

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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16
all docs

16
docs citations

16
times ranked

938
citing authors

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