

# Cameron Martino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2076118/publications.pdf>

Version: 2024-02-01

27  
papers

2,304  
citations

394421  
19  
h-index

526287  
27  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4277  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications and Comparison of Dimensionality Reduction Methods for Microbiome Data. <i>Frontiers in Bioinformatics</i> , 2022, 2, .	2.1	10
2	Swapping Metagenomics Preprocessing Pipeline Components Offers Speed and Sensitivity Increases. <i>MSystems</i> , 2022, 7, e0137821.	3.8	3
3	Early microbial markers of periodontal and cardiometabolic diseases in ORIGINS. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 30.	6.4	7
4	Compositionally Aware Phylogenetic Beta-Diversity Measures Better Resolve Microbiomes Associated with Phenotype. <i>MSystems</i> , 2022, 7, e0005022.	3.8	4
5	A comparison of six DNA extraction protocols for 16S, ITS, and shotgun metagenomic sequencing of microbial communities. <i>BioTechniques</i> , 2022, 73, 34-46.	1.8	25
6	Context-aware deconvolution of cell-cell communication with Tensor-cell2cell. <i>Nature Communications</i> , 2022, 13, .	12.8	32
7	Diet and feeding pattern modulate diurnal dynamics of the ileal microbiome and transcriptome. <i>Cell Reports</i> , 2022, 40, 111008.	6.4	32
8	Enhancing untargeted metabolomics using metadata-based source annotation. <i>Nature Biotechnology</i> , 2022, 40, 1774-1779.	17.5	25
9	Context-aware dimensionality reduction deconvolutes gut microbial community dynamics. <i>Nature Biotechnology</i> , 2021, 39, 165-168.	17.5	61
10	A comparison of DNA/RNA extraction protocols for high-throughput sequencing of microbial communities. <i>BioTechniques</i> , 2021, 70, 149-159.	1.8	17
11	Assessment of the microbiome during bacteriophage therapy in combination with systemic antibiotics to treat a case of staphylococcal device infection. <i>Microbiome</i> , 2021, 9, 92.	11.1	40
12	Influence of Intermittent Hypoxia/Hypercapnia on Atherosclerosis, Gut Microbiome, and Metabolome. <i>Frontiers in Physiology</i> , 2021, 12, 663950.	2.8	20
13	EMPress Enables Tree-Guided, Interactive, and Exploratory Analyses of Multi-omic Data Sets. <i>MSystems</i> , 2021, 6, .	3.8	36
14	Intermittent Hypoxia and Hypercapnia Alter Diurnal Rhythms of Luminal Gut Microbiome and Metabolome. <i>MSystems</i> , 2021, 6, e0011621.	3.8	27
15	SARS-CoV-2 detection status associates with bacterial community composition in patients and the hospital environment. <i>Microbiome</i> , 2021, 9, 132.	11.1	37
16	Naturalization of the microbiota developmental trajectory of Cesarean-born neonates after vaginal seeding. <i>Med</i> , 2021, 2, 951-964.e5.	4.4	37
17	Uniform Manifold Approximation and Projection (UMAP) Reveals Composite Patterns and Resolves Visualization Artifacts in Microbiome Data. <i>MSystems</i> , 2021, 6, e0069121.	3.8	27
18	Nutrition and the Gut Microbiota in 10- to 18-Month-Old Children Living in Urban Slums of Mumbai, India. <i>MSphere</i> , 2020, 5, .	2.9	20

#	ARTICLE	IF	CITATIONS
19	SARS-CoV-2 Infection Depends on Cellular Heparan Sulfate and ACE2. Cell, 2020, 183, 1043-1057.e15.	28.9	860
20	Visualizing <sup>16</sup> S rRNA gene feature rankings and log-ratios using Qurro. NAR Genomics and Bioinformatics, 2020, 2, lqaa023.	3.2	97
21	Air pollution exposure is associated with the gut microbiome as revealed by shotgun metagenomic sequencing. Environment International, 2020, 138, 105604.	10.0	97
22	QIIME 2 Enables Comprehensive End-to-End Analysis of Diverse Microbiome Data and Comparative Studies with Publicly Available Data. Current Protocols in Bioinformatics, 2020, 70, e100.	25.8	212
23	Consumption of Fermented Foods Is Associated with Systematic Differences in the Gut Microbiome and Metabolome. MSystems, 2020, 5, .	3.8	81
24	Optimizing sequencing protocols for leaderboard metagenomics by combining long and short reads. Genome Biology, 2019, 20, 226.	8.8	47
25	Gut bacteria responding to dietary change encode sialidases that exhibit preference for red meat-associated carbohydrates. Nature Microbiology, 2019, 4, 2082-2089.	13.3	56
26	A Novel Sparse Compositional Technique Reveals Microbial Perturbations. MSystems, 2019, 4, .	3.8	295
27	Engineering the microbiome for animal health and conservation. Experimental Biology and Medicine, 2019, 244, 494-504.	2.4	65