-61	4.2	229
350	Neurons with 5-hydroxytryptamine-like immunoreactivity in the enteric nervous system: their visualization and reactions to drug treatment. <i>Neuroscience</i> , 1982 , 7, 351-63	3.9	229
349	Dual adrenergic and cholinergic innervation of the cerebral arteries of the rat. An ultrastructural study. <i>Circulation Research</i> , 1970 , 26, 635-46	15.7	227
348	The use of glyoxylic acid for the fluorescence histochemical demonstration of peripheral stores of noradrenaline and 5-hydroxytryptamine in whole mounts. <i>Histochemistry</i> , 1975 , 41, 335-52		223
347	Projections of substance P-containing neurons within the guinea-pig small intestine. <i>Neuroscience</i> , 1981 , 6, 411-24	3.9	205
346	The origins, pathways and terminations of neurons with VIP-like immunoreactivity in the guinea-pig small intestine. <i>Neuroscience</i> , 1983 , 8, 665-76	3.9	201
345	Characterization of antisera specific to NK1, NK2, and NK3 neurokinin receptors and their utilization to localize receptors in the rat gastrointestinal tract. <i>Journal of Neuroscience</i> , 1996 , 16, 6975-86	6.6	195
344	Chemical coding of enteric neurons. <i>Progress in Brain Research</i> , 1986 , 68, 217-39	2.9	195
343	Distribution of enteric neurons showing immunoreactivity for substance P in the guinea-pig ileum. <i>Neuroscience</i> , 1980 , 5, 323-31	3.9	195
342	Water-stable fluorophores, produced by reaction with aldehyde solutions, for the histochemical localization of catechol- and indolethylamines. <i>Histochemistry</i> , 1977 , 52, 159-70		190
341	Simultaneous demonstration of phenylethanolamine N-methyltransferase immunofluorescent and catecholamine fluorescent nerve cell bodies in the rat medulla oblongata. <i>Neuroscience</i> , 1980 , 5, 2229-38	3.9	189
340	Distribution of certain peptide-containing nerve fibres and endocrine cells in the gastrointestinal mucosa in five mammalian species. <i>Journal of Comparative Neurology</i> , 1985 , 236, 403-22	3.4	187
339	Somatostatin is present in a subpopulation of noradrenergic nerve fibres supplying the intestine. <i>Neuroscience</i> , 1984 , 13, 911-9	3.9	179

338	Neurochemically similar myenteric and submucous neurons directly traced to the mucosa of the small intestine. <i>Cell and Tissue Research</i> , 1985 , 241, 155-63	4.2	171
337	Identification of sensory nerve cells in a peripheral organ (the intestine) of a mammal. <i>Neuroscience</i> , 1995 , 66, 1-4	3.9	167
336	The terminals of myenteric intrinsic primary afferent neurons of the guinea-pig ileum are excited by 5-hydroxytryptamine acting at 5-hydroxytryptamine-3 receptors. <i>Neuroscience</i> , 2000 , 101, 459-69	3.9	166
335	Evidence for the release of endogenous substance P from intestinal nerves. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1979 , 306, 195-201	3.4	165
334	Plurichemical transmission and chemical coding of neurons in the digestive tract. <i>Gastroenterology</i> , 1995 , 108, 554-63	13.3	164
333	Neurochemical classification of enteric neurons in the guinea-pig distal colon. <i>Cell and Tissue Research</i> , 2000 , 302, 59-72	4.2	163
332	Electrophysiological characterization of myenteric neurons: how do classification schemes relate?. <i>Journal of the Autonomic Nervous System</i> , 1994 , 48, 1-15		159
331	Distribution and projections of nerves with enkephalin-like immunoreactivity in the guinea-pig small intestine. <i>Neuroscience</i> , 1983 , 8, 653-64	3.9	159
330	Intracellular recording from myenteric neurons of the guinea-pig ileum that respond to stretch. <i>Journal of Physiology</i> , 1998 , 506 (Pt 3), 827-42	3.9	158
329	Distribution of subgroups of noradrenaline neurons in the coeliac ganglion of the guinea-pig. <i>Cell and Tissue Research</i> , 1986 , 244, 173-80	4.2	152
328	Correlated electrophysiological and histochemical studies of submucous neurons and their contribution to understanding enteric neural circuits. <i>Journal of the Autonomic Nervous System</i> , 1988 , 25, 1-13		149
327	Roles of peptides in transmission in the enteric nervous system. <i>Trends in Neurosciences</i> , 1992 , 15, 66-71	13.3	146
326	An immunohistochemical study of the projections of somatostatin-containing neurons in the guinea-pig intestine. <i>Neuroscience</i> , 1980 , 5, 841-52	3.9	146
325	Co-localization of neuropeptide Y, vasoactive intestinal polypeptide and dynorphin in non-noradrenergic axons of the guinea pig uterine artery. <i>Neuroscience Letters</i> , 1985 , 62, 31-7	3.3	143
324	Localisation of NK1 receptor immunoreactivity to neurons and interstitial cells of the guinea-pig gastrointestinal tract. <i>Journal of Comparative Neurology</i> , 1996 , 367, 342-51	3.4	139
323	Apamin distinguishes two types of relaxation mediated by enteric nerves in the guinea-pig gastrointestinal tract. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1986 , 332, 79-88	3.4	139
322	The sites of action of 5-hydroxytryptamine in nerve-muscle preparations from the guinea-pig small intestine and colon. <i>British Journal of Pharmacology</i> , 1979 , 65, 237-48	8.6	138
321	Chemical coding of neurons and plurichemical transmission. <i>Annual Review of Pharmacology and Toxicology</i> , 1989 , 29, 289-306	17.9	137

320	Calbindin neurons of the guinea-pig small intestine: quantitative analysis of their numbers and projections. <i>Cell and Tissue Research</i> , 1990 , 260, 261-72	4.2	137
319	Opioid agonists have different efficacy profiles for G protein activation, rapid desensitization, and endocytosis of mu-opioid receptors. <i>Journal of Biological Chemistry</i> , 2003 , 278, 18776-84	5.4	135
318	Distribution of enteric nerve cell bodies and axons showing immunoreactivity for vasoactive intestinal polypeptide in the guinea-pig intestine. <i>Neuroscience</i> , 1980 , 5, 587-96	3.9	135
317	Aqueous aldehyde (Faglu) methods for the fluorescence histochemical localization of catecholamines and for ultrastructural studies of central nervous tissue. <i>Histochemistry</i> , 1978 , 57, 285-95		134
316	Depletion by capsaicin of substance P-immunoreactivity and acetylcholinesterase activity from nerve fibres in the guinea-pig heart. <i>Neuroscience Letters</i> , 1981 , 27, 47-53	3.3	129
315	Electrophysiology of guinea-pig myenteric neurons correlated with immunoreactivity for calcium binding proteins. <i>Journal of the Autonomic Nervous System</i> , 1988 , 22, 141-50		126
314	Correlation of the directly observed responses of mesenteric vessels of the rat to nerve stimulation and noradrenaline with the distribution of adrenergic nerves. <i>Journal of Physiology</i> , 1974 , 239, 75-88	3.9	124
313	The enteric nervous system: normal functions and enteric neuropathies. <i>Neurogastroenterology and Motility</i> , 2008 , 20 Suppl 1, 32-8	4	123
312	The involvement of nitric oxide synthase neurons in enteric neuropathies. <i>Neurogastroenterology and Motility</i> , 2011 , 23, 980-8	4	122
311	Substance P enteric neurons mediate non-cholinergic transmission to the circular muscle of the guinea-pig intestine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1985 , 328, 446-53	3.4	121
310	Substance P immunoreactive sensory nerves supply the rat iris and cornea. <i>Neuroscience Letters</i> , 1981 , 23, 243-9	3.3	121
309	Projections of intestinal neurons showing immunoreactivity for vasoactive intestinal polypeptide are consistent with these neurons being the enteric inhibitory neurons. <i>Neuroscience Letters</i> , 1979 , 15, 199-204	3.3	120
308	Simultaneous intracellular recordings from enteric neurons reveal that myenteric AH neurons transmit via slow excitatory postsynaptic potentials. <i>Neuroscience</i> , 1993 , 55, 685-94	3.9	118
307	Vasoactive intestinal peptide-like immunoreactivity in nerves associated with the cardiovascular system of guinea-pigs. <i>Neuroscience</i> , 1983 , 9, 605-19	3.9	117
306	Megacolon in Chagas disease: a study of inflammatory cells, enteric nerves, and glial cells. <i>Human Pathology</i> , 2007 , 38, 1256-64	3.7	115
305	Transplanted progenitors generate functional enteric neurons in the postnatal colon. <i>Journal of Clinical Investigation</i> , 2013 , 123, 1182-91	15.9	114
304	Distension-evoked ascending and descending reflexes in the circular muscle of guinea-pig ileum: an intracellular study. <i>Journal of the Autonomic Nervous System</i> , 1990 , 29, 203-17		111
303	Synaptic responses evoked by mechanical stimulation of the mucosa in morphologically characterized myenteric neurons of the guinea-pig ileum. <i>Journal of Neuroscience</i> , 1991 , 11, 505-18	6.6	111

302	Innervation of the large arteries and heart of the toad (<i>Bufo marinus</i>) by adrenergic and peptide-containing neurons. <i>Cell and Tissue Research</i> , 1986 , 243, 171-84	4.2	107
301	The participation of the sympathetic innervation of the gastrointestinal tract in disease states. <i>Neurogastroenterology and Motility</i> , 2010 , 22, 7-18	4	105
300	Evidence that some intrinsic neurons of the intestine contain somatostatin. <i>Neuroscience Letters</i> , 1977 , 6, 215-22	3.3	104
299	Immunohistochemical localisation of cholinergic markers in putative intrinsic primary afferent neurons of the guinea-pig small intestine. <i>Cell and Tissue Research</i> , 1998 , 294, 35-43	4.2	103
298	The distribution of purine P2X(2) receptors in the guinea-pig enteric nervous system. <i>Histochemistry and Cell Biology</i> , 2002 , 117, 415-22	2.4	103
297	Electrophysiology and enkephalin immunoreactivity of identified myenteric plexus neurones of guinea-pig small intestine. <i>Journal of Physiology</i> , 1984 , 351, 313-25	3.9	103
296	Tachykinins and their functions in the gastrointestinal tract. <i>Cellular and Molecular Life Sciences</i> , 2008 , 65, 295-311	10.3	102
295	Galanin-immunoreactive neurons in the guinea-pig small intestine: their projections and relationships to other enteric neurons. <i>Cell and Tissue Research</i> , 1987 , 250, 607-15	4.2	101
294	Correlation of electrophysiological and morphological characteristics of enteric neurons in the mouse colon. <i>Journal of Comparative Neurology</i> , 2004 , 468, 112-24	3.4	99
293	Nitric oxide synthase in the enteric nervous system of the guinea-pig: a quantitative description. <i>Cell and Tissue Research</i> , 1994 , 277, 139-49	4.2	98
292	Investigation of the presence of ghrelin in the central nervous system of the rat and mouse. <i>Neuroscience</i> , 2011 , 193, 1-9	3.9	97
291	An electrophysiological study of the innervation of the smooth muscle of the colon. <i>Journal of Physiology</i> , 1969 , 205, 549-62	3.9	96
290	Evidence that stimulation of ghrelin receptors in the spinal cord initiates propulsive activity in the colon of the rat. <i>Journal of Physiology</i> , 2006 , 576, 329-38	3.9	94
289	Distribution and projections of neurons with immunoreactivity for both gastrin-releasing peptide and bombesin in the guinea-pig small intestine. <i>Cell and Tissue Research</i> , 1984 , 235, 285-93	4.2	94
288	Nitric oxide targets in the guinea-pig intestine identified by induction of cyclic GMP immunoreactivity. <i>Neuroscience</i> , 1993 , 55, 583-96	3.9	93
287	2007 ,		92
286	The distribution of P2X3 purine receptor subunits in the guinea pig enteric nervous system. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002 , 101, 39-47	2.4	92
285	Somatostatin is contained in and released from cholinergic nerves in the heart of the toad <i>Bufo marinus</i> . <i>Neuroscience</i> , 1982 , 7, 2013-23	3.9	91

284	Activation of neurokinin 1 receptors on interstitial cells of Cajal of the guinea-pig small intestine by substance P. <i>Histochemistry and Cell Biology</i> , 1998 , 110, 263-71	2.4	90
283	Projections and chemistry of Dogiel type II neurons in the mouse colon. <i>Cell and Tissue Research</i> , 2004 , 317, 1-12	4.2	90
282	Localization of P2X2 and P2X3 receptors in rat trigeminal ganglion neurons. <i>Neuroscience</i> , 2007 , 144, 208-16	3.9	87
281	Ghrelin and motilin receptors as drug targets for gastrointestinal disorders. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016 , 13, 38-48	24.2	84
280	Evidence that two forms of choline acetyltransferase are differentially expressed in subclasses of enteric neurons. <i>Cell and Tissue Research</i> , 2003 , 311, 11-22	4.2	82
279	Evidence that nitric oxide participates in non-adrenergic inhibitory transmission to intestinal muscle in the guinea-pig. <i>Neuroscience Letters</i> , 1991 , 130, 77-80	3.3	82
278	Morphology and distribution of intrinsic adrenergic neurones in the proximal colon of the guinea-pig. <i>Cell and Tissue Research</i> , 1971 , 120, 346-63	4.2	81
277	Selenium and vitamin E together improve intestinal epithelial barrier function and alleviate oxidative stress in heat-stressed pigs. <i>Experimental Physiology</i> , 2016 , 101, 801-10	2.4	81
276	Identification of neuron types in the submucosal ganglia of the mouse ileum. <i>Cell and Tissue Research</i> , 2009 , 336, 179-89	4.2	80
275	Localisation of neurokinin 3 (NK3) receptor immunoreactivity in the rat gastrointestinal tract. <i>Cell and Tissue Research</i> , 1997 , 289, 1-9	4.2	80
274	The organisation of the autonomic nervous system: peripheral connections. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2006 , 130, 1-5	2.4	80
273	Contractile activity in intestinal muscle evokes action potential discharge in guinea-pig myenteric neurons. <i>Journal of Physiology</i> , 1999 , 517 (Pt 2), 547-61	3.9	77
272	Distribution of neurokinin-2 receptors in the guinea-pig gastrointestinal tract. <i>Cell and Tissue Research</i> , 1996 , 286, 281-92	4.2	75
271	Gastrointestinal neurotransmitters. <i>Baillieres Clinical Endocrinology and Metabolism</i> , 1994 , 8, 51-76		74
270	Novel and conventional receptors for ghrelin, desacyl-ghrelin, and pharmacologically related compounds. <i>Pharmacological Reviews</i> , 2014 , 66, 984-1001	22.5	73
269	On the possibility that an indoleamine is a neurotransmitter in the gastrointestinal tract. <i>Biochemical Pharmacology</i> , 1979 , 28, 565-71	6	67
268	Transient receptor potential ankyrin 1 is expressed by inhibitory motoneurons of the mouse intestine. <i>Gastroenterology</i> , 2011 , 141, 565-75, 575.e1-4	13.3	65
267	GABA and nitric oxide synthase immunoreactivities are colocalized in a subset of inhibitory motor neurons of the guinea-pig small intestine. <i>Cell and Tissue Research</i> , 1996 , 284, 29-37	4.2	65

266	Analysis of whole-cell currents by patch clamp of guinea-pig myenteric neurones in intact ganglia. <i>Journal of Physiology</i> , 2002 , 538, 447-63	3.9	64
265	Distribution of enteric nerve cells that project to the coeliac ganglion of the guinea-pig. <i>Cell and Tissue Research</i> , 1992 , 269, 119-32	4.2	64
264	Correlation of morphology, electrophysiology and chemistry of neurons in the myenteric plexus of the guinea-pig distal colon. <i>Journal of the Autonomic Nervous System</i> , 1999 , 76, 45-61		63
263	Ultrastructural examination of the targets of serotonin-immunoreactive descending interneurons in the guinea pig small intestine. <i>Journal of Comparative Neurology</i> , 1995 , 356, 101-14	3.4	63
262	Choline acetyltransferase immunoreactivity of putative intrinsic primary afferent neurons in the rat ileum. <i>Cell and Tissue Research</i> , 1999 , 297, 241-8	4.2	62
261	Light- and electron-microscopic immunochemical analysis of nerve fibre types innervating the taenia of the guinea-pig caecum. <i>Cell and Tissue Research</i> , 1992 , 270, 125-37	4.2	62
260	Myenteric neurons of the mouse small intestine undergo significant electrophysiological and morphological changes during postnatal development. <i>Journal of Physiology</i> , 2012 , 590, 2375-90	3.9	61
259	Influence of the mucosa on the excitability of myenteric neurons. <i>Neuroscience</i> , 1997 , 76, 619-34	3.9	60
258	Interactions between reflexes evoked by distension and mucosal stimulation: electrophysiological studies of guinea-pig ileum. <i>Journal of the Autonomic Nervous System</i> , 1991 , 34, 69-75		60
257	Long-term effects of synaptic activation at low frequency on excitability of myenteric AH neurons. <i>Neuroscience</i> , 1999 , 90, 279-89	3.9	59
256	Electrophysiology, shape, and chemistry of neurons that project from guinea pig colon to inferior mesenteric ganglia. <i>Gastroenterology</i> , 1998 , 115, 909-18	13.3	58
255	Histochemical, pharmacological, biochemical and chromatographic evidence that pituitary adenyl cyclase activating peptide is involved in inhibitory neurotransmission in the taenia of the guinea-pig caecum. <i>Journal of the Autonomic Nervous System</i> , 1995 , 50, 311-22		58
254	Projection of ventrolateral medullary (A1) catecholamine neurons toward nucleus tractus solitarii. <i>Cell and Tissue Research</i> , 1981 , 220, 27-40	4.2	57
253	Anatomical evidence for ileal Peyer's patches innervation by enteric nervous system: a potential route for prion neuroinvasion?. <i>Cell and Tissue Research</i> , 2008 , 332, 185-94	4.2	56
252	Analysis of purinergic and cholinergic fast synaptic transmission to identified myenteric neurons. <i>Neuroscience</i> , 2003 , 116, 335-47	3.9	56
251	Bioelectric neuromodulation for gastrointestinal disorders: effectiveness and mechanisms. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2019 , 16, 89-105	24.2	56
250	Phenotypic changes of morphologically identified guinea-pig myenteric neurons following intestinal inflammation. <i>Journal of Physiology</i> , 2007 , 583, 593-609	3.9	55
249	Neurons localized with antibodies against choline acetyltransferase in the enteric nervous system. <i>Neuroscience Letters</i> , 1983 , 40, 105-9	3.3	55

248	Correlation of electrophysiological and morphological characteristics of myenteric neurons of the duodenum in the guinea-pig. <i>Neuroscience</i> , 1998 , 82, 899-914	3.9	54
247	Morphological and immunohistochemical identification of neurons and their targets in the guinea-pig duodenum. <i>Neuroscience</i> , 1998 , 86, 679-94	3.9	54
246	Novel gut afferents: Intrinsic afferent neurons and intestinofugal neurons. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2006 , 125, 81-5	2.4	54
245	Expression of intermediate conductance potassium channel immunoreactivity in neurons and epithelial cells of the rat gastrointestinal tract. <i>Cell and Tissue Research</i> , 2003 , 314, 179-89	4.2	54
244	TEA- and apamin-resistant K(Ca) channels in guinea-pig myenteric neurons: slow AHP channels. <i>Journal of Physiology</i> , 2002 , 538, 421-33	3.9	54
243	An electrophysiological study of the projections of putative sensory neurons within the myenteric plexus of the guinea pig ileum. <i>Neuroscience Letters</i> , 1990 , 110, 286-90	3.3	54
242	Appositions made by axons of descending interneurons in the guinea-pig small intestine, investigated by confocal microscopy. <i>Journal of Chemical Neuroanatomy</i> , 1997 , 12, 151-64	3.2	53
241	Electrical mapping of the projections of intrinsic primary afferent neurones to the mucosa of the guinea-pig small intestine. <i>Neurogastroenterology and Motility</i> , 1998 , 10, 533-41	4	52
240	Extrinsic and intrinsic sources of calcitonin gene-related peptide immunoreactivity in the lamb ileum: a morphometric and neurochemical investigation. <i>Cell and Tissue Research</i> , 2006 , 323, 183-96	4.2	52
239	Ultrastructural identification of noradrenergic axons and their distribution within the enteric plexuses of the guinea-pig small intestine. <i>Journal of Neurocytology</i> , 1981 , 10, 331-52		52
238	Identification of enteroendocrine cells that express TRPA1 channels in the mouse intestine. <i>Cell and Tissue Research</i> , 2014 , 356, 77-82	4.2	51
237	Comparison of the effects of neurokinin-3 receptor blockade on two forms of slow synaptic transmission in myenteric AH neurons. <i>Neuroscience</i> , 2001 , 104, 263-9	3.9	51
236	The first brain: Species comparisons and evolutionary implications for the enteric and central nervous systems. <i>Neurogastroenterology and Motility</i> , 2018 , 30, e13234	4	50
235	Identification of neurons that express 5-hydroxytryptamine ₄ receptors in intestine. <i>Cell and Tissue Research</i> , 2006 , 325, 413-22	4.2	50
234	P2X(2) purine receptor immunoreactivity of intraganglionic laminar endings in the mouse gastrointestinal tract. <i>Cell and Tissue Research</i> , 2003 , 312, 167-74	4.2	50
233	Electrophysiological and morphological classification of myenteric neurons in the proximal colon of the guinea-pig. <i>Neuroscience</i> , 1994 , 60, 227-44	3.9	50
232	Novel therapeutic targets for enteric nervous system disorders. <i>Trends in Pharmacological Sciences</i> , 2007 , 28, 473-81	13.2	49
231	Differences in hormone localisation patterns of K and L type enteroendocrine cells in the mouse and pig small intestine and colon. <i>Cell and Tissue Research</i> , 2015 , 359, 693-698	4.2	48

230	Relationships between NADPH diaphorase staining and neuronal, endothelial, and inducible nitric oxide synthase and cytochrome P450 reductase immunoreactivities in guinea-pig tissues. <i>Histochemistry and Cell Biology</i> , 1997 , 107, 19-29	2.4	48
229	Identification of the populations of enteric neurons that have NK1 tachykinin receptors in the guinea-pig small intestine. <i>Cell and Tissue Research</i> , 1998 , 294, 27-33	4.2	48
228	Neurons bearing NK(3) tachykinin receptors in the guinea-pig ileum revealed by specific binding of fluorescently labelled agonists. <i>Histochemistry and Cell Biology</i> , 1999 , 112, 233-46	2.4	48
227	The adrenergic innervation of the vessels supplying and draining the gastrointestinal tract. <i>Cell and Tissue Research</i> , 1971 , 113, 67-82	4.2	48
226	Glucagon-like peptide 1 and peptide YY are in separate storage organelles in enteroendocrine cells. <i>Cell and Tissue Research</i> , 2014 , 357, 63-9	4.2	47
225	Changes in surviving nerve fibers associated with submucosal arteries following extrinsic denervation of the small intestine. <i>Cell and Tissue Research</i> , 1988 , 253, 647-56	4.2	47
224	The origin and distribution of adrenergic nerve fibres in the guinea-pig colon. <i>Histochemistry and Cell Biology</i> , 1970 , 21, 295-306	2.4	47
223	Morphologies and projections of defined classes of neurons in the submucosa of the guinea-pig small intestine. <i>The Anatomical Record</i> , 2003 , 272, 475-83		46
222	Morphological and chemical identification of neurons that project from the colon to the inferior mesenteric ganglia in the guinea-pig. <i>Journal of the Autonomic Nervous System</i> , 1990 , 31, 203-10		46
221	Absence of tyrosine hydroxylase activity and dopamine beta-hydroxylase immunoreactivity in intrinsic nerves of the guinea-pig ileum. <i>Neuroscience</i> , 1979 , 4, 305-10	3.9	46
220	Morphological and functional changes in guinea-pig neurons projecting to the ileal mucosa at early stages after inflammatory damage. <i>Journal of Physiology</i> , 2011 , 589, 325-39	3.9	45
219	Intrinsic primary afferent neurones of the digestive tract. <i>Neurogastroenterology and Motility</i> , 2004 , 16 Suppl 1, 24-7	4	45
218	Deleterious effects of intestinal ischemia/reperfusion injury in the mouse enteric nervous system are associated with protein nitrosylation. <i>Cell and Tissue Research</i> , 2011 , 344, 111-23	4.2	44
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