

George Armstrong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2903273/publications.pdf>

Version: 2024-02-01

10
papers

261
citations

1477746

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h-index

1473754

9
g-index

12
all docs

12
docs citations

12
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Context-aware dimensionality reduction deconvolutes gut microbial community dynamics. Nature Biotechnology, 2021, 39, 165-168.	9.4	61
2	SARS-CoV-2 detection status associates with bacterial community composition in patients and the hospital environment. Microbiome, 2021, 9, 132.	4.9	37
3	EMPress Enables Tree-Guided, Interactive, and Exploratory Analyses of Multi-omic Data Sets. MSystems, 2021, 6, .	1.7	36
4	Phylogeny-Aware Analysis of Metagenome Community Ecology Based on Matched Reference Genomes while Bypassing Taxonomy. MSystems, 2022, 7, e0016722.	1.7	35
5	Uniform Manifold Approximation and Projection (UMAP) Reveals Composite Patterns and Resolves Visualization Artifacts in Microbiome Data. MSystems, 2021, 6, e0069121.	1.7	27
6	Efficient computation of Faith's phylogenetic diversity with applications in characterizing microbiomes. Genome Research, 2021, 31, 2131-2137.	2.4	16
7	Applications and Comparison of Dimensionality Reduction Methods for Microbiome Data. Frontiers in Bioinformatics, 2022, 2, .	1.0	10
8	Compositionally Aware Phylogenetic Beta-Diversity Measures Better Resolve Microbiomes Associated with Phenotype. MSystems, 2022, 7, e0005022.	1.7	4
9	Swapping Metagenomics Preprocessing Pipeline Components Offers Speed and Sensitivity Increases. MSystems, 2022, 7, e0137821.	1.7	3
10	Optimizing UniFrac with OpenACC Yields Greater Than One Thousand Times Speed Increase. MSystems, 2022, 7, .	1.7	2