

Natalie Cohen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/553725/publications.pdf>

Version: 2024-02-01

23
papers

607
citations

687363

13
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

714
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixotrophic plankton foraging behaviour linked to carbon export. <i>Nature Communications</i> , 2022, 13, 1302.	12.8	10
2	Adaptive responses of marine diatoms to zinc scarcity and ecological implications. <i>Nature Communications</i> , 2022, 13, 1995.	12.8	10
3	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
4	EUKulele: Taxonomic annotation of the unsung eukaryotic microbes. <i>Journal of Open Source Software</i> , 2021, 6, 2817.	4.6	19
5	Impaired viral infection and reduced mortality of diatoms in iron-limited oceanic regions. <i>Nature Geoscience</i> , 2021, 14, 231-237.	12.9	17
6	Mechanisms and heterogeneity of in situ mineral processing by the marine nitrogen fixer <i>Trichodesmium</i> revealed by single-colony metaproteomics. <i>ISME Communications</i> , 2021, 1, .	4.2	9
7	Dinoflagellates alter their carbon and nutrient metabolic strategies across environmental gradients in the central Pacific Ocean. <i>Nature Microbiology</i> , 2021, 6, 173-186.	13.3	45
8	Taxonomic and nutrient controls on phytoplankton iron quotas in the ocean. <i>Limnology and Oceanography Letters</i> , 2021, 6, 96-106.	3.9	22
9	Hydrothermal trace metal release and microbial metabolism in the northeastern Lau Basin of the South Pacific Ocean. <i>Biogeosciences</i> , 2021, 18, 5397-5422.	3.3	11
10	Co-occurrence of Fe and P stress in natural populations of the marine diazotroph <i>Trichodesmium</i> . <i>Biogeosciences</i> , 2020, 17, 2537-2551.	3.3	26
11	Interactive effects of iron and light limitation on the molecular physiology of the Southern Ocean diatom <i>Fragilariopsis kerguelensis</i> . <i>Limnology and Oceanography</i> , 2020, 65, 1511-1531.	3.1	16
12	Expanding Tara Oceans Protocols for Underway, Ecosystemic Sampling of the Ocean-Atmosphere Interface During Tara Pacific Expedition (2016–2018). <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	42
13	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
14	Iron storage capacities and associated ferritin gene expression among marine diatoms. <i>Limnology and Oceanography</i> , 2018, 63, 1677-1691.	3.1	26
15	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
16	Divergent gene expression among phytoplankton taxa in response to upwelling. <i>Environmental Microbiology</i> , 2018, 20, 3069-3082.	3.8	34
17	Transcriptomic and proteomic responses of the oceanic diatom <i>Pseudo-nitzschia granii</i> to iron limitation. <i>Environmental Microbiology</i> , 2018, 20, 3109-3126.	3.8	39
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Cobalamin-independent Methionine Synthase Distribution and Influence on Vitamin B12 Growth Requirements in Marine Diatoms. <i>Protist</i> , 2017, 168, 32-47.	1.5	33
21	Diatom Transcriptional and Physiological Responses to Changes in Iron Bioavailability across Ocean Provinces. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	55
22	Maturation and Activity of Sterol Regulatory Element Binding Protein 1 Is Inhibited by Acyl-CoA Binding Domain Containing 3. <i>PLoS ONE</i> , 2012, 7, e49906.	2.5	23
23	Marine Microeukaryote Metatranscriptomics: Sample Processing and Bioinformatic Workflow Recommendations for Ecological Applications. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	8