

Gavin M Douglas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/78777/publications.pdf>

Version: 2024-02-01

24
papers

18,017
citations

430874
18
h-index

580821
25
g-index

34
all docs

34
docs citations

34
times ranked

19987
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducible, interactive, scalable and extensible microbiome data science using QIIME 2. Nature Biotechnology, 2019, 37, 852-857.	17.5	11,167
2	PICRUSt2 for prediction of metagenome functions. Nature Biotechnology, 2020, 38, 685-688.	17.5	2,621
3	The human tumor microbiome is composed of tumor type-specific intracellular bacteria. Science, 2020, 368, 973-980.	12.6	1,077
4	Enhancement of the gut barrier integrity by a microbial metabolite through the Nrf2 pathway. Nature Communications, 2019, 10, 89.	12.8	420
5	Microbiome differential abundance methods produce different results across 38 datasets. Nature Communications, 2022, 13, 342.	12.8	286
6	Denoising the Denoisers: an independent evaluation of microbiome sequence error-correction approaches. PeerJ, 2018, 6, e5364.	2.0	278
7	Predicting the Functional Potential of the Microbiome from Marker Genes Using PICRUSt. Methods in Molecular Biology, 2018, 1849, 169-177.	0.9	155
8	Hybrid origins and the earliest stages of diploidization in the highly successful recent polyploid <i>Capsella bursa-pastoris</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2806-2811.	7.1	128
9	Multi-omics differentially classify disease state and treatment outcome in pediatric Crohn's disease. Microbiome, 2018, 6, 13.	11.1	94
10	Current and Promising Approaches to Identify Horizontal Gene Transfer Events in Metagenomes. Genome Biology and Evolution, 2019, 11, 2750-2766.	2.5	70
11	A Genome-Wide Association Study of Apple Quality and Scab Resistance. Plant Genome, 2018, 11, 170075.	2.8	61
12	Dissecting Community Structure in Wild Blueberry Root and Soil Microbiome. Frontiers in Microbiology, 2018, 9, 1187.	3.5	56
13	Variation in Bacterial and Eukaryotic Communities Associated with Natural and Managed Wild Blueberry Habitats. Phytobiomes Journal, 2017, 1, 102-113.	2.7	47
14	Prediction of Cacao (<i>Theobroma cacao</i>) Resistance to <i>Moniliophthora</i> spp. Diseases via Genome-Wide Association Analysis and Genomic Selection. Frontiers in Plant Science, 2018, 9, 343.	3.6	43
15	The coupling of taxonomy and function in microbiomes. Biology and Philosophy, 2017, 32, 1225-1243.	1.4	36
16	Metagenomic Functional Shifts to Plant Induced Environmental Changes. Frontiers in Microbiology, 2019, 10, 1682.	3.5	28
17	Polymorphism Analysis Reveals Reduced Negative Selection and Elevated Rate of Insertions and Deletions in Intrinsically Disordered Protein Regions. Genome Biology and Evolution, 2015, 7, 1815-1826.	2.5	27
18	Re-evaluating the relationship between missing heritability and the microbiome. Microbiome, 2020, 8, 87.	11.1	17

#	ARTICLE	IF	CITATIONS
19	Genic Selection Within Prokaryotic Pangenomes. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	10
20	Transcriptomic profiling of <i>Brassica napus</i> responses to <i>Pseudomonas aeruginosa</i> . <i>Innate Immunity</i> , 2021, 27, 143-157.	2.4	6
21	A primer and discussion on DNA-based microbiome data and related bioinformatics analyses. , 0, 1, .		6
22	Processing a 16S rRNA Sequencing Dataset with the Microbiome Helper Workflow. <i>Methods in Molecular Biology</i> , 2018, 1849, 131-141.	0.9	5
23	Detection of <i>Helicobacter pylori</i> Microevolution and Multiple Infection from Gastric Biopsies by Housekeeping Gene Amplicon Sequencing. <i>Pathogens</i> , 2020, 9, 97.	2.8	2
24	Decreased Transcription Factor Binding Levels Nearby Primate Pseudogenes Suggest Regulatory Degeneration. <i>Molecular Biology and Evolution</i> , 2016, 33, 1478-1485.	8.9	1