

Andrea Doglioli

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

796
citations

567281

15
h-index

526287

27
g-index

54
all docs

54
docs citations

54
times ranked

1222
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking coherent structures in a regional ocean model with wavelet analysis: Application to Cape Basin eddies. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	125
2	Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363.	2.6	119
3	A Connectivity-Based Eco-Regionalization Method of the Mediterranean Sea. <i>PLoS ONE</i> , 2014, 9, e111978.	2.5	55
4	Surface coastal circulation patterns by in-situ detection of Lagrangian coherent structures. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	46
5	A review of the LATEX project: mesoscale to submesoscale processes in a coastal environment. <i>Ocean Dynamics</i> , 2017, 67, 513-533.	2.2	29
6	Sensitivity study of the generation of mesoscale eddies in a numerical model of Hawaii islands. <i>Ocean Science</i> , 2011, 7, 277-291.	3.4	28
7	Coupling physics and biogeochemistry thanks to high-resolution observations of the phytoplankton community structure in the northwestern Mediterranean Sea. <i>Biogeosciences</i> , 2018, 15, 1579-1606.	3.3	28
8	Frontiers in Fine-Scale in situ Studies: Opportunities During the SWOT Fast Sampling Phase. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	26
9	Introduction: Process studies at the air-sea interface after atmospheric deposition in the Mediterranean Sea – objectives and strategy of the PEACETIME oceanographic campaign (May-June) Tj ETQq13130.784314 rgBT		
10	The fate of a southwest Pacific bloom: gauging the impact of submesoscale vs. mesoscale circulation on biological gradients in the subtropics. <i>Biogeosciences</i> , 2017, 14, 3471-3486.	3.3	23
11	On the calculation of betweenness centrality in marine connectivity studies using transfer probabilities. <i>PLoS ONE</i> , 2017, 12, e0189021.	2.5	22
12	Physical characteristics and dynamics of the coastal Latex09 Eddy derived from in situ data and numerical modeling. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 399-409.	2.6	20
13	New Insights of the Sicily Channel and Southern Tyrrhenian Sea Variability. <i>Water (Switzerland)</i> , 2019, 11, 1355.	2.7	20
14	The Delayed Island Mass Effect: How Islands can Remotely Trigger Blooms in the Oligotrophic Ocean. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085282.	4.0	19
15	Large- to submesoscale surface circulation and its implications on biogeochemical/biological horizontal distributions during the OUTPACE cruise (southwest Pacific). <i>Biogeosciences</i> , 2018, 15, 2411-2431.	3.3	18
16	A New Glider-Compatible Optical Sensor for Dissolved Organic Matter Measurements: Test Case from the NW Mediterranean Sea. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	16
17	A Software Package and Hardware Tools for in situ Experiments in a Lagrangian Reference Frame. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 1940-1950.	1.3	15
18	OUTPACE long duration stations: physical variability, context of biogeochemical sampling, and evaluation of sampling strategy. <i>Biogeosciences</i> , 2018, 15, 2125-2147.	3.3	14

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19	Modeling the Wake of the Marquesas Archipelago. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1213-1228.	2.6	13
20	Vertical Motions and Their Effects on a Biogeochemical Tracer in a Cyclonic Structure Finely Observed in the Ligurian Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3561-3574.	2.6	13
21	Impacts of mesoscale activity on the water masses and circulation in the <sc>C</sc>oral <sc>S</sc>ea. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7277-7289.	2.6	12
22	Fine-scale sampling unveils diazotroph patchiness in the South Pacific Ocean. <i>ISME Communications</i> , 2021, 1, .	4.2	12
23	Role of Iron in the Marquesas Island Mass Effect. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7781-7796.	2.6	11
24	Ecological networks: Pursuing the shortest path, however narrow and crooked. <i>Scientific Reports</i> , 2019, 9, 17826.	3.3	10
25	Diagnosing cross-shelf transport along an ocean front: An observational case study in the Gulf of Lion. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7218-7243.	2.6	9
26	Comparison of in situ microstructure measurements to different turbulence closure schemes in a 3-D numerical ocean circulation model. <i>Ocean Modelling</i> , 2017, 120, 1-17.	2.4	9
27	Fine-Scale Ocean Currents Derived From in situ Observations in Anticipation of the Upcoming SWOT Altimetric Mission. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	8
28	Impact of moderately energetic fine-scale dynamics on the phytoplankton community structure in the western Mediterranean Sea. <i>Biogeosciences</i> , 2021, 18, 6455-6477.	3.3	7
29	Longitudinal contrast in turbulence along a $\sim 1/4^{\circ}$ S section in the Pacific and its consequences for biogeochemical fluxes. <i>Biogeosciences</i> , 2018, 15, 7485-7504.	3.3	5
30	Coastal Current Intrusions from Satellite Altimetry. <i>Remote Sensing</i> , 2020, 12, 3686.	4.0	5
31	PROTEVS-MED field experiments: very high resolution hydrographic surveys in the Western Mediterranean Sea. <i>Earth System Science Data</i> , 2020, 12, 441-456.	9.9	5
32	Phosphorus cycling in the upper waters of the Mediterranean Sea (PEACETIME cruise): relative contribution of external and internal sources. <i>Biogeosciences</i> , 2021, 18, 5871-5889.	3.3	5