

# Robert H Lampe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2671624/publications.pdf>

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