

Mar Fernández-Mendoza

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4774031/publications.pdf>

Version: 2024-02-01

21
papers

1,664
citations

394421

19
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

2174
citing authors

#	ARTICLE	IF	CITATIONS
1	A red tide in the pack ice of the Arctic Ocean. <i>Scientific Reports</i> , 2019, 9, 9536.	3.3	21
2	Diversity and Composition of Pelagic Prokaryotic and Protist Communities in a Thin Arctic Sea-Ice Regime. <i>Microbial Ecology</i> , 2019, 78, 388-408.	2.8	26
3	Polar solar panels: Arctic and Antarctic microbiomes display similar taxonomic profiles. <i>Environmental Microbiology Reports</i> , 2018, 10, 75-79.	2.4	25
4	Biogenic silica production and diatom dynamics in the Svalbard region during spring. <i>Biogeosciences</i> , 2018, 15, 6503-6517.	3.3	31
5	Algal Hot Spots in a Changing Arctic Ocean: Sea-Ice Ridges and the Snow-Ice Interface. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	58
6	Algal Colonization of Young Arctic Sea Ice in Spring. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	41
7	Effects of Ice-Algal Aggregate Export on the Connectivity of Bacterial Communities in the Central Arctic Ocean. <i>Frontiers in Microbiology</i> , 2018, 9, 1035.	3.5	53
8	Altered inherent optical properties and estimates of the underwater light field during an Arctic under-ice bloom of <i>Pseudo-nitzschia pouchetii</i> . <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4939-4961.	2.6	39
9	Windows in Arctic sea ice: Light transmission and ice algae in a refrozen lead. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1486-1505.	3.0	56
10	The seeding of ice algal blooms in Arctic pack ice: The multiyear ice seed repository hypothesis. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1529-1548.	3.0	71
11	Leads in Arctic pack ice enable early phytoplankton blooms below snow-covered sea ice. <i>Scientific Reports</i> , 2017, 7, 40850.	3.3	259
12	Characterizing Spatial Variability of Ice Algal Chlorophyll a and Net Primary Production between Sea Ice Habitats Using Horizontal Profiling Platforms. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	29
13	Diazotroph Diversity in the Sea Ice, Melt Ponds, and Surface Waters of the Eurasian Basin of the Central Arctic Ocean. <i>Frontiers in Microbiology</i> , 2016, 7, 1884.	3.5	39
14	Carbon export fluxes and export efficiency in the central Arctic during the record sea-ice minimum in 2012: a joint ²³⁴ Th/ ²³⁸ U and ²¹⁰ Po/ ²¹⁰ Pb study. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 5030-5049.	2.6	36
15	An assessment of phytoplankton primary productivity in the Arctic Ocean from satellite ocean color/in situ chlorophyll a based models. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 6508-6541.	2.6	90
16	Photosynthetic production in the central Arctic Ocean during the record sea-ice minimum in 2012. <i>Biogeosciences</i> , 2015, 12, 3525-3549.	3.3	149
17	Distribution of algal aggregates under summer sea ice in the Central Arctic. <i>Polar Biology</i> , 2015, 38, 719-731.	1.2	39
18	Composition, Buoyancy Regulation and Fate of Ice Algal Aggregates in the Central Arctic Ocean. <i>PLoS ONE</i> , 2014, 9, e107452.	2.5	101

#	ARTICLE	IF	CITATIONS
19	Export of Algal Biomass from the Melting Arctic Sea Ice. <i>Science</i> , 2013, 339, 1430-1432.	12.6	383
20	Floating Ice-Algal Aggregates below Melting Arctic Sea Ice. <i>PLoS ONE</i> , 2013, 8, e76599.	2.5	109
21	The Future of the Arctic: What Does It Mean for Sea Ice and Small Creatures?. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	0