

Alex D Washburne

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,001
citations

471061

17
h-index

552369

26
g-index

37
all docs

37
docs citations

37
times ranked

9425
citing authors

#	ARTICLE	IF	CITATIONS
1	Microdiversity characterizes prevalent phylogenetic clades in the glacier-fed stream microbiome. <i>ISME Journal</i> , 2022, 16, 666-675.	4.4	28
2	Estimated transmissibility and impact of SARS-CoV-2 lineage B.1.1.7 in England. <i>Science</i> , 2021, 372, .	6.0	2,103
3	Rare microbial taxa emerge when communities collide: freshwater and marine microbiome responses to experimental mixing. <i>Ecology</i> , 2020, 101, e02956.	1.5	57
4	Patterns and Drivers of Extracellular Enzyme Activity in New Zealand Glacier-Fed Streams. <i>Frontiers in Microbiology</i> , 2020, 11, 591465.	1.5	18
5	Soil Bacterial and Fungal Richness Forecast Patterns of Early Pine Litter Decomposition. <i>Frontiers in Microbiology</i> , 2020, 11, 542220.	1.5	15
6	Identifying Suspect Bat Reservoirs of Emerging Infections. <i>Vaccines</i> , 2020, 8, 228.	2.1	19
7	Using influenza surveillance networks to estimate state-specific prevalence of SARS-CoV-2 in the United States. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	91
8	A phylogenetic model for the recruitment of species into microbial communities and application to studies of the human microbiome. <i>ISME Journal</i> , 2020, 14, 1359-1368.	4.4	21
9	Ecological and evolutionary drivers of haemoplasma infection and bacterial genotype sharing in a Neotropical bat community. <i>Molecular Ecology</i> , 2020, 29, 1534-1549.	2.0	27
10	Percolation models of pathogen spillover. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180331.	1.8	18
11	Dynamic and integrative approaches to understanding pathogen spillover. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190014.	1.8	43
12	The problem of scale in the prediction and management of pathogen spillover. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190224.	1.8	34
13	Prioritizing surveillance of Nipah virus in India. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007393.	1.3	74
14	Establishing microbial composition measurement standards with reference frames. <i>Nature Communications</i> , 2019, 10, 2719.	5.8	428
15	Phylofactorization: a graph partitioning algorithm to identify phylogenetic scales of ecological data. <i>Ecological Monographs</i> , 2019, 89, e01353.	2.4	52
16	Temporal and spatial limitations in global surveillance for bat filoviruses and henipaviruses. <i>Biology Letters</i> , 2019, 15, 20190423.	1.0	33
17	The ecology and diversity of microbial eukaryotes in geothermal springs. <i>ISME Journal</i> , 2018, 12, 1918-1928.	4.4	42
18	Guiding longitudinal sampling in IBD cohorts. <i>Gut</i> , 2018, 67, 1743-1745.	6.1	32

#	ARTICLE	IF	CITATIONS
19	Methods for phylogenetic analysis of microbiome data. <i>Nature Microbiology</i> , 2018, 3, 652-661.	5.9	68
20	Signatures of ecological processes in microbial community time series. <i>Microbiome</i> , 2018, 6, 120.	4.9	81
21	The Microbiome Stress Project: Toward a Global Meta-Analysis of Environmental Stressors and Their Effects on Microbial Communities. <i>Frontiers in Microbiology</i> , 2018, 9, 3272.	1.5	126
22	Taxonomic patterns in the zoonotic potential of mammalian viruses. <i>PeerJ</i> , 2018, 6, e5979.	0.9	22
23	A phylogenetic transform enhances analysis of compositional microbiota data. <i>ELife</i> , 2017, 6, .	2.8	247
24	Phylogenetic factorization of compositional data yields lineage-level associations in microbiome datasets. <i>PeerJ</i> , 2017, 5, e2969.	0.9	105
25	Novel Covariance-Based Neutrality Test of Time-Series Data Reveals Asymmetries in Ecological and Economic Systems. <i>PLoS Computational Biology</i> , 2016, 12, e1005124.	1.5	13
26	Prey Carrying Capacity Modulates the Effect of Predation on Prey Diversity. <i>American Naturalist</i> , 2015, 186, 333-347.	1.0	6