

Mariana Ribas-Ribas

List of Publications by Year in descending order

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33
papers

543
citations

567281

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all docs

42
docs citations

42
times ranked

793
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-term responses to ocean acidification: effects on relative abundance of eukaryotic plankton from the tropical Timor Sea. <i>Marine Ecology - Progress Series</i> , 2021, 658, 59-74.	1.9	3
2	Overstated Potential for Seagrass Meadows to Mitigate Coastal Ocean Acidification. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	6
3	Effects of Natural and Artificial Surfactants on Diffusive Boundary Dynamics and Oxygen Exchanges across the Air–Water Interface. <i>Oceans</i> , 2021, 2, 752-771.	1.3	3
4	Technologies for Observing the Near Sea Surface. <i>Oceanography</i> , 2021, , 88-89.	1.0	1
5	The MILAN Campaign: Studying Diel Light Effects on the Air–Sea Interface. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E146-E166.	3.3	14
6	Global reduction of <i>in situ</i> CO ₂ transfer velocity by natural surfactants in the sea-surface microlayer. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20190763.	2.1	18
7	The Milan Campaign: Studying the Sea Surface Microlayer. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, 299-304.	3.3	0
8	Gas transfer velocities in Norwegian fjords and the adjacent North Atlantic waters. <i>Oceanologia</i> , 2019, 61, 460-470.	2.2	6
9	Impact of Nonzero Intercept Gas Transfer Velocity Parameterizations on Global and Regional Ocean–Atmosphere CO ₂ Fluxes. <i>Geosciences (Switzerland)</i> , 2019, 9, 230.	2.2	3
10	Oxygen Profiles Across the Sea-Surface Microlayer—Effects of Diffusion and Biological Activity. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	16
11	The Ocean's Skin Layer in the Tropics. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 59-74.	2.6	9
12	Reconsideration of seawater surfactant activity analysis based on an inter-laboratory comparison study. <i>Marine Chemistry</i> , 2019, 208, 103-111.	2.3	9
13	Warming and Inhibition of Salinization at the Ocean's Surface by Cyanobacteria. <i>Geophysical Research Letters</i> , 2018, 45, 4230-4237.	4.0	25
14	Influence of solar radiation on biogeochemical parameters and fluorescent dissolved organic matter (FDOM) in the sea surface microlayer of the southern coastal North Sea. <i>Elementa</i> , 2018, 6, 15.	3.2	18
15	Air-Sea CO ₂ -Exchange in a Large Annular Wind-Wave Tank and the Effects of Surfactants. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	21
16	High-resolution observations on enrichment processes in the sea-surface microlayer. <i>Scientific Reports</i> , 2018, 8, 13122.	3.3	10
17	High Resolution pH Measurements Using a Lab-on-Chip Sensor in Surface Waters of Northwest European Shelf Seas. <i>Sensors</i> , 2018, 18, 2622.	3.8	13
18	Blue pigmentation of neustonic copepods benefits exploitation of a prey-rich niche at the air-sea boundary. <i>Scientific Reports</i> , 2018, 8, 11510.	3.3	12

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19	<i>Sniffle</i> : a step forward to measure <i>in situ</i> CO ₂ fluxes with the floating chamber technique. <i>Elementa</i> , 2018, 6, .	3.2	8
20	Sea Surface Scanner (S3): A Catamaran for High-Resolution Measurements of Biogeochemical Properties of the Sea Surface Microlayer. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 1433-1448.	1.3	30
21	High wind speeds prevent formation of a distinct bacterioneuston community in the sea-surface microlayer. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	50
22	Spatial patterns of phytoplankton composition and upper-ocean biogeochemistry do not follow carbonate chemistry gradients in north-west European Shelf seas. <i>ICES Journal of Marine Science</i> , 2017, 74, 965-977.	2.5	1
23	High-resolution variability of the enrichment of fluorescence dissolved organic matter in the sea surface microlayer of an upwelling region. <i>Elementa</i> , 2017, 5, .	3.2	15
24	Production of dissolved organic carbon by Arctic plankton communities: Responses to elevated carbon dioxide and the availability of light and nutrients. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 127, 60-74.	1.4	21
25	Physical and biogeochemical controls on the variability in surface pH and calcium carbonate saturation states in the Atlantic sectors of the Arctic and Southern Oceans. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 127, 7-27.	1.4	36
26	Species-specific calcite production reveals <i>Coccolithus pelagicus</i> as the key calcifier in the Arctic Ocean. <i>Marine Ecology - Progress Series</i> , 2016, 555, 29-47.	1.9	27
27	Intercomparison of carbonate chemistry measurements on a cruise in northwestern European shelf seas. <i>Biogeosciences</i> , 2014, 11, 4339-4355.	3.3	26
28	Tidal and seasonal carbon and nutrient dynamics of the Guadalquivir estuary and the Bay of Cádiz (SW) Tj ETQq0 0 0 rgBT /Overlock 10	3.3	19
29	Picophytoplankton and carbon cycle on the northeastern shelf of the Gulf of Cádiz (SW Iberian) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	4
30	Seasonal distribution of the inorganic carbon system and net ecosystem production in the north eastern shelf of the Gulf of Cádiz (Southwest Iberian Peninsula). <i>Continental Shelf Research</i> , 2011, 31, 1931-1942.	1.8	9
31	Spatio-temporal variability of the dissolved organic carbon and nitrogen in a coastal area affected by river input: The north eastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). <i>Marine Chemistry</i> , 2011, 126, 295-308.	2.3	20
32	Effects of upwelling, tides and biological processes on the inorganic carbon system of a coastal lagoon in Baja California. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 367-376.	2.1	41
33	Air-sea CO ₂ fluxes in the north-eastern shelf of the Gulf of Cádiz (southwest Iberian Peninsula). <i>Marine Chemistry</i> , 2011, 123, 56-66.	2.3	42