

# Jeremiah J Faith

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

11,733  
citations

145106

33  
h-index

242451

47  
g-index

74  
all docs

74  
docs citations

74  
times ranked

22628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Microbiota from Twins Discordant for Obesity Modulate Metabolism in Mice. <i>Science</i> , 2013, 341, 1241214.	6.0	3,006
2	The Long-Term Stability of the Human Gut Microbiota. <i>Science</i> , 2013, 341, 1237439.	6.0	1,696
3	Immunology of COVID-19: Current State of the Science. <i>Immunity</i> , 2020, 52, 910-941.	6.6	1,387
4	Extensive personal human gut microbiota culture collections characterized and manipulated in gnotobiotic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6252-6257.	3.3	656
5	Neutrophil ageing is regulated by the microbiome. <i>Nature</i> , 2015, 525, 528-532.	13.7	627
6	Predicting a Human Gut Microbiota's Response to Diet in Gnotobiotic Mice. <i>Science</i> , 2011, 333, 101-104.	6.0	480
7	Microbiotas from Humans with Inflammatory Bowel Disease Alter the Balance of Gut Th17 and ROR $\gamma$ <sup>3</sup> + Regulatory T Cells and Exacerbate Colitis in Mice. <i>Immunity</i> , 2019, 50, 212-224.e4.	6.6	345
8	Identifying Gut Microbe-Host Phenotype Relationships Using Combinatorial Communities in Gnotobiotic Mice. <i>Science Translational Medicine</i> , 2014, 6, 220ra11.	5.8	325
9	Specific Bacteria and Metabolites Associated With Response to Fecal Microbiota Transplantation in Patients With Ulcerative Colitis. <i>Gastroenterology</i> , 2019, 156, 1440-1454.e2.	0.6	290
10	Interactions Between Diet and the Intestinal Microbiota Alter Intestinal Permeability and Colitis Severity in Mice. <i>Gastroenterology</i> , 2018, 154, 1037-1046.e2.	0.6	273
11	Host-Protozoan Interactions Protect from Mucosal Infections through Activation of the Inflammasome. <i>Cell</i> , 2016, 167, 444-456.e14.	13.5	251
12	A functional genomics predictive network model identifies regulators of inflammatory bowel disease. <i>Nature Genetics</i> , 2017, 49, 1437-1449.	9.4	199
13	Role of intestinal microbiota in the generation of polyphenol-derived phenolic acid mediated attenuation of Alzheimer's disease $\beta$ -amyloid oligomerization. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1025-1040.	1.5	187
14	Small intestinal microbial dysbiosis underlies symptoms associated with functional gastrointestinal disorders. <i>Nature Communications</i> , 2019, 10, 2012.	5.8	168
15	Fecal IgA Levels Are Determined by Strain-Level Differences in <i>Bacteroides ovatus</i> and Are Modifiable by Gut Microbiota Manipulation. <i>Cell Host and Microbe</i> , 2020, 27, 467-475.e6.	5.1	124
16	Infants born to mothers with IBD present with altered gut microbiome that transfers abnormalities of the adaptive immune system to germ-free mice. <i>Gut</i> , 2020, 69, 42-51.	6.1	121
17	Gut microbiota density influences host physiology and is shaped by host and microbial factors. <i>ELife</i> , 2019, 8, .	2.8	118
18	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. <i>Gastroenterology</i> , 2021, 160, 2435-2450.e34.	0.6	118

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19	Creating and characterizing communities of human gut microbes in gnotobiotic mice. <i>ISME Journal</i> , 2010, 4, 1094-1098.	4.4	116
20	Metagenomic binning and association of plasmids with bacterial host genomes using DNA methylation. <i>Nature Biotechnology</i> , 2018, 36, 61-69.	9.4	116
21	Fungal Trans-kingdom Dynamics Linked to Responsiveness to Fecal Microbiota Transplantation (FMT) Therapy in Ulcerative Colitis. <i>Cell Host and Microbe</i> , 2020, 27, 823-829.e3.	5.1	110
22	Mining the Human Gut Microbiota for Effector Strains that Shape the Immune System. <i>Immunity</i> , 2014, 40, 815-823.	6.6	104
23	Microbiota regulate the ability of lung dendritic cells to induce IgA class-switch recombination and generate protective gastrointestinal immune responses. <i>Journal of Experimental Medicine</i> , 2016, 213, 53-73.	4.2	94
24	Identifying strains that contribute to complex diseases through the study of microbial inheritance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 633-640.	3.3	63
25	The Role of the Gut Microbiota in the Metabolism of Polyphenols as Characterized by Gnotobiotic Mice. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 409-421.	1.2	63
26	The gut microbiota composition affects dietary polyphenols-mediated cognitive resilience in mice by modulating the bioavailability of phenolic acids. <i>Scientific Reports</i> , 2019, 9, 3546.	1.6	61
27	Precise quantification of bacterial strains after fecal microbiota transplantation delineates long-term engraftment and explains outcomes. <i>Nature Microbiology</i> , 2021, 6, 1309-1318.	5.9	60
28	Defined microbiota transplant restores Th17/ROR $\gamma$ t <sup>+</sup> regulatory T cell balance in mice colonized with inflammatory bowel disease microbiotas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21536-21545.	3.3	58
29	Heterogeneity in gut microbiota drive polyphenol metabolism that influences $\alpha$ -synuclein misfolding and toxicity. <i>Journal of Nutritional Biochemistry</i> , 2019, 64, 170-181.	1.9	52
30	Colonization of the live biotherapeutic product VE303 and modulation of the microbiota and metabolites in healthy volunteers. <i>Cell Host and Microbe</i> , 2022, 30, 583-598.e8.	5.1	51
31	Limited intestinal inflammation despite diarrhea, fecal viral RNA and SARS-CoV-2-specific IgA in patients with acute COVID-19. <i>Scientific Reports</i> , 2021, 11, 13308.	1.6	50
32	Food colorants metabolized by commensal bacteria promote colitis in mice with dysregulated expression of interleukin-23. <i>Cell Metabolism</i> , 2021, 33, 1358-1371.e5.	7.2	49
33	Challenges in IBD Research: Preclinical Human IBD Mechanisms. <i>Inflammatory Bowel Diseases</i> , 2019, 25, S5-S12.	0.9	44
34	Microbial Engraftment and Efficacy of Fecal Microbiota Transplant for <i>Clostridium Difficile</i> in Patients With and Without Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 969-979.	0.9	38
35	Diet Modifies Colonic Microbiota and CD4 <sup>+</sup> T-Cell Repertoire to Induce Flares of Colitis in Mice With Myeloid-Cell Expression of Interleukin 23. <i>Gastroenterology</i> , 2018, 155, 1177-1191.e16.	0.6	32
36	Modeling dysbiosis of human NASH in mice: Loss of gut microbiome diversity and overgrowth of Erysipelotrichales. <i>PLoS ONE</i> , 2021, 16, e0244763.	1.1	30

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37	Immunoglobulin A antibody composition is sculpted to bind the self gut microbiome. <i>Science Immunology</i> , 2022, 7, .	5.6	18
38	Development and validation of an ultra-high performance liquid chromatography/triple quadrupole mass spectrometry method for analyzing microbial-derived grape polyphenol metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1099, 34-45.	1.2	17
39	Targeted analysis of microbial-generated phenolic acid metabolites derived from grape flavanols by gas chromatography-triple quadrupole mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 374-383.	1.4	14
40	<i>Enterococcus faecalis</i> Glucosamine Metabolism Exacerbates Experimental Colitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1373-1389.	2.3	9
41	Causative Microbes in Host-Microbiome Interactions. <i>Annual Review of Microbiology</i> , 2021, 75, 223-242.	2.9	9
42	Interleukin 22 disrupts pancreatic function in newborn mice expressing IL-23. <i>Nature Communications</i> , 2019, 10, 4517.	5.8	8
43	A Comprehensive Database and Analysis Framework To Incorporate Multiscale Data Types and Enable Integrated Analysis of Bioactive Polyphenols. <i>Molecular Pharmaceutics</i> , 2018, 15, 840-850.	2.3	4
44	Metabolic labeling puts the microbiome under the microscope. <i>Nature Medicine</i> , 2015, 21, 977-978.	15.2	3
45	Microbial-Host Interactions in Inflammatory Bowel Disease, Functional Bowel Disease, Obesity and Obesity-Related Metabolic Disease. <i>Gastroenterology</i> , 2018, 155, 1283-1286.	0.6	3
46	Impaired central tolerance induces changes in the gut microbiota that exacerbate autoimmune hepatitis. <i>Journal of Autoimmunity</i> , 2022, 128, 102808.	3.0	3
47	O2-02-04: Protective Roles of Intestinal Microbiota in Alzheimer's Disease Through Mechanisms Involving Short Chain Fatty Acids and Phenolic Acids. , 2016, 12, P224-P225.		1
48	P4-155: Intestinal microbiota-derived phenol acids are capable of accumulating in the brain and interfere with $\beta$ -amyloid oligomerization. , 2015, 11, P838-P838.		0
49	Maternal infection programmes offspring immunity. <i>Nature Reviews Immunology</i> , 2021, 21, 207-207.	10.6	0
50	Food for Thought: Consumption of a High Fat Diet in Combination with Antibiotics Results in Early Inflammatory Changes in the Gastrointestinal Tract. <i>Gastroenterology</i> , 2021, , .	0.6	0
51	The persistent life of IgA. <i>Science Translational Medicine</i> , 2015, 7, .	5.8	0
52	A key to gut health in a few microns of mucus. <i>Science Translational Medicine</i> , 2015, 7, .	5.8	0
53	Targeting Neutrophil Aging and the Microbiota for the Treatment of Sickle Cell Disease. <i>Blood</i> , 2015, 126, 279-279.	0.6	0
54	Title is missing!. , 2021, 16, e0244763.		0

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55	Title is missing!. , 2021, 16, e0244763.		0
56	Title is missing!. , 2021, 16, e0244763.		0
57	Title is missing!.. , 2021, 16, e0244763.		0
58	The Role of the Gut Microbiota in the Metabolism of Polyphenols as Characterized by Gnotobiotic Mice. Advances in Alzheimer's Disease, 2022, , .	0.2	0