

# Christopher M Taylor

## List of Publications by Year in descending order

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80  
papers

13,371  
citations

136940

32  
h-index

82542

72  
g-index

83  
all docs

83  
docs citations

83  
times ranked

21288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. <i>Nature</i> , 2007, 447, 799-816.	27.8	4,709
2	PICRUSt2 for prediction of metagenome functions. <i>Nature Biotechnology</i> , 2020, 38, 685-688.	17.5	2,621
3	The ENCODE (ENCyclopedia Of DNA Elements) Project. <i>Science</i> , 2004, 306, 636-640.	12.6	2,121
4	Obese-type Gut Microbiota Induce Neurobehavioral Changes in the Absence of Obesity. <i>Biological Psychiatry</i> , 2015, 77, 607-615.	1.3	421
5	Exploring the Diversity of <i>Gardnerella vaginalis</i> in the Genitourinary Tract Microbiota of Monogamous Couples Through Subtle Nucleotide Variation. <i>PLoS ONE</i> , 2011, 6, e26732.	2.5	172
6	Microbial Contamination in Next Generation Sequencing: Implications for Sequence-Based Analysis of Clinical Samples. <i>PLoS Pathogens</i> , 2014, 10, e1004437.	4.7	159
7	Biological Aging and the Human Gut Microbiota. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1474-1482.	3.6	159
8	An Updated Conceptual Model on the Pathogenesis of Bacterial Vaginosis. <i>Journal of Infectious Diseases</i> , 2019, 220, 1399-1405.	4.0	154
9	Genomic Study of Replication Initiation in Human Chromosomes Reveals the Influence of Transcription Regulation and Chromatin Structure on Origin Selection. <i>Molecular Biology of the Cell</i> , 2010, 21, 393-404.	2.1	151
10	Differences in Gastric Carcinoma Microenvironment Stratify According to EBV Infection Intensity: Implications for Possible Immune Adjuvant Therapy. <i>PLoS Pathogens</i> , 2013, 9, e1003341.	4.7	140
11	Resetting microbiota by <i>Lactobacillus reuteri</i> inhibits T reg deficiency-induced autoimmunity via adenosine A2A receptors. <i>Journal of Experimental Medicine</i> , 2017, 214, 107-123.	8.5	136
12	Bacterial communities in penile skin, male urethra, and vaginas of heterosexual couples with and without bacterial vaginosis. <i>Microbiome</i> , 2016, 4, 16.	11.1	124
13	<i>Lactobacillus reuteri</i> Reduces the Severity of Experimental Autoimmune Encephalomyelitis in Mice by Modulating Gut Microbiota. <i>Frontiers in Immunology</i> , 2019, 10, 385.	4.8	109
14	Bacterial diversity and Clostridia abundance decrease with increasing severity of necrotizing enterocolitis. <i>Microbiome</i> , 2015, 3, 11.	11.1	107
15	Whole-Genome Sequencing of the Akata and Mutu Epstein-Barr Virus Strains. <i>Journal of Virology</i> , 2013, 87, 1172-1182.	3.4	98
16	Pan-S replication patterns and chromosomal domains defined by genome-tiling arrays of ENCODE genomic areas. <i>Genome Research</i> , 2007, 17, 865-876.	5.5	94
17	Histamine Receptor Blockers Alter the Fecal Microbiota in Premature Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013, 56, 397-400.	1.8	94
18	Intestinal microbiota in pediatric patients with end stage renal disease: a Midwest Pediatric Nephrology Consortium study. <i>Microbiome</i> , 2016, 4, 50.	11.1	87

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19	Changes in the gut microbial communities following addition of walnuts to the diet. <i>Journal of Nutritional Biochemistry</i> , 2017, 48, 94-102.	4.2	79
20	Identification of Key Bacteria Involved in the Induction of Incident Bacterial Vaginosis: A Prospective Study. <i>Journal of Infectious Diseases</i> , 2018, 218, 966-978.	4.0	70
21	Infant Colic Represents Gut Inflammation and Dysbiosis. <i>Journal of Pediatrics</i> , 2018, 203, 55-61.e3.	1.8	61
22	A comprehensive next generation sequencing-based virome assessment in brain tissue suggests no major virus - tumor association. <i>Acta Neuropathologica Communications</i> , 2016, 4, 71.	5.2	57
23	Alcohol-associated intestinal dysbiosis impairs pulmonary host defense against <i>Klebsiella pneumoniae</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006426.	4.7	54
24	Transcriptome and targetome analysis in MIR155 expressing cells using RNA-seq. <i>Rna</i> , 2010, 16, 1610-1622.	3.5	53
25	<i>Lactobacillus reuteri</i> for Infants with Colic: A Double-Blind, Placebo-Controlled, Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2017, 191, 170-178.e2.	1.8	50
26	<i>Lactobacillus reuteri</i> DSM 17938 feeding of healthy newborn mice regulates immune responses while modulating gut microbiota and boosting beneficial metabolites. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G824-G838.	3.4	50
27	Assessing the spatial and temporal variability of bacterial communities in two Bardenpho wastewater treatment systems via Illumina MiSeq sequencing. <i>Science of the Total Environment</i> , 2019, 657, 1543-1552.	8.0	49
28	Preferential star strand biogenesis of pre-miR-24-2 targets PKC $\alpha$ and suppresses cell survival in MCF-7 breast cancer cells. <i>Molecular Carcinogenesis</i> , 2014, 53, 38-48.	2.7	45
29	Quantitative and Qualitative RNA-Seq-Based Evaluation of Epstein-Barr Virus Transcription in Type I Latency Burkitt's Lymphoma Cells. <i>Journal of Virology</i> , 2010, 84, 13053-13058.	3.4	43
30	RNA CoMPASS: A Dual Approach for Pathogen and Host Transcriptome Analysis of RNA-Seq Datasets. <i>PLoS ONE</i> , 2014, 9, e89445.	2.5	38
31	Comparative genome-wide analysis of extracellular small RNAs from the mucormycosis pathogen <i>Rhizopus delemar</i> . <i>Scientific Reports</i> , 2018, 8, 5243.	3.3	38
32	Epstein-Barr Virus and Human Herpesvirus 6 Detection in a Non-Hodgkin's Diffuse Large B-Cell Lymphoma Cohort by Using RNA Sequencing. <i>Journal of Virology</i> , 2013, 87, 13059-13062.	3.4	35
33	Obese ZDF rats fermented resistant starch with effects on gut microbiota but no reduction in abdominal fat. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1501025.	3.3	35
34	In Silico and Experimental Evaluation of Primer Sets for Species-Level Resolution of the Vaginal Microbiota Using 16S Ribosomal RNA Gene Sequencing. <i>Journal of Infectious Diseases</i> , 2019, 219, 305-314.	4.0	33
35	Isoform-level microRNA-155 target prediction using RNA-seq. <i>Nucleic Acids Research</i> , 2011, 39, e61-e61.	14.5	27
36	Detection of Murine Leukemia Virus in the Epstein-Barr Virus-Positive Human B-Cell Line JY, Using a Computational RNA-Seq-Based Exogenous Agent Detection Pipeline, PARSES. <i>Journal of Virology</i> , 2012, 86, 2970-2977.	3.4	27

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37	Analysis of the intestinal microbial community and inferred functional capacities during the host response to <i>Pneumocystis</i> pneumonia. <i>Experimental Lung Research</i> , 2016, 42, 425-439.	1.2	26
38	CD Obesity-Prone Rats, but not Obesity-Resistant Rats, Robustly Ferment Resistant Starch Without Increased Weight or Fat Accretion. <i>Obesity</i> , 2018, 26, 570-577.	3.0	26
39	Aluminum-induced generation of lipopolysaccharide (LPS) from the human gastrointestinal (GI)-tract microbiome-resident <i>Bacteroides fragilis</i> . <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110886.	3.5	25
40	NLRP6 modulates neutrophil homeostasis in bacterial pneumonia-derived sepsis. <i>Mucosal Immunology</i> , 2021, 14, 574-584.	6.0	25
41	Nuclear Scaffold Attachment Sites within ENCODE Regions Associate with Actively Transcribed Genes. <i>PLoS ONE</i> , 2011, 6, e17912.	2.5	23
42	Antibiotic-modulated microbiome suppresses lethal inflammation and prolongs lifespan in Treg-deficient mice. <i>Microbiome</i> , 2019, 7, 145.	11.1	20
43	Lifetime alcohol use among persons living with HIV is associated with frailty. <i>Aids</i> , 2020, 34, 245-254.	2.2	19
44	Alcohol consumption increases susceptibility to pneumococcal pneumonia in a humanized murine HIV model mediated by intestinal dysbiosis. <i>Alcohol</i> , 2019, 80, 33-43.	1.7	18
45	Deficiency of BrpA in <i>Streptococcus mutans</i> reduces virulence in rat caries model. <i>Molecular Oral Microbiology</i> , 2018, 33, 353-363.	2.7	17
46	Intestinal Microbial Products From Alcohol-Fed Mice Contribute to Intestinal Permeability and Peripheral Immune Activation. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 2122-2133.	2.4	17
47	<i>Limosilactobacillus reuteri</i> and <i>Lactisacibacillus rhamnosus GG</i> differentially affect gut microbes and metabolites in mice with Treg deficiency. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G969-G981.	3.4	16
48	Host innate and adaptive immunity shapes the gut microbiota biogeography. <i>Microbiology and Immunology</i> , 2022, 66, 330-341.	1.4	16
49	Oral Immunization of Mice with Live <i>Pneumocystis murina</i> Protects against <i>Pneumocystis</i> Pneumonia. <i>Journal of Immunology</i> , 2016, 196, 2655-2665.	0.8	15
50	Pulmonary immune cell trafficking promotes host defense against alcohol-associated <i>Klebsiella</i> pneumonia. <i>Communications Biology</i> , 2021, 4, 997.	4.4	15
51	Gut Microbiota Composition and Predicted Microbial Metabolic Pathways of Obesity Prone and Obesity Resistant Outbred Sprague-Dawley CD Rats May Account for Differences in Their Phenotype. <i>Frontiers in Nutrition</i> , 2021, 8, 746515.	3.7	14
52	Differences in the Genital Microbiota in Women Who Naturally Clear <i>Chlamydia trachomatis</i> Infection Compared to Women Who Do Not Clear; A Pilot Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 615770.	3.9	13
53	Comparative transcriptomic analysis reveals the oncogenic fusion protein PAX3-FOXO1 globally alters mRNA and miRNA to enhance myoblast invasion. <i>Oncogenesis</i> , 2016, 5, e246-e246.	4.9	11
54	Impact of probiotic <i>Limosilactobacillus reuteri</i> DSM 17938 on amino acid metabolism in the healthy newborn mouse. <i>Amino Acids</i> , 2022, 54, 1383-1401.	2.7	10

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55	Artemisia supplementation differentially affects the mucosal and luminal ileal microbiota of diet-induced obese mice. <i>Nutrition</i> , 2014, 30, S26-S30.	2.4	9
56	Molecular detection of opportunistic pathogens and insights into microbial diversity in private well water and premise plumbing. <i>Journal of Water and Health</i> , 2020, 18, 820-834.	2.6	9
57	Alcohol-associated intestinal dysbiosis alters mucosal-associated invariant T cell phenotype and function. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 934-947.	2.4	9
58	Trait Energy and Fatigue May Be Connected to Gut Bacteria among Young Physically Active Adults: An Exploratory Study. <i>Nutrients</i> , 2022, 14, 466.	4.1	9
59	The respiratory tract microbial biogeography in alcohol use disorder. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L107-L117.	2.9	8
60	Alcohol Use Is Associated With Intestinal Dysbiosis and Dysfunctional CD8+ T-Cell Phenotypes in Persons With Human Immunodeficiency Virus. <i>Journal of Infectious Diseases</i> , 2021, 223, 1029-1039.	4.0	8
61	Microarray Analysis of DNA Replication Timing. <i>Methods in Molecular Biology</i> , 2009, 556, 191-203.	0.9	8
62	A FRAMEWORK FOR ANALYSIS OF METAGENOMIC SEQUENCING DATA. , 2010, , 131-141.		7
63	Potential role of gut microbiota, the proto-oncogene PIKE (Agap2) and cytochrome P450 CYP2W1 in promotion of liver cancer by alcoholic and nonalcoholic fatty liver disease and protection by dietary soy protein. <i>Chemico-Biological Interactions</i> , 2020, 325, 109131.	4.0	7
64	Sex-Dependent Effects of Inhaled Nicotine on the Gut Microbiome. <i>Nicotine and Tobacco Research</i> , 2022, 24, 1363-1370.	2.6	7
65	Reply to: High-Fat Diet-Induced Dysbiosis as a Cause of Neuroinflammation. <i>Biological Psychiatry</i> , 2016, 80, e5-e6.	1.3	5
66	Acquisition of an oncogenic fusion protein serves as an initial driving mutation by inducing aneuploidy and overriding proliferative defects. <i>Oncotarget</i> , 2016, 7, 62814-62835.	1.8	5
67	Resistant starch type 2 and whole grain maize flours enrich different intestinal bacteria and metatranscriptomes. <i>Journal of Functional Foods</i> , 2022, 90, 104982.	3.4	4
68	<i>Mycoplasma</i> decontamination in <i>Chlamydia trachomatis</i> culture: a curative approach. <i>Pathogens and Disease</i> , 2022, 79, .	2.0	4
69	Walnut Consumption Changes the Relative Abundance of Bacteroidetes and Firmicutes in the Gut. <i>FASEB Journal</i> , 2015, 29, 1006.1.	0.5	2
70	Gut Microbiome and Metabolome Variations in Self-Identified Muscle Builders Who Report Using Protein Supplements. <i>Nutrients</i> , 2022, 14, 533.	4.1	2
71	Sa1133 Lactobacillus Reuteri Dsm 17938 Feeding of Healthy Newborn Mice Regulates Immune Responses While Modulating Gut Microbiota and Their Associated Metabolites. <i>Gastroenterology</i> , 2019, 156, S-279.	1.3	1
72	F-statistics algorithm for gene clustering evaluation. , 2010, , .		0

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73	Obesity Alters Gut Microbiota In An Elderly Human Cohort. , 2012, , .		0
74	GE-33 * A COMPREHENSIVE ASSESSMENT OF VIRAL TRANSCRIPTS IN DNA- AND RNA-SEQ DATASETS FROM HIGH-GRADE GLIOMAS REVEALS NO ASSOCIATION. Neuro-Oncology, 2014, 16, v103-v103.	1.2	0
75	Tu2023 Impact of Oral Feeding Lactobacillus reuteri DSM17938 on Microbial Composition of Feces and CD62L+T Cells in Intestinal Mucosa of Healthy Breast-Fed Mouse Pups. Gastroenterology, 2016, 150, S1008.	1.3	0
76	Remodeling Gut Microbiota by Lactobacillus Reuteri DSM 17938 Suppresses Autoimmunity Induced by Treg Deficiency. Gastroenterology, 2017, 152, S213.	1.3	0
77	2262. Journal of Clinical and Translational Science, 2017, 1, 4-5.	0.6	0
78	1015 “ Probiotics Differentially Affect the Gut Microbial Community and Its Associated Metabolites in Mice with Treg-Deficiency. Gastroenterology, 2019, 156, S-220.	1.3	0
79	The genomics of DNA replication of human chromosomes. FASEB Journal, 2009, 23, 78.1.	0.5	0
80	Abstract 2013: The PAX3-FOXO1 oncogene drives aneuploidy and overrides aneuploidy-associated proliferative defects in alveolar rhabdomyosarcoma. , 2016, , .		0