

Robert H Lampe

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

342
citations

933447

10
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of nutrient supply on plankton microbiome biodiversity and distribution in a coastal upwelling region. <i>Nature Communications</i> , 2022, 13, 2448.	12.8	14
2	Diminished carbon and nitrate assimilation drive changes in diatom elemental stoichiometry independent of silicification in an iron-limited assemblage. <i>ISME Communications</i> , 2022, 2, .	4.2	6
3	Representative Diatom and Coccolithophore Species Exhibit Divergent Responses throughout Simulated Upwelling Cycles. <i>MSystems</i> , 2021, 6, .	3.8	10
4	Impaired viral infection and reduced mortality of diatoms in iron-limited oceanic regions. <i>Nature Geoscience</i> , 2021, 14, 231-237.	12.9	17
5	Strategies among phytoplankton in response to alleviation of nutrient stress in a subtropical gyre. <i>ISME Journal</i> , 2019, 13, 2984-2997.	9.8	13
6	The iron limitation mosaic in the California Current System: Factors governing Fe availability in the shelf/near-shelf region. <i>Limnology and Oceanography</i> , 2019, 64, 109-123.	3.1	13
7	Different iron storage strategies among bloom-forming diatoms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12275-E12284.	7.1	61
8	Divergent gene expression among phytoplankton taxa in response to upwelling. <i>Environmental Microbiology</i> , 2018, 20, 3069-3082.	3.8	34
9	Development of a molecular-based index for assessing iron status in bloom-forming pennate diatoms. <i>Journal of Phycology</i> , 2017, 53, 820-832.	2.3	31
10	Iron and vitamin interactions in marine diatom isolates and natural assemblages of the Northeast Pacific Ocean. <i>Limnology and Oceanography</i> , 2017, 62, 2076-2096.	3.1	47
11	Marine snow formation by the toxin-producing diatom, <i>Pseudo-nitzschia australis</i> . <i>Harmful Algae</i> , 2017, 61, 23-30.	4.8	30
12	Diatom Transcriptional and Physiological Responses to Changes in Iron Bioavailability across Ocean Provinces. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	55
13	Marine Microeukaryote Metatranscriptomics: Sample Processing and Bioinformatic Workflow Recommendations for Ecological Applications. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	8