

Dysfunction of the intestinal microbiome in inflammatory

Genome Biology

13, R79

DOI: [10.1186/gb-2012-13-9-r79](https://doi.org/10.1186/gb-2012-13-9-r79)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Functional predictions from inference and observation in sequence-based inflammatory bowel disease research. <i>Genome Biology</i> , 2012, 13, 169.	3.8	11
2	Rethinking mechanisms of autoimmune pathogenesis. <i>Journal of Autoimmunity</i> , 2013, 45, 97-103.	3.0	67
3	Colonisation by <i>Faecalibacterium prausnitzii</i> and maintenance of clinical remission in patients with ulcerative colitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2013, 38, 151-161.	1.9	181
4	Predictive functional profiling of microbial communities using 16S rRNA marker gene sequences. <i>Nature Biotechnology</i> , 2013, 31, 814-821.	9.4	8,049
5	Diet, microbes, and host genetics: the perfect storm in inflammatory bowel diseases. <i>Journal of Gastroenterology</i> , 2013, 48, 315-321.	2.3	128
6	Functional profiling of the gut microbiome in disease-associated inflammation. <i>Genome Medicine</i> , 2013, 5, 65.	3.6	61
7	Two-stage microbial community experimental design. <i>ISME Journal</i> , 2013, 7, 2330-2339.	4.4	31
8	Integrative analysis of the microbiome and metabolome of the human intestinal mucosal surface reveals exquisite inter-relationships. <i>Microbiome</i> , 2013, 1, 17.	4.9	256
9	Towards a predictive systems-level model of the human microbiome: progress, challenges, and opportunities. <i>Current Opinion in Biotechnology</i> , 2013, 24, 810-820.	3.3	58
10	Bridging immunity and lipid metabolism by gut microbiota. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 253-262.	1.5	61
11	Intérêt et technique de la transplantation fécale. <i>Journal Des Anti-infectieux</i> , 2013, 15, 187-192.	0.1	0
12	Peripheral education of the immune system by the colonic microbiota. <i>Seminars in Immunology</i> , 2013, 25, 364-369.	2.7	82
13	The Human Microbiome and Probiotics: Implications for Pediatrics. <i>Annals of Nutrition and Metabolism</i> , 2013, 63, 42-52.	1.0	30
14	Fecal Microbiota Transfer May Increase Irritable Bowel Syndrome and Inflammatory Bowel Diseases-Associated Bacteria. <i>Gastroenterology</i> , 2013, 144, e19-e20.	0.6	15
15	Microbiota-mediated colonization resistance against intestinal pathogens. <i>Nature Reviews Immunology</i> , 2013, 13, 790-801.	10.6	1,138
16	The microbiome and cancer. <i>Nature Reviews Cancer</i> , 2013, 13, 800-812.	12.8	1,338
17	A Dried Yeast Fermentate Selectively Modulates both the Luminal and Mucosal Gut Microbiota and Protects against Inflammation, As Studied in an Integrated in Vitro Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9380-9392.	2.4	49
18	Genetically dictated change in host mucus carbohydrate landscape exerts a diet-dependent effect on the gut microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17059-17064.	3.3	237

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19	The Clostridium small RNome that responds to stress: the paradigm and importance of toxic metabolite stress in <i>C. acetobutylicum</i> . <i>BMC Genomics</i> , 2013, 14, 849.	1.2	49
20	HIV Infection is associated with compositional and functional shifts in the rectal mucosal microbiota. <i>Microbiome</i> , 2013, 1, 26.	4.9	184
21	Mechanisms of Tissue Remodeling in Inflammatory Bowel Disease. <i>Digestive Diseases</i> , 2013, 31, 186-193.	0.8	46
22	A Prospective Study of Long-term Intake of Dietary Fiber and Risk of Crohn's Disease and Ulcerative Colitis. <i>Gastroenterology</i> , 2013, 145, 970-977.	0.6	494
23	Differential abundance analysis for microbial marker-gene surveys. <i>Nature Methods</i> , 2013, 10, 1200-1202.	9.0	1,921
24	Does Consuming the Recommend Daily Level of Fiber Prevent Crohn's Disease?. <i>Gastroenterology</i> , 2013, 145, 925-927.	0.6	7
25	Nutrigenetics, nutrigenomics and inflammatory bowel diseases. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 717-726.	1.3	22
26	Role of diet and gut microbiota in management of inflammatory bowel disease in an Asian migrant. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 250-250.e5.	1.5	7
27	Host-microbiota interaction and intestinal stem cells in chronic inflammation and colorectal cancer. <i>Expert Review of Clinical Immunology</i> , 2013, 9, 409-422.	1.3	19
28	Computational meta-omics for microbial community studies. <i>Molecular Systems Biology</i> , 2013, 9, 666.	3.2	253
29	Intestinal microbiota: A source of novel biomarkers in inflammatory bowel diseases?. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2013, 27, 47-58.	1.0	127
30	The Role of the Environment in the Development of Pediatric Inflammatory Bowel Disease. <i>Current Gastroenterology Reports</i> , 2013, 15, 326.	1.1	64
31	Lactobacillus reuteri-Specific Immunoregulatory Gene <i>rsiR</i> Modulates Histamine Production and Immunomodulation by Lactobacillus reuteri. <i>Journal of Bacteriology</i> , 2013, 195, 5567-5576.	1.0	53
32	Diet, Microbiome, and the Intestinal Epithelium: An Essential Triumvirate?. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	43
33	Pfit Is a Structurally Novel Crohn's Disease-Associated Superantigen. <i>PLoS Pathogens</i> , 2013, 9, e1003837.	2.1	4
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35	Fecal transplantation. <i>Current Opinion in Pediatrics</i> , 2013, 25, 618-623.	1.0	3
36	Ecological Modeling from Time-Series Inference: Insight into Dynamics and Stability of Intestinal Microbiota. <i>PLoS Computational Biology</i> , 2013, 9, e1003388.	1.5	487

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38	Exploring host-microbiota interactions in animal models and humans. <i>Genes and Development</i> , 2013, 27, 701-718.	2.7	413
39	The complex interplay between inflammation, the microbiota and colorectal cancer. <i>Gut Microbes</i> , 2013, 4, 253-258.	4.3	75
40	Role of the gut microbiota in health and chronic gastrointestinal disease: understanding a hidden metabolic organ. <i>Therapeutic Advances in Gastroenterology</i> , 2013, 6, 295-308.	1.4	642
41	Inflammatory bowel disease in Icelandic children 1951-2010. Population-based study involving one nation over six decades. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 1399-1404.	0.6	21
42	Advances in inflammatory bowel disease pathogenesis: linking host genetics and the microbiome. <i>Gut</i> , 2013, 62, 1505-1510.	6.1	387
43	Alteration of Intestinal Dysbiosis by Fecal Microbiota Transplantation Does not Induce Remission in Patients with Chronic Active Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 2155-2165.	0.9	216
44	Safety, Tolerability, and Clinical Response After Fecal Transplantation in Children and Young Adults With Ulcerative Colitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013, 56, 597-601.	0.9	279
45	Impact of Ethnicity, Geography, and Disease on the Microbiota in Health and Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 2906-2918.	0.9	79
46	Bacterial Community Development in Experimental Gingivitis. <i>PLoS ONE</i> , 2013, 8, e71227.	1.1	174
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48	Fecal Microbial Composition of Ulcerative Colitis and Crohn's Disease Patients in Remission and Subsequent Exacerbation. <i>PLoS ONE</i> , 2014, 9, e90981.	1.1	100
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51	Structural and functional changes in the gut microbiota associated to <i>Clostridium difficile</i> infection. <i>Frontiers in Microbiology</i> , 2014, 5, 335.	1.5	92
52	Microbiome Associations of Therapeutic Enteral Nutrition. <i>Nutrients</i> , 2014, 6, 5298-5311.	1.7	11
53	Perturbation of the Human Microbiome as a Contributor to Inflammatory Bowel Disease. <i>Pathogens</i> , 2014, 3, 510-527.	1.2	32
54	Current Status and Prospects of Intestinal Microbiome Studies. <i>Intestinal Research</i> , 2014, 12, 178.	1.0	16
55	IBD: Microbiota Manipulation through Diet and Modified Bacteria. <i>Digestive Diseases</i> , 2014, 32, 18-25.	0.8	19

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56	Meta-analyses of human gut microbes associated with obesity and IBD. <i>FEBS Letters</i> , 2014, 588, 4223-4233.	1.3	697
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59	Use of animal models in elucidating disease pathogenesis in IBD. <i>Seminars in Immunopathology</i> , 2014, 36, 541-551.	2.8	23
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63	Multi-omics analysis of inflammatory bowel disease. <i>Immunology Letters</i> , 2014, 162, 62-68.	1.1	42
64	Intestinal Dysbiosis Associated with Systemic Lupus Erythematosus. <i>MBio</i> , 2014, 5, e01548-14.	1.8	500
65	The Intestinal Microbiome in Early Life: Health and Disease. <i>Frontiers in Immunology</i> , 2014, 5, 427.	2.2	685
66	Applications of Next-Generation Sequencing Technologies to the Study of the Human Microbiome. <i>Comprehensive Analytical Chemistry</i> , 2014, , 75-106.	0.7	0
67	BiomeNet: A Bayesian Model for Inference of Metabolic Divergence among Microbial Communities. <i>PLoS Computational Biology</i> , 2014, 10, e1003918.	1.5	30
68	Helminth Colonization Is Associated with Increased Diversity of the Gut Microbiota. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2880.	1.3	353
69	Association of Levels of Antibodies from Patients with Inflammatory Bowel Disease with Extracellular Proteins of Food and Probiotic Bacteria. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	22
70	Genome-Wide Association Study of Metabolic Traits Reveals Novel Gene-Metabolite-Disease Links. <i>PLoS Genetics</i> , 2014, 10, e1004132.	1.5	86
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73	A Physicians' Wish List for the Clinical Application of Intestinal Metagenomics. <i>PLoS Medicine</i> , 2014, 11, e1001627.	3.9	9

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75	Rural and urban microbiota. <i>Gut Microbes</i> , 2014, 5, 351-356.	4.3	34
76	Deodorization of pig slurry and characterization of bacterial diversity using 16S rDNA sequence analysis. <i>Journal of Microbiology</i> , 2014, 52, 918-929.	1.3	8
77	Metabolic Fingerprint of Dimethyl Sulfone (DMSO) in Microbial Mammalian Co-metabolism. <i>Journal of Proteome Research</i> , 2014, 13, 5281-5292.	1.8	64
78	An introduction to the analysis of shotgun metagenomic data. <i>Frontiers in Plant Science</i> , 2014, 5, 209.	1.7	446
79	Comparison of assembly algorithms for improving rate of metatranscriptomic functional annotation. <i>Microbiome</i> , 2014, 2, 39.	4.9	67
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81	The gut microbiome dysbiosis and its potential role in psoriatic arthritis. <i>International Journal of Clinical Rheumatology</i> , 2014, 9, 559-565.	0.3	4
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85	Irritable bowel syndrome, inflammatory bowel disease and the microbiome. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2014, 21, 15-21.	1.2	73
86	Systems biology in inflammatory bowel diseases. <i>Current Opinion in Gastroenterology</i> , 2014, 30, 339-346.	1.0	33
87	Dysbiotic Events in Gut Microbiota: Impact on Human Health. <i>Nutrients</i> , 2014, 6, 5786-5805.	1.7	169
88	Exploring the influence of the gut microbiota and probiotics on health: a symposium report. <i>British Journal of Nutrition</i> , 2014, 112, S1-S18.	1.2	81
89	Metabolic Alterations to the Mucosal Microbiota in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 723-731.	0.9	75
90	Gut Microbiota and Inflammatory Bowel Disease: The Role of Antibiotics in Disease Management. <i>Postgraduate Medicine</i> , 2014, 126, 7-19.	0.9	203
91	Characterization of bacterial community shift in human Ulcerative Colitis patients revealed by Illumina based 16S rRNA gene amplicon sequencing. <i>Gut Pathogens</i> , 2014, 6, 22.	1.6	84

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103	From promotion to management: The wide impact of bacteria on cancer and its treatment. BioEssays, 2014, 36, 658-664.	1.2	10
104	The Treatment-Naive Microbiome in New-Onset Crohn's Disease. Cell Host and Microbe, 2014, 15, 382-392.	5.1	2,582
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111	Gut microbiome composition and function in experimental colitis during active disease and treatment-induced remission. <i>ISME Journal</i> , 2014, 8, 1403-1417.	4.4	352
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113	Correlation Between Intraluminal Oxygen Gradient and Radial Partitioning of Intestinal Microbiota. <i>Gastroenterology</i> , 2014, 147, 1055-1063.e8.	0.6	658
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122	Gut microbiota, the pharmabiotics they produce and host health. <i>Proceedings of the Nutrition Society</i> , 2014, 73, 477-489.	0.4	126
123	Host-microbe interactions shaping the gastrointestinal environment. <i>Trends in Immunology</i> , 2014, 35, 538-548.	2.9	138
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125	Species and genus level resolution analysis of gut microbiota in <i>Clostridium difficile</i> patients following fecal microbiota transplantation. <i>Microbiome</i> , 2014, 2, 13.	4.9	98
126	The intestinal microbiome of fish under starvation. <i>BMC Genomics</i> , 2014, 15, 266.	1.2	242
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128	The Microbiota, the Immune System and the Allograft. <i>American Journal of Transplantation</i> , 2014, 14, 1236-1248.	2.6	53

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137	Arthritis susceptibility and the gut microbiome. <i>FEBS Letters</i> , 2014, 588, 4244-4249.	1.3	103
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143	Intestinal microbiota pathogenesis and fecal microbiota transplantation for inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 14805.	1.4	97
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146	The effects of intestinal tract bacterial diversity on mortality following allogeneic hematopoietic stem cell transplantation. <i>Blood</i> , 2014, 124, 1174-1182.	0.6	711
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150	Impact of a wastewater treatment plant on microbial community composition and function in a hyporheic zone of a eutrophic river. <i>Scientific Reports</i> , 2015, 5, 17284.	1.6	70
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157	Metagenomic Analysis of Microbiome in Colon Tissue from Subjects with Inflammatory Bowel Diseases Reveals Interplay of Viruses and Bacteria. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	0.9	100
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161	SIV infection-driven changes of pattern recognition receptor expression in mesenteric lymph nodes and gut microbiota dysbiosis. <i>Journal of Medical Primatology</i> , 2015, 44, 241-252.	0.3	10
162	Fecal Microbial Transplant After Ileocolic Resection Reduces Ileitis but Restores Colitis in IL-10-deficient Mice. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1479-1490.	0.9	13
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#	ARTICLE	IF	CITATIONS
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1074	Differential Responses to Dietary Protein and Carbohydrate Ratio on Gut Microbiome in Obese vs. Lean Cats. <i>Frontiers in Microbiology</i> , 2020, 11, 591462.	1.5	7
1075	Gut Microbiological Disorders Reduce Semen Utilization Rate in Duroc Boars. <i>Frontiers in Microbiology</i> , 2020, 11, 581926.	1.5	13
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1112	The ameliorative effect of <i>Lactobacillus plantarum</i> -12 on DSS-induced murine colitis. <i>Food and Function</i> , 2020, 11, 5205-5222.	2.1	50
1113	Gut microbiota in early pregnancy among women with Hyperglycaemia vs. Normal blood glucose. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 284.	0.9	19
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1117	Predicted Metabolic Pathway Distributions in Stool Bacteria in Very-Low-Birth-Weight Infants: Potential Relationships with NICU Faltered Growth. <i>Nutrients</i> , 2020, 12, 1345.	1.7	5
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1121	Major Lipids, Apolipoproteins, and Alterations of Gut Microbiota. <i>Journal of Clinical Medicine</i> , 2020, 9, 1589.	1.0	21
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#	ARTICLE	IF	CITATIONS
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1192	Establishment and Application of Peristaltic Human Gut-Vessel Microsystem for Studying Host-Microbial Interaction. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 272.	2.0	37
1193	IL-33, diet-induced obesity, and pulmonary responses to ozone. <i>Respiratory Research</i> , 2020, 21, 98.	1.4	9
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1197	Study of the alleviation effects of a combination of <i>Lactobacillus rhamnosus</i> and inulin on mice with colitis. <i>Food and Function</i> , 2020, 11, 3823-3837.	2.1	69
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1209	The microbiome in inflammatory bowel diseases: from pathogenesis to therapy. <i>Protein and Cell</i> , 2021, 12, 331-345.	4.8	133
1210	Influence of proton pump inhibitor or rebamipide use on gut microbiota of rheumatoid arthritis patients. <i>Rheumatology</i> , 2021, 60, 708-716.	0.9	10
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1225	Aging, Frailty, and the Microbiome—How Dysbiosis Influences Human Aging and Disease. <i>Gastroenterology</i> , 2021, 160, 507-523.	0.6	67
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1227	Optimizing the quality of clinical studies on oral microbiome: A practical guide for planning, performing, and reporting. <i>Periodontology 2000</i> , 2021, 85, 210-236.	6.3	51
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1239	Gut Ruminococcaceae Levels Correlate with Risk of Antibiotic-Associated Diarrhea. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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1248	Critical roles of bile acids in regulating intestinal mucosal immune responses. <i>Therapeutic Advances in Gastroenterology</i> , 2021, 14, 175628482110180.	1.4	38
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1252	Ulcerative Colitis in Children and Adolescents. , 2021, , 474-492.e8.		1
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1262	Microbiota in utero? When and Where Microbial Establishment Starts?. , 2021, , 13-13.		0
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1264	Ectopic gut colonization: a metagenomic study of the oral and gut microbiome in Crohn's disease. <i>Gut Pathogens</i> , 2021, 13, 13.	1.6	26
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1280	APOE- ϵ 4 Carrier Status and Gut Microbiota Dysbiosis in Patients With Alzheimer Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 619051.	1.4	30
1281	Ginger Alleviates DSS-Induced Ulcerative Colitis Severity by Improving the Diversity and Function of Gut Microbiota. <i>Frontiers in Pharmacology</i> , 2021, 12, 632569.	1.6	32
1282	Gut microbiota changes in inflammatory bowel diseases and ankylosing spondylitis. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2021, 30, 46-54.	0.5	9
1283	Inflammatory Bowel Disease: A Personalized Approach. <i>Frontiers in Pediatrics</i> , 2020, 8, 620545.	0.9	0
1284	Alterations in Gut Microbial Communities Across Anatomical Locations in Inflammatory Bowel Diseases. <i>Frontiers in Nutrition</i> , 2021, 8, 615064.	1.6	14
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1286	Australia IBD Microbiome (AIM) Study: protocol for a multicentre longitudinal prospective cohort study. <i>BMJ Open</i> , 2021, 11, e042493.	0.8	6
1287	Associations Among Plant-Based Diet Quality, Uremic Toxins, and Gut Microbiota Profile in Adults Undergoing Hemodialysis Therapy. , 2021, 31, 177-188.		18
1288	Inhibitory Effects of Breast Milk-Derived <i>Lactobacillus rhamnosus</i> Probio-M9 on Colitis-Associated Carcinogenesis by Restoration of the Gut Microbiota in a Mouse Model. <i>Nutrients</i> , 2021, 13, 1143.	1.7	39
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1291	The Role of Enterobacteriaceae in Gut Microbiota Dysbiosis in Inflammatory Bowel Diseases. <i>Microorganisms</i> , 2021, 9, 697.	1.6	116

#	ARTICLE	IF	CITATIONS
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1293	Factors Associated With the Microbiome in Moderate- to Late Preterm Babies: A Cohort Study From the DIAMOND Randomized Controlled Trial. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 595323.	1.8	10
1294	The Role of Intestinal Dysbacteriosis Induced Arachidonic Acid Metabolism Disorder in Inflammaging in Atherosclerosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 618265.	1.8	37
1295	Distance-Based Analysis with Quantile Regression Models. <i>Statistics in Biosciences</i> , 2021, 13, 291-312.	0.6	0
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1297	Mediterranean diet consumption affects the endocannabinoid system in overweight and obese subjects: possible links with gut microbiome, insulin resistance and inflammation. <i>European Journal of Nutrition</i> , 2021, 60, 3703-3716.	1.8	33
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1309	The Interplay between Immune System and Microbiota in Inflammatory Bowel Disease: A Narrative Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3076.	1.8	35
1310	Gut microbiota composition associated with hepatic fibrosis in non-obese patients with non-alcoholic fatty liver disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 2275-2284.	1.4	26

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1321	Gut Dysbiosis and Its Associations with Gut Microbiota-Derived Metabolites in Dogs with Myxomatous Mitral Valve Disease. <i>MSystems</i> , 2021, 6, .	1.7	25
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1327	<sc>RNase1</sc> can modulate gut microbiota and metabolome after <sc><i>Aeromonas hydrophila</i></sc> infection in blunt snout bream. <i>Environmental Microbiology</i> , 2021, 23, 5258-5272.	1.8	13
1328	The impact of <i>Opisthorchis felinus</i> infection and praziquantel treatment on the intestinal microbiota in children. <i>Acta Tropica</i> , 2021, 217, 105835.	0.9	5
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1332	Identification of microbial markers across populations in early detection of colorectal cancer. <i>Nature Communications</i> , 2021, 12, 3063.	5.8	109
1333	Association Between Mode of Delivery of the Breech Fetus and Hospitalizations Due to Inflammatory Bowel Disease During Childhood. <i>Journal of Clinical Gastroenterology</i> , 2022, 56, e161-e165.	1.1	2
1334	The Use of Fecal Microbiome Transplant in Treating Human Diseases: Too Early for Poop?. <i>Frontiers in Microbiology</i> , 2021, 12, 519836.	1.5	34
1335	Constituents, Pharmacokinetics, and Pharmacology of Gegen-Qinlian Decoction. <i>Frontiers in Pharmacology</i> , 2021, 12, 668418.	1.6	29
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1337	Deletion of mucin 2 induces colitis with concomitant metabolic abnormalities in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G791-G803.	1.6	15
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1340	<i>Bacillus Subtilis</i> 29784 as a Feed Additive for Broilers Shifts the Intestinal Microbial Composition and Supports the Production of Hypoxanthine and Nicotinic Acid. <i>Animals</i> , 2021, 11, 1335.	1.0	11
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1343	Gut Microbiome Changes with Acute Diarrheal Disease in Urban Versus Rural Settings in Northern Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 2275-2285.	0.6	7
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1352	Fecal microbiota profile in patients with inflammatory bowel disease in Taiwan. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 580-587.	0.6	6
1353	Highlighting the Relevance of Gut Microbiota Manipulation in Inflammatory Bowel Disease. <i>Diagnostics</i> , 2021, 11, 1090.	1.3	43
1354	Benchmarking microbiome transformations favors experimental quantitative approaches to address compositionality and sampling depth biases. <i>Nature Communications</i> , 2021, 12, 3562.	5.8	30
1355	Endocrine disruption in Crohn's disease: Bisphenol A enhances systemic inflammatory response in patients with gut barrier translocation of dysbiotic microbiota products. <i>FASEB Journal</i> , 2021, 35, e21697.	0.2	17
1356	Amino Acid Trp: The Far Out Impacts of Host and Commensal Tryptophan Metabolism. <i>Frontiers in Immunology</i> , 2021, 12, 653208.	2.2	45
1357	Environmental concentrations of antibiotics alter the zebrafish gut microbiome structure and potential functions. <i>Environmental Pollution</i> , 2021, 278, 116760.	3.7	49
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1359	Immune checkpoint blockade reprograms systemic immune landscape and tumor microenvironment in obesity-associated breast cancer. <i>Cell Reports</i> , 2021, 35, 109285.	2.9	38
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1369	Microbiome signatures of progression toward celiac disease onset in at-risk children in a longitudinal prospective cohort study. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	70
1370	Extracellular vesicles-mediated interaction within intestinal microenvironment in inflammatory bowel disease. Journal of Advanced Research, 2022, 37, 221-233.	4.4	45
1372	The role of fecal sulfur metabolome in inflammatory bowel diseases. International Journal of Medical Microbiology, 2021, 311, 151513.	1.5	40
1373	Management of Clostridioides difficile infection in patients with inflammatory bowel disease. Intestinal Research, 2021, 19, 265-274.	1.0	23
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1379	Insight Into the Potential Value of Gut Microbial Signatures for Prediction of Gestational Anemia. Frontiers in Cellular and Infection Microbiology, 2021, 11, 734561.	1.8	5
1380	Gut microbiome is associated with multiple sclerosis activity in children. Annals of Clinical and Translational Neurology, 2021, 8, 1867-1883.	1.7	21
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1383	Phase angle through electrical bioimpedance as a predictor of cellularity in inflammatory bowel disease. Artificial Intelligence in Gastroenterology, 2021, 2, 111-123.	0.2	1
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1389	Fecal microbiota transplantation for recurrent <i>Clostridioides difficile</i> infection in patients with concurrent ulcerative colitis. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2021, , .	0.4	1
1390	Genetic divergence and functional convergence of gut bacteria between the Eastern honey bee <i>Apis cerana</i> and the Western honey bee <i>Apis mellifera</i> . <i>Journal of Advanced Research</i> , 2022, 37, 19-31.	4.4	10
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1392	<i>Eubacterium rectale</i> Attenuates HSV-1 Induced Systemic Inflammation in Mice by Inhibiting CD83. <i>Frontiers in Immunology</i> , 2021, 12, 712312.	2.2	24
1393	A transepithelial pathway delivers succinate to macrophages, thus perpetuating their pro-inflammatory metabolic state. <i>Cell Reports</i> , 2021, 36, 109521.	2.9	36
1394	The gastric microbiota in patients with Crohn's disease; a preliminary study. <i>Scientific Reports</i> , 2021, 11, 17866.	1.6	4
1395	A statistical model for describing and simulating microbial community profiles. <i>PLoS Computational Biology</i> , 2021, 17, e1008913.	1.5	21
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1398	Over 50,000 Metagenomically Assembled Draft Genomes for the Human Oral Microbiome Reveal New Taxa. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 246-259.	3.0	38
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1400	Moderate-Intensity Physical Exercise Affects the Exercise Performance and Gut Microbiota of Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 712381.	1.8	21
1401	Metabolomics activity screening of T cell-induced colitis reveals anti-inflammatory metabolites. <i>Science Signaling</i> , 2021, 14, eabf6584.	1.6	19
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1405	Gut Microbiota and Dietary Factors as Modulators of the Mucus Layer in Inflammatory Bowel Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10224.	1.8	13
1406	Gastrointestinal Toxicity of Pelvic Radiotherapy: Are We Letting Women Down?. <i>Clinical Oncology</i> , 2021, 33, 591-601.	0.6	10
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1410	Dairy consumption and physical fitness tests associated with fecal microbiome in a Chinese cohort. <i>Medicine in Microecology</i> , 2021, 9, 100038.	0.7	6
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1412	Exploring how microbiome signatures change across inflammatory bowel disease conditions and disease locations. <i>Scientific Reports</i> , 2021, 11, 18699.	1.6	9
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1414	Disease trends in a young Chinese cohort according to fecal metagenome and plasma metabolites. <i>Medicine in Microecology</i> , 2021, , 100037.	0.7	2
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1417	EPA and DHA confer protection against deoxynivalenol-induced endoplasmic reticulum stress and iron imbalance in IPEC-1 cells. <i>British Journal of Nutrition</i> , 2022, 128, 161-171.	1.2	12
1418	Intestinal microbiota changes induced by TNF-inhibitors in IBD-related spondyloarthritis. <i>RMD Open</i> , 2021, 7, e001755.	1.8	12
1420	Extracellular vesicles derived from gut microbiota in inflammatory bowel disease and colorectal cancer. <i>Biomedical Papers of the Medical Faculty of the University Palacky&#x0301;, Olomouc, Czechoslovakia</i> , 2021, 165, 233-240.	0.2	4
1421	Egg white peptides ameliorate dextran sulfate sodium-induced acute colitis symptoms by inhibiting the production of pro-inflammatory cytokines and modulation of gut microbiota composition. <i>Food Chemistry</i> , 2021, 360, 129981.	4.2	70
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1426	The Role of Microbiota in Gut Inflammation and Sepsis. , 2022, , 370-370.		0
1427	Fecal Microbiome Transplantation: An Offhand Recipe for Microbiome Therapeutics. , 2022, , 246-256.		1
1428	Integrated gut virome and bacteriome dynamics in COVID-19 patients. <i>Gut Microbes</i> , 2021, 13, 1-21.	4.3	81
1429	Fecal microbiome and metabolome differ in healthy and food-allergic twins. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	69
1430	The Oral Microbiome in Pediatric IBD: A Source of Pathobionts or Biomarkers?. <i>Frontiers in Pediatrics</i> , 2020, 8, 620254.	0.9	16
1431	Metabolic Phenotypes as Potential Biomarkers for Linking Gut Microbiome With Inflammatory Bowel Diseases. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 603740.	1.6	8
1432	Therapeutic Potential of <i>Escherichia coli</i> Nissle 1917 in Clinically Remission-attained Ulcerative Colitis Patients: A Hospital-based Cohort Study. <i>Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi, The</i> , 2021, 77, 12-21.	0.2	8
1433	The Impacts of Probiotics on Microbiota in Patients With Autism Spectrum Disorder. , 2022, , 296-319.		2
1434	Probiotic lactobacilli as a promising strategy to ameliorate disorders associated with intestinal inflammation induced by a non-steroidal anti-inflammatory drug. <i>Scientific Reports</i> , 2021, 11, 571.	1.6	30
1435	Immunoglobulin A Targets a Unique Subset of the Microbiota in Inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2021, 29, 83-93.e3.	5.1	53
1437	Fecal transplantation for treatment of inflammatory bowel disease. <i>The Cochrane Library</i> , 2018, 2018, CD012774.	1.5	119
1438	Shifting the paradigm from inhibitors of inflammation to resolvers of inflammation in periodontitis. <i>Journal of Periodontology</i> , 2020, 91, S19-S25.	1.7	37
1439	Next-Generation Sequencing and Its Application: Empowering in Public Health Beyond Reality. <i>Microorganisms for Sustainability</i> , 2019, , 313-341.	0.4	28
1440	Gut Microbiota and Alimentary Tract Injury. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1238, 11-22.	0.8	6
1441	The effects of cigarettes and alcohol on intestinal microbiota in healthy men. <i>Journal of Microbiology</i> , 2020, 58, 926-937.	1.3	26
1442	Delivery Mode Affects Stability of Early Infant Gut Microbiota. <i>Cell Reports Medicine</i> , 2020, 1, 100156.	3.3	97

#	ARTICLE	IF	CITATIONS
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1952	Intestinal microbial diversity in female rhesus (<i>Macaca mulatta</i>) at different physiological periods. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0
1953	Novel lineages of single-stranded DNA phages that coevolved with the symbiotic bacteria <i>Rhizobium</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
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1955	The ileal fungal microbiota is altered in Crohn's disease and is associated with the disease course. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	7
1956	Extracellular vesicle miRNAs promote the intestinal microenvironment by interacting with microbes in colitis. <i>Gut Microbes</i> , 2022, 14, .	4.3	14
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1959	Selective serotonin reuptake inhibitors and inflammatory bowel disease; Beneficial or malpractice. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
1960	The oral-gut axis: Salivary and fecal microbiome dysbiosis in patients with inflammatory bowel disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	24
1961	Microbiome epidemiology and association studies in human health. <i>Nature Reviews Genetics</i> , 2023, 24, 109-124.	7.7	17
1962	Overrepresentation of Enterobacteriaceae and <i>Escherichia coli</i> is the major gut microbiome signature in Crohn's disease and ulcerative colitis; a comprehensive metagenomic analysis of IBDMDB datasets. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	18
1963	Population structure discovery in meta-analyzed microbial communities and inflammatory bowel disease using MMUPHin. <i>Genome Biology</i> , 2022, 23, .	3.8	33
1964	Improvement of Fish Growth and Metabolism by Oligosaccharide Prebiotic Supplement. <i>Aquaculture Nutrition</i> , 2022, 2022, 1-13.	1.1	5
1965	Technology-driven surrogates and the perils of epistemic misalignment: an analysis in contemporary microbiome science. <i>Synthese</i> , 2022, 200, .	0.6	2
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1971	Immune Checkpoint Inhibitor Enterocolitis vs Idiopathic Inflammatory Bowel Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2023, 21, 878-890.	2.4	3
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1983	Insight into role of short chain fatty acids in regulating intestinal mucosal barrier and alleviating inflammatory bowel disease. <i>World Chinese Journal of Digestology</i> , 2022, 30, 928-940.	0.0	0
1984	ImmUniverse Consortium: Multi-omics integrative approach in personalized medicine for immune-mediated inflammatory diseases. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
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1986	Gut Microbiota Associated with Gestational Health Conditions in a Sample of Mexican Women. <i>Nutrients</i> , 2022, 14, 4818.	1.7	2
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1989	Polyphenol-Rich Liupao Tea Extract Prevents High-Fat Diet-Induced MAFLD by Modulating the Gut Microbiota. <i>Nutrients</i> , 2022, 14, 4930.	1.7	3
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1992	The Role of AIM2 Inflammasome in Knee Osteoarthritis. <i>Journal of Inflammation Research</i> , 0, Volume 15, 6453-6461.	1.6	4
1994	Dark-purple rice extract modulates gut microbiota composition in acetic acid and indomethacin-induced inflammatory bowel disease in rats. <i>International Microbiology</i> , 2023, 26, 423-434.	1.1	3
1995	The role of the gut microbiome in the intergenerational transmission of the obesity phenotype: A narrative review. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
1996	Pyruvate: Ferredoxin oxidoreductase is involved in IgA-related microbiota dysbiosis and intestinal inflammation. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
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1999	The gut microbiome in human health and disease—Where are we and where are we going? A bibliometric analysis. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	8
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2002	Oenanthe javanica Ethanolic Extract Alleviates Inflammation and Modifies Gut Microbiota in Mice with DSS-Induced Colitis. <i>Antioxidants</i> , 2022, 11, 2429.	2.2	3
2004	Mucosal microbiome is predictive of pediatric Crohn's disease across geographic regions in North America. <i>F1000Research</i> , 0, 11, 156.	0.8	0
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2006	The Microbiome in Neurogastroenterology. , 2022, , 73-93.		0
2007	The effect of gut microbiota dysbiosis on patients with preeclampsia. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	4

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2012	Intestinal mucosal and fecal microbiota profiles in Crohn's disease in Chinese children. <i>Medicine in Microecology</i> , 2023, 15, 100071.	0.7	1
2013	Gut microbiota diversity in human strongyloidiasis differs little in two different regions in endemic areas of Thailand. <i>PLoS ONE</i> , 2022, 17, e0279766.	1.1	1
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2018	DSS-induced colitis activates the kynurenine pathway in serum and brain by affectingIDO-1 and gut microbiota. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
2019	In vitro gut microbiome response to carbohydrate supplementation is acutely affected by a sudden change in diet. <i>BMC Microbiology</i> , 2023, 23, .	1.3	1
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2021	Human gut virome and COVID-19: Modulating the extent of infection. , 2023, , 279-285.		1
2022	Altered gut microbiota in patients with idiopathic Parkinson's disease: an age- sex matched case-control study. <i>Acta Neurologica Belgica</i> , 2023, 123, 999-1009.	0.5	1
2023	GDRBase: A Knowledge Base for Relations between Human Gut Microbes and Diseases Based on Deep Learning. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 1614.	1.3	0
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2025	Gut microbiota and marine phenolics. , 2023, , 343-370.		0
2026	Inhibitory effects of <i>Clostridium butyricum</i> culture and supernatant on inflammatory colorectal cancer in mice. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
2027	DSS-induced acute colitis causes dysregulated tryptophan metabolism in brain: an involvement of gut microbiota. <i>Journal of Nutritional Biochemistry</i> , 2023, 115, 109282.	1.9	5

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2034	Microbial Dynamics in Newly Diagnosed and Treatment Na ⁺ -ve IBD Patients in the Mediterranean. <i>Inflammatory Bowel Diseases</i> , 2023, 29, 1118-1132.	0.9	2
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2037	An Archetypical Model for Engrafting <i>Bacteroides fragilis</i> into Conventional Mice Following Reproducible Antibiotic Conditioning of the Gut Microbiota. <i>Microorganisms</i> , 2023, 11, 451.	1.6	1
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2043	The diagnostic and prognostic potential of gut bacteria in inflammatory bowel disease. <i>Gut Microbes</i> , 2023, 15, .	4.3	12
2045	The Gut's "Organ-Axis Concept: Advances the Application of Gut-on-Chip Technology. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4089.	1.8	19
2046	Protective Effect of <i>Lactiplantibacillus plantarum</i> subsp. <i>plantarum</i> SC-5 on Dextran Sulfate Sodium-Induced Colitis in Mice. <i>Foods</i> , 2023, 12, 897.	1.9	3
2047	Current evidence and clinical relevance of drug-microbiota interactions in inflammatory bowel disease. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	6
2048	Interpersonal variability of the human gut virome confounds disease signal detection in IBD. <i>Communications Biology</i> , 2023, 6, .	2.0	5
2049	A novel non-invasive colorectal cancer diagnostic method: Volatile organic compounds as biomarkers. <i>Clinica Chimica Acta</i> , 2023, 542, 117273.	0.5	3
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2053	Does fluoride exposure impact on the human microbiome?. <i>Toxicology Letters</i> , 2023, 379, 11-19.	0.4	3
2056	Shotgun Metagenomics of Gastric Biopsies Reveals Compositional and Functional Microbiome Shifts in High- and Low-Gastric-Cancer-Risk Populations from Colombia, South America. <i>Gut Microbes</i> , 2023, 15, .	4.3	6
2057	Effects of Pine Pollen Polysaccharides and Sulfated Polysaccharides on Ulcerative Colitis and Gut Flora in Mice. <i>Polymers</i> , 2023, 15, 1414.	2.0	3
2058	Prevention of malignant digestive system tumors should focus on the control of chronic inflammation. <i>World Journal of Gastrointestinal Oncology</i> , 0, 15, 389-404.	0.8	1
2059	Effects of supplementation of <i>Bacillus amyloliquefaciens</i> on performance, systemic immunity, and intestinal microbiota of weaned pigs experimentally infected with a pathogenic enterotoxigenic <i>E. coli</i> F18. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	2
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2062	Bioinformatic and Statistical Analysis of Microbiome Data. <i>Methods in Molecular Biology</i> , 2023, , 183-229.	0.4	2
2063	ILC3s restrict the dissemination of intestinal bacteria to safeguard liver regeneration after surgery. <i>Cell Reports</i> , 2023, 42, 112269.	2.9	2
2064	<i>Lactobacillus paracasei</i> CNCM I-5220-derived postbiotic protects from the leaky-gut. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	5
2065	Succinate metabolism and its regulation of host-microbe interactions. <i>Gut Microbes</i> , 2023, 15, .	4.3	16
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2067	Artificial-enzymes-armed <i>Bifidobacterium longum</i> probiotics for alleviating intestinal inflammation and microbiota dysbiosis. <i>Nature Nanotechnology</i> , 2023, 18, 617-627.	15.6	55
2068	<i>Clostridium butyricum</i> and Chitooligosaccharides in Synbiotic Combination Ameliorate Symptoms in a DSS-Induced Ulcerative Colitis Mouse Model by Modulating Gut Microbiota and Enhancing Intestinal Barrier Function. <i>Microbiology Spectrum</i> , 2023, 11, .	1.2	2
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2071	Is Autologous Fecal Microbiota Transfer after Exclusive Enteral Nutrition in Pediatric Crohn's Disease Patients Rational and Feasible? Data from a Feasibility Test. <i>Nutrients</i> , 2023, 15, 1742.	1.7	1

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2074	Smilax china L. Polysaccharide Alleviates Dextran Sulphate Sodium-Induced Colitis and Modulates the Gut Microbiota in Mice. Foods, 2023, 12, 1632.	1.9	5
2075	Dietary and Sexual Correlates of Gut Microbiota in the Japanese Gecko, Gekko japonicus (Schlegel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	0
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2109	Smart Cities as Hubs: a use case from Biotechnology. , 2023, , .		0
2113	Gut Microbiome and Crohnâ€™s Disease: An Enigmatic Crosstalk. , 0, , .		0
2129	Wavelet-Based Microbiome Correlations of Host Traits. , 2022, , .		1
2164	Pelvic Radiation Disease and the Gastrointestinal Tract. , 2023, , 269-287.		0
2207	Neutrophils: from IBD to the gut microbiota. Nature Reviews Gastroenterology and Hepatology, 2024, 21, 184-197.	8.2	0
2211	Intestinal Mucosal Immunity Caused Autoimmune Diseases. , 0, , .		0