John M Eppley

List of Publications by Year
in descending order

27 papers	2,599 citations	394421 19 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	2959 citing authors

#	Article	IF	Citations
1	Community-led, integrated, reproducible multi-omics with anvià€™o. Nature Microbiology, 2021, 6, 3-6.	13.3	370
2	Multispecies diel transcriptional oscillations in open ocean heterotrophic bacterial assemblages. Science, 2014, 345, 207-212.	12.6	245
3	Microbial community transcriptional networks are conserved in three domains at ocean basin scales. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5443-5448.	7.1	225
4	Environmental drivers of a microbial genomic transition zone in the oceanâ€™s interior. Nature Microbiology, 2017, 2, 1367-1373.	13.3	177
5	Pattern and synchrony of gene expression among sympatric marine microbial populations. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E488-97.	7.1	164
6	Biological composition and microbial dynamics of sinking particulate organic matter at abyssal depths in the oligotrophic open ocean. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11824-11832.	7.1	150
7	Microbial community structure and function on sinking particles in the North Pacific Subtropical Gyre. Frontiers in Microbiology, 2015, 6, 469.	3.5	148
8	Planktonic Euryarchaeota are a significant source of archaeal tetraether lipids in the ocean. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9858-9863.	7.1	134
9	Microbial community phylogenetic and trait diversity declines with depth in a marine oxygen minimum zone. Ecology, 2012, 93, 1659-1673.	3.2	129
10	Coordinated regulation of growth, activity and transcription in natural populations of the unicellular nitrogen-fixing cyanobacterium Crocosphaera. Nature Microbiology, 2017, 2, 17118.	13.3	122
11	Diel cycling and long-term persistence of viruses in the oceanâ€™s euphotic zone. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11446-11451.	7.1	116
12	Assembly-free single-molecule sequencing recovers complete virus genomes from natural microbial communities. Genome Research, 2020, 30, 437-446.	5.5	80
13	Wind and sunlight shape microbial diversity in surface waters of the North Pacific Subtropical Gyre. ISME Journal, 2016, 10, 1308-1322.	9.8	73
14	Genetic Exchange Across a Species Boundary in the Archaeal Genus Ferroplasma. Genetics, 2007, 177, 407-416.	2.9	67
15	Double-stranded DNA virioplankton dynamics and reproductive strategies in the oligotrophic open ocean water column. ISME Journal, 2020, 14, 1304-1315.	9.8	65
16	Microbial dynamics of elevated carbon flux in the open oceanâ€™s abyss. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	65
17	Draft genome sequence of marine alphaproteobacterial strain HIMB11, the first cultivated representative of a unique lineage within the Roseobacter clade possessing an unusually small genome. Standards in Genomic Sciences, 2014, 9, 632-645.	1.5	40
18	Timeâ€series analyses of Monterey Bay coastal microbial picoplankton using a â€˜genome proxyâ€™ microarray. Environmental Microbiology, 2011, 13, 116-134.	3.8	31

#	Article	IF	Citations
19	Metapangenomics reveals depth-dependent shifts in metabolic potential for the ubiquitous marine bacterial SAR324 lineage. Microbiome, 2021, 9, 172.	11.1	25
20	Improved Environmental Genomes via Integration of Metagenomic and Single-Cell Assemblies. Frontiers in Microbiology, 2016, 7, 143.	3.5	24
21	Complex marine microbial communities partition metabolism of scarce resources over the diel cycle. Nature Ecology and Evolution, 2022, 6, 218-229.	7.8	21
22	Diverse Genomic Traits Differentiate Sinking-Particle-Associated versus Free-Living Microbes throughout the Oligotrophic Open Ocean Water Column. MBio, 2022, 13, .	4.1	21
23	Reply to Schouten et al.: Marine Group II planktonic Euryarchaeota are significant contributors to tetraether lipids in the ocean. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4286.	7.1	20
24	Diel Oscillation of Microbial Gene Transcripts Declines With Depth in Oligotrophic Ocean Waters. Frontiers in Microbiology, 2019, 10, 2191.	3.5	19
25	Diversity and origins of bacterial and archaeal viruses on sinking particles reaching the abyssal ocean. ISME Journal, 2022, 16, 1627-1635.	9.8	18
26	Microbial Sources of Exocellular DNA in the Ocean. Applied and Environmental Microbiology, 2022, 88, e0209321.	3.1	6
27	Novel Integrative Elements and Genomic Plasticity in Ocean Ecosystems. SSRN Electronic Journal, 0, , .	0.4	2