

Mariona Claret

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

401
citations

1163117

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1058476

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938
citing authors

#	ARTICLE	IF	CITATIONS
1	How Robust Is the Apparent Breakâ€‘Down of Northern Highâ€‘Latitude Temperature Control on Spring Carbon Uptake?. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091601.	4.0	2
2	A Next Generation Ocean Carbon Isotope Model for Climate Studies I: Steady State Controls on Ocean ¹³ C. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006757.	4.9	3
3	Effects of Oceanic Mesoscale and Submesoscale Frontal Processes on the Vertical Transport of Phytoplankton. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5999-6014.	2.6	48
4	Assessing the Role of Highâ€‘Frequency Winds and Sea Ice Loss on Arctic Phytoplankton Blooms in an Iceâ€‘Oceanâ€‘Biogeochemical Model. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 2728-2750.	3.0	19
5	Roles of the Ocean Mesoscale in the Horizontal Supply of Mass, Heat, Carbon, and Nutrients to the Northern Hemisphere Subtropical Gyres. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 7016-7036.	2.6	18
6	Rapid coastal deoxygenation due to ocean circulation shift in the northwest Atlantic. <i>Nature Climate Change</i> , 2018, 8, 868-872.	18.8	69
7	Frontal dynamics boost primary production in the summer stratified Mediterranean sea. <i>Ocean Dynamics</i> , 2017, 67, 767-782.	2.2	13
8	A Multiplatform Experiment to Unravel Meso- and Submesoscale Processes in an Intense Front (AlborEx). <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	68
9	Complex functionality with minimal computation: Promise and pitfalls of reducedâ€‘tracer ocean biogeochemistry models. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 2012-2028.	3.8	49
10	The LatMix Summer Campaign: Submesoscale Stirring in the Upper Ocean. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1257-1279.	3.3	88
11	Salinity intrusion and convective mixing in the Atlantic Equatorial Undercurrent. <i>Scientia Marina</i> , 2012, 76, 117-129.	0.6	7
12	Detection of a weak meddy-like anomaly from high-resolution satellite SST maps. <i>Scientia Marina</i> , 2012, 76, 229-234.	0.6	6
13	Vertical velocity in the interaction between inertiaâ€‘gravity waves and submesoscale baroclinic vortical structures. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	4
14	Numerical simulations of submesoscale balanced vertical velocity forcing unsteady nutrientâ€‘phytoplanktonâ€‘zooplankton distributions. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	6