

Benjamin J Callahan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6583634/publications.pdf>

Version: 2024-02-01

31
papers

37,117
citations

430754

18
h-index

580701

25
g-index

37
all docs

37
docs citations

37
times ranked

33348
citing authors

#	ARTICLE	IF	CITATIONS
1	DADA2: High-resolution sample inference from Illumina amplicon data. <i>Nature Methods</i> , 2016, 13, 581-583.	9.0	18,691
2	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. <i>Nature Biotechnology</i> , 2019, 37, 852-857.	9.4	11,167
3	Exact sequence variants should replace operational taxonomic units in marker-gene data analysis. <i>ISME Journal</i> , 2017, 11, 2639-2643.	4.4	2,357
4	Simple statistical identification and removal of contaminant sequences in marker-gene and metagenomics data. <i>Microbiome</i> , 2018, 6, 226.	4.9	1,729
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.	3.3	876
6	High-throughput amplicon sequencing of the full-length 16S rRNA gene with single-nucleotide resolution. <i>Nucleic Acids Research</i> , 2019, 47, e103-e103.	6.5	349
7	Replication and refinement of a vaginal microbial signature of preterm birth in two racially distinct cohorts of US women. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9966-9971.	3.3	297
8	Consistent and correctable bias in metagenomic sequencing experiments. <i>ELife</i> , 2019, 8, .	2.8	263
9	Marine mammals harbor unique microbiotas shaped by and yet distinct from the sea. <i>Nature Communications</i> , 2016, 7, 10516.	5.8	196
10	Multimomics modeling of the immunome, transcriptome, microbiome, proteome and metabolome adaptations during human pregnancy. <i>Bioinformatics</i> , 2019, 35, 95-103.	1.8	162
11	Denoising PCR-amplified metagenome data. <i>BMC Bioinformatics</i> , 2012, 13, 283.	1.2	85
12	Perspectives and Benefits of High-Throughput Long-Read Sequencing in Microbial Ecology. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0062621.	1.4	80
13	Pathogen resistance may be the principal evolutionary advantage provided by the microbiome. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190592.	1.8	62
14	Ultra-accurate microbial amplicon sequencing with synthetic long reads. <i>Microbiome</i> , 2021, 9, 130.	4.9	53
15	Correlated Evolution of Nearby Residues in Drosophilid Proteins. <i>PLoS Genetics</i> , 2011, 7, e1001315.	1.5	48
16	Rapid evolution of adaptive niche construction in experimental microbial populations. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3307-3316.	1.1	41
17	The role of the microbiome in host evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190588.	1.8	32
18	Ceftiofur formulation differentially affects the intestinal drug concentration, resistance of fecal <i>Escherichia coli</i> , and the microbiome of steers. <i>PLoS ONE</i> , 2019, 14, e0223378.	1.1	21

#	ARTICLE	IF	CITATIONS
19	Understanding and interpreting community sequencing measurements of the vaginal microbiome. BJOG: an International Journal of Obstetrics and Gynaecology, 2020, 127, 139-146.	1.1	18
20	1,2-Dichloroethane Exposure Alters the Population Structure, Metabolism, and Kinetics of a Trichloroethene-Dechlorinating <i>Dehalococcoides mccartyi</i> Consortium. Environmental Science & Technology, 2016, 50, 12187-12196.	4.6	16
21	Dosing Regimen of Enrofloxacin Impacts Intestinal Pharmacokinetics and the Fecal Microbiota in Steers. Frontiers in Microbiology, 2018, 9, 2190.	1.5	14
22	Evaluation of fecal Lactobacillus populations in dogs with idiopathic epilepsy: a pilot study. Animal Microbiome, 2020, 2, .	1.5	13
23	In Nature, There Is Only Diversity. MBio, 2018, 9, .	1.8	11
24	Clostridioides difficile carriage in animals and the associated changes in the host fecal microbiota. Anaerobe, 2020, 66, 102279.	1.0	8
25	The length scale of selection in protein evolution. Fly, 2012, 6, 16-20.	0.9	0
26	Title is missing!. , 2019, 14, e0223378.		0
27	Title is missing!. , 2019, 14, e0223378.		0
28	Title is missing!. , 2019, 14, e0223378.		0
29	Title is missing!. , 2019, 14, e0223378.		0
30	Title is missing!. , 2019, 14, e0223378.		0
31	Title is missing!. , 2019, 14, e0223378.		0