

Fernando Azpiroz

List of Publications by Year in descending order

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239
papers

12,039
citations

20817

60
h-index

31849

101
g-index

246
all docs

246
docs citations

246
times ranked

7553
citing authors

#	ARTICLE	IF	CITATIONS
1	The origin of symptoms on the brain-gut axis in functional dyspepsia. <i>Gastroenterology</i> , 1991, 101, 999-1006.	1.3	444
2	Gastric Tone Measured by an Electronic Barostat in Health and Postsurgical Gastroparesis. <i>Gastroenterology</i> , 1987, 92, 934-943.	1.3	343
3	Mechanisms of hypersensitivity in IBS and functional disorders. <i>Neurogastroenterology and Motility</i> , 2007, 19, 62-88.	3.0	310
4	Impaired transit and tolerance of intestinal gas in the irritable bowel syndrome. <i>Gut</i> , 2001, 48, 14-19.	12.1	291
5	Minimum standards of anorectal manometry. <i>Neurogastroenterology and Motility</i> , 2002, 14, 553-559.	3.0	271
6	Selective dysfunction of mechanosensitive intestinal afferents in irritable bowel syndrome. <i>Gastroenterology</i> , 1995, 108, 636-643.	1.3	265
7	Reduction of butyrate- and methane-producing microorganisms in patients with Irritable Bowel Syndrome. <i>Scientific Reports</i> , 2015, 5, 12693.	3.3	248
8	Diarrhoea-predominant irritable bowel syndrome: an organic disorder with structural abnormalities in the jejunal epithelial barrier. <i>Gut</i> , 2013, 62, 1160-1168.	12.1	229
9	Functional dyspepsia. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17081.	30.5	226
10	Gastric wall tension determines perception of gastric distention. <i>Gastroenterology</i> , 1999, 116, 1035-1042.	1.3	225
11	Selective gastric hypersensitivity and reflex hyporeactivity in functional dyspepsia. <i>Gastroenterology</i> , 1994, 107, 1345-1351.	1.3	209
12	Anorectal functional testing: review of collective experience. <i>American Journal of Gastroenterology</i> , 2002, 97, 232-240.	0.4	197
13	PASSCLAIM?Gut health and immunity. <i>European Journal of Nutrition</i> , 2004, 43, ii118-ii173.	3.9	197
14	Storage conditions of intestinal microbiota matter in metagenomic analysis. <i>BMC Microbiology</i> , 2012, 12, 158.	3.3	191
15	Gastric tone determines the sensitivity of the stomach to distention. <i>Gastroenterology</i> , 1995, 108, 330-336.	1.3	175
16	Lipid-induced intestinal gas retention in irritable bowel syndrome. <i>Gastroenterology</i> , 2002, 123, 700-706.	1.3	169
17	The Jejunum of Diarrhea-Predominant Irritable Bowel Syndrome Shows Molecular Alterations in the Tight Junction Signaling Pathway That Are Associated With Mucosal Pathobiology and Clinical Manifestations. <i>American Journal of Gastroenterology</i> , 2012, 107, 736-746.	0.4	169
18	Intestinal gas dynamics and tolerance in humans. <i>Gastroenterology</i> , 1998, 115, 542-550.	1.3	144

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19	Antro-fundic dysfunctions in functional dyspepsia. <i>Gastroenterology</i> , 2003, 124, 1220-1229.	1.3	139
20	Processing faecal samples: a step forward for standards in microbial community analysis. <i>BMC Microbiology</i> , 2014, 14, 112.	3.3	134
21	Prokinetic effects in patients with intestinal gas retention. <i>Gastroenterology</i> , 2002, 122, 1748-1755.	1.3	133
22	The sympathetic nervous system modulates perception and reflex responses to gut distention in humans. <i>Gastroenterology</i> , 1995, 108, 680-686.	1.3	131
23	Abdominal Bloating. <i>Gastroenterology</i> , 2005, 129, 1060-1078.	1.3	121
24	Origin of gas retention and symptoms in patients with bloating. <i>Gastroenterology</i> , 2005, 128, 574-579.	1.3	117
25	Physiological variations in canine gastric tone measured by an electronic barostat. <i>American Journal of Physiology - Renal Physiology</i> , 1985, 248, G229-G237.	3.4	113
26	Attention and distraction: Effects on gut perception. <i>Gastroenterology</i> , 1997, 113, 415-422.	1.3	111
27	Significance of pelvic floor muscles in anal incontinence. <i>Gastroenterology</i> , 2002, 123, 1441-1450.	1.3	110
28	European society of neurogastroenterology and motility guidelines on functional constipation in adults. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13762.	3.0	110
29	Perception and Reflex Relaxation of the Stomach in Response to Gut Distention. <i>Gastroenterology</i> , 1990, 98, 1193-1198.	1.3	108
30	Effectiveness of Combined Pharmacologic and Ligation Therapy in High-Risk Patients With Acute Esophageal Variceal Bleeding. <i>American Journal of Gastroenterology</i> , 2011, 106, 1787-1795.	0.4	108
31	Importance of vagal input in maintaining gastric tone in the dog. <i>Journal of Physiology</i> , 1987, 384, 511-524.	2.9	107
32	Abdominal Distention Results From Caudo-ventral Redistribution of Contents. <i>Gastroenterology</i> , 2009, 136, 1544-1551.	1.3	105
33	miR-16 and miR-125b are involved in barrier function dysregulation through the modulation of claudin-2 and cingulin expression in the jejunum in IBS with diarrhoea. <i>Gut</i> , 2017, 66, 1537.1-1538.	12.1	105
34	Anal gas evacuation and colonic microbiota in patients with flatulence: effect of diet. <i>Gut</i> , 2014, 63, 401-408.	12.1	104
35	Fundamentals of Neurogastroenterology: Physiology/Motility "Sensation. <i>Gastroenterology</i> , 2016, 150, 1292-1304.e2.	1.3	103
36	Applied Principles of Neurogastroenterology: Physiology/Motility Sensation. <i>Gastroenterology</i> , 2006, 130, 1412-1420.	1.3	100

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37	Impaired Viscerosomatic Reflexes and Abdominal-Wall Dystony Associated With Bloating. <i>Gastroenterology</i> , 2006, 130, 1062-1068.	1.3	96
38	Effects of sc<scp>FOS</scp> on the composition of fecal microbiota and anxiety in patients with irritable bowel syndrome: a randomized, double blind, placebo controlled study. <i>Neurogastroenterology and Motility</i> , 2017, 29, e12911.	3.0	95
39	Principles of applied neurogastroenterology: physiology/motility-sensation. <i>Gut</i> , 1999, 45, ii17-ii24.	12.1	94
40	Dietary and lifestyle factors in functional dyspepsia. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 150-157.	17.8	94
41	Increased humoral immunity in the jejunum of diarrhoea-predominant irritable bowel syndrome associated with clinical manifestations. <i>Gut</i> , 2015, 64, 1379-1388.	12.1	94
42	Bowel habit after cholecystectomy: Physiological changes and clinical implications. <i>Gastroenterology</i> , 1996, 111, 617-622.	1.3	90
43	Chronological assessment of mast cell-mediated gut dysfunction and mucosal inflammation in a rat model of chronic psychosocial stress. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 1166-1175.	4.1	88
44	Effects of Prebiotics vs a Diet Low in FODMAPs in Patients With Functional Gut Disorders. <i>Gastroenterology</i> , 2018, 155, 1004-1007.	1.3	88
45	MetaTrans: an open-source pipeline for metatranscriptomics. <i>Scientific Reports</i> , 2016, 6, 26447.	3.3	87
46	Intestinal gas distribution determines abdominal symptoms. <i>Gut</i> , 2003, 52, 1708-1713.	12.1	85
47	Physical Activity and Intestinal Gas Clearance in Patients with Bloating. <i>American Journal of Gastroenterology</i> , 2006, 101, 2552-2557.	0.4	85
48	New Insight Into Intestinal Motor Function via Noninvasive Endoluminal Image Analysis. <i>Gastroenterology</i> , 2008, 135, 1155-1162.	1.3	85
49	Mechanisms of intestinal gas retention in humans: impaired propulsion versus obstructed evacuation. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G138-G143.	3.4	84
50	Generic feature learning for wireless capsule endoscopy analysis. <i>Computers in Biology and Medicine</i> , 2016, 79, 163-172.	7.0	84
51	Randomised clinical trial: the analgesic properties of dietary supplementation with palmitoylethanolamide and polydatin in irritable bowel syndrome. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 45, 909-922.	3.7	81
52	Irritable bowel syndrome diagnosis and management: A simplified algorithm for clinical practice. <i>United European Gastroenterology Journal</i> , 2017, 5, 773-788.	3.8	81
53	Impaired reflex control of intestinal gas transit in patients with abdominal bloating. <i>Gut</i> , 2005, 54, 344-348.	12.1	80
54	Effects of physical activity on intestinal gas transit and evacuation in healthy subjects. <i>American Journal of Medicine</i> , 2004, 116, 536-539.	1.5	78

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55	Perception and reflex responses to intestinal distention in humans are modified by simultaneous or previous stimulation. <i>Gastroenterology</i> , 1995, 109, 1742-1749.	1.3	76
56	Intestinal control of gastric tone. <i>American Journal of Physiology - Renal Physiology</i> , 1985, 249, G501-G509.	3.4	75
57	Dietary Lipids and Functional Gastrointestinal Disorders. <i>American Journal of Gastroenterology</i> , 2013, 108, 737-747.	0.4	75
58	Perception and gut reflexes induced by stimulation of gastrointestinal thermoreceptors in humans. <i>Journal of Physiology</i> , 1997, 502, 215-222.	2.9	72
59	Impaired Small Bowel Gas Propulsion in Patients with Bloating During Intestinal Lipid Infusion. <i>American Journal of Gastroenterology</i> , 2006, 101, 1853-1857.	0.4	68
60	Endogenous cholecystokinin enhances postprandial gastroesophageal reflux in humans through extrasphincteric receptors. <i>Gastroenterology</i> , 1998, 115, 597-604.	1.3	64
61	Bloating and Abdominal Distension: Old Misconceptions and Current Knowledge. <i>American Journal of Gastroenterology</i> , 2017, 112, 1221-1231.	0.4	63
62	Chronic psychosocial stress induces reversible mitochondrial damage and corticotropin-releasing factor receptor type-1 upregulation in the rat intestine and IBS-like gut dysfunction. <i>Psychoneuroendocrinology</i> , 2012, 37, 65-77.	2.7	62
63	Mechanisms of postprandial abdominal bloating and distension in functional dyspepsia. <i>Gut</i> , 2014, 63, 395-400.	12.1	62
64	Nongastrointestinal Disorders in the Irritable Bowel Syndrome. <i>Digestion</i> , 2000, 62, 66-72.	2.3	61
65	Role of Alimentation in Irritable Bowel Syndrome. <i>Digestion</i> , 2003, 67, 225-233.	2.3	61
66	Vagally mediated gastric relaxation induced by intestinal nutrients in the dog. <i>American Journal of Physiology - Renal Physiology</i> , 1986, 251, G727-G735.	3.4	59
67	Somatic stimulation reduces perception of gut distention in humans. <i>Gastroenterology</i> , 1994, 107, 1636-1642.	1.3	55
68	Acute experimental stress evokes a differential gender-determined increase in human intestinal macromolecular permeability. <i>Neurogastroenterology and Motility</i> , 2012, 24, 740.	3.0	55
69	Diabetic neuropathy in the gut: pathogenesis and diagnosis. <i>Diabetologia</i> , 2016, 59, 404-408.	6.3	55
70	Gastric distension and duodenal lipid infusion modulate intestinal gas transit and tolerance in humans. <i>American Journal of Gastroenterology</i> , 2002, 97, 2225-2230.	0.4	54
71	Biofeedback-Guided Control of Abdominothoracic Muscular Activity Reduces Regurgitation Episodes in Patients With Rumination. <i>Clinical Gastroenterology and Hepatology</i> , 2015, 13, 100-106.e1.	4.4	54
72	Abdominothoracic Mechanisms of Functional Abdominal Distension and Correction by Biofeedback. <i>Gastroenterology</i> , 2015, 148, 732-739.	1.3	53

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73	Relations among intragastric pressure, postcibal perception, and gastric emptying. American Journal of Physiology - Renal Physiology, 1993, 264, G1112-G1117.	3.4	52
74	Anal sphincteric pressure in fissure-in-ano before and after lateral internal sphincterotomy. Diseases of the Colon and Rectum, 1982, 25, 198-201.	1.3	51
75	Abdomino-Phrenic Dyssynergia in Patients With Abdominal Bloating and Distension. American Journal of Gastroenterology, 2011, 106, 815-819.	0.4	51
76	Sensorial and intestinointestinal reflex pathways in the human jejunum. Gastroenterology, 1991, 101, 1606-1612.	1.3	50
77	Abdominal Accommodation: A Coordinated Adaptation of the Abdominal Wall to Its Content. American Journal of Gastroenterology, 2008, 103, 2807-2815.	0.4	50
78	Intestinal Motility Assessment With Video Capsule Endoscopy: Automatic Annotation of Phasic Intestinal Contractions. IEEE Transactions on Medical Imaging, 2010, 29, 246-259.	8.9	50
79	Modification of small bowel mechanosensitivity by intestinal fat. Gut, 2001, 48, 690-695.	12.1	49
80	Colonic Responses to Gas Loads in Subgroups of Patients With Abdominal Bloating. American Journal of Gastroenterology, 2010, 105, 876-882.	0.4	49
81	Gastrointestinal perception: pathophysiological implications. Neurogastroenterology and Motility, 2002, 14, 229-239.	3.0	48
82	Randomized, Placebo-Controlled Trial of Biofeedback for the Treatment of Rumination. American Journal of Gastroenterology, 2016, 111, 1007-1013.	0.4	48
83	Gas Distribution Within the Human Gut: Effect of Meals. American Journal of Gastroenterology, 2007, 102, 842-849.	0.4	47
84	Influence of body posture on intestinal transit of gas. Gut, 2003, 52, 971-974.	12.1	46
85	Rectal Function and Bowel Habit in Irritable Bowel Syndrome. American Journal of Gastroenterology, 2004, 99, 131-137.	0.4	46
86	The puborectalis muscle. Neurogastroenterology and Motility, 2005, 17, 68-72.	3.0	46
87	Modulation of gut perception in humans by spatial summation phenomena. Journal of Physiology, 1998, 506, 579-587.	2.9	44
88	Intestinal Gas and Bloating: Effect of Prokinetic Stimulation. American Journal of Gastroenterology, 2008, 103, 2036-2042.	0.4	44
89	Constipation: a potential cause of pelvic floor damage?. Neurogastroenterology and Motility, 2010, 22, 150-e48.	3.0	44
90	Innervation Zones of the External Anal Sphincter in Healthy Male and Female Subjects. Digestion, 2004, 69, 123-130.	2.3	42

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91	Impaired intestinal gas propulsion in manometrically proven dysmotility and in irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2010, 22, 401-e92.	3.0	42
92	Reflex control of intestinal gas dynamics and tolerance in humans. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 286, G89-G94.	3.4	41
93	Downregulation of mucosal mast cell activation and immune response in diarrhoea-associated irritable bowel syndrome by oral disodium cromoglycate: A pilot study. <i>United European Gastroenterology Journal</i> , 2017, 5, 887-897.	3.8	40
94	Post-infectious IBS: Defining its clinical features and prognosis using an internet-based survey. <i>United European Gastroenterology Journal</i> , 2018, 6, 1245-1253.	3.8	40
95	Predictors of Response to Biofeedback Treatment in Anal Incontinence. <i>Diseases of the Colon and Rectum</i> , 2003, 46, 1218-1225.	1.3	39
96	Sites of symptomatic gas retention during intestinal lipid perfusion in healthy subjects. <i>Gut</i> , 2004, 53, 661-665.	12.1	39
97	Categorization and Segmentation of Intestinal Content Frames for Wireless Capsule Endoscopy. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012, 16, 1341-1352.	3.2	39
98	Metabolic adaptation of colonic microbiota to galactooligosaccharides: a proof-of-concept study. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 45, 670-680.	3.7	39
99	Intestinal gas dynamics: mechanisms and clinical relevance. <i>Gut</i> , 2005, 54, 893-895.	12.1	38
100	The external anal sphincter and the role of surface electromyography. <i>Neurogastroenterology and Motility</i> , 2005, 17, 60-67.	3.0	37
101	Gastric sensitivity and reflexes: basic mechanisms underlying clinical problems. <i>Journal of Gastroenterology</i> , 2014, 49, 206-218.	5.1	37
102	Pressure activity patterns in the canine proximal stomach: response to distension. <i>American Journal of Physiology - Renal Physiology</i> , 1984, 247, G265-G272.	3.4	36
103	Symptomatic responses to stimulation of sensory pathways in the jejunum. <i>American Journal of Physiology - Renal Physiology</i> , 1992, 263, G673-G677.	3.4	35
104	Functional gut disorders or disordered gut function? Small bowel dysmotility evidenced by an original technique. <i>Neurogastroenterology and Motility</i> , 2012, 24, 223.	3.0	34
105	Reflex gastric relaxation in response to distention of the duodenum. <i>American Journal of Physiology - Renal Physiology</i> , 1987, 252, G595-G601.	3.4	32
106	Intestinal tone and gas motion. <i>Neurogastroenterology and Motility</i> , 2006, 18, 905-910.	3.0	32
107	Nitrgergic and purinergic mechanisms evoke inhibitory neuromuscular transmission in the human small intestine. <i>Neurogastroenterology and Motility</i> , 2014, 26, 419-429.	3.0	32
108	High-resolution manometry in patients with idiopathic inflammatory myopathy: Elevated prevalence of esophageal involvement and differences according to autoantibody status and clinical subset. <i>Muscle and Nerve</i> , 2017, 56, 386-392.	2.2	32

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109	Differential Effects of Western and Mediterranean-Type Diets on Gut Microbiota: A Metagenomics and Metabolomics Approach. <i>Nutrients</i> , 2021, 13, 2638.	4.1	32
110	Classification of functional bowel disorders by objective physiological criteria based on endoluminal image analysis. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G413-G419.	3.4	31
111	Intestinal gas content and distribution in health and in patients with functional gut symptoms. <i>Neurogastroenterology and Motility</i> , 2015, 27, 1249-1257.	3.0	30
112	Colonic content: effect of diet, meals, and defecation. <i>Neurogastroenterology and Motility</i> , 2017, 29, e12930.	3.0	30
113	Hypersensitivity in functional gastrointestinal disorders. <i>Gut</i> , 2002, 51, i25-i28.	12.1	29
114	Food, Eating, and the Gastrointestinal Tract. <i>Nutrients</i> , 2020, 12, 986.	4.1	29
115	Probiotics in irritable bowel syndrome: Where are we?. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13513.	3.0	28
116	Reflex changes in intestinal tone: relationship to perception. <i>American Journal of Physiology - Renal Physiology</i> , 1991, 261, G280-G286.	3.4	27
117	Cognitive and hedonic responses to meal ingestion correlate with changes in circulating metabolites. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1806-1814.	3.0	27
118	Colonic gas homeostasis: Mechanisms of adaptation following HOST-904 galactooligosaccharide use in humans. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13080.	3.0	27
119	Comparison between small bowel manometric patterns and full-thickness biopsy histopathology in severe intestinal dysmotility. <i>Neurogastroenterology and Motility</i> , 2018, 30, e13219.	3.0	27
120	Accommodation of the abdomen to its content: integrated abdomino-thoracic response. <i>Neurogastroenterology and Motility</i> , 2012, 24, 312.	3.0	26
121	Persistent symptoms of functional outlet obstruction after rectocele repair. <i>Colorectal Disease</i> , 2007, 9, 262-265.	1.4	25
122	Effect of Chicory-derived Inulin on Abdominal Sensations and Bowel Motor Function. <i>Journal of Clinical Gastroenterology</i> , 2017, 51, 619-625.	2.2	25
123	Gut perception in humans is modulated by interacting gut stimuli. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 282, G220-G225.	3.4	25
124	Responses of anal constipation to biofeedback treatment. <i>Scandinavian Journal of Gastroenterology</i> , 2005, 40, 20-27.	1.5	24
125	Effect of a low-flatulogenic diet in patients with flatulence and functional digestive symptoms. <i>Neurogastroenterology and Motility</i> , 2014, 26, 779-785.	3.0	24
126	Mechanisms of abdominal distension in severe intestinal dysmotility: abdomino-thoracic response to gut retention. <i>Neurogastroenterology and Motility</i> , 2013, 25, e389-94.	3.0	23

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127	High Resolution Esophageal Manometry in Patients with Chagas Disease: A Cross-Sectional Evaluation. PLoS Neglected Tropical Diseases, 2016, 10, e0004416.	3.0	23
128	Digestive, cognitive and hedonic responses to a meal. Neurogastroenterology and Motility, 2015, 27, 389-396.	3.0	22
129	Isobaric intestinal distension in humans: sensorial relay and reflex gastric relaxation. American Journal of Physiology - Renal Physiology, 1990, 258, G202-G207.	3.4	21
130	Digestive Symptoms in Healthy People and Subjects With Irritable Bowel Syndrome. Journal of Clinical Gastroenterology, 2015, 49, e64-e70.	2.2	21
131	Overexpression of corticotropin-releasing factor in intestinal mucosal eosinophils is associated with clinical severity in Diarrhea-Predominant Irritable Bowel Syndrome. Scientific Reports, 2020, 10, 20706.	3.3	21
132	Selective effects of nutrients on gut sensitivity and reflexes. Gut, 2007, 56, 37-42.	12.1	20
133	Intestinal motor activity, endoluminal motion and transit. Neurogastroenterology and Motility, 2009, 21, 1264.	3.0	20
134	Double-balloon jejunal perfusion to compare absorption of vitamin E and vitamin E acetate in healthy volunteers under maldigestion conditions. European Journal of Clinical Nutrition, 2013, 67, 202-206.	2.9	20
135	Treatment of excessive intestinal gas. Current Treatment Options in Gastroenterology, 2004, 7, 299-305.	0.8	19
136	Abdominal accommodation induced by meal ingestion: differential responses to gastric and colonic volume loads. Neurogastroenterology and Motility, 2013, 25, 339.	3.0	19
137	Accumulative effect of food residues on intestinal gas production. Neurogastroenterology and Motility, 2015, 27, 1621-1628.	3.0	19
138	Decreased TESK1-mediated cofilin 1 phosphorylation in the jejunum of IBS-D patients may explain increased female predisposition to epithelial dysfunction. Scientific Reports, 2018, 8, 2255.	3.3	18
139	Biological Response to Meal Ingestion: Gender Differences. Nutrients, 2019, 11, 702.	4.1	18
140	Intestinal gas homeostasis: disposal pathways. Neurogastroenterology and Motility, 2015, 27, 363-369.	3.0	17
141	The Pathogenesis of Bloating and Visible Distension in Irritable Bowel Syndrome. Gastroenterology Clinics of North America, 2005, 34, 257-269.	2.2	16
142	Adaptable image cuts for motility inspection using WCE. Computerized Medical Imaging and Graphics, 2013, 37, 72-80.	5.8	16
143	WCE polyp detection with triplet based embeddings. Computerized Medical Imaging and Graphics, 2020, 86, 101794.	5.8	16
144	Motor dysfunction of the gut in cystic fibrosis. Neurogastroenterology and Motility, 2020, 32, e13883.	3.0	16

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145	Peripheral Corticotropin-Releasing Factor Triggers Jejunal Mast Cell Activation and Abdominal Pain in Patients With Diarrhea-Predominant Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 2020, 115, 2047-2059.	0.4	16
146	Gastrogastric reflexes regulating gastric tone and their relationship to perception. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 273, G464-G469.	3.4	15
147	Brain networks associated with cognitive and hedonic responses to a meal. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13031.	3.0	15
148	Correction of Abdominal Distention by Biofeedback-Guided Control of Abdominothoracic Muscular Activity in a Randomized, Placebo-Controlled Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 1922-1929.	4.4	15
149	Enteric neuron density correlates with clinical features of severe gut dysmotility. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G793-G801.	3.4	15
150	European Society for Neurogastroenterology and Motility recommendations for conducting gastrointestinal motility and function testing in the recovery phase of the COVID-19 pandemic. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13930.	3.0	15
151	Intestinal perception: mechanisms and assessment. <i>British Journal of Nutrition</i> , 2005, 93, S7-S12.	2.3	14
152	Melatonin as a modulator of the ileal brake mechanism. <i>Scandinavian Journal of Gastroenterology</i> , 2005, 40, 559-563.	1.5	14
153	Detection of individual motor units of the puborectalis muscle by non-invasive EMG electrode arrays. <i>Journal of Electromyography and Kinesiology</i> , 2008, 18, 382-389.	1.7	14
154	Anisotropic Feature Extraction from Endoluminal Images for Detection of Intestinal Contractions. <i>Lecture Notes in Computer Science</i> , 2006, 9, 161-168.	1.3	14
155	Colonic content in health and its relation to functional gut symptoms. <i>Neurogastroenterology and Motility</i> , 2016, 28, 849-854.	3.0	13
156	Meal Enjoyment and Tolerance in Women and Men. <i>Nutrients</i> , 2019, 11, 119.	4.1	13
157	Variations in Gastric Tone Associated with Duodenal Motor Events After Activation of Central Emetic Mechanisms in the Dog. <i>Neurogastroenterology and Motility</i> , 1990, 2, 1-11.	3.0	12
158	Effect of prucalopride on intestinal gas tolerance in patients with functional bowel disorders and constipation. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017, 32, 1457-1462.	2.8	12
159	Appetite influences the responses to meal ingestion. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13072.	3.0	12
160	Modulation of gastric accommodation by duodenal nutrients. <i>World Journal of Gastroenterology</i> , 2005, 11, 4848.	3.3	12
161	Ileal brake failure in streptozotocin-induced diabetic rat. <i>Scandinavian Journal of Gastroenterology</i> , 2004, 39, 423-427.	1.5	11
162	Detection of Wrinkle Frames in Endoluminal Videos Using Betweenness Centrality Measures for Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 1831-1838.	6.3	11

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163	Abdominal distension after eating lettuce: The role of intestinal gas evaluated in vitro and by abdominal CT imaging. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13703.	3.0	11
164	Intestinal Gas. , 2010, , 233-240.e2.		11
165	Potential Pitfalls in the Differential Diagnosis of Irritable Bowel Syndrome. <i>Digestion</i> , 2000, 61, 247-256.	2.3	10
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