

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56 papers	11,612 citations	33 h-index	72 g-index
72 ext. papers	14,682 ext. citations	10 avg, IF	6.3 L-index

#	Paper	IF	Citations
56	Linking long-term dietary patterns with gut microbial enterotypes. <i>Science</i> , <b>2011</b> , 334, 105-8	33.3	3898
55	High-fat diet determines the composition of the murine gut microbiome independently of obesity. <i>Gastroenterology</i> , <b>2009</b> , 137, 1716-24.e1-2	13.3	1044
54	KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene. <i>Nature Genetics</i> , <b>1997</b> , 17, 141-3	36.3	927
53	Gut microbiota and IBD: causation or correlation?. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2017</b> , 14, 573-584	24.2	601
52	Correlation between intraluminal oxygen gradient and radial partitioning of intestinal microbiota. <i>Gastroenterology</i> , <b>2014</b> , 147, 1055-63.e8	13.3	464
51	Inflammation, Antibiotics, and Diet as Environmental Stressors of the Gut Microbiome in Pediatric Crohn's Disease. <i>Cell Host and Microbe</i> , <b>2015</b> , 18, 489-500	23.4	446
50	Roles for Intestinal Bacteria, Viruses, and Fungi in Pathogenesis of Inflammatory Bowel Diseases and Therapeutic Approaches. <i>Gastroenterology</i> , <b>2017</b> , 152, 327-339.e4	13.3	407
49	Enterotypes in the landscape of gut microbial community composition. <i>Nature Microbiology</i> , <b>2018</b> , 3, 8-16	26.6	387
48	Diet and the intestinal microbiome: associations, functions, and implications for health and disease. <i>Gastroenterology</i> , <b>2014</b> , 146, 1564-72	13.3	379
47	Update on Fecal Microbiota Transplantation 2015: Indications, Methodologies, Mechanisms, and Outlook. <i>Gastroenterology</i> , <b>2015</b> , 149, 223-37	13.3	364
46	Comparative metabolomics in vegans and omnivores reveal constraints on diet-dependent gut microbiota metabolite production. <i>Gut</i> , <b>2016</b> , 65, 63-72	19.2	307
45	Sampling and pyrosequencing methods for characterizing bacterial communities in the human gut using 16S sequence tags. <i>BMC Microbiology</i> , <b>2010</b> , 10, 206	4.5	283
44	Diet in the pathogenesis and treatment of inflammatory bowel diseases. <i>Gastroenterology</i> , <b>2015</b> , 148, 1087-106	13.3	227
43	Fungi of the murine gut: episodic variation and proliferation during antibiotic treatment. <i>PLoS ONE</i> , <b>2013</b> , 8, e71806	3.7	143
42	Gut Microbiota Offers Universal Biomarkers across Ethnicity in Inflammatory Bowel Disease Diagnosis and Infliximab Response Prediction. <i>MSystems</i> , <b>2018</b> , 3,	7.6	115
41	Engineering the gut microbiota to treat hyperammonemia. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 2841-50	15.9	110
40	Microbes vs. chemistry in the origin of the anaerobic gut lumen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 4170-4175	11.5	100

39	Comparative Effectiveness of Nutritional and Biological Therapy in North American Children with Active Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , <b>2015</b> , 21, 1786-93	4.5	100
38	The Structure and Function of the Human Small Intestinal Microbiota: Current Understanding and Future Directions. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2020</b> , 9, 33-45	7.9	93
37	A role for bacterial urease in gut dysbiosis and Crohn's disease. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	92
36	Diet, the human gut microbiota, and IBD. <i>Anaerobe</i> , <b>2013</b> , 24, 117-20	2.8	91
35	The stepwise assembly of the neonatal virome is modulated by breastfeeding. <i>Nature</i> , <b>2020</b> , 581, 470-474	10.4	80
34	Downregulated in adenoma gene encodes a chloride transporter defective in congenital chloride diarrhea. <i>American Journal of Physiology - Renal Physiology</i> , <b>1999</b> , 276, G185-92	5.1	79
33	Dietary Patterns and Growth From 12 to 24 Months of Age in African American Infants. <i>Current Developments in Nutrition</i> , <b>2021</b> , 5, 454-454	0.4	78
32	Analysis of the human gut microbiome and association with disease. <i>Clinical Gastroenterology and Hepatology</i> , <b>2013</b> , 11, 774-7	6.9	72
31	Covalent Modification of Bacteriophage T4 DNA Inhibits CRISPR-Cas9. <i>MBio</i> , <b>2015</b> , 6, e00648	7.8	58
30	FXR-Dependent Modulation of the Human Small Intestinal Microbiome by the Bile Acid Derivative Obeticholic Acid. <i>Gastroenterology</i> , <b>2018</b> , 155, 1741-1752.e5	13.3	54
29	Host mitochondria influence gut microbiome diversity: A role for ROS. <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	49
28	Fecal Microbiota Transplantation Is Highly Effective in Real-World Practice: Initial Results From the FMT National Registry. <i>Gastroenterology</i> , <b>2021</b> , 160, 183-192.e3	13.3	48
27	Body Mass Index Is a Better Indicator of Body Composition than Weight-for-Length at Age 1 Month. <i>Journal of Pediatrics</i> , <b>2019</b> , 204, 77-83.e1	3.6	43
26	Role for diet in normal gut barrier function: developing guidance within the framework of food-labeling regulations. <i>American Journal of Physiology - Renal Physiology</i> , <b>2019</b> , 317, G17-G39	5.1	37
25	Bacterial colonization reprograms the neonatal gut metabolome. <i>Nature Microbiology</i> , <b>2020</b> , 5, 838-847	26.6	37
24	Challenges in IBD Research: Environmental Triggers. <i>Inflammatory Bowel Diseases</i> , <b>2019</b> , 25, S13-S23	4.5	35
23	Role of dietary fiber in the recovery of the human gut microbiome and its metabolome. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 394-407.e5	23.4	32
22	High-level expression of I kappa B-beta in the surface epithelium of the colon: in vitro evidence for an immunomodulatory role. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 66, 1049-56	6.5	31

21	A screen of Crohn's disease-associated microbial metabolites identifies ascorbate as a novel metabolic inhibitor of activated human T cells. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 457-467	9.2	31
20	Establishing a mucosal gut microbial community in vitro using an artificial simulator. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197692	3.7	30
19	Allometry and Ecology of the Bilaterian Gut Microbiome. <i>MBio</i> , <b>2018</b> , 9,	7.8	20
18	Multi-omic Analysis of the Interaction between <i>Clostridioides difficile</i> Infection and Pediatric Inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , <b>2020</b> , 28, 422-433.e7	23.4	20
17	Randomized controlled-feeding study of dietary emulsifier carboxymethylcellulose reveals detrimental impacts on the gut microbiota and metabolome. <i>Gastroenterology</i> , <b>2021</b> ,	13.3	15
16	Diet, the gut microbiome and the metabolome in IBD. <i>Nestle Nutrition Institute Workshop Series</i> , <b>2014</b> , 79, 73-82	1.9	14
15	Predicting the Longitudinally and Radially Varying Gut Microbiota Composition Using Multi-Scale Microbial Metabolic Modeling. <i>Processes</i> , <b>2019</b> , 7, 394	2.9	12
14	Dietary Regulation of the Gut Microbiota Engineered by a Minimal Defined Bacterial Consortium. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155620	3.7	12
13	Functional imaging of the interaction between gut microbiota and the human host: A proof-of-concept clinical study evaluating novel use for 18F-FDG PET-CT. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192747	3.7	11
12	Mitochondrial dysfunction in inflammatory bowel disease alters intestinal epithelial metabolism of hepatic acylcarnitines. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	11
11	Posttranscriptional regulation of colonic epithelial repair by RNA binding protein IMP1/IGF2BP1. <i>EMBO Reports</i> , <b>2019</b> , 20,	6.5	8
10	Maternal gut microbiota reflecting poor diet quality is associated with spontaneous preterm birth in a prospective cohort study. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 113, 602-611	7	8
9	Evaluation of a therapy for Idiopathic Chronic Enterocolitis in rhesus macaques () and linked microbial community correlates. <i>PeerJ</i> , <b>2018</b> , 6, e4612	3.1	4
8	The Mucosally-Adherent Rectal Microbiota Contains Features Unique to Alcohol-Related Cirrhosis. <i>Gut Microbes</i> , <b>2021</b> , 13, 1987781	8.8	3
7	Global Microbiota-Dependent Histone Acetylation Patterns Are Irreversible and Independent of Short Chain Fatty Acids. <i>Hepatology</i> , <b>2021</b> , 74, 3427-3440	11.2	2
6	Decreased Intestinal Microbiome Diversity in Pediatric Sepsis: A Conceptual Framework for Intestinal Dysbiosis to Influence Immunometabolic Function <b>2021</b> , 3, e0360		1
5	Hospital Discharge on Enteral Nutrition is Associated with Increased Hospital Readmissions. <b>2022</b> , 1-4		0
4	Our new president-Anil K. Rustgi, MD. <i>Gastroenterology</i> , <b>2013</b> , 144, 1129-35	13.3	

- 3 Presentation of the Julius M. Friedenwald Medal to Anil K. Rustgi. *Gastroenterology*, **2017**, 152, 2063-2067.3
- 2 Reply. *Gastroenterology*, **2021**, 160, 2636 13.3
- 1 The Impact of Introducing Patient-Reported Inflammatory Bowel Disease Symptoms via Electronic Survey on Clinic Visit Length, Patient and Provider Satisfaction, and the Environment Microbiome. *Inflammatory Bowel Diseases*, **2021**, 27, 746-750 4.5