Gary D Wu

List of Publications by Year in Descending Order

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	Hospital Discharge on Enteral Nutrition is Associated with Increased Hospital Readmissions. **2022**, 1-4		0
55	Randomized controlled-feeding study of dietary emulsifier carboxymethylcellulose reveals detrimental impacts on the gut microbiota and metabolome. *Gastroenterology*, **2021**,	13.3	15
54	The Mucosally-Adherent Rectal Microbiota Contains Features Unique to Alcohol-Related Cirrhosis. *Gut Microbes*, **2021**, 13, 1987781	8.8	3
53	Decreased Intestinal Microbiome Diversity in Pediatric Sepsis: A Conceptual Framework for Intestinal Dysbiosis to Influence Immunometabolic Function **2021**, 3, e0360		1
52	Role of dietary fiber in the recovery of the human gut microbiome and its metabolome. *Cell Host and Microbe*, **2021**, 29, 394-407.e5	23.4	32
51	Dietary Patterns and Growth From 12 to 24 Months of Age in African American Infants. *Current Developments in Nutrition*, **2021**, 5, 454-454	0.4	78
50	Reply. *Gastroenterology*, **2021**, 160, 2636	13.3	
49	Global Microbiota-Dependent Histone Acetylation Patterns Are Irreversible and Independent of Short Chain Fatty Acids. *Hepatology*, **2021**, 74, 3427-3440	11.2	2
48	Fecal Microbiota Transplantation Is Highly Effective in Real-World Practice: Initial Results From the FMT National Registry. *Gastroenterology*, **2021**, 160, 183-192.e3	13.3	48
47	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	
46	Maternal gut microbiota reflecting poor diet quality is associated with spontaneous preterm birth in a prospective cohort study. *American Journal of Clinical Nutrition*, **2021**, 113, 602-611	7	8
45	Mitochondrial dysfunction in inflammatory bowel disease alters intestinal epithelial metabolism of hepatic acylcarnitines. *Journal of Clinical Investigation*, **2021**, 131,	15.9	11
44	Bacterial colonization reprograms the neonatal gut metabolome. *Nature Microbiology*, **2020**, 5, 838-847	26.6	37
43	Multi-omic Analysis of the Interaction between Clostridioides difficile Infection and Pediatric Inflammatory Bowel Disease. *Cell Host and Microbe*, **2020**, 28, 422-433.e7	23.4	20
42	The Structure and Function of the Human Small Intestinal Microbiota: Current Understanding and Future Directions. *Cellular and Molecular Gastroenterology and Hepatology*, **2020**, 9, 33-45	7.9	93
41	The stepwise assembly of the neonatal virome is modulated by breastfeeding. *Nature*, **2020**, 581, 470-474	50.4	80
40	Role for diet in normal gut barrier function: developing guidance within the framework of food-labeling regulations. *American Journal of Physiology - Renal Physiology*, **2019**, 317, G17-G39	5.1	37

39	Posttranscriptional regulation of colonic epithelial repair by RNA binding protein IMP1/IGF2BP1. *EMBO Reports*, **2019**, 20,	6.5	8
38	Challenges in IBD Research: Environmental Triggers. *Inflammatory Bowel Diseases*, **2019**, 25, S13-S23	4.5	35
37	Predicting the Longitudinally and Radially Varying Gut Microbiota Composition Using Multi-Scale Microbial Metabolic Modeling. *Processes*, **2019**, 7, 394	2.9	12
36	Host mitochondria influence gut microbiome diversity: A role for ROS. *Science Signaling*, **2019**, 12,	8.8	49
35	Body Mass Index Is a Better Indicator of Body Composition than Weight-for-Length at Age 1 Month. *Journal of Pediatrics*, **2019**, 204, 77-83.e1	3.6	43
34	A screen of Crohn's disease-associated microbial metabolites identifies ascorbate as a novel metabolic inhibitor of activated human T cells. *Mucosal Immunology*, **2019**, 12, 457-467	9.2	31
33	Enterotypes in the landscape of gut microbial community composition. *Nature Microbiology*, **2018**, 3, 8-16	26.6	387
32	Allometry and Ecology of the Bilaterian Gut Microbiome. *MBio*, **2018**, 9,	7.8	20
31	Microbes vs. chemistry in the origin of the anaerobic gut lumen. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 4170-4175	11.5	100
30	Gut Microbiota Offers Universal Biomarkers across Ethnicity in Inflammatory Bowel Disease Diagnosis and Infliximab Response Prediction. *MSystems*, **2018**, 3,	7.6	115
29	Establishing a mucosal gut microbial community in vitro using an artificial simulator. *PLoS ONE*, **2018**, 13, e0197692	3.7	30
28	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. *PLoS ONE*, **2018**, 13, e0192747	3.7	11
27	Evaluation of a therapy for Idiopathic Chronic Enterocolitis in rhesus macaques () and linked microbial community correlates. *PeerJ*, **2018**, 6, e4612	3.1	4
26	FXR-Dependent Modulation of the Human Small Intestinal Microbiome by the Bile Acid Derivative Obeticholic Acid. *Gastroenterology*, **2018**, 155, 1741-1752.e5	13.3	54
25	Gut microbiota and IBD: causation or correlation?. *Nature Reviews Gastroenterology and Hepatology*, **2017**, 14, 573-584	24.2	601
24	Presentation of the Julius M. Friedenwald Medal to Anil K. Rustgi. *Gastroenterology*, **2017**, 152, 2063-2067	13.3	
23	A role for bacterial urease in gut dysbiosis and Crohn's disease. *Science Translational Medicine*, **2017**, 9,	17.5	92
22	Roles for Intestinal Bacteria, Viruses, and Fungi in Pathogenesis of Inflammatory Bowel Diseases and Therapeutic Approaches. *Gastroenterology*, **2017**, 152, 327-339.e4	13.3	407

21	Comparative metabolomics in vegans and omnivores reveal constraints on diet-dependent gut microbiota metabolite production. *Gut*, **2016**, 65, 63-72	19.2	307
20	Dietary Regulation of the Gut Microbiota Engineered by a Minimal Defined Bacterial Consortium. *PLoS ONE*, **2016**, 11, e0155620	3.7	12
19	Engineering the gut microbiota to treat hyperammonemia. *Journal of Clinical Investigation*, **2015**, 125, 2841-50	15.9	110
18	Inflammation, Antibiotics, and Diet as Environmental Stressors of the Gut Microbiome in Pediatric Crohn's Disease. *Cell Host and Microbe*, **2015**, 18, 489-500	23.4	446
17	Comparative Effectiveness of Nutritional and Biological Therapy in North American Children with Active Crohn's Disease. *Inflammatory Bowel Diseases*, **2015**, 21, 1786-93	4.5	100
16	Update on Fecal Microbiota Transplantation 2015: Indications, Methodologies, Mechanisms, and Outlook. *Gastroenterology*, **2015**, 149, 223-37	13.3	364
15	Covalent Modification of Bacteriophage T4 DNA Inhibits CRISPR-Cas9. *MBio*, **2015**, 6, e00648	7.8	58
14	Diet in the pathogenesis and treatment of inflammatory bowel diseases. *Gastroenterology*, **2015**, 148, 1087-106	13.3	227
13	Diet and the intestinal microbiome: associations, functions, and implications for health and disease. *Gastroenterology*, **2014**, 146, 1564-72	13.3	379
12	Correlation between intraluminal oxygen gradient and radial partitioning of intestinal microbiota. *Gastroenterology*, **2014**, 147, 1055-63.e8	13.3	464
11	Diet, the gut microbiome and the metabolome in IBD. *Nestle Nutrition Institute Workshop Series*, **2014**, 79, 73-82	1.9	14
10	Analysis of the human gut microbiome and association with disease. *Clinical Gastroenterology and Hepatology*, **2013**, 11, 774-7	6.9	72
9	Diet, the human gut microbiota, and IBD. *Anaerobe*, **2013**, 24, 117-20	2.8	91
8	Our new president-Anil K. Rustgi, MD. *Gastroenterology*, **2013**, 144, 1129-35	13.3	
7	Fungi of the murine gut: episodic variation and proliferation during antibiotic treatment. *PLoS ONE*, **2013**, 8, e71806	3.7	143
6	Linking long-term dietary patterns with gut microbial enterotypes. *Science*, **2011**, 334, 105-8	33.3	3898
5	Sampling and pyrosequencing methods for characterizing bacterial communities in the human gut using 16S sequence tags. *BMC Microbiology*, **2010**, 10, 206	4.5	283
4	High-fat diet determines the composition of the murine gut microbiome independently of obesity. *Gastroenterology*, **2009**, 137, 1716-24.e1-2	13.3	1044

3	Downregulated in adenoma gene encodes a chloride transporter defective in congenital chloride diarrhea. *American Journal of Physiology - Renal Physiology*, **1999**, 276, G185-92	5.1	79
2	High-level expression of I kappa B-beta in the surface epithelium of the colon: in vitro evidence for an immunomodulatory role. *Journal of Leukocyte Biology*, **1999**, 66, 1049-56	6.5	31
1	KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene. *Nature Genetics*, **1997**, 17, 141-3	36.3	927