Michel Neunlist

List of Publications by Year in Descending Order

173 papers	7,937 citations	50 h-index	83 g-index
189 ext. papers	9,360 ext. citations	6.2 avg, IF	5.78 L-index

#	Paper	IF	Citations
173	Mild Chronic Colitis Triggers Parkinsonism in LRRK2 Mutant Mice through Activating TNF- Pathway.. *Movement Disorders*, **2022**,	7	
172	Full-field optical coherence tomography: novel imaging technique for extemporaneous high-resolution analysis of mucosal architecture in human gut biopsies. *Gut*, **2021**, 70, 6-8	19.2	3
171	Gastrointestinal mucosal biopsies in Parkinson's disease: beyond alpha-synuclein detection. *Journal of Neural Transmission*, **2021**, 1	4.3	0
170	The ephrin receptor EphB2 regulates the connectivity and activity of enteric neurons. *Journal of Biological Chemistry*, **2021**, 297, 101300	5.4	0
169	Upregulation of enteric alpha-synuclein as a possible link between inflammatory bowel disease and Parkinson's disease. *Gut*, **2021**, 70, 2010-2012	19.2	0
168	Limited Impact of 6-Mercaptopurine on Inflammation-Induced Chemokines Expression Profile in Primary Cultures of Enteric Nervous System. *Neurochemical Research*, **2021**, 46, 1781-1793	4.6	0
167	Deletion of intestinal epithelial AMP-activated protein kinase alters distal colon permeability but not glucose homeostasis. *Molecular Metabolism*, **2021**, 47, 101183	8.8	5
166	LRRK2 is reduced in Parkinson's disease gut. *Acta Neuropathologica*, **2021**, 142, 601-603	14.3	4
165	A murine model to study the gut bacteria parameters during complex antibiotics like cefotaxime and ceftriaxone treatment. *Computational and Structural Biotechnology Journal*, **2021**, 19, 1423-1430	6.8	2
164	PGI Inhibits Intestinal Epithelial Permeability and Apoptosis to Alleviate Colitis. *Cellular and Molecular Gastroenterology and Hepatology*, **2021**, 12, 1037-1060	7.9	2
163	Tau in the gut, does it really matter?. *Journal of Neurochemistry*, **2021**, 158, 94-104	6	2
162	Early remodeling of the colonic mucosa after allogeneic hematopoietic stem cells transplantation: An open-label controlled pilot study on 19 patients. *United European Gastroenterology Journal*, **2021**, 9, 955-963	5.3	1
161	Fecal Supernatant from Adult with Autism Spectrum Disorder Alters Digestive Functions, Intestinal Epithelial Barrier, and Enteric Nervous System. *Microorganisms*, **2021**, 9,	4.9	2
160	Cancer induces a stress ileopathy depending on B-adrenergic receptors and promoting dysbiosis that contribute to carcinogenesis.. *Cancer Discovery*, **2021**,	24.4	4
159	Analysis of enteric nervous system and intestinal epithelial barrier to predict complications in Hirschsprung's disease. *Scientific Reports*, **2020**, 10, 21725	4.9	4
158	The gut in Parkinson's disease: Bottom-up, top-down, or neither?. *Neurogastroenterology and Motility*, **2020**, 32, e13777	4	24
157	T cells show preferential adhesion to enteric neural cells in culture and are close to neural cells in the myenteric ganglia of Crohn's patients. *Journal of Neuroimmunology*, **2020**, 349, 577422	3.5	3

156	Tau accumulates in Crohn's disease gut. *FASEB Journal*, **2020**, 34, 9285-9296	0.9	6
155	A panel of stomach-specific biomarkers (GastroPanel®) for the diagnosis of atrophic gastritis: A prospective, multicenter study in a low gastric cancer incidence area. *Helicobacter*, **2020**, 25, e12727	4.9	12
154	Environmental enrichment alleviates the deleterious effects of stress in experimental autoimmune encephalomyelitis. *Multiple Sclerosis Journal - Experimental, Translational and Clinical*, **2020**, 6, 2055217320959806	2	8
153	Semaphorin 3A controls enteric neuron connectivity and is inversely associated with synapsin 1 expression in Hirschsprung disease. *Scientific Reports*, **2020**, 10, 15119	4.9	3
152	Is Parkinson's disease a chronic low-grade inflammatory bowel disease?. *Journal of Neurology*, **2020**, 267, 2207-2213	5.5	31
151	Secretion of Acid Sphingomyelinase and Ceramide by Endothelial Cells Contributes to Radiation-Induced Intestinal Toxicity. *Cancer Research*, **2020**, 80, 2651-2662	10.1	7
150	Detection of alpha-synuclein aggregates in gastrointestinal biopsies by protein misfolding cyclic amplification. *Neurobiology of Disease*, **2019**, 129, 38-43	7.5	35
149	Basal and Spasmolytic Effects of a Hydroethanolic Leaf Extract of L. on Intestinal Motility: An Study. *Journal of Medicinal Food*, **2019**, 22, 653-662	2.8	8
148	Multi-hit early life adversity affects gut microbiota, brain and behavior in a sex-dependent manner. *Brain, Behavior, and Immunity*, **2019**, 80, 179-192	16.6	54
147	Defecation disorders in Spina Bifida: Realistic goals and best therapeutic approaches. *Neurourology and Urodynamics*, **2019**, 38, 719-725	2.3	4
146	Maternal protein restriction induces gastrointestinal dysfunction and enteric nervous system remodeling in rat offspring. *FASEB Journal*, **2019**, 33, 770-781	0.9	8
145	Tumor cells hijack enteric glia to activate colon cancer stem cells and stimulate tumorigenesis. *EBioMedicine*, **2019**, 49, 172-188	8.8	17
144	IL-7 receptor influences anti-TNF responsiveness and T cell gut homing in inflammatory bowel disease. *Journal of Clinical Investigation*, **2019**, 129, 1910-1925	15.9	38
143	Acute inflammation down-regulates alpha-synuclein expression in enteric neurons. *Journal of Neurochemistry*, **2019**, 148, 746-760	6	12
142	Can the gut be the missing piece in uncovering PD pathogenesis?. *Parkinsonism and Related Disorders*, **2019**, 59, 26-31	3.6	31
141	Enteric alpha-synuclein expression is increased in Crohn's disease. *Acta Neuropathologica*, **2019**, 137, 359-361	14.3	20
140	Quantitative assessment of mucosal architecture using computer-based analysis of confocal laser endomicroscopy in inflammatory bowel diseases. *Gastrointestinal Endoscopy*, **2019**, 89, 626-636	5.2	19
139	Rat enteric glial cells express novel isoforms of Interleukine-7 regulated during inflammation. *Neurogastroenterology and Motility*, **2019**, 31, e13467	4	7

138	Colonic neuropathology is not associated with autonomic dysfunction in Parkinson's disease. *Parkinsonism and Related Disorders*, **2019**, 61, 224-227	3.6	5
137	Heterogeneous pattern of autonomic dysfunction in Parkinson's disease. *Journal of Neurology*, **2018**, 265, 933-941	5.5	20
136	Colorectal Cancer Cells Adhere to and Migrate Along the Neurons of the Enteric Nervous System. *Cellular and Molecular Gastroenterology and Hepatology*, **2018**, 5, 31-49	7.9	19
135	Does Parkinson's disease start in the gut?. *Acta Neuropathologica*, **2018**, 135, 1-12	14.3	125
134	Glioplasticity in irritable bowel syndrome. *Neurogastroenterology and Motility*, **2018**, 30, e13232	4	10
133	Fecal incontinence in patients with spina bifida: The target is the rectum. *Neurourology and Urodynamics*, **2018**, 37, 1082-1087	2.3	4
132	Modulation of VIPergic phenotype of enteric neurons by colonic biopsy supernatants from patients with inflammatory bowel diseases: Involvement of IL-6 in Crohn's disease. *Neurogastroenterology and Motility*, **2018**, 30, e13198	4	9
131	The multiple faces of inflammatory enteric glial cells: is Crohn's disease a gliopathy?. *American Journal of Physiology - Renal Physiology*, **2018**, 315, G1-G11	5.1	27
130	Characterisation of tau in the human and rodent enteric nervous system under physiological conditions and in tauopathy. *Acta Neuropathologica Communications*, **2018**, 6, 65	7.3	14
129	Acid-Hydrolyzed Gliadins Worsen Food Allergies through Early Sensitization. *Molecular Nutrition and Food Research*, **2018**, 62, e1800159	5.9	9
128	Intestinal Microbiota Influences Non-intestinal Related Autoimmune Diseases. *Frontiers in Microbiology*, **2018**, 9, 432	5.7	92
127	Le microbiote, l□ntestin et le cerveau. *Phytotherapie*, **2018**, 16, 315-319	0.4	
126	Anti-inflammatory Effects of Enhanced Recovery Programs on Early-Stage Colorectal Cancer Surgery. *World Journal of Surgery*, **2018**, 42, 953-964	3.3	16
125	Cyclooxygenase 2 is upregulated in the gastrointestinal tract in Parkinson's disease. *Movement Disorders*, **2018**, 33, 493-494	7	11
124	Roux-en-Y gastric bypass reduces plasma cholesterol in diet-induced obese mice by affecting trans-intestinal cholesterol excretion and intestinal cholesterol absorption. *International Journal of Obesity*, **2018**, 42, 552-560	5.5	13
123	Acetylcholine induces stem cell properties of gastric cancer cells of diffuse type. *Tumor Biology*, **2018**, 40, 1010428318799028	2.9	5
122	Perioperative Transcutaneous Tibial Nerve Stimulation to Reduce Postoperative Ileus After Colorectal Resection: A Pilot Study. *Diseases of the Colon and Rectum*, **2018**, 61, 1080-1088	3.1	5
121	Biochemical analysis of □synuclein extracted from control and Parkinson's disease colonic biopsies. *Neuroscience Letters*, **2017**, 641, 81-86	3.3	15

120	Epithelial expression and function of trypsin-3 in irritable bowel syndrome. *Gut*, **2017**, 66, 1767-1778	19.2	66
119	Randomised clinical trial: the analgesic properties of dietary supplementation with palmitoylethanolamide and polydatin in irritable bowel syndrome. *Alimentary Pharmacology and Therapeutics*, **2017**, 45, 909-922	6.1	58
118	Sleeve Gastrectomy Alters Intestinal Permeability in Diet-Induced Obese Mice. *Obesity Surgery*, **2017**, 27, 2590-2598	3.7	21
117	L. fermentum CECT 5716 prevents stress-induced intestinal barrier dysfunction in newborn rats. *Neurogastroenterology and Motility*, **2017**, 29, e13069	4	23
116	Bowel Dysfunction Related to Spina Bifida: Keep It Simple. *Diseases of the Colon and Rectum*, **2017**, 60, 1209-1214	3.1	18
115	Development of a porcine model for assessment of mucosal repair following endoscopic resection of the lower gastrointestinal tract. *Endoscopy International Open*, **2017**, 5, E1014-E1019	3	2
114	A novel enteric neuron-glia coculture system reveals the role of glia in neuronal development. *Journal of Physiology*, **2017**, 595, 583-598	3.9	26
113	Engineered human pluripotent-stem-cell-derived intestinal tissues with a functional enteric nervous system. *Nature Medicine*, **2017**, 23, 49-59	50.5	313
112	Gender specific behavioral alterations are associated with gut dysbiosis in mice exposed to multifactorial early-life adversity. *European Neuropsychopharmacology*, **2017**, 27, S682-S683	1.2	
111	Enteric alpha-synuclein pathology in LRRK2-G2019S Parkinson's disease. *Parkinsonism and Related Disorders*, **2017**, 40, 83-84	3.6	7
110	Cross-linking for the analysis of □synuclein in the enteric nervous system. *Journal of Neurochemistry*, **2016**, 139, 839-847	6	18
109	The arachidonic acid metabolite 11□-ProstaglandinF2□controls intestinal epithelial healing: deficiency in patients with Crohn's disease. *Scientific Reports*, **2016**, 6, 25203	4.9	21
108	Evaluation of alpha-synuclein immunohistochemical methods for the detection of Lewy-type synucleinopathy in gastrointestinal biopsies. *Acta Neuropathologica Communications*, **2016**, 4, 35	7.3	53
107	Sacral nerve stimulation enhances early intestinal mucosal repair following mucosal injury in a pig model. *Journal of Physiology*, **2016**, 594, 4309-23	3.9	17
106	Postnatal development of the myenteric glial network and its modulation by butyrate. *American Journal of Physiology - Renal Physiology*, **2016**, 310, G941-51	5.1	21
105	Maternal exposure to GOS/inulin mixture prevents food allergies and promotes tolerance in offspring in mice. *Allergy: European Journal of Allergy and Clinical Immunology*, **2016**, 71, 68-76	9.3	29
104	Defects in 15-HETE Production and Control of Epithelial Permeability by Human Enteric Glial Cells From Patients With Crohn's Disease. *Gastroenterology*, **2016**, 150, 168-80	13.3	44
103	TLR2 and TLR9 modulate enteric nervous system inflammatory responses to lipopolysaccharide. *Journal of Neuroinflammation*, **2016**, 13, 187	10.1	31

102	What a gastrointestinal biopsy can tell us about Parkinson's disease?. *Neurogastroenterology and Motility*, **2016**, 28, 966-74	4	20
101	Enteric glial cells have specific immunosuppressive properties. *Journal of Neuroimmunology*, **2016**, 295-296, 79-83	3.5	14
100	Lꢀus postopꢁatoire. Mꢁanismes, incidence, prꢂention. *Journal De Chirurgie Viscꢁale*, **2016**, 153, 453-461	0	1
99	Postoperative ileus: Pathophysiology, incidence, and prevention. *Journal of Visceral Surgery*, **2016**, 153, 439-446	1.9	107
98	Consecutive Food and Respiratory Allergies Amplify Systemic and Gut but Not Lung Outcomes in Mice. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 6475-83	5.7	8
97	Structural alterations of the intestinal epithelial barrier in Parkinson's disease. *Acta Neuropathologica Communications*, **2015**, 3, 12	7.3	136
96	Clearance of persistent hepatitis C virus infection in humanized mice using a claudin-1-targeting monoclonal antibody. *Nature Biotechnology*, **2015**, 33, 549-554	44.5	104
95	Reversibility of gastric mucosal lesions induced by sodium phosphate tablets and characterized by probe-based confocal laser endomicroscopy. *Endoscopy International Open*, **2015**, 3, E69-75	3	4
94	Effects of 1-week sacral nerve stimulation on the rectal intestinal epithelial barrier and neuromuscular transmission in a porcine model. *Neurogastroenterology and Motility*, **2015**, 27, 40-50	4	6
93	Spontaneous Intestinal Perforation and Necrotizing Enterocolitis: A 16-Year Retrospective Study from a Single Center. *European Journal of Pediatric Surgery*, **2015**, 25, 520-5	1.9	5
92	Apport de la neurogastro-entꢁologie aux maladies psychiatriques. *European Psychiatry*, **2015**, 30, S25-S26	6	
91	Enteric glial cells: new players in Parkinson's disease?. *Movement Disorders*, **2015**, 30, 494-8	7	72
90	Optimizing Western Blots for the Detection of Endogenous ꢃSynuclein in the Enteric Nervous System. *Journal of Parkinson's Disease*, **2015**, 5, 765-72	5.3	13
89	Improvement of Refractory Ulcerative Proctitis With Sacral Nerve Stimulation. *Journal of Clinical Gastroenterology*, **2015**, 49, 853-7	3	20
88	Activation of the prostaglandin D2 metabolic pathway in Crohn's disease: involvement of the enteric nervous system. *BMC Gastroenterology*, **2015**, 15, 112	3	14
87	Targeting the CD80/CD86 costimulatory pathway with CTLA4-Ig directs microglia toward a repair phenotype and promotes axonal outgrowth. *Glia*, **2015**, 63, 2298-312	9	13
86	Nerve fiber outgrowth is increased in the intestinal mucosa of patients with irritable bowel syndrome. *Gastroenterology*, **2015**, 148, 1002-1011.e4	13.3	94
85	A collagen VI-dependent pathogenic mechanism for Hirschsprung's disease. *Journal of Clinical Investigation*, **2015**, 125, 4483-96	15.9	60

84	Enteric GFAP expression and phosphorylation in Parkinson's disease. *Journal of Neurochemistry*, **2014**, 130, 805-15	6	95
83	Nutrient-induced changes in the phenotype and function of the enteric nervous system. *Journal of Physiology*, **2014**, 592, 2959-65	3.9	60
82	B lymphocytes undergo TLR2-dependent apoptosis upon Shigella infection. *Journal of Experimental Medicine*, **2014**, 211, 1215-29	16.6	40
81	Appraisal of the dopaminergic and noradrenergic innervation of the submucosal plexus in PD. *Journal of Parkinson's Disease*, **2014**, 4, 571-6	5.3	25
80	Peripheral autonomic nervous system involvement in Gaucher-related parkinsonism. *Journal of Parkinson's Disease*, **2014**, 4, 29-32	5.3	11
79	Enteric glial cells: recent developments and future directions. *Gastroenterology*, **2014**, 147, 1230-7	13.3	99
78	Food allergy enhances allergic asthma in mice. *Respiratory Research*, **2014**, 15, 142	7.3	19
77	Modulation of lipopolysaccharide-induced neuronal response by activation of the enteric nervous system. *Journal of Neuroinflammation*, **2014**, 11, 202	10.1	38
76	The digestive neuronal-glial-epithelial unit: a new actor in gut health and disease. *Nature Reviews Gastroenterology and Hepatology*, **2013**, 10, 90-100	24.2	170
75	Probe-based confocal laser endomicroscopy: a new method for quantitative analysis of pit structure in healthy and Crohn's disease patients. *Digestive and Liver Disease*, **2013**, 45, 487-92	3.3	12
74	Activity-dependent secretion of alpha-synuclein by enteric neurons. *Journal of Neurochemistry*, **2013**, 125, 512-7	6	65
73	Effects of oral administration of rotenone on gastrointestinal functions in mice. *Neurogastroenterology and Motility*, **2013**, 25, e183-93	4	51
72	Colonic inflammation in Parkinson's disease. *Neurobiology of Disease*, **2013**, 50, 42-8	7.5	343
71	Characterization of human, mouse, and rat cultures of enteric glial cells and their effect on intestinal epithelial cells. *Neurogastroenterology and Motility*, **2013**, 25, e755-64	4	23
70	Properties of myenteric neurones and mucosal functions in the distal colon of diet-induced obese mice. *Journal of Physiology*, **2013**, 591, 5125-39	3.9	19
69	Prenatal intestinal obstruction affects the myenteric plexus and causes functional bowel impairment in fetal rat experimental model of intestinal atresia. *PLoS ONE*, **2013**, 8, e62292	3.7	12
68	A comparison between rectal and colonic biopsies to detect Lewy pathology in Parkinson's disease. *Neurobiology of Disease*, **2012**, 45, 305-9	7.5	106
67	Sacral nerve stimulation enhances epithelial barrier of the rectum: results from a porcine model. *Neurogastroenterology and Motility*, **2012**, 24, 267-73, e110	4	18

66	A comparison between colonic submucosa and mucosa to detect Lewy pathology in Parkinson's disease. *Neurogastroenterology and Motility*, **2012**, 24, e202-5	4	63
65	Analysis of colonic alpha-synuclein pathology in multiple system atrophy. *Parkinsonism and Related Disorders*, **2012**, 18, 893-5	3.6	39
64	Diet-induced obesity has neuroprotective effects in murine gastric enteric nervous system: involvement of leptin and glial cell line-derived neurotrophic factor. *Journal of Physiology*, **2012**, 590, 533-44	3.9	52
63	The omega-6 fatty acid derivative 15-deoxy-□,□-prostaglandin J2 is involved in neuroprotection by enteric glial cells against oxidative stress. *Journal of Physiology*, **2012**, 590, 2739-50	3.9	40
62	Full-field optical coherence microscopy is a novel technique for imaging enteric ganglia in the gastrointestinal tract. *Neurogastroenterology and Motility*, **2012**, 24, e611-21	4	12
61	Butyrate enemas enhance both cholinergic and nitrergic phenotype of myenteric neurons and neuromuscular transmission in newborn rat colon. *American Journal of Physiology - Renal Physiology* , **2012**, 302, G1373-80	5.1	28
60	Enteric glia and neuroprotection: basic and clinical aspects. *American Journal of Physiology - Renal Physiology*, **2012**, 303, G887-93	5.1	44
59	Colonic endoscopic full-thickness biopsies: from the neuropathological analysis of the myenteric plexus to the functional study of neuromuscular transmission. *Gastrointestinal Endoscopy*, **2011**, 73, 1029-34	5.3	14
58	Colonic neuropathology is independent of olfactory dysfunction in Parkinson's disease. *Journal of Parkinson's Disease*, **2011**, 1, 389-94	5.3	5
57	Modulation of Neuroglial Myenteric Phenotype by Mechanical Stress. *Pediatric Research*, **2011**, 70, 808-808	3.1	
56	n-3 polyunsaturated fatty acids in the maternal diet modify the postnatal development of nervous regulation of intestinal permeability in piglets. *Journal of Physiology*, **2011**, 589, 4341-52	3.9	37
55	Enteric glia promote intestinal mucosal healing via activation of focal adhesion kinase and release of proEGF. *American Journal of Physiology - Renal Physiology*, **2011**, 300, G976-87	5.1	93
54	Enteric glia protect against Shigella flexneri invasion in intestinal epithelial cells: a role for S-nitrosoglutathione. *Gut*, **2011**, 60, 473-84	19.2	63
53	Parkinson disease: the enteric nervous system spills its guts. *Neurology*, **2011**, 77, 1761-7	6.5	93
52	□Synuclein expression is induced by depolarization and cyclic AMP in enteric neurons. *Journal of Neurochemistry*, **2010**, 115, 694-706	6	21
51	Enteric glia modulate epithelial cell proliferation and differentiation through 15-deoxy-12,14-prostaglandin J2. *Journal of Physiology*, **2010**, 588, 2533-44	3.9	59
50	Biopsable neural tissues: toward new biomarkers for Parkinson's disease?. *Frontiers in Psychiatry*, **2010**, 1, 128	5	28
49	Postnatal development of myenteric neurochemical phenotype and impact on neuromuscular transmission in the rat colon. *American Journal of Physiology - Renal Physiology*, **2010**, 299, G539-47	5.1	41

48	Short-chain fatty acids regulate the enteric neurons and control gastrointestinal motility in rats. *Gastroenterology*, **2010**, 138, 1772-82	13.3	273
47	Routine colonic biopsies as a new tool to study the enteric nervous system in living patients. *Neurogastroenterology and Motility*, **2010**, 22, e11-4	4	57
46	Enteric glial cells protect neurons from oxidative stress in part via reduced glutathione. *FASEB Journal*, **2010**, 24, 1082-94	0.9	76
45	Colonic biopsies to assess the neuropathology of Parkinson's disease and its relationship with symptoms. *PLoS ONE*, **2010**, 5, e12728	3.7	286
44	Characterisation of early mucosal and neuronal lesions following Shigella flexneri infection in human colon. *PLoS ONE*, **2009**, 4, e4713	3.7	31
43	Regulation of intestinal epithelial cells transcriptome by enteric glial cells: impact on intestinal epithelial barrier functions. *BMC Genomics*, **2009**, 10, 507	4.5	50
42	Neurochemical plasticity in the enteric nervous system of a primate animal model of experimental Parkinsonism. *Neurogastroenterology and Motility*, **2009**, 21, 215-22	4	65
41	ATP-dependent paracrine communication between enteric neurons and glia in a primary cell culture derived from embryonic mice. *Neurogastroenterology and Motility*, **2009**, 21, 870-e62	4	52
40	The second brain and Parkinson's disease. *European Journal of Neuroscience*, **2009**, 30, 735-41	3.5	142
39	Neuroplasticity and neuroprotection in enteric neurons: role of epithelial cells. *Biochemical and Biophysical Research Communications*, **2009**, 382, 577-82	3.4	17
38	Impaired intestinal barrier integrity in the colon of patients with irritable bowel syndrome: involvement of soluble mediators. *Gut*, **2009**, 58, 196-201	19.2	360
37	Les biopsies coliques obtenues par endoscopie : un outil pour tudier latteinte du syst me nerveux ent ique dans la maladie de Parkinson. *Revue Neurologique*, **2009**, 165, S9-S10	3	
36	Activity-dependent regulation of tyrosine hydroxylase expression in the enteric nervous system. *Journal of Physiology*, **2008**, 586, 1963-75	3.9	65
35	Neuro-glial crosstalk in inflammatory bowel disease. *Journal of Internal Medicine*, **2008**, 263, 577-83	10.8	61
34	Pathological lesions in colonic biopsies during Parkinson's disease. *Gut*, **2008**, 57, 1741-3	19.2	159
33	Intestinal epithelial cell dysfunction is mediated by an endothelial-specific radiation-induced bystander effect. *Radiation Research*, **2007**, 167, 185-93	3.1	36
32	Enteric glia regulate intestinal barrier function and inflammation via release of S-nitrosoglutathione. *Gastroenterology*, **2007**, 132, 1344-58	13.3	281
31	Starring roles for astroglia in barrier pathologies of gut and brain. *Laboratory Investigation*, **2007**, 87, 731-6	5.9	95

30	Enteric glia inhibit intestinal epithelial cell proliferation partly through a TGF-beta1-dependent pathway. *American Journal of Physiology - Renal Physiology*, **2007**, 292, G231-41	5.1	105
29	Serum from achalasia patients alters neurochemical coding in the myenteric plexus and nitric oxide mediated motor response in normal human fundus. *Gut*, **2006**, 55, 319-26	19.2	50
28	Changes in enteric neurone phenotype and intestinal functions in a transgenic mouse model of enteric glia disruption. *Gut*, **2006**, 55, 630-7	19.2	161
27	Intestinal neuro-epithelial interactions modulate neuronal chemokines production. *Biochemical and Biophysical Research Communications*, **2006**, 344, 554-61	3.4	26
26	Acidity induces c-Fos expression in a subpopulation of human colonic submucosal neurons. *Neuroscience Letters*, **2006**, 404, 23-7	3.3	1
25	Human mucosa/submucosa interactions during intestinal inflammation: involvement of the enteric nervous system in interleukin-8 secretion. *Cellular Microbiology*, **2005**, 7, 1798-810	3.9	42
24	The human enteric nervous system. *Neurogastroenterology and Motility*, **2004**, 16 Suppl 1, 55-9	4	141
23	Effect of LPS on basal and induced apo E secretion by 25-OH chol and 9cRA in differentiated CaCo-2. *Journal of Cellular Biochemistry*, **2004**, 91, 786-95	4.7	9
22	Vasoactive intestinal peptide induces IL-8 production in human colonic epithelial cells via MAP kinase-dependent and PKA-independent pathways. *Biochemical and Biophysical Research Communications*, **2004**, 317, 187-91	3.4	28
21	Changes in chemical coding of myenteric neurones in ulcerative colitis. *Gut*, **2003**, 52, 84-90	19.2	134
20	Toxin B of Clostridium difficile activates human VIP submucosal neurons, in part via an IL-1beta-dependent pathway. *American Journal of Physiology - Renal Physiology*, **2003**, 285, G1049-55	5.1	34
19	Human submucosal neurones regulate intestinal epithelial cell proliferation: evidence from a novel co-culture model. *Neurogastroenterology and Motility*, **2003**, 15, 239-42	4	46
18	Neurochemical coding of myenteric neurones in the human gastric fundus. *Neurogastroenterology and Motility*, **2003**, 15, 655-62	4	29
17	Human ENS regulates the intestinal epithelial barrier permeability and a tight junction-associated protein ZO-1 via VIPergic pathways. *American Journal of Physiology - Renal Physiology*, **2003**, 285, G1028-36	5.1	124
16	Comparison of quality of life and anorectal function after artificial sphincter implantation. *Diseases of the Colon and Rectum*, **2002**, 45, 508-13	3.1	67
15	Projections of excitatory and inhibitory motor neurones to the circular and longitudinal muscle of the guinea pig colon. *Cell and Tissue Research*, **2001**, 305, 325-30	4.2	30
14	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, 255-64	4	117
13	Glycine activates myenteric neurones in adult guinea-pigs. *Journal of Physiology*, **2001**, 536, 727-39	3.9	19

12	Neural components of distension-evoked secretory responses in the guinea-pig distal colon. *Journal of Physiology*, **2001**, 536, 741-51	3.9	62
11	Multisite optical recording of excitability in the enteric nervous system. *Neurogastroenterology and Motility*, **1999**, 11, 393-402	4	49
10	Characteristics of mucosally projecting myenteric neurones in the guinea-pig proximal colon. *Journal of Physiology*, **1999**, 517 (Pt 2), 533-46	3.9	85
9	Different tachykinin receptors mediate chloride secretion in the distal colon through activation of submucosal neurones. *Naunyn-Schmiedebergs Archives of Pharmacology*, **1999**, 359, 71-9	3.4	38
8	The enteric nervous system: region and target specific projections and neurochemical codes. *European Journal of Morphology*, **1999**, 37, 233-40		14
7	Polarized enteric submucosal circuits involved in secretory responses of the guinea-pig proximal colon. *Journal of Physiology*, **1998**, 506 (Pt 2), 539-50	3.9	32
6	Polarised innervation pattern of the mucosa of the guinea pig distal colon. *Neuroscience Letters*, **1998**, 246, 161-4	3.3	22
5	Spatial distribution of cardiac transmembrane potentials around an extracellular electrode: dependence on fiber orientation. *Biophysical Journal*, **1995**, 68, 2310-22	2.9	121
4	Optical recordings of ventricular excitability of frog heart by an extracellular stimulating point electrode. *PACE - Pacing and Clinical Electrophysiology*, **1994**, 17, 1641-54	1.6	30
3	Regional depolarization of cardiac muscle adjacent to an epicardial stimulating anode. *American Heart Journal*, **1992**, 124, 834	4.9	3
2	Design and use of an "optrode" for optical recordings of cardiac action potentials. *Pflugers Archiv European Journal of Physiology*, **1992**, 420, 611-7	4.6	41
1	MiBiOmics: An interactive web application for multi-omics data exploration and integration		1