Mar FernÃ¡ndez-MÃ©ndez

List of Publications by Year
in descending order

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	Export of Algal Biomass from the Melting Arctic Sea Ice. Science, 2013, 339, 1430-1432.	12.6	383
2	Leads in Arctic pack ice enable early phytoplankton blooms below snow-covered sea ice. Scientific Reports, 2017, 7, 40850.	3.3	259
3	Photosynthetic production in the central Arctic Ocean during the record sea-ice minimum in 2012. Biogeosciences, 2015, 12, 3525-3549.	3.3	149
4	Floating Ice-Algal Aggregates below Melting Arctic Sea Ice. PLoS ONE, 2013, 8, e76599.	2.5	109
5	Composition, Buoyancy Regulation and Fate of Ice Algal Aggregates in the Central Arctic Ocean. PLoS ONE, 2014, 9, e107452.	2.5	101
6	An assessment of phytoplankton primary productivity in the Arctic Ocean from satellite ocean color/in situ chlorophyllâ€‹a based models. Journal of Geophysical Research: Oceans, 2015, 120, 6508-6541.	2.6	90
7	The seeding of ice algal blooms in Arctic pack ice: The multiyear ice seed repository hypothesis. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1529-1548.	3.0	71
8	Algal Hot Spots in a Changing Arctic Ocean: Sea-Ice Ridges and the Snow-Ice Interface. Frontiers in Marine Science, 2018, 5, .	2.5	58
9	Windows in Arctic sea ice: Light transmission and ice algae in a refrozen lead. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1486-1505.	3.0	56
10	Effects of Ice-Algal Aggregate Export on the Connectivity of Bacterial Communities in the Central Arctic Ocean. Frontiers in Microbiology, 2018, 9, 1035.	3.5	53
11	Algal Colonization of Young Arctic Sea Ice in Spring. Frontiers in Marine Science, 2018, 5, .	2.5	41
12	Distribution of algal aggregates under summer sea ice in the Central Arctic. Polar Biology, 2015, 38, 719-731.	1.2	39
13	Diazotroph Diversity in the Sea Ice, Melt Ponds, and Surface Waters of the Eurasian Basin of the Central Arctic Ocean. Frontiers in Microbiology, 2016, 7, 1884.	3.5	39
14	Altered inherent optical properties and estimates of the underwater light field during an <scp>A</scp>rctic underâ€‹ice bloom of <scp>P</scp>haeocystis pouchetii. Journal of Geophysical Research: Oceans, 2017, 122, 4939-4961.	2.6	39
15	Carbon export fluxes and export efficiency in the central Arctic during the record seaâ€‹ice minimum in 2012: a joint ²³⁴Th/²³⁸U and ²¹⁰Po/²¹⁰Pb study. Journal of Geophysical Research: Oceans, 2016, 121, 5030-5049.	2.6	36
16	Biogenic silica production and diatom dynamics in the Svalbard region during spring. Biogeosciences, 2018, 15, 6503-6517.	3.3	31
17	Characterizing Spatial Variability of Ice Algal Chlorophyll a and Net Primary Production between Sea Ice Habitats Using Horizontal Profiling Platforms. Frontiers in Marine Science, 2017, 4, .	2.5	29
18	Diversity and Composition of Pelagic Prokaryotic and Protist Communities in a Thin Arctic Sea-Ice Regime. Microbial Ecology, 2019, 78, 388-408.	2.8	26

#	Article	IF	Citations
19	Polar solar panels: <scp>A</scp>rctic and <scp>A</scp>ntarctic microbiomes display similar taxonomic profiles. Environmental Microbiology Reports, 2018, 10, 75-79.	2.4	25
20	A red tide in the pack ice of the Arctic Ocean. Scientific Reports, 2019, 9, 9536.	3.3	21
21	The Future of the Arctic: What Does It Mean for Sea Ice and Small Creatures?. Frontiers for Young Minds, 0, 8, .	0.8	0