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List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,408
citations

394421

19
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

4241
citing authors

#	ARTICLE	IF	CITATIONS
1	Siderophores as an iron source for picocyanobacteria in deep chlorophyll maximum layers of the oligotrophic ocean. <i>ISME Journal</i> , 2022, 16, 1636-1646.	9.8	18
2	Phosphonate production by marine microbes: Exploring new sources and potential function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113386119.	7.1	31
3	Evaluating and Improving Small Subunit rRNA PCR Primer Coverage for Bacteria, Archaea, and Eukaryotes Using Metagenomes from Global Ocean Surveys. <i>MSystems</i> , 2021, 6, e0056521.	3.8	35
4	Charting the Complexity of the Marine Microbiome through Single-Cell Genomics. <i>Cell</i> , 2019, 179, 1623-1635.e11.	28.9	158
5	Emergence of trait variability through the lens of nitrogen assimilation in <i>Prochlorococcus</i> . <i>ELife</i> , 2019, 8, .	6.0	57
6	Stress response of a marine ammonia-oxidizing archaeon informs physiological status of environmental populations. <i>ISME Journal</i> , 2018, 12, 508-519.	9.8	82
7	Single cell genomes of <i>Prochlorococcus</i> , <i>Synechococcus</i> , and sympatric microbes from diverse marine environments. <i>Scientific Data</i> , 2018, 5, 180154.	5.3	81
8	Marine microbial metagenomes sampled across space and time. <i>Scientific Data</i> , 2018, 5, 180176.	5.3	148
9	Nitrogen cost minimization is promoted by structural changes in the transcriptome of N-deprived <i>Prochlorococcus</i> cells. <i>ISME Journal</i> , 2017, 11, 2267-2278.	9.8	27
10	Temporal dynamics of <i>Prochlorococcus</i> cells with the potential for nitrate assimilation in the subtropical Atlantic and Pacific oceans. <i>Limnology and Oceanography</i> , 2016, 61, 482-495.	3.1	29
11	<i>Prochlorococcus</i> : the structure and function of collective diversity. <i>Nature Reviews Microbiology</i> , 2015, 13, 13-27.	28.6	435
12	Physiology and evolution of nitrate acquisition in <i>Prochlorococcus</i> . <i>ISME Journal</i> , 2015, 9, 1195-1207.	9.8	130
13	Closely related phytoplankton species produce similar suites of dissolved organic matter. <i>Frontiers in Microbiology</i> , 2014, 5, 111.	3.5	124
14	Genomes of diverse isolates of the marine cyanobacterium <i>Prochlorococcus</i> . <i>Scientific Data</i> , 2014, 1, 140034.	5.3	114
15	Ecology of uncultured <i>Prochlorococcus</i> clades revealed through single-cell genomics and biogeographic analysis. <i>ISME Journal</i> , 2013, 7, 184-198.	9.8	105
16	The Divergent AmoC ₃ Subunit of Ammonia Monooxygenase Functions as Part of a Stress Response System in <i>Nitrosomonas europaea</i> . <i>Journal of Bacteriology</i> , 2012, 194, 3448-3456.	2.2	41
17	Widespread metabolic potential for nitrite and nitrate assimilation among <i>Prochlorococcus</i> ecotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10787-10792.	7.1	174
18	Ammonia oxidation kinetics determine niche separation of nitrifying Archaea and Bacteria. <i>Nature</i> , 2009, 461, 976-979.	27.8	1,394

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19	Transcription of All amoC Copies Is Associated with Recovery of <i>Nitrosomonas europaea</i> from Ammonia Starvation. <i>Journal of Bacteriology</i> , 2007, 189, 3935-3944.	2.2	45
20	Whole-genome analysis of the ammonia-oxidizing bacterium, <i>Nitrosomonas eutropha</i> C91: implications for niche adaptation. <i>Environmental Microbiology</i> , 2007, 9, 2993-3007.	3.8	150