Christian Jobin

List of Publications by Year
in descending order

117 papers	10,657 citations	50276 46 h-index	33894 99 g-index
118 all docs	118 docs citations	118 times ranked	15015 citing authors

#	Article	IF	Citations
1	NTPDase8 protects mice from intestinal inflammation by limiting P2Y₆ receptor activation: identification of a new pathway of inflammation for the potential treatment of IBD. Gut, 2022, 71, 43-54.	12.1	23
2	The microbiome, gastrointestinal cancer, and immunotherapy. Journal of Gastroenterology and Hepatology (Australia), 2022, 37, 263-272.	2.8	9
3	Interaction of bacterial genera associated with therapeutic response to immune checkpoint PD-1 blockade in a United States cohort. Genome Medicine, 2022, 14, 35.	8.2	29
4	Finding clues in unexpected places: detection of pancreatic cancer through the faecal microbiome. Gut, 2022, 71, 1247-1248.	12.1	2
5	Gut Microbiota as a Novel Tool to Dissect the Complex Structures of Black Tea Polymers. Journal of Agricultural and Food Chemistry, 2022, 70, 5005-5014.	5.2	5
6	Group 3 innate lymphoid cell pyroptosis represents a host defence mechanism against Salmonella infection. Nature Microbiology, 2022, 7, 1087-1099.	13.3	22
7	MarZIC: A Marginal Mediation Model for Zero-Inflated Compositional Mediators with Applications to Microbiome Data. Genes, 2022, 13, 1049.	2.4	3
8	Human Colon Cancerâ€"Derived Clostridioides difficile Strains Drive Colonic Tumorigenesis in Mice. Cancer Discovery, 2022, 12, 1873-1885.	9.4	38
9	Far reach of Fusobacterium nucleatum in cancer metastasis. Gut, 2021, 70, 1427-1429.	12.1	7
10	Microbiome-Derived Liquid Biopsy: New Hope for Cancer Screening?. Clinical Chemistry, 2021, 67, 463-465.	3.2	6
11	IFAA: Robust Association Identification and Inference for Absolute Abundance in Microbiome Analyses. Journal of the American Statistical Association, 2021, 116, 1595-1608.	3.1	2
12	The gut microbiome of COVID-19 recovered patients returns to uninfected status in a minority-dominated United States cohort. Gut Microbes, 2021, 13, 1-15.	9.8	46
13	Black Tea Theaflavin Detoxifies Metabolic Toxins inÂtheÂIntestinal Tract of Mice. Molecular Nutrition and Food Research, 2021, 65, 2000887.	3.3	10
14	Gut Microbiota Dysbiosis Associated with Persistent Fatigue in Hematopoietic Cell Transplantation Survivors. Transplantation and Cellular Therapy, 2021, 27, 498.e1-498.e8.	1.2	10
15	Implications of the microbiome in the development and treatment of pancreatic cancer: Thinking outside of the box by looking inside the gut. Neoplasia, 2021, 23, 246-256.	5.3	20
16	Avenanthramide Metabotype from Whole-Grain Oat Intake is Influenced by Faecalibacterium prausnitzii in Healthy Adults. Journal of Nutrition, 2021, 151, 1426-1435.	2.9	11
17	Increased ACE2 Levels and Mortality Risk of Patients With COVID-19 on Proton Pump Inhibitor Therapy. American Journal of Gastroenterology, 2021, 116, 1638-1645.	0.4	12
18	Bacteria break barrier to promote metastasis. Cancer Cell, 2021, 39, 598-600.	16.8	10

#	Article	IF	Citations
19	Shining a Light on Colibactin Biology. Toxins, 2021, 13, 346.	3.4	38
20	Bacterial Swarmers Enriched During Intestinal Stress Ameliorate Damage. Gastroenterology, 2021, 161, 211-224.	1.3	13
21	Mitochondrial transcription factor A in RORÎ³t+ lymphocytes regulate small intestine homeostasis and metabolism. Nature Communications, 2021, 12, 4462.	12.8	13
22	Microbiota phylogenic analysis revealed decreased abundance of Faecalibacterium prausnitzii, an anti-inflammatory commensal bacterium, in patients with chronic graft-versus-host disease. Hematology/ Oncology and Stem Cell Therapy, 2021, 14, 263-265.	0.9	3
23	Commensal bacteria promote endocrine resistance in prostate cancer through androgen biosynthesis. Science, 2021, 374, 216-224.	12.6	135
24	Microbiota in mesenteric adipose tissue from Crohnâ€™s disease promote colitis in mice. Microbiome, 2021, 9, 228.	11.1	25
25	Dietary iron variably modulates assembly of the intestinal microbiota in colitis-resistant and colitis-susceptible mice. Gut Microbes, 2020, 11, 32-50.	9.8	31
26	Seaweed natural products modify the host inflammatory response via Nrf2 signaling and alter colon microbiota composition and gene expression. Free Radical Biology and Medicine, 2020, 146, 306-323.	2.9	13
27	Microbiota in pancreatic health and disease: the next frontier in microbiome research. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 53-64.	17.8	175
28	Characterization of the bacterial microbiome among free-ranging bottlenose dolphins (Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	3.2	15
29	Gut microbiota maturation during early human life induces enterocyte proliferation via microbial metabolites. BMC Microbiology, 2020, 20, 205.	3.3	25
30	Baseline Gut Microbiota Composition Is Associated with Major Infections Early after Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2020, 26, 2001-2010.	2.0	8
31	Soluble TNF mediates highâ€fat and highâ€carbohydrate dietâ€“induced inflammation, alterations in peripheral blood and brain immunophenotype, and gut microbiome in a mouse model of amyloid pathology. Alzheimer's and Dementia, 2020, 16, e040436.	0.8	0
32	Amending microbiota by targeting intestinal inflammation with TNF blockade attenuates development of colorectal cancer. Nature Cancer, 2020, 1, 723-734.	13.2	50
33	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. Trends in Cancer, 2020, 6, 192-204.	7.4	162
34	Human Colon Mucosal Biofilms and Murine Host Communicate via Altered mRNA and microRNA Expression during Cancer. MSystems, 2020, 5, .	3.8	25
35	Oral therapy with colonization factor antigen I prevents development of type 1 diabetes in Non-obese Diabetic mice. Scientific Reports, 2020, 10, 6156.	3.3	9
36	A mutational signature that can be made by a bacterium arises in human colon cancer. Nature, 2020, 580, 194-195.	27.8	3

#	Article	IF	Citations
37	Fecal Microbial Transplantation for Diseases Beyond Recurrent Clostridium Difficile Infection. Gastroenterology, 2019, 157, 624-636.	1.3	76
38	International Cancer Microbiome Consortium consensus statement on the role of the human microbiome in carcinogenesis. Gut, 2019, 68, 1624-1632.	12.1	173
39	Microbial Colonization Coordinates the Pathogenesis of a Klebsiella pneumoniae Infant Isolate. Scientific Reports, 2019, 9, 3380.	3.3	26
40	Yersiniabactin-Producing Adherent/Invasive Escherichia coli Promotes Inflammation-Associated Fibrosis in Gnotobiotic Il10 ^{â˜'/â˜'} Mice. Infection and Immunity, 2019, 87, .	2.2	38
41	Microbiota facilitates the formation of the aminated metabolite of green tea polyphenol (-)-epigallocatechin-3-gallate which trap deleterious reactive endogenous metabolites. Free Radical Biology and Medicine, 2019, 131, 332-344.	2.9	62
42	Initial microbial community of the neonatal stomach immediately after birth. Gut Microbes, 2019, 10, 289-297.	9.8	11
43	Campylobacter jejuni promotes colorectal tumorigenesis through the action of cytolethal distending toxin. Gut, 2019, 68, 289-300.	12.1	251
44	Microbiota and cancer immunotherapy: in search of microbial signals. Gut, 2019, 68, 385-388.	12.1	90
45	Human colon mucosal biofilms from healthy or colon cancer hosts are carcinogenic. Journal of Clinical Investigation, 2019, 129, 1699-1712.	8.2	145
46	An open source bioinformatic pipeline to decipher how the human milk metabolome protects infants from pediatric obesity. FASEB Journal, 2019, 33, 640.2.	0.5	0
47	Microbiota-Derived Metabolic Factors Reduce Campylobacteriosis in Mice. Gastroenterology, 2018, 154, 1751-1763.e2.	1.3	68
48	Hand-in-hand â€" colorectal cancer metastasizes with microorganisms. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 133-134.	17.8	5
49	Precision medicine using microbiota. Science, 2018, 359, 32-34.	12.6	105
50	Dual-route targeted vaccine protects efficiently against botulinum neurotoxin A complex. Vaccine, 2018, 36, 155-164.	3.8	11
51	Microbial networking in cancer: when two toxins collide. British Journal of Cancer, 2018, 118, 1407-1409.	6.4	11
52	Intestinal microbiota enhances pancreatic carcinogenesis in preclinical models. Carcinogenesis, 2018, 39, 1068-1078.	2.8	140
53	Microbial dysbiosis associated with impaired intestinal Na+/H+ exchange accelerates and exacerbates colitis in ex-germ free mice. Mucosal Immunology, 2018, 11, 1329-1341.	6.0	53
54	Microbiota Phylogenic Analysis Revealed Decreased Abundance of Faecalibacterium Prausnitzii, an Anti-Inflammatory Commensal Bacterium, in Patients with Chronic Graft-Versus-Host Disease. Blood, 2018, 132, 2119-2119.	1.4	3

#	Article	IF	Citations
55	Shortâ€term captopril treatment causes persistently decreased blood pressure associated with longâ€lasting shifts in gut microbiota and improvement in gut pathology. FASEB Journal, 2018, 32, 582.7.	0.5	0
56	Carcinogenesis and therapeutics: the microbiota perspective. Nature Microbiology, 2017, 2, 17008.	13.3	108
57	Locoregional Effects of Microbiota in a Preclinical Model of Colon Carcinogenesis. Cancer Research, 2017, 77, 2620-2632.	0.9	195
58	Workshop Report: Modulation of Antitumor Immune Responses by Dietary and Microbial Metabolites. Journal of the National Cancer Institute, 2017, 109, .	6.3	7
59	ClbM is a versatile, cation-promiscuous MATE transporter found in the colibactin biosynthetic gene cluster. Biochemical and Biophysical Research Communications, 2017, 482, 1233-1239.	2.1	26
60	Human Intestinal Microbiota and Colorectal Cancer: Moving Beyond Associative Studies. Gastroenterology, 2017, 153, 1475-1478.	1.3	15
61	Bacterial snack attack deactivates a drug. Nature, 2017, 550, 337-339.	27.8	5
62	Novel insights into microbiome in colitis and colorectal cancer. Current Opinion in Gastroenterology, 2017, 33, 422-427.	2.3	100
63	The Aryl Hydrocarbon Receptor Preferentially Marks and Promotes Gut Regulatory T Cells. Cell Reports, 2017, 21, 2277-2290.	6.4	130
64	Microbiota as a mediator of cancer progression and therapy. Translational Research, 2017, 179, 139-154.	5.0	57
65	MATE transport of the E. coli-derived genotoxin colibactin. Nature Microbiology, 2016, 1, 15009.	13.3	71
66	Microbiota and host immune responses: a loveâ€“hate relationship. Immunology, 2016, 147, 1-10.	4.4	98
67	Altered intestinal microbiotaâ€“host mitochondria crosstalk in new onset Crohnâ€™s disease. Nature Communications, 2016, 7, 13419.	12.8	326
68	Murine Model of Intestinal Ischemia-reperfusion Injury. Journal of Visualized Experiments, 2016, , .	0.3	24
69	A Rapid Screenable Assay for Compounds That Protect Against Intestinal Injury in Zebrafish Larva. Methods in Molecular Biology, 2016, 1422, 281-293.	0.9	2
70	The Innate Immune Receptor NLRX1 Functions as a Tumor Suppressor by Reducing Colon Tumorigenesis and Key Tumor-Promoting Signals. Cell Reports, 2016, 14, 2562-2575.	6.4	59
71	SCFAs Take a Toll En Route to Metabolic Syndrome. Cell Metabolism, 2015, 22, 954-956.	16.2	14
72	Microbial Activities and Intestinal Homeostasis: A Delicate Balance Between Health and Disease. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 28-40.	4.5	137

#	Article	IF	Citations
73	Inflammasome-independent role of AIM2 in suppressing colon tumorigenesis via DNA-PK and Akt. Nature Medicine, 2015, 21, 906-913.	30.7	230
74	Professor Arlette Darfeuille-Michaud: The Discovery of Adherent-invasive Escherichia coli. Journal of Crohn's and Colitis, 2015, 9, 373-375.	1.3	1
75	The Microbiome and Cancer: Is the â€˜Oncobiomeâ€™ Mirage Real?. Trends in Cancer, 2015, 1, 24-35.	7.4	73
76	Differential Relevance of NF-ÎºB and JNK in the Pathophysiology of Hemorrhage/Resususcitation-Induced Liver Injury after Chronic Ethanol Feeding. PLoS ONE, 2015, 10, e0137875.	2.5	10
77	Chronic Ethanol Feeding Modulates Inflammatory Mediators, Activation of Nuclear Factor-Î°B, and Responsiveness to Endotoxin in Murine Kupffer Cells and Circulating Leukocytes. Mediators of Inflammation, 2014, 2014, 1-16.	3.0	33
78	Commensal microbiota stimulate systemic neutrophil migration through induction of Serum amyloid A. Cellular Microbiology, 2014, 16, 1053-1067.	2.1	91
79	Bugs and Food: A Recipe for Cancer?. Cell Metabolism, 2014, 20, 937-938.	16.2	5
80	Microbial imbalance and intestinal pathologies: connections and contributions. DMM Disease Models and Mechanisms, 2014, 7, 1131-1142.	2.4	83
81	Do bugs define cancer geography?. Journal of Experimental Medicine, 2014, 211, 384-385.	8.5	3
82	Nucleotide-Binding Oligomerization Domainâ€“Containing Protein 2 Controls Host Response to Campylobacter jejuni in Il10â^'/â^' Mice. Journal of Infectious Diseases, 2014, 210, 1145-1154.	4.0	19
83	The Microbiota Protects against Ischemia/Reperfusion-Induced Intestinal Injury through Nucleotide-Binding Oligomerization Domain-Containing Protein 2 (NOD2) Signaling. American Journal of Pathology, 2014, 184, 2965-2975.	3.8	30
84	Gut Commensal Bacteria and Regional Wnt Gene Expression in the Proximal Versus Distal Colon. American Journal of Pathology, 2014, 184, 592-599.	3.8	38
85	Protective mucosal immunity mediated by epithelial CD1d and IL-10. Nature, 2014, 509, 497-502.	27.8	172
86	From promotion to management: The wide impact of bacteria on cancer and its treatment. BioEssays, 2014, 36, 658-664.	2.5	10
87	GPR109a: The Missing Link between Microbiome and Good Health?. Immunity, 2014, 40, 8-10.	14.3	33
88	Microbial-Derived Butyrate: An Oncometabolite or Tumor-Suppressive Metabolite?. Cell Host and Microbe, 2014, 16, 143-145.	11.0	73
89	Microbial genomic analysis reveals the essential role of inflammation in bacteria-induced colorectal cancer. Nature Communications, 2014, 5, 4724.	12.8	302
90	Fusobacterium and Enterobacteriaceae: Important players for CRC?. Immunology Letters, 2014, 162, 54-61.	2.5	119

#	Article	IF	Citations
91	Zebrafish glafenine-intestinal injury is ameliorated by mu-opioid signaling via enhancement of Atf6-dependent cellular stress responses. DMM Disease Models and Mechanisms, 2013, 6, 146-59.	2.4	28
92	Stochastic changes over time and not founder effects drive cage effects in microbial community assembly in a mouse model. ISME Journal, 2013, 7, 2116-2125.	9.8	194
93	The microbiome and cancer. Nature Reviews Cancer, 2013, 13, 800-812.	28.4	1,338
94	Intestinal Epithelial Cellâ€"Derived Î¼-Opioid Signaling Protects against Ischemia Reperfusion Injury through PI3K Signaling. American Journal of Pathology, 2013, 182, 776-785.	3.8	34
95	VSL#3 probiotic modifies mucosal microbial composition but does not reduce colitis-associated colorectal cancer. Scientific Reports, 2013, 3, 2868.	3.3	95
96	Diet, Microbiome, and the Intestinal Epithelium: An Essential Triumvirate?. BioMed Research International, 2013, 2013, 1-12.	1.9	43
97	Colorectal Cancer: Looking for Answers in the Microbiota. Cancer Discovery, 2013, 3, 384-387.	9.4	68
98	Epithelial Cell-Specific MyD88 Signaling Mediates Ischemia/Reperfusion-induced Intestinal Injury Independent of Microbial Status. Inflammatory Bowel Diseases, 2013, 19, 2857-2866.	1.9	12
99	The complex interplay between inflammation, the microbiota and colorectal cancer. Gut Microbes, 2013, 4, 253-258.	9.8	75
100	Phosphatidylinositol 3-Kinase-Î³ Signaling Promotes Campylobacter jejuniâ€"Induced Colitis through Neutrophil Recruitment in Mice. Journal of Immunology, 2013, 190, 357-365.	0.8	44
101	Regional Wnt signatures in the colon and the influence of commensal bacteria. FASEB Journal, 2013, 27, 131.5.	0.5	0
102	Intestinal Inflammation Targets Cancer-Inducing Activity of the Microbiota. Science, 2012, 338, 120-123.	12.6	1,785
103	Campylobacter jejuni Induces Colitis Through Activation of Mammalian Target of Rapamycin Signaling. Gastroenterology, 2012, 142, 86-95.e5.	1.3	75
104	Metabolism of black tea theaflavins by gut microbiota. FASEB Journal, 2012, 26, 124.4.	0.5	0
105	Gut microbiota and probiotics in colon tumorigenesis. Cancer Letters, 2011, 309, 119-127.	7.2	184
106	Gut microbial diversity is reduced by the probiotic VSL#3 and correlates with decreased TNBS-induced colitis. Inflammatory Bowel Diseases, 2011, 17, 289-297.	1.9	89
107	The NLRP3 inflammasome functions as a negative regulator of tumorigenesis during colitis-associated cancer. Journal of Experimental Medicine, 2010, 207, 1045-1056.	8.5	689
108	Probiotics and Ileitis. Gut Microbes, 2010, 1, 196-199.	9.8	21

#	Article	IF	Citations
109	Tomato Lycopene Extract Prevents Lipopolysaccharide-Induced NF-ÎºB Signaling but Worsens Dextran Sulfate Sodium-Induced Colitis in NF-ÎºBEGFP Mice. PLoS ONE, 2009, 4, e4562.	2.5	59
110	Modulation of the Intestinal Microbiota Alters Colitis-Associated Colorectal Cancer Susceptibility. PLoS ONE, 2009, 4, e6026.	2.5	376
111	Gnotobiotic IL-10â^'/â^'; NF-ÎºBEGFP Mice Develop Rapid and Severe Colitis Following Campylobacter jejuni Infection. PLoS ONE, 2009, 4, e7413.	2.5	50
112	Nf-ÎºB signaling cascade and IBD: Turn it down?. Inflammatory Bowel Diseases, 2008, 14, S108-S109.	1.9	5
113	Regulation and functional impact of lipopolysaccharide induced Nod2 gene expression in the murine epididymal epithelial cell line PC1. Immunology, 2008, 124, 256-264.	4.4	21
114	Gnotobiotic IL-10â^'/â^';NF-ÎºBEGFP Mice Reveal the Critical Role of TLR/NF-ÎºB Signaling in Commensal Bacteria-Induced Colitis. Journal of Immunology, 2007, 178, 6522-6532.	0.8	109
115	In Vivo Pattern of Lipopolysaccharide and Anti-CD3-Induced NF-ÎºB Activation Using a Novel Gene-Targeted Enhanced GFP Reporter Gene Mouse. Journal of Immunology, 2004, 173, 1561-1570.	0.8	102
116	Inhibition of NF?B in activated rat hepatic stellate cells by proteasome inhibitors and an I?B super-repressor. Hepatology, 1998, 27, 1285-1295.	7.3	170
117	Differential effects of cell density on 5-lipoxygenase (5-LO), five-lipoxygenase-activating protein (FLAP) and interleukin-1 beta (IL-1 beta) expression in human neutrophils. Inflammation, 1997, 21, 235-250.	3.8	15