

Francisco Guarner

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188
papers

35,553
citations

63
h-index

188
g-index

224
ext. papers

42,599
ext. citations

7.8
avg, IF

6.75
L-index

#	Paper	IF	Citations
188	A human gut microbial gene catalogue established by metagenomic sequencing. <i>Nature</i> , 2010 , 464, 59-65	50.4	7044
187	Enterotypes of the human gut microbiome. <i>Nature</i> , 2011 , 473, 174-80	50.4	4240
186	Expert consensus document. The International Scientific Association for Probiotics and Prebiotics consensus statement on the scope and appropriate use of the term probiotic. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014 , 11, 506-14	24.2	3614
185	Richness of human gut microbiome correlates with metabolic markers. <i>Nature</i> , 2013 , 500, 541-6	50.4	2584
184	Gut flora in health and disease. <i>Lancet, The</i> , 2003 , 361, 512-9	40	2250
183	Prebiotic effects: metabolic and health benefits. <i>British Journal of Nutrition</i> , 2010 , 104 Suppl 2, S1-63	3.6	1440
182	An integrated catalog of reference genes in the human gut microbiome. <i>Nature Biotechnology</i> , 2014 , 32, 834-41	44.5	1088
181	The gut microbiota in IBD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012 , 9, 599-608	24.2	759
180	Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes. <i>Nature Biotechnology</i> , 2014 , 32, 822-8	44.5	624
179	A microbial signature for Crohn's disease. <i>Gut</i> , 2017 , 66, 813-822	19.2	409
178	Towards standards for human fecal sample processing in metagenomic studies. <i>Nature Biotechnology</i> , 2017 , 35, 1069-1076	44.5	355
177	An update on the use and investigation of probiotics in health and disease. <i>Gut</i> , 2013 , 62, 787-96	19.2	343
176	Metagenomic species profiling using universal phylogenetic marker genes. <i>Nature Methods</i> , 2013 , 10, 1196-9	21.6	340
175	Patients with achalasia lack nitric oxide synthase in the gastro-oesophageal junction. <i>European Journal of Clinical Investigation</i> , 1993 , 23, 724-8	4.6	257
174	Inflammatory disease processes and interactions with nutrition. <i>British Journal of Nutrition</i> , 2009 , 101 Suppl 1, S1-45	3.6	247
173	Modulation of the microbial ecology of the human colon by probiotics, prebiotics and synbiotics to enhance human health: an overview of enabling science and potential applications. <i>FEMS Microbiology Ecology</i> , 2005 , 52, 145-52	4.3	238
172	Increased mucosal tumour necrosis factor alpha production in Crohn's disease can be downregulated ex vivo by probiotic bacteria. <i>Gut</i> , 2002 , 51, 659-64	19.2	236

171	Reshaping the gut microbiome with bacterial transplantation and antibiotic intake. <i>Genome Research</i> , 2010 , 20, 1411-9	9.7	235
170	Phylogenetic analysis of dysbiosis in ulcerative colitis during remission. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 481-8	4.5	233
169	Gut Microbiota Linked to Sexual Preference and HIV Infection. <i>EBioMedicine</i> , 2016 , 5, 135-46	8.8	230
168	World Gastroenterology Organisation Global Guidelines: probiotics and prebiotics October 2011. <i>Journal of Clinical Gastroenterology</i> , 2012 , 46, 468-81	3	226
167	The intestine and its microflora are partners for the protection of the host: report on the Danone Symposium "The Intelligent Intestine," held in Paris, June 14, 2002. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 675-83	7	222
166	Mechanisms of disease: the hygiene hypothesis revisited. <i>Nature Reviews Gastroenterology & Hepatology</i> , 2006 , 3, 275-84		219
165	Should yoghurt cultures be considered probiotic?. <i>British Journal of Nutrition</i> , 2005 , 93, 783-6	3.6	209
164	Short-term effect of antibiotics on human gut microbiota. <i>PLoS ONE</i> , 2014 , 9, e95476	3.7	199
163	Prepublication data sharing. <i>Nature</i> , 2009 , 461, 168-70	50.4	197
162	Linking the gut microbiota to human health. <i>British Journal of Nutrition</i> , 2013 , 109 Suppl 2, S21-6	3.6	196
161	Probiotics and human health: a clinical perspective. <i>Postgraduate Medical Journal</i> , 2004 , 80, 516-26	2	186
160	Selective gastric hypersensitivity and reflex hyporeactivity in functional dyspepsia. <i>Gastroenterology</i> , 1994 , 107, 1345-51	13.3	185
159	Enteric flora in health and disease. <i>Digestion</i> , 2006 , 73 Suppl 1, 5-12	3.6	179
158	Reduction of butyrate- and methane-producing microorganisms in patients with Irritable Bowel Syndrome. <i>Scientific Reports</i> , 2015 , 5, 12693	4.9	173
157	Oral oligofructose-enriched inulin supplementation in acute ulcerative colitis is well tolerated and associated with lowered faecal calprotectin. <i>Alimentary Pharmacology and Therapeutics</i> , 2007 , 25, 1061-7	6.1	167
156	Gut microbiota and gastrointestinal health: current concepts and future directions. <i>Neurogastroenterology and Motility</i> , 2013 , 25, 4-15	4	162
155	Storage conditions of intestinal microbiota matter in metagenomic analysis. <i>BMC Microbiology</i> , 2012 , 12, 158	4.5	161
154	The intestinal microbiome, probiotics and prebiotics in neurogastroenterology. <i>Gut Microbes</i> , 2013 , 4, 17-27	8.8	155

153	Unstable composition of the fecal microbiota in ulcerative colitis during clinical remission. <i>American Journal of Gastroenterology</i> , 2008 , 103, 643-8	0.7	151
152	Dietary fish oil reduces progression of chronic inflammatory lesions in a rat model of granulomatous colitis. <i>Gut</i> , 1990 , 31, 539-44	19.2	150
151	PASSCLAIM--gut health and immunity. <i>European Journal of Nutrition</i> , 2004 , 43 Suppl 2, II118-II173	5.2	147
150	Human gut microbiota and its relationship to health and disease. <i>Nutrition Reviews</i> , 2011 , 69, 392-403	6.4	146
149	Dietary inulin improves distal colitis induced by dextran sodium sulfate in the rat. <i>American Journal of Gastroenterology</i> , 2001 , 96, 1486-93	0.7	146
148	Colonisation by <i>Faecalibacterium prausnitzii</i> and maintenance of clinical remission in patients with ulcerative colitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2013 , 38, 151-61	6.1	138
147	Participation of thromboxane and other eicosanoid synthesis in the course of experimental inflammatory colitis. <i>Gastroenterology</i> , 1990 , 98, 269-77	13.3	123
146	Effects of nonpathogenic bacteria on cytokine secretion by human intestinal mucosa. <i>American Journal of Gastroenterology</i> , 2003 , 98, 865-70	0.7	118
145	The gut microbiota predispose to the pathophysiology of acute postradiotherapy diarrhea. <i>American Journal of Gastroenterology</i> , 2008 , 103, 1754-61	0.7	113
144	Effects of probiotic <i>Lactobacillus casei</i> DN-114 001 in prevention of radiation-induced diarrhea: results from multicenter, randomized, placebo-controlled nutritional trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 71, 1213-9	4	110
143	<i>Lactobacillus casei</i> downregulates commensals inflammatory signals in Crohn's disease mucosa. <i>Inflammatory Bowel Diseases</i> , 2009 , 15, 275-83	4.5	109
142	A global perspective on irritable bowel syndrome: a consensus statement of the World Gastroenterology Organisation Summit Task Force on irritable bowel syndrome. <i>Journal of Clinical Gastroenterology</i> , 2012 , 46, 356-66	3	106
141	Induction of nitric oxide synthase in colonic smooth muscle from patients with toxic megacolon. <i>Gastroenterology</i> , 1995 , 109, 1497-502	13.3	104
140	Processing faecal samples: a step forward for standards in microbial community analysis. <i>BMC Microbiology</i> , 2014 , 14, 112	4.5	99
139	Modulation of colonic barrier function by the composition of the commensal flora in the rat. <i>Gut</i> , 2001 , 48, 503-7	19.2	98
138	Role of intestinal microflora in chronic inflammation and ulceration of the rat colon. <i>Gut</i> , 1994 , 35, 1090-7	19.2	93
137	Nitric oxide modulates pancreatic basal secretion and response to cerulein in the rat: effects in acute pancreatitis. <i>Gastroenterology</i> , 1995 , 108, 1855-62	13.3	80
136	Stimulation of transforming growth factor beta1 by enteric bacteria in the pathogenesis of rat intestinal fibrosis. <i>Gastroenterology</i> , 1998 , 114, 519-26	13.3	77

135	Current level of consensus on probiotic science--report of an expert meeting--London, 23 November 2009. <i>Gut Microbes</i> , 2010 , 1, 436-9	8.8	72
134	Guidelines for the design, conduct and reporting of human intervention studies to evaluate the health benefits of foods. <i>British Journal of Nutrition</i> , 2011 , 106 Suppl 2, S3-15	3.6	72
133	Anal gas evacuation and colonic microbiota in patients with flatulence: effect of diet. <i>Gut</i> , 2014 , 63, 401-8	8.2	71
132	Role of bacteria in experimental colitis. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2003 , 17, 793-804	2.5	69
131	MetaTrans: an open-source pipeline for metatranscriptomics. <i>Scientific Reports</i> , 2016 , 6, 26447	4.9	67
130	Increased activity and expression of matrix metalloproteinase-9 in a rat model of distal colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, G116-22	5.1	66
129	Antibiotics as Major Disruptors of Gut Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 572912	5.9	66
128	Role of microecology in chronic inflammatory bowel diseases. <i>European Journal of Clinical Nutrition</i> , 2002 , 56 Suppl 4, S34-8	5.2	65
127	Inulin and oligofructose: impact on intestinal diseases and disorders. <i>British Journal of Nutrition</i> , 2005 , 93 Suppl 1, S61-5	3.6	63
126	Transforming growth factor-beta type 1 receptor (ALK5) and Smad proteins mediate TIMP-1 and collagen synthesis in experimental intestinal fibrosis. <i>Journal of Pathology</i> , 2011 , 224, 461-72	9.4	62
125	Adhesion properties of Lactobacillus casei strains to resected intestinal fragments and components of the extracellular matrix. <i>Archives of Microbiology</i> , 2009 , 191, 153-61	3	61
124	The administration of probiotics and synbiotics in immune compromised adults: is it safe?. <i>Beneficial Microbes</i> , 2015 , 6, 3-17	4.9	59
123	Modulation of apoptosis in intestinal lymphocytes by a probiotic bacteria in Crohn's disease. <i>Journal of Leukocyte Biology</i> , 2006 , 79, 917-22	6.5	58
122	Blockade of the hydroosmotic effect of vasopressin normalizes water excretion in cirrhotic rats. <i>Gastroenterology</i> , 1989 , 97, 1294-9	13.3	55
121	Antiinflammatory effects of enterically coated amoxicillin-clavulanic acid in active ulcerative colitis. <i>Inflammatory Bowel Diseases</i> , 1998 , 4, 1-5	4.5	54
120	Induction of chronic pancreatic disease by trinitrobenzene sulfonic acid infusion into rat pancreatic ducts. <i>Pancreas</i> , 1996 , 13, 417-24	2.6	54
119	Reduction by prostacyclin of acetaminophen-induced liver toxicity in the mouse. <i>Hepatology</i> , 1988 , 8, 248-53	11.2	53
118	Fate of oral enzymes in pancreatic insufficiency. <i>Gut</i> , 1993 , 34, 708-12	19.2	52

117	Probiotic and synbiotic safety in infants under two years of age. <i>Beneficial Microbes</i> , 2014 , 5, 45-60	4.9	51
116	Deranged hydrophobic barrier of the rat gastroduodenal mucosa after parenteral nonsteroidal anti-inflammatory drugs. <i>Gastroenterology</i> , 1997 , 112, 1931-9	13.3	50
115	Studies with inulin-type fructans on intestinal infections, permeability, and inflammation. <i>Journal of Nutrition</i> , 2007 , 137, 2568S-2571S	4.1	50
114	Surface hydrophobicity of the rat colonic mucosa is a defensive barrier against macromolecules and toxins. <i>Gut</i> , 2000 , 46, 515-21	19.2	50
113	Polyunsaturated phosphatidylcholine prevents stricture formation in a rat model of colitis. <i>Gastroenterology</i> , 1996 , 110, 1093-7	13.3	50
112	Responders and non-responders to probiotic interventions: how can we improve the odds?. <i>Gut Microbes</i> , 2010 , 1, 200-4	8.8	48
111	Mucosal colonisation with <i>Lactobacillus casei</i> mitigates barrier injury induced by exposure to trinitrobenzene sulphonic acid. <i>Gut</i> , 2005 , 54, 955-9	19.2	48
110	Effects of Prebiotics vs a Diet Low in FODMAPs in Patients With Functional Gut Disorders. <i>Gastroenterology</i> , 2018 , 155, 1004-1007	13.3	48
109	Cytoprotective effect of prostaglandins on isolated rat liver cells. <i>Liver</i> , 1985 , 5, 35-9		47
108	The arginine/nitric oxide pathway modulates sphincter of Oddi motor activity in guinea pigs and rabbits. <i>Gastroenterology</i> , 1993 , 105, 1299-305	13.3	47
107	The intestinal flora in inflammatory bowel disease: normal or abnormal?. <i>Current Opinion in Gastroenterology</i> , 2005 , 21, 414-8	3	47
106	Safety of probiotics and synbiotics in children under 18 years of age. <i>Beneficial Microbes</i> , 2015 , 6, 615-304.9	4.9	45
105	Systemic prostacyclin in cirrhotic patients. <i>Gastroenterology</i> , 1992 , 102, 303-309	13.3	42
104	Not all lactic acid bacteria are probiotics, ...but some are. <i>British Journal of Nutrition</i> , 2010 , 103, 1079-81	3.6	40
103	Incrimination of anaerobic bacteria in the induction of experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 1997 , 272, G10-5	5.1	40
102	Prebiotics in inflammatory bowel diseases. <i>British Journal of Nutrition</i> , 2007 , 98 Suppl 1, S85-9	3.6	40
101	Alteration of the serum microbiome composition in cirrhotic patients with ascites. <i>Scientific Reports</i> , 2016 , 6, 25001	4.9	38
100	Transcriptional interactions suggest niche segregation among microorganisms in the human gut. <i>Nature Microbiology</i> , 2016 , 1, 16152	26.6	38

99	Regulation of gall bladder motility by the arginine-nitric oxide pathway in guinea pigs. <i>Gut</i> , 1993 , 34, 911-5	19.2	37
98	Selective inhibition of phosphodiesterase-4 ameliorates chronic colitis and prevents intestinal fibrosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 940-5	4.7	36
97	Alterations in Gut Microbiome in Cirrhosis as Assessed by Quantitative Metagenomics: Relationship With Acute-on-Chronic Liver Failure and Prognosis. <i>Gastroenterology</i> , 2021 , 160, 206-218.e13	13.3	35
96	Effect of inulin and fructo-oligosaccharide on the prevention of acute radiation enteritis in patients with gynecological cancer and impact on quality-of-life: a randomized, double-blind, placebo-controlled trial. <i>European Journal of Clinical Nutrition</i> , 2016 , 70, 170-4	5.2	34
95	Hot topics in gut microbiota. <i>United European Gastroenterology Journal</i> , 2013 , 1, 311-8	5.3	34
94	A single mutation in the gene responsible for the mucoid phenotype of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> confers surface and functional characteristics. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 7960-8	4.8	33
93	A review of the systematic review process and its applicability for use in evaluating evidence for health claims on probiotic foods in the European Union. <i>Nutrition Journal</i> , 2015 , 14, 16	4.3	32
92	Intraluminal colonic release of immunoreactive tumour necrosis factor in chronic ulcerative colitis. <i>Clinical Science</i> , 1994 , 87, 453-8	6.5	30
91	Crohn's Disease Disturbs the Immune Properties of Human Adipose-Derived Stem Cells Related to Inflammasome Activation. <i>Stem Cell Reports</i> , 2017 , 9, 1109-1123	8	28
90	<i>Lactobacillus paracasei</i> and <i>Lactobacillus plantarum</i> strains downregulate proinflammatory genes in an ex vivo system of cultured human colonic mucosa. <i>Genes and Nutrition</i> , 2013 , 8, 165-80	4.3	28
89	Coping with common gastrointestinal symptoms in the community: a global perspective on heartburn, constipation, bloating, and abdominal pain/discomfort May 2013. <i>Journal of Clinical Gastroenterology</i> , 2014 , 48, 567-78	3	27
88	Cutoff values of the Inflammatory Bowel Disease Questionnaire to predict a normal health related quality of life. <i>Journal of Crohn's and Colitis</i> , 2010 , 4, 637-41	1.5	25
87	Therapeutic effect of phenantroline in two rat models of inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , 2001 , 36, 1314-9	2.4	25
86	Effect of a mixture of inulin and fructo-oligosaccharide on <i>Lactobacillus</i> and <i>Bifidobacterium</i> intestinal microbiota of patients receiving radiotherapy: a randomised, double-blind, placebo-controlled trial. <i>Nutricion Hospitalaria</i> , 2012 , 27, 1908-15	1	25
85	Hygiene, microbial diversity and immune regulation. <i>Current Opinion in Gastroenterology</i> , 2007 , 23, 667-72		24
84	Discussion on toll-like receptor 9 signaling mediates the anti-inflammatory effects of probiotics in murine experimental colitis. <i>Gastroenterology</i> , 2004 , 127, 366-7; author reply 367	13.3	24
83	Metabolic adaptation of colonic microbiota to galactooligosaccharides: a proof-of-concept-study. <i>Alimentary Pharmacology and Therapeutics</i> , 2017 , 45, 670-680	6.1	23
82	<i>Lactobacillus casei</i> prevents the upregulation of ICAM-1 expression and leukocyte recruitment in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, G1155-62	5.1	23

81	Ethanol feeding aggravates morphological and biochemical parameters in experimental chronic pancreatitis. <i>Digestion</i> , 1999 , 60, 166-74	3.6	23
80	Toxic dilatation of colon in a rat model of colitis is linked to an inducible form of nitric oxide synthase. <i>American Journal of Physiology - Renal Physiology</i> , 1996 , 270, G425-30	5.1	23
79	Probiotic and prebiotic claims in Europe: seeking a clear roadmap. <i>British Journal of Nutrition</i> , 2011 , 106, 1765-7	3.6	22
78	Bile acid induced colonic irritation stimulates intracolonic nitric oxide release in humans. <i>Gut</i> , 1996 , 38, 719-23	19.2	22
77	What is the role of the enteric commensal flora in IBD?. <i>Inflammatory Bowel Diseases</i> , 2008 , 14 Suppl 2, S83-4	4.5	20
76	Induction of chronic cholangitis in the rat by trinitrobenzenesulfonic acid. <i>Journal of Hepatology</i> , 1995 , 22, 219-25	13.4	20
75	Restoration of quality of life of patients with inflammatory bowel disease after one year with antiTNF treatment. <i>Journal of Crohn's and Colitis</i> , 2012 , 6, 881-6	1.5	19
74	Prebiotics, probiotics and helminths: the natural solution?. <i>Digestive Diseases</i> , 2009 , 27, 412-7	3.2	19
73	Probiotic prophylaxis in predicted severe acute pancreatitis. <i>Lancet, The</i> , 2008 , 372, 112-113	4.0	19
72	Endotoxin-induced ascites formation in the rat: partial mediation by platelet-activating factor. <i>Hepatology</i> , 1989 , 10, 788-94	11.2	19
71	Phosphatidylcholines as mediators of adaptive cytoprotection of the rat duodenum. <i>Gastroenterology</i> , 1994 , 107, 720-7	13.3	18
70	Abnormal leukotriene C4 released by unaffected jejunal mucosa in patients with inactive Crohn's disease. <i>Gut</i> , 1994 , 35, 517-22	19.2	18
69	The Mexican consensus on probiotics in gastroenterology. <i>Revista De Gastroenterología De México</i> , 2017 , 82, 156-178	0.7	17
68	Effect of a low-flatulogenic diet in patients with flatulence and functional digestive symptoms. <i>Neurogastroenterology and Motility</i> , 2014 , 26, 779-85	4	17
67	Colonic gas homeostasis: Mechanisms of adaptation following HOST-G904 galactooligosaccharide use in humans. <i>Neurogastroenterology and Motility</i> , 2017 , 29, e13080	4	16
66	Effect of Chicory-derived Inulin on Abdominal Sensations and Bowel Motor Function. <i>Journal of Clinical Gastroenterology</i> , 2017 , 51, 619-625	3	15
65	Digestive Symptoms in Healthy People and Subjects With Irritable Bowel Syndrome: Validation of Symptom Frequency Questionnaire. <i>Journal of Clinical Gastroenterology</i> , 2015 , 49, e64-70	3	15
64	Microbiome composition by pyrosequencing in mesenteric lymph nodes of rats with CCl4-induced cirrhosis. <i>Journal of Innate Immunity</i> , 2014 , 6, 263-71	6.9	15

63	Induction of colonic transmural inflammation by <i>Bacteroides fragilis</i> : implication of matrix metalloproteinases. <i>Inflammatory Bowel Diseases</i> , 2005 , 11, 99-105	4.5	15
62	Accumulative effect of food residues on intestinal gas production. <i>Neurogastroenterology and Motility</i> , 2015 , 27, 1621-8	4	14
61	Derangement of mucosal barrier function by bacteria colonizing the rat colonic mucosa. <i>European Journal of Clinical Investigation</i> , 1998 , 28, 1019-26	4.6	14
60	Longitudinal study of renal prostaglandin excretion in cirrhotic rats: relationship with the renin-aldosterone system. <i>Clinical Science</i> , 1988 , 75, 263-9	6.5	14
59	Structure and functions of the gut microbiome. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2014 , 14, 290-9	2.2	14
58	Transportome Profiling Identifies Profound Alterations in Crohn's Disease Partially Restored by Commensal Bacteria. <i>Journal of Crohn's and Colitis</i> , 2016 , 10, 850-9	1.5	13
57	Central regulation of gastric acid secretion by platelet-activating factor in anesthetized rats. <i>Prostaglandins</i> , 1989 , 37, 275-85		13
56	Faecal DNA and calprotectin as biomarkers of acute intestinal toxicity in patients undergoing pelvic radiotherapy. <i>Alimentary Pharmacology and Therapeutics</i> , 2009 , 30, 175-85	6.1	12
55	Fecal excretion of human deoxyribonucleic acid as an index of inflammatory activity in ulcerative colitis. <i>Clinical Gastroenterology and Hepatology</i> , 2004 , 2, 683-9	6.9	12
54	Epidermal growth factor increases surface hydrophobicity and resistance to acid in the rat duodenum. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 280, G774-9	5.1	12
53	Decade in review-gut microbiota: the gut microbiota era marches on. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2014 , 11, 647-9	24.2	11
52	Fecal excretion of deoxyribonucleic acid in long-term follow-up of patients with inactive ulcerative colitis. <i>Inflammatory Bowel Diseases</i> , 2007 , 13, 386-90	4.5	11
51	Antiulcerogenic and antiinflammatory actions of fatty acids on the gastrointestinal tract. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1991 , 43, 135-40	2.8	11
50	Norfloxacin is more effective than Rifaximin in avoiding bacterial translocation in an animal model of cirrhosis. <i>Liver International</i> , 2018 , 38, 295-302	7.9	10
49	Polyethylene glycol enhances colonic barrier function and ameliorates experimental colitis in rats. <i>International Journal of Colorectal Disease</i> , 2007 , 22, 571-80	3	10
48	Duodenal mucosal resistance to intraluminal acid in the rat: Role of adaptive cytoprotection. <i>Gastroenterology</i> , 1992 , 102, 1129-1135	13.3	10
47	From basic to applied research: lessons from the human microbiome projects. <i>Journal of Clinical Gastroenterology</i> , 2014 , 48 Suppl 1, S3-4	3	9
46	Intracolonic release in vivo of interleukin-1 beta in chronic ulcerative colitis. <i>Clinical Science</i> , 1995 , 89, 521-6	6.5	9

45	Intracerebroventricular infusion of sodium chloride-rich artificial cerebrospinal fluid in rats induces natriuresis and releases an inhibitor of prostaglandin synthesis. <i>Clinical Science</i> , 1984 , 66, 621-4	6.5	9
44	Influence of dietary fat on duodenal resistance to acid. <i>Gut</i> , 1993 , 34, 1303-9	19.2	8
43	Determination of 2,3-dinor-6-ketoprostaglandin F1 alpha in urine samples by liquid chromatography and radioimmunoassay. <i>Biomedical Applications</i> , 1986 , 383, 317-24		8
42	Modulatory effect of nitric oxide on mast cells during induction of dextran sulfate sodium colitis. <i>Digestive Diseases and Sciences</i> , 2007 , 52, 45-51	4	7
41	Bacterial peptides enhance inflammatory activity in a rat model of colitis. <i>Digestion</i> , 1996 , 57, 368-73	3.6	7
40	Galectin-4 interacts with the drug transporter human concentrative nucleoside transporter 3 to regulate its function. <i>FASEB Journal</i> , 2016 , 30, 544-54	0.9	6
39	The gut microbiome: What do we know?. <i>Clinical Liver Disease</i> , 2015 , 5, 86-90	2.2	6
38	Adaptive cytoprotection of the rat duodenum is not dependent on nitric oxide-induced changes in blood flow. <i>American Journal of Physiology - Renal Physiology</i> , 1993 , 264, G994-1000	5.1	6
37	Dysbiosis and relapse-related microbiome in inflammatory bowel disease: A shotgun metagenomic approach.. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 6481-6489	6.8	6
36	Differential Effects of Western and Mediterranean-Type Diets on Gut Microbiota: A Metagenomics and Metabolomics Approach. <i>Nutrients</i> , 2021 , 13,	6.7	6
35	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	4	5
34	Influence of colectomy on hydrogen excretion in breath. <i>International Journal of Colorectal Disease</i> , 2010 , 25, 485-9	3	4
33	Prebiotics and mucosal barrier function. <i>Journal of Nutrition</i> , 2006 , 136, 2269; author reply 2270-1	4.1	4
32	Prescribing nonsteroidal anti-inflammatory drugs together with antisecretory agents is safe but may be useless. <i>Gastroenterology</i> , 1996 , 111, 1145-6	13.3	4
31	Inhibitors of the lipoxygenase arachidonic acid pathway impair glycocholate efflux in isolated rat hepatocytes. <i>Journal of Hepatology</i> , 1991 , 12, 302-11	13.4	4
30	Intestinal Microbiota Composition in Adults. <i>World Review of Nutrition and Dietetics</i> , 2013 , 17-24	0.2	3
29	Mo1170 Flatulence: Is it What it Seems? Clinical, Physiological and Microbiological Features. <i>Gastroenterology</i> , 2012 , 142, S-611-S-612	13.3	3
28	Impacts of prebiotics on the immune system and inflammation 2013 , 292-312		3

27	Colonization by Faecalibacterium Prausnitzii and Maintenance of Clinical Remission in Patients With Ulcerative Colitis. <i>Gastroenterology</i> , 2011 , 140, S-47	13.3	3
26	Stimulation of Mucosal Inflammatory Activity by the Normal Fecal Flora in a Rat Model of Colitis. <i>Inflammatory Bowel Diseases</i> , 1997 , 3, 191-197	4.5	3
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