

# Fergus Shanahan

## List of Publications by Year in descending order

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731  
papers

54,995  
citations

1046

113  
h-index

1715

213  
g-index

1005  
all docs

1005  
docs citations

1005  
times ranked

45408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiota composition correlates with diet and health in the elderly. <i>Nature</i> , 2012, 488, 178-184.	27.8	2,618
2	The gut flora as a forgotten organ. <i>EMBO Reports</i> , 2006, 7, 688-693.	4.5	2,226
3	The microbiome-gut-brain axis during early life regulates the hippocampal serotonergic system in a sex-dependent manner. <i>Molecular Psychiatry</i> , 2013, 18, 666-673.	7.9	1,445
4	Composition, variability, and temporal stability of the intestinal microbiota of the elderly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4586-4591.	7.1	1,418
5	Lactobacillus and bifidobacterium in irritable bowel syndrome: Symptom responses and relationship to cytokine profiles. <i>Gastroenterology</i> , 2005, 128, 541-551.	1.3	1,276
6	Exercise and associated dietary extremes impact on gut microbial diversity. <i>Gut</i> , 2014, 63, 1913-1920.	12.1	987
7	The Fas counterattack: Fas-mediated T cell killing by colon cancer cells expressing Fas ligand.. <i>Journal of Experimental Medicine</i> , 1996, 184, 1075-1082.	8.5	840
8	Composition and energy harvesting capacity of the gut microbiota: relationship to diet, obesity and time in mouse models. <i>Gut</i> , 2010, 59, 1635-1642.	12.1	808
9	Efficacy of an Encapsulated Probiotic Bifidobacterium infantis 35624 in Women with Irritable Bowel Syndrome. <i>American Journal of Gastroenterology</i> , 2006, 101, 1581-1590.	0.4	739
10	Enterotypes in the landscape of gut microbial community composition. <i>Nature Microbiology</i> , 2018, 3, 8-16.	13.3	717
11	Microbiota is essential for social development in the mouse. <i>Molecular Psychiatry</i> , 2014, 19, 146-148.	7.9	708
12	In vitro selection criteria for probiotic bacteria of human origin: correlation with in vivo findings. <i>American Journal of Clinical Nutrition</i> , 2001, 73, 386s-392s.	4.7	667
13	The role of substance P in inflammatory disease. <i>Journal of Cellular Physiology</i> , 2004, 201, 167-180.	4.1	658
14	Tumour-associated and non-tumour-associated microbiota in colorectal cancer. <i>Gut</i> , 2017, 66, 633-643.	12.1	623
15	Are we telling patients the truth about surveillance colonoscopy in ulcerative colitis?. <i>Lancet</i> , The, 1994, 343, 71-74.	13.7	587
16	Hypothalamic-Pituitary-Gut Axis Dysregulation in Irritable Bowel Syndrome: Plasma Cytokines as a Potential Biomarker?. <i>Gastroenterology</i> , 2006, 130, 304-311.	1.3	544
17	Rapid and Noninvasive Metabonomic Characterization of Inflammatory Bowel Disease. <i>Journal of Proteome Research</i> , 2007, 6, 546-551.	3.7	539
18	A distinct subset of antineutrophil cytoplasmic antibodies is associated with inflammatory bowel disease. <i>Journal of Allergy and Clinical Immunology</i> , 1990, 86, 202-210.	2.9	505

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19	Regulation of host weight gain and lipid metabolism by bacterial bile acid modification in the gut. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7421-7426.	7.1	471
20	Crohn's disease. Lancet, The, 2002, 359, 62-69.	13.7	467
21	Regulation of prefrontal cortex myelination by the microbiota. Translational Psychiatry, 2016, 6, e774-e774.	4.8	459
22	Bifidobacterial surface-exopolysaccharide facilitates commensal-host interaction through immune modulation and pathogen protection. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2108-2113.	7.1	450
23	The oral microbiota in colorectal cancer is distinctive and predictive. Gut, 2018, 67, 1454-1463.	12.1	425
24	Double blind, placebo controlled trial of two probiotic strains in interleukin 10 knockout mice and mechanistic link with cytokine balance. Gut, 2003, 52, 975-980.	12.1	399
25	The gut microbiota and its relationship to diet and obesity. Gut Microbes, 2012, 3, 186-202.	9.8	382
26	Adult Hippocampal Neurogenesis Is Regulated by the Microbiome. Biological Psychiatry, 2015, 78, e7-e9.	1.3	363
27	<i>Bifidobacterium infantis</i> 35624 modulates host inflammatory processes beyond the gut. Gut Microbes, 2013, 4, 325-339.	9.8	342
28	The microbiome of professional athletes differs from that of more sedentary subjects in composition and particularly at the functional metabolic level. Gut, 2018, 67, gutjnl-2016-313627.	12.1	333
29	Neutrophil Cytoplasmic Antibodies: A Link Between Primary Sclerosing Cholangitis and Ulcerative Colitis. Gastroenterology, 1991, 100, 1385-1391.	1.3	332
30	Functional genome analysis of <i>Bifidobacterium breve</i> UCC2003 reveals type IVb tight adherence (Tad) pili as an essential and conserved host-colonization factor. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11217-11222.	7.1	328
31	Mast cell heterogeneity: effects of neuroenteric peptides on histamine release. Journal of Immunology, 1985, 135, 1331-7.	0.8	324
32	World Gastroenterology Organisation Global Guidelines. Journal of Clinical Gastroenterology, 2012, 46, 468-481.	2.2	321
33	Title is missing!. Antonie Van Leeuwenhoek, 1999, 76, 279-292.	1.7	320
34	Establishing or Exaggerating Causality for the Gut Microbiome: Lessons from Human Microbiota-Associated Rodents. Cell, 2020, 180, 221-232.	28.9	318
35	Inflammatory bowel disease: Immunodiagnostics, immunotherapeutics, and ecotherapeutics. Gastroenterology, 2001, 120, 622-635.	1.3	315
36	Commensal-Induced Regulatory T Cells Mediate Protection against Pathogen-Stimulated NF- $\kappa$ B Activation. PLoS Pathogens, 2008, 4, e1000112.	4.7	315

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37	Familial empirical risks for inflammatory bowel disease: differences between Jews and non-Jews.. Gut, 1993, 34, 517-524.	12.1	314
38	Effect of broad- and narrow-spectrum antimicrobials on <i>Clostridium difficile</i> and microbial diversity in a model of the distal colon. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4639-4644.	7.1	313
39	The stress response and the hypothalamic-pituitary-adrenal axis: from molecule to melancholia. QJM - Monthly Journal of the Association of Physicians, 2000, 93, 323-333.	0.5	307
40	Crohn's disease: factors associated with exposure to high levels of diagnostic radiation. Gut, 2008, 57, 1524-1529.	12.1	307
41	Anti-neutrophil cytoplasmic antibodies in ulcerative colitis. Gastroenterology, 1991, 100, 1590-1596.	1.3	292
42	Phylogenetic Analysis of Dysbiosis in Ulcerative Colitis During Remission. Inflammatory Bowel Diseases, 2013, 19, 481-488.	1.9	285
43	BRG1, a component of the SWI-SNF complex, is mutated in multiple human tumor cell lines. Cancer Research, 2000, 60, 6171-7.	0.9	283
44	Culture-Independent Analyses of Temporal Variation of the Dominant Fecal Microbiota and Targeted Bacterial Subgroups in Crohn's Disease. Journal of Clinical Microbiology, 2006, 44, 3980-3988.	3.9	277
45	Exploring the Diversity of the Bifidobacterial Population in the Human Intestinal Tract. Applied and Environmental Microbiology, 2009, 75, 1534-1545.	3.1	270
46	Distinct associations of HLA Class II genes with inflammatory bowel disease. Gastroenterology, 1993, 104, 741-748.	1.3	263
47	Adult microbiota-deficient mice have distinct dendritic morphological changes: differential effects in the amygdala and hippocampus. European Journal of Neuroscience, 2016, 44, 2654-2666.	2.6	263
48	Categorization of the gut microbiota: enterotypes or gradients?. Nature Reviews Microbiology, 2012, 10, 591-592.	28.6	260
49	Probiotic impact on microbial flora, inflammation and tumour development in IL-10 knockout mice. Alimentary Pharmacology and Therapeutics, 2001, 15, 1219-1225.	3.7	255
50	Functional modulation of human intestinal epithelial cell responses by <i>Bifidobacterium infantis</i> and <i>Lactobacillus salivarius</i> . Immunology, 2006, 118, 202-215.	4.4	248
51	Enterococcus faecalis Metalloprotease Compromises Epithelial Barrier and Contributes to Intestinal Inflammation. Gastroenterology, 2011, 141, 959-971.	1.3	246
52	<i>Bifidobacterium infantis</i> 35624 administration induces Foxp3 T regulatory cells in human peripheral blood: potential role for myeloid and plasmacytoid dendritic cells. Gut, 2012, 61, 354-366.	12.1	242
53	Disorders of a modern lifestyle: reconciling the epidemiology of inflammatory bowel diseases. Gut, 2008, 57, 1185-1191.	12.1	239
54	Movers and shakers. Gut Microbes, 2013, 4, 4-16.	9.8	236

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55	Divergent metabolic outcomes arising from targeted manipulation of the gut microbiota in diet-induced obesity. <i>Gut</i> , 2013, 62, 220-226.	12.1	235
56	The host-microbe interface within the gut. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2002, 16, 915-931.	2.4	231
57	A Molecular Analysis of Fecal and Mucosal Bacterial Communities in Irritable Bowel Syndrome. <i>Digestive Diseases and Sciences</i> , 2010, 55, 392-397.	2.3	228
58	Spatial variation of the colonic microbiota in patients with ulcerative colitis and control volunteers. <i>Gut</i> , 2015, 64, 1553-1561.	12.1	226
59	Inclusion of the Mesentery in Ileocolic Resection for Crohn's Disease is Associated With Reduced Surgical Recurrence. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 1139-1150.	1.3	223
60	Disturbance of the gut microbiota in early-life selectively affects visceral pain in adulthood without impacting cognitive or anxiety-related behaviors in male rats. <i>Neuroscience</i> , 2014, 277, 885-901.	2.3	222
61	The Fas counterattack in vivo: apoptotic depletion of tumor-infiltrating lymphocytes associated with Fas ligand expression by human esophageal carcinoma. <i>Journal of Immunology</i> , 1998, 160, 5669-75.	0.8	219
62	The Fas counterattack: cancer as a site of immune privilege. <i>Trends in Immunology</i> , 1999, 20, 46-52.	7.5	218
63	Bacteriophages $\phi$ MR299-2 and $\phi$ NH-4 Can Eliminate <i>Pseudomonas aeruginosa</i> in the Murine Lung and on Cystic Fibrosis Lung Airway Cells. <i>MBio</i> , 2012, 3, e00029-12.	4.1	218
64	Multireplicon genome architecture of <i>Lactobacillus salivarius</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6718-6723.	7.1	216
65	Culture-independent analysis of the gut microbiota in colorectal cancer and polyposis. <i>Environmental Microbiology</i> , 2008, 10, 789-798.	3.8	216
66	Microbes & neurodevelopment - Absence of microbiota during early life increases activity-related transcriptional pathways in the amygdala. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 209-220.	4.1	210
67	Time to abandon the hygiene hypothesis: new perspectives on allergic disease, the human microbiome, infectious disease prevention and the role of targeted hygiene. <i>Perspectives in Public Health</i> , 2016, 136, 213-224.	1.6	206
68	Patchiness of mucosal inflammation in treated ulcerative colitis: A prospective study. <i>Gastrointestinal Endoscopy</i> , 1995, 42, 232-237.	1.0	204
69	Irritable Bowel Syndrome - Type Symptoms in Patients With Inflammatory Bowel Disease: A Real Association or Reflection of Occult Inflammation?. <i>American Journal of Gastroenterology</i> , 2010, 105, 1789-1794.	0.4	204
70	Insulin-dependent diabetes mellitus and coeliac disease. <i>Lancet</i> , The, 1997, 349, 1096-1097.	18.7	201
71	Oral Mesalamine (Asacol) for Mildly to Moderately Active Ulcerative Colitis. <i>Annals of Internal Medicine</i> , 1991, 115, 350-355.	3.9	196
72	The microbiota in inflammatory bowel disease. <i>Journal of Gastroenterology</i> , 2015, 50, 495-507.	5.1	196

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73	Thrombosis in inflammatory bowel disease: clinical setting, procoagulant profile and factor V Leiden. QJM - Monthly Journal of the Association of Physicians, 1997, 90, 183-188.	0.5	190
74	Bacterial strain-specific induction of Foxp3 <sup>+</sup> T regulatory cells is protective in murine allergy models. Clinical and Experimental Allergy, 2010, 40, 811-819.	2.9	189
75	Decreased bone density in inflammatory bowel disease is related to corticosteroid use and not disease diagnosis. Journal of Bone and Mineral Research, 1995, 10, 250-256.	2.8	187
76	Clostridium difficile Carriage in Elderly Subjects and Associated Changes in the Intestinal Microbiota. Journal of Clinical Microbiology, 2012, 50, 867-875.	3.9	184
77	Neutrophil autoantibodies in ulcerative colitis: Familial aggregation and genetic heterogeneity. Gastroenterology, 1992, 103, 456-461.	1.3	183
78	Differential Expression of Toll-Like Receptors in Patients With Irritable Bowel Syndrome. American Journal of Gastroenterology, 2011, 106, 329-336.	0.4	178
79	The Vexed Relationship Between Clostridium Difficile and Inflammatory Bowel Disease: An Assessment of Carriage in an Outpatient Setting Among Patients in Remission. American Journal of Gastroenterology, 2009, 104, 1162-1169.	0.4	177
80	The Healthy Microbiome—What Is the Definition of a Healthy Gut Microbiome?. Gastroenterology, 2021, 160, 483-494.	1.3	174
81	Is the mucosal route of administration essential for probiotic function? Subcutaneous administration is associated with attenuation of murine colitis and arthritis. Gut, 2004, 53, 694-700.	12.1	170
82	Micrometastases in esophagogastric cancer: High detection rate in resected rib segments. Gastroenterology, 1999, 116, 543-548.	1.3	169
83	Antimicrobial activity of lacticin 3147 against clinical Clostridium difficile strains. Journal of Medical Microbiology, 2007, 56, 940-946.	1.8	167
84	Colonic microbiota is associated with inflammation and host epigenomic alterations in inflammatory bowel disease. Nature Communications, 2020, 11, 1512.	12.8	167
85	Small Intestinal Bacterial Overgrowth in Nonalcoholic Steatohepatitis: Association with Toll-Like Receptor 4 Expression and Plasma Levels of Interleukin 8. Digestive Diseases and Sciences, 2011, 56, 1524-1534.	2.3	165
86	Metabolic activity of the enteric microbiota influences the fatty acid composition of murine and porcine liver and adipose tissues. American Journal of Clinical Nutrition, 2009, 89, 1393-1401.	4.7	162
87	The gut microbiome as a modulator of healthy ageing. Nature Reviews Gastroenterology and Hepatology, 2022, 19, 565-584.	17.8	162
88	Bacterial DNA within Granulomas of Patients with Crohn's Disease-Detection by Laser Capture Microdissection and PCR. American Journal of Gastroenterology, 2004, 99, 1539-1543.	0.4	161
89	Human methanogen diversity and incidence in healthy and diseased colonic groups using mcrA gene analysis. BMC Microbiology, 2008, 8, 79.	3.3	158
90	Immune privilege or inflammation? Insights into the Fas ligand enigma. Nature Medicine, 2001, 7, 271-274.	30.7	152

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91	Mucosal cytokine imbalance in irritable bowel syndrome. <i>Scandinavian Journal of Gastroenterology</i> , 2008, 43, 1467-1476.	1.5	150
92	Manipulation of the Microbiota for Treatment of IBS and IBD—Challenges and Controversies. <i>Gastroenterology</i> , 2014, 146, 1554-1563.	1.3	149
93	A Prospective Metagenomic and Metabolomic Analysis of the Impact of Exercise and/or Whey Protein Supplementation on the Gut Microbiome of Sedentary Adults. <i>MSystems</i> , 2018, 3, .	3.8	148
94	Probiotics and Inflammatory Bowel Disease: Is There a Scientific Rationale?. <i>Inflammatory Bowel Diseases</i> , 2000, 6, 107-115.	1.9	147
95	Plasma Cytokine Profiles in Females With Irritable Bowel Syndrome and Extra-Intestinal Co-Morbidity. <i>American Journal of Gastroenterology</i> , 2010, 105, 2235-2243.	0.4	146
96	The microbiome regulates amygdala-dependent fear recall. <i>Molecular Psychiatry</i> , 2018, 23, 1134-1144.	7.9	146
97	Triggered human mucosal T cells release tumour necrosis factor-alpha and interferon-gamma which kill human colonic epithelial cells. <i>Clinical and Experimental Immunology</i> , 2008, 83, 79-84.	2.6	145
98	A randomized, placebo-controlled trial of calcium supplementation for decreased bone density in corticosteroid-using patients with inflammatory bowel disease: a pilot study. <i>Alimentary Pharmacology and Therapeutics</i> , 1996, 10, 777-786.	3.7	142
99	Basic aspects and pharmacology of probiotics: an overview of pharmacokinetics, mechanisms of action and side-effects. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2003, 17, 725-740.	2.4	141
100	Probiotic Effects on Inflammatory Bowel Disease <sup>1</sup> . <i>Journal of Nutrition</i> , 2007, 137, 819S-824S.	2.9	137
101	Probiotics in obese pregnancy do not reduce maternal fasting glucose: a double-blind, placebo-controlled, randomized trial (Probiotics in Pregnancy Study). <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1432-1439.	4.7	135
102	Microbial regulation of microRNA expression in the amygdala and prefrontal cortex. <i>Microbiome</i> , 2017, 5, 102.	11.1	133
103	Targeting the Microbiota to Address Diet-Induced Obesity: A Time Dependent Challenge. <i>PLoS ONE</i> , 2013, 8, e65790.	2.5	132
104	Celiac disease and irritable bowel-type symptoms. <i>American Journal of Gastroenterology</i> , 2002, 97, 1463-1467.	0.4	129
105	Genetic variability in the tumor necrosis factor-lymphotoxin region influences susceptibility to rheumatoid arthritis. <i>American Journal of Human Genetics</i> , 1996, 59, 676-83.	6.2	129
106	Microbiomic analysis of the bifidobacterial population in the human distal gut. <i>ISME Journal</i> , 2009, 3, 745-751.	9.8	128
107	Exercise and the microbiota. <i>Gut Microbes</i> , 2015, 6, 131-136.	9.8	127
108	Ranking microbiome variance in inflammatory bowel disease: a large longitudinal intercontinental study. <i>Gut</i> , 2021, 70, 499-510.	12.1	127

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109	Feeding the microbiota: transducer of nutrient signals for the host. <i>Gut</i> , 2017, 66, 1709-1717.	12.1	124
110	Quantification of the placebo response in ulcerative colitis. <i>Gastroenterology</i> , 1997, 112, 1854-1858.	1.3	123
111	Expression of Fas ligand by human gastric adenocarcinomas: a potential mechanism of immune escape in stomach cancer. <i>Gut</i> , 1999, 44, 156-162.	12.1	123
112	Enhanced Cholinergic-Mediated Increase in the Pro-Inflammatory Cytokine IL-6 in Irritable Bowel Syndrome: Role of Muscarinic Receptors. <i>American Journal of Gastroenterology</i> , 2008, 103, 2570-2576.	0.4	122
113	Differences in Fecal Microbiomes and Metabolomes of People With vs Without Irritable Bowel Syndrome and Bile Acid Malabsorption. <i>Gastroenterology</i> , 2020, 158, 1016-1028.e8.	1.3	122
114	Neurokinin-1 receptor expression in inflammatory bowel disease: molecular quantitation and localisation. <i>Gut</i> , 2000, 47, 387-396.	12.1	121
115	An International Survey of The Use and Attitudes Regarding Alternative Medicine by Patients With Inflammatory Bowel Disease. <i>American Journal of Gastroenterology</i> , 1999, 94, 1298-1303.	0.4	117
116	Sulfate-Reducing Bacteria Colonize Pouches Formed for Ulcerative Colitis but Not for Familial Adenomatous Polyposis. <i>Diseases of the Colon and Rectum</i> , 2002, 45, 384-388.	1.3	117
117	Microbiota regulates visceral pain in the mouse. <i>ELife</i> , 2017, 6, .	6.0	117
118	Gut Microbiota: Mining for Therapeutic Potential. <i>Clinical Gastroenterology and Hepatology</i> , 2007, 5, 274-284.	4.4	116
119	Culture-independent analysis of desulfovibrios in the human distal colon of healthy, colorectal cancer and polypectomized individuals. <i>FEMS Microbiology Ecology</i> , 2009, 69, 213-221.	2.7	116
120	The normal intestinal microbiota. <i>Current Opinion in Infectious Diseases</i> , 2007, 20, 508-513.	3.1	114
121	Physicians' perceptions of dysplasia and approaches to surveillance colonoscopy in ulcerative colitis. <i>American Journal of Gastroenterology</i> , 1995, 90, 2106-14.	0.4	113
122	Fas ligand expression in primary colon adenocarcinomas: evidence that the Fas counterattack is a prevalent mechanism of immune evasion in human colon cancer. , 1998, 186, 240-246.		112
123	PCR detection of <i>Mycobacterium paratuberculosis</i> in Crohn's disease granulomas isolated by laser capture microdissection. <i>Gut</i> , 2002, 51, 665-670.	12.1	111
124	A Randomized Controlled Study of Mesalamine After Acute Diverticulitis. <i>Journal of Clinical Gastroenterology</i> , 2013, 47, 621-629.	2.2	110
125	Contrasting effects of <i>Bifidobacterium breve</i> NCIMB 702258 and <i>Bifidobacterium breve</i> DPC 6330 on the composition of murine brain fatty acids and gut microbiota. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1278-1287.	4.7	109
126	Tryptophan catabolism in females with irritable bowel syndrome: relationship to interferon- $\gamma$ , severity of symptoms and psychiatric comorbidity. <i>Neurogastroenterology and Motility</i> , 2008, 20, 1291-1297.	3.0	108



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127	IL-36 $\beta$ expression is elevated in ulcerative colitis and promotes colonic inflammation. <i>Mucosal Immunology</i> , 2016, 9, 1193-1204.	6.0	106
128	Gut microbiota alterations associated with reduced bone mineral density in older adults. <i>Rheumatology</i> , 2019, 58, 2295-2304.	1.9	106
129	Portrait of an immunoregulatory bifidobacterium. <i>Gut Microbes</i> , 2012, 3, 261-266.	9.8	104
130	The altered gut microbiota in adults with cystic fibrosis. <i>BMC Microbiology</i> , 2017, 17, 58.	3.3	104
131	Probiotics in inflammatory bowel disease—therapeutic rationale and role. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 809-818.	13.7	103
132	Acromegaly and Colorectal Cancer: A Comprehensive Review of Epidemiology, Biological Mechanisms, and Clinical Implications. <i>Hormone and Metabolic Research</i> , 2003, 35, 712-725.	1.5	101
133	Micrometastases: marker of metastatic potential or evidence of residual disease?. <i>Gut</i> , 1997, 40, 512-515.	12.1	100
134	Identification of TLR10 as a Key Mediator of the Inflammatory Response to <i>Listeria monocytogenes</i> in Intestinal Epithelial Cells and Macrophages. <i>Journal of Immunology</i> , 2013, 191, 6084-6092.	0.8	99
135	Bacterial bile salt hydrolase in host metabolism: Potential for influencing gastrointestinal microbe-host crosstalk. <i>Gut Microbes</i> , 2014, 5, 669-674.	9.8	99
136	<i>Helicobacter pylori</i> Modulates Lymphoepithelial Cell Interactions Leading to Epithelial Cell Damage through Fas/Fas Ligand Interactions. <i>Infection and Immunity</i> , 2000, 68, 4303-4311.	2.2	97
137	Unconjugated Bile Acids Influence Expression of Circadian Genes: A Potential Mechanism for Microbe-Host Crosstalk. <i>PLoS ONE</i> , 2016, 11, e0167319.	2.5	97
138	Review article: dietary fibre in the era of microbiome science. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 506-515.	3.7	97
139	Mechanisms of Action of Probiotics in Intestinal Diseases. <i>Scientific World Journal</i> , The, 2007, 7, 31-46.	2.1	96
140	IMMUNOLOGY: Therapeutic Manipulation of Gut Flora. <i>Science</i> , 2000, 289, 1311-1312.	12.6	95
141	Probiotics in Perspective. <i>Gastroenterology</i> , 2010, 139, 1808-1812.	1.3	95
142	Neutrophil cytoplasmic antibodies: A link between primary sclerosing cholangitis and ulcerative colitis. <i>Gastroenterology</i> , 1991, 100, 1385-1391.	1.3	95
143	Determinants of Reduced Genetic Capacity for Butyrate Synthesis by the Gut Microbiome in Crohn's Disease and Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 204-216.	1.3	93
144	Probiotics: from myth to reality. Demonstration of functionality in animal models of disease and in human clinical trials. <i>Antonie Van Leeuwenhoek</i> , 1999, 76, 279-92.	1.7	93

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145	The gut microbiota—a clinical perspective on lessons learned. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012, 9, 609-614.	17.8	92
146	Gut microbiota and obesity: Role in aetiology and potential therapeutic target. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2014, 28, 585-597.	2.4	92
147	Pathogenesis of ulcerative colitis. <i>Lancet, The</i> , 1993, 342, 407-411.	13.7	91
148	Viral load and clinicopathological features of chronic hepatitis C (1b) in a homogeneous patient population. <i>Hepatology</i> , 1999, 29, 904-907.	7.3	91
149	Altered Mechanisms of Apoptosis in Colon Cancer: Fas Resistance and Counterattack in the Tumor-Immune Conflict. <i>Annals of the New York Academy of Sciences</i> , 2000, 910, 178-195.	3.8	91
150	Impact of probiotics in women with gestational diabetes mellitus on metabolic health: a randomized controlled trial. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 496.e1-496.e11.	1.3	90
151	The evolving epidemiology of inflammatory bowel disease. <i>Current Opinion in Gastroenterology</i> , 2009, 25, 301-305.	2.3	89
152	Dietary <i>trans</i> -10, <i>cis</i> -12-conjugated linoleic acid alters fatty acid metabolism and microbiota composition in mice. <i>British Journal of Nutrition</i> , 2015, 113, 728-738.	2.3	89
153	Induction and Activation of Adaptive Immune Populations During Acute and Chronic Phases of a Murine Model of Experimental Colitis. <i>Digestive Diseases and Sciences</i> , 2011, 56, 79-89.	2.3	88
154	Cognitive performance in irritable bowel syndrome: evidence of a stress-related impairment in visuospatial memory. <i>Psychological Medicine</i> , 2014, 44, 1553-1566.	4.5	88
155	Neuroendocrine modulation of the immune system. <i>Digestive Diseases and Sciences</i> , 1988, 33, 41S-49S.	2.3	86
156	Differential cytokine response from dendritic cells to commensal and pathogenic bacteria in different lymphoid compartments in humans. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, G839-G845.	3.4	85
157	Seasonality of vitamin D status and bone turnover in patients with Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2005, 21, 1073-1083.	3.7	84
158	Loss of vagal anti-inflammatory effect: in vivo visualization and adoptive transfer. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1118-R1126.	1.8	84
159	Biochemical and metabolomic phenotyping in the identification of a vitamin D responsive metabotype for markers of the metabolic syndrome. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 679-690.	3.3	84
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