

# Jonathan G Braun

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

9,423  
citations

76326

40  
h-index

79698

73  
g-index

83  
all docs

83  
docs citations

83  
times ranked

15445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal microbiome in inflammatory bowel disease: a critical assessment. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	35
2	Differences in SARS-CoV-2 Vaccine Response Dynamics Between Class-I and Class-II-Specific T-Cell Receptors in Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2022, 13, 880190.	4.8	7
3	The T-Cell Response to SARS-CoV-2 Vaccination in Inflammatory Bowel Disease is Augmented with Anti-TNF Therapy. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 1130-1133.	1.9	23
4	Supraharmonic Dynamic Phasors: Estimation of Time-Varying Emissions. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-11.	4.7	4
5	Demographic and clinical characteristics associated with variations in antibody response to BNT162b2 COVID-19 vaccination among healthcare workers at an academic medical centre: a longitudinal cohort analysis. <i>BMJ Open</i> , 2022, 12, e059994.	1.9	17
6	Altered Intestinal ACE2 Levels Are Associated With Inflammation, Severe Disease, and Response to Anti-Cytokine Therapy in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2021, 160, 809-822.e7.	1.3	45
7	Prevalence and Effect of Genetic Risk of Thromboembolic Disease in Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2021, 160, 771-780.e4.	1.3	11
8	BCG vaccination history associates with decreased SARS-CoV-2 seroprevalence across a diverse cohort of health care workers. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	108
9	Seroprevalence of antibodies to SARS-CoV-2 in healthcare workers: a cross-sectional study. <i>BMJ Open</i> , 2021, 11, e043584.	1.9	31
10	<i>Debaryomyces</i> is enriched in Crohn's disease intestinal tissue and impairs healing in mice. <i>Science</i> , 2021, 371, 1154-1159.	12.6	126
11	Role of dietary fiber in the recovery of the human gut microbiome and its metabolome. <i>Cell Host and Microbe</i> , 2021, 29, 394-407.e5.	11.0	137
12	Antibody responses to the BNT162b2 mRNA vaccine in individuals previously infected with SARS-CoV-2. <i>Nature Medicine</i> , 2021, 27, 981-984.	30.7	504
13	Adverse Events After SARS-CoV-2 mRNA Vaccination Among Patients With Inflammatory Bowel Disease. <i>American Journal of Gastroenterology</i> , 2021, 116, 1746-1751.	0.4	70
14	Happy families. <i>Cell Host and Microbe</i> , 2021, 29, 1218-1220.	11.0	0
15	Decreased Antibody Responses to Ad26.COVS.2 Relative to SARS-CoV-2 mRNA Vaccines in Patients With Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2021, 161, 2041-2043.e1.	1.3	27
16	Mitochondrial dysfunction in inflammatory bowel disease alters intestinal epithelial metabolism of hepatic acylcarnitines. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	49
17	Antibody Responses After SARS-CoV-2 mRNA Vaccination in Adults With Inflammatory Bowel Disease. <i>Annals of Internal Medicine</i> , 2021, 174, 1768-1770.	3.9	57
18	Symptomology following mRNA vaccination against SARS-CoV-2. <i>Preventive Medicine</i> , 2021, 153, 106860.	3.4	7

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19	Longitudinal SARS-CoV-2 mRNA Vaccine-Induced Humoral Immune Responses in Patients with Cancer. <i>Cancer Research</i> , 2021, 81, 6273-6280.	0.9	30
20	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021, 27, 1885-1892.	30.7	170
21	Paradoxical sex-specific patterns of autoantibody response to SARS-CoV-2 infection. <i>Journal of Translational Medicine</i> , 2021, 19, 524.	4.4	42
22	Novel Diagnostic Autoantibodies Against Endothelial Protein C Receptor in Patients With Ulcerative Colitis. <i>Clinical Gastroenterology and Hepatology</i> , 2021, , .	4.4	4
23	Proximal colon-derived O-glycosylated mucus encapsulates and modulates the microbiota. <i>Science</i> , 2020, 370, 467-472.	12.6	122
24	Biomarkers of Crohn's Disease to Support the Development of New Therapeutic Interventions. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1498-1508.	1.9	10
25	EMP2 Is a Novel Regulator of Stemness in Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1682-1695.	4.1	11
26	A network-based integrated framework for predicting virus-prokaryote interactions. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa044.	3.2	69
27	Controlling for Contaminants in Low-Biomass 16S rRNA Gene Sequencing Experiments. <i>MSystems</i> , 2019, 4, .	3.8	166
28	Multi-omics of the gut microbial ecosystem in inflammatory bowel diseases. <i>Nature</i> , 2019, 569, 655-662.	27.8	1,638
29	Malassezia Is Associated with Crohn's Disease and Exacerbates Colitis in Mouse Models. <i>Cell Host and Microbe</i> , 2019, 25, 377-388.e6.	11.0	283
30	Microbiotas from Humans with Inflammatory Bowel Disease Alter the Balance of Gut Th17 and ROR $\gamma$ <sup>+</sup> Regulatory T Cells and Exacerbate Colitis in Mice. <i>Immunity</i> , 2019, 50, 212-224.e4.	14.3	345
31	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> , 2019, 12, 457-467.	6.0	44
32	Immuno-PET in Inflammatory Bowel Disease: Imaging CD4-Positive T Cells in a Murine Model of Colitis. <i>Journal of Nuclear Medicine</i> , 2018, 59, 980-985.	5.0	54
33	Dynamics of metatranscription in the inflammatory bowel disease gut microbiome. <i>Nature Microbiology</i> , 2018, 3, 337-346.	13.3	408
34	Flaviviruses Hit a Moving Target. <i>Cell</i> , 2018, 175, 1175-1176.	28.9	1
35	Community profiling of the urinary microbiota: considerations for low-biomass samples. <i>Nature Reviews Urology</i> , 2018, 15, 735-749.	3.8	87
36	A Chemical Time Machine for Mucosal Healing. <i>Cell Host and Microbe</i> , 2018, 24, 325-326.	11.0	0

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37	Inflammation-independent TL1A-mediated intestinal fibrosis is dependent on the gut microbiome. <i>Mucosal Immunology</i> , 2018, 11, 1466-1476.	6.0	64
38	Tightening the Case for Gut Microbiota in Autism-Spectrum Disorder. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2017, 3, 131-132.	4.5	8
39	Epithelial membrane protein-2 (EMP2) promotes angiogenesis in glioblastoma multiforme. <i>Journal of Neuro-Oncology</i> , 2017, 134, 29-40.	2.9	19
40	NK cells are biologic and biochemical targets of 6-mercaptopurine in Crohn's disease patients. <i>Clinical Immunology</i> , 2017, 175, 82-90.	3.2	22
41	Systemic sclerosis is associated with specific alterations in gastrointestinal microbiota in two independent cohorts. <i>BMJ Open Gastroenterology</i> , 2017, 4, e000134.	2.7	77
42	A role for bacterial urease in gut dysbiosis and Crohn's disease. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	171
43	Space-type radiation induces multimodal responses in the mouse gut microbiome and metabolome. <i>Microbiome</i> , 2017, 5, 105.	11.1	81
44	Association of Systemic Sclerosis With a Unique Colonic Microbial Consortium. <i>Arthritis and Rheumatology</i> , 2016, 68, 1483-1492.	5.6	90
45	Defective Intestinal Mucin-Type O-Glycosylation Causes Spontaneous Colitis-Associated Cancer in Mice. <i>Gastroenterology</i> , 2016, 151, 152-164.e11.	1.3	105
46	A Disease-Associated Microbial and Metabolomics State in Relatives of Pediatric Inflammatory Bowel Disease Patients. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 750-766.	4.5	163
47	A Pleiotropic Missense Variant in SLC39A8 Is Associated With Crohn's Disease and Human Gut Microbiome Composition. <i>Gastroenterology</i> , 2016, 151, 724-732.	1.3	109
48	An Integrated Multi-Omic Approach to Assess Radiation Injury on the Host-Microbiome Axis. <i>Radiation Research</i> , 2016, 186, 219.	1.5	66
49	Multilevel regularized regression for simultaneous taxa selection and network construction with metagenomic count data. <i>Bioinformatics</i> , 2015, 31, 1067-1074.	4.1	13
50	Tunable-Combinatorial Mechanisms of Acquired Resistance Limit the Efficacy of BRAF/MEK Cotargeting but Result in Melanoma Drug Addiction. <i>Cancer Cell</i> , 2015, 27, 240-256.	16.8	299
51	Diagnostic and Prognostic Microbial Biomarkers in Inflammatory Bowel Diseases. <i>Gastroenterology</i> , 2015, 149, 1265-1274.e3.	1.3	59
52	The cerebellum ages slowly according to the epigenetic clock. <i>Aging</i> , 2015, 7, 294-306.	3.1	162
53	Reprogramming of gut microbiome energy metabolism by the <i>FUT2</i> Crohn's disease risk polymorphism. <i>ISME Journal</i> , 2014, 8, 2193-2206.	9.8	182
54	Epithelial Membrane Protein-2 (EMP2) Activates Src Protein and Is a Novel Therapeutic Target for Glioblastoma. <i>Journal of Biological Chemistry</i> , 2014, 289, 13974-13985.	3.4	33

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55	Host genes and their effect on the intestinal microbiome garden. <i>Genome Medicine</i> , 2014, 6, 119.	8.2	11
56	Immune and genetic gardening of the intestinal microbiome. <i>FEBS Letters</i> , 2014, 588, 4102-4111.	2.8	47
57	Human NK Cells Licensed by Killer Ig Receptor Genes Have an Altered Cytokine Program That Modifies CD4+ T Cell Function. <i>Journal of Immunology</i> , 2014, 193, 940-949.	0.8	28
58	Improved resolution of bacteria by high throughput sequence analysis of the rRNA internal transcribed spacer. <i>Journal of Microbiological Methods</i> , 2014, 105, 82-87.	1.6	30
59	HIV Infection is associated with compositional and functional shifts in the rectal mucosal microbiota. <i>Microbiome</i> , 2013, 1, 26.	11.1	184
60	Pfit Is a Structurally Novel Crohn's Disease-Associated Superantigen. <i>PLoS Pathogens</i> , 2013, 9, e1003837.	4.7	4
61	Clustering Scatter Plots Using Data Depth Measures. <i>Journal of Biometrics &amp; Biostatistics</i> , 2013, 04, 001.	4.0	0
62	KIR Genetics Modifies Susceptibility to Inflammatory Disorder by Reprogramming Human Natural Killer Cell Function. <i>Blood</i> , 2012, 120, 3282-3282.	1.4	1
63	Identifying and Developing Leadership Competencies in Health Research Organizations: A Pilot Study. <i>The Journal of Health Administration Education</i> , 2012, 29, 135-154.	0.5	8
64	Loss of intestinal core 1â€“derived O-glycans causes spontaneous colitis in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1657-1666.	8.2	285
65	Investigating Therapeutic Approach of IBD Using Recombinant Glycoprotein Mucin2. <i>FASEB Journal</i> , 2009, 23, 570.1.	0.5	1
66	Bacteria and bacterial rRNA genes associated with the development of colitis in IL-10âˆ“/âˆ“ Mice. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 1041-1050.	1.9	44
67	TNFÎ± blockade in human diseases: An overview of efficacy and safety. <i>Clinical Immunology</i> , 2008, 126, 13-30.	3.2	224
68	TNFÎ± blockade in human diseases: Mechanisms and future directions. <i>Clinical Immunology</i> , 2008, 126, 121-136.	3.2	252
69	Body Traffic: Ecology, Genetics, and Immunity in Inflammatory Bowel Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2007, 2, 401-429.	22.4	37
70	Increased susceptibility to colitis and colorectal tumors in mice lacking core 3â€“derived O-glycans. <i>Journal of Experimental Medicine</i> , 2007, 204, 1417-1429.	8.5	294
71	FSH Directly Regulates Bone Mass. <i>Cell</i> , 2006, 125, 247-260.	28.9	612
72	Ocular pANCA antigens are expressed in nonpigmented ciliary body epithelium and are conserved in multiple mammalian species. <i>Ocular Immunology and Inflammation</i> , 2001, 9, 25-34.	1.8	3

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73	pANCA antibodies in patients with anterior uveitis: identification of a marker antibody usually associated with ulcerative colitis. <i>Journal of Clinical Immunology</i> , 1998, 18, 264-271.	3.8	18
74	Diagnostic accuracy of serological assays in pediatric inflammatory bowel disease. <i>Gastroenterology</i> , 1998, 115, 822-829.	1.3	383
75	HIV-1gp120: A Novel Viral B Cell Superantigen. <i>International Reviews of Immunology</i> , 1997, 14, 325-338.	3.3	42
76	Dead cell discrimination with 7-aminocactinomycin D in combination with dual color immunofluorescence in single laser flow cytometry. <i>Cytometry</i> , 1992, 13, 204-208.	1.8	426
77	Longitudinal Characterisation of the Gastrointestinal Tract Microbiome in Systemic Sclerosis. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 110-118.	3.0	3