

Paul J Mcmurdie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1858789/publications.pdf>

Version: 2024-02-01

25
papers

41,254
citations

361413

20
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

39219
citing authors

#	ARTICLE	IF	CITATIONS
1	DADA2: High-resolution sample inference from Illumina amplicon data. <i>Nature Methods</i> , 2016, 13, 581-583.	19.0	18,691
2	phyloseq: An R Package for Reproducible Interactive Analysis and Graphics of Microbiome Census Data. <i>PLoS ONE</i> , 2013, 8, e61217.	2.5	13,960
3	Exact sequence variants should replace operational taxonomic units in marker-gene data analysis. <i>ISME Journal</i> , 2017, 11, 2639-2643.	9.8	2,357
4	Waste Not, Want Not: Why Rarefying Microbiome Data Is Inadmissible. <i>PLoS Computational Biology</i> , 2014, 10, e1003531.	3.2	2,343
5	Temporal and spatial variation of the human microbiota during pregnancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11060-11065.	7.1	876
6	Bioconductor Workflow for Microbiome Data Analysis: from raw reads to community analyses. <i>F1000Research</i> , 2016, 5, 1492.	1.6	664
7	Advancing Our Understanding of the Human Microbiome Using QIIME. <i>Methods in Enzymology</i> , 2013, 531, 371-444.	1.0	553
8	Bioconductor workflow for microbiome data analysis: from raw reads to community analyses. <i>F1000Research</i> , 2016, 5, 1492.	1.6	466
9	Colonic microbiota is associated with inflammation and host epigenomic alterations in inflammatory bowel disease. <i>Nature Communications</i> , 2020, 11, 1512.	12.8	167
10	Localized Plasticity in the Streamlined Genomes of Vinyl Chloride Respiring Dehalococcoides. <i>PLoS Genetics</i> , 2009, 5, e1000714.	3.5	162
11	Leveraging sequence-based faecal microbial community survey data to identify a composite biomarker for colorectal cancer. <i>Gut</i> , 2018, 67, 882-891.	12.1	159
12	Butyrate-producing human gut symbiont, <i>Clostridium butyricum</i> , and its role in health and disease. <i>Gut Microbes</i> , 2021, 13, 1-28.	9.8	157
13	Monitoring Abundance and Expression of <i>Dehalococcoides</i> Species Chloroethene-Reductive Dehalogenases in a Tetrachloroethene-Dechlorinating Flow Column. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5695-5703.	3.1	133
14	Shiny-phyloseq: Web application for interactive microbiome analysis with provenance tracking. <i>Bioinformatics</i> , 2015, 31, 282-283.	4.1	131
15	Phyloseq: a bioconductor package for handling and analysis of high-throughput phylogenetic sequence data. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2012, , 235-46.	0.7	84
16	Improvements to postprandial glucose control in subjects with type 2 diabetes: a multicenter, double blind, randomized placebo-controlled trial of a novel probiotic formulation. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001319.	2.8	79
17	Site-Specific Mobilization of Vinyl Chloride Respiration Islands by a Mechanism Common in Dehalococcoides. <i>BMC Genomics</i> , 2011, 12, 287.	2.8	55
18	Hydrogen production in photosynthetic microbial mats in the Elkhorn Slough estuary, Monterey Bay. <i>ISME Journal</i> , 2012, 6, 863-874.	9.8	48

#	ARTICLE	IF	CITATIONS
19	PHYLOSEQ: A BIOCONDUCTOR PACKAGE FOR HANDLING AND ANALYSIS OF HIGH-THROUGHPUT PHYLOGENETIC SEQUENCE DATA. , 2011, , .		45
20	COMPARISONS OF DISTANCE METHODS FOR COMBINING COVARIATES AND ABUNDANCES IN MICROBIOME STUDIES. , 2011, , .		29
21	Unusual Codon Bias in Vinyl Chloride Reductase Genes of Dehalococcoides Species. Applied and Environmental Microbiology, 2007, 73, 2744-2747.	3.1	25
22	Comparisons of distance methods for combining covariates and abundances in microbiome studies. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2012, , 213-24.	0.7	24
23	Increased circulating butyrate and ursodeoxycholate during probiotic intervention in humans with type 2 diabetes. BMC Microbiology, 2022, 22, 19.	3.3	14
24	Normalization of Microbiome Profiling Data. Methods in Molecular Biology, 2018, 1849, 143-168.	0.9	10
25	758-P: Medical Food (MF) with Butyrate Producing (BP)+Mucin Regulating (MR) Microbes Improves Glucose Control (GC) in T2D. Diabetes, 2019, 68, 758-P.	0.6	0