

Laurent Mortier

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

665
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1090
citing authors

#	ARTICLE	IF	CITATIONS
1	OceanGliders: A Component of the Integrated GOOS. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	83
2	Spreading of Levantine Intermediate Waters by submesoscale coherent vortices in the northwestern Mediterranean Sea as observed with gliders. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 1599-1622.	2.6	80
3	Multiscale Observations of Deep Convection in the Northwestern Mediterranean Sea During Winter 2012–2013 Using Multiple Platforms. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1745-1776.	2.6	71
4	Scales and dynamics of submesoscale coherent vortices formed by deep convection in the northwestern Mediterranean Sea. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7716-7742.	2.6	65
5	Observing mixed layer depth, nitrate and chlorophyll concentrations in the northwestern Mediterranean: A combined satellite and NO ₃ profiling floats experiment. <i>Geophysical Research Letters</i> , 2014, 41, 6443-6451.	4.0	57
6	Abrupt warming and salinification of intermediate waters interplays with decline of deep convection in the Northwestern Mediterranean Sea. <i>Scientific Reports</i> , 2020, 10, 20923.	3.3	55
7	Finescale Vertical Structure of the Upwelling System off Southern Peru as Observed from Glider Data. <i>Journal of Physical Oceanography</i> , 2013, 43, 631-646.	1.7	53
8	Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	47
9	High resolution modeling of dense water formation in the northwestern Mediterranean during winter 2012–2013: Processes and budget. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 5367-5392.	2.6	46
10	A submesoscale coherent vortex in the Ligurian Sea: From dynamical barriers to biological implications. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 6196-6217.	2.6	39
11	Estimating dense water volume and its evolution for the year 2012–2013 in the Northwestern Mediterranean Sea: An observing system simulation experiment approach. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 6696-6716.	2.6	27
12	Characterization of Convective Plumes Associated With Oceanic Deep Convection in the Northwestern Mediterranean From High-Resolution In Situ Data Collected by Gliders. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9814-9826.	2.6	19
13	Monitoring the Environment in the Northwestern Mediterranean Sea. <i>Eos</i> , 2019, 100, .	0.1	14
14	Wind-Forced Submesoscale Symmetric Instability around Deep Convection in the Northwestern Mediterranean Sea. <i>Fluids</i> , 2021, 6, 123.	1.7	7
15	The Levantine Intermediate Water in the western Mediterranean and its interactions with the Algerian Gyres: insights from 60 years of observation. <i>Ocean Science</i> , 2022, 18, 937-952.	3.4	2