

John M Eppley

List of Publications by Year in descending order

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Version: 2024-02-01

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	Complex marine microbial communities partition metabolism of scarce resources over the diel cycle. <i>Nature Ecology and Evolution</i> , 2022, 6, 218-229.	7.8	21
2	Diversity and origins of bacterial and archaeal viruses on sinking particles reaching the abyssal ocean. <i>ISME Journal</i> , 2022, 16, 1627-1635.	9.8	18
3	Microbial Sources of Exocellular DNA in the Ocean. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0209321.	3.1	6
4	Diverse Genomic Traits Differentiate Sinking-Particle-Associated versus Free-Living Microbes throughout the Oligotrophic Open Ocean Water Column. <i>MBio</i> , 2022, 13, .	4.1	21
5	Community-led, integrated, reproducible multi-omics with anvii™. <i>Nature Microbiology</i> , 2021, 6, 3-6.	13.3	370
6	Microbial dynamics of elevated carbon flux in the open ocean's abyss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	65
7	Metapangenomics reveals depth-dependent shifts in metabolic potential for the ubiquitous marine bacterial SAR324 lineage. <i>Microbiome</i> , 2021, 9, 172.	11.1	25
8	Double-stranded DNA viroplankton dynamics and reproductive strategies in the oligotrophic open ocean water column. <i>ISME Journal</i> , 2020, 14, 1304-1315.	9.8	65
9	Assembly-free single-molecule sequencing recovers complete virus genomes from natural microbial communities. <i>Genome Research</i> , 2020, 30, 437-446.	5.5	80
10	Diel Oscillation of Microbial Gene Transcripts Declines With Depth in Oligotrophic Ocean Waters. <i>Frontiers in Microbiology</i> , 2019, 10, 2191.	3.5	19
11	Biological composition and microbial dynamics of sinking particulate organic matter at abyssal depths in the oligotrophic open ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11824-11832.	7.1	150
12	Diel cycling and long-term persistence of viruses in the ocean's euphotic zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11446-11451.	7.1	116
13	Environmental drivers of a microbial genomic transition zone in the ocean's interior. <i>Nature Microbiology</i> , 2017, 2, 1367-1373.	13.3	177
14	Coordinated regulation of growth, activity and transcription in natural populations of the unicellular nitrogen-fixing cyanobacterium <i>Crocospaera</i> . <i>Nature Microbiology</i> , 2017, 2, 17118.	13.3	122
15	Improved Environmental Genomes via Integration of Metagenomic and Single-Cell Assemblies. <i>Frontiers in Microbiology</i> , 2016, 7, 143.	3.5	24
16	Wind and sunlight shape microbial diversity in surface waters of the North Pacific Subtropical Gyre. <i>ISME Journal</i> , 2016, 10, 1308-1322.	9.8	73
17	Microbial community structure and function on sinking particles in the North Pacific Subtropical Gyre. <i>Frontiers in Microbiology</i> , 2015, 6, 469.	3.5	148
18	Microbial community transcriptional networks are conserved in three domains at ocean basin scales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5443-5448.	7.1	225

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19	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
20	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
21	Multispecies diel transcriptional oscillations in open ocean heterotrophic bacterial assemblages. Science, 2014, 345, 207-212.	12.6	245
22	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
23	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
24	Microbial community phylogenetic and trait diversity declines with depth in a marine oxygen minimum zone. Ecology, 2012, 93, 1659-1673.	3.2	129
25	Time-series analyses of Monterey Bay coastal microbial picoplankton using a "genome proxy"™ microarray. Environmental Microbiology, 2011, 13, 116-134.	3.8	31
26	Genetic Exchange Across a Species Boundary in the Archaeal Genus Ferroplasma. Genetics, 2007, 177, 407-416.	2.9	67
27	Novel Integrative Elements and Genomic Plasticity in Ocean Ecosystems. SSRN Electronic Journal, 0, , .	0.4	2