

Andrea Doglioli

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

796
citations

567281

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docs citations

54
times ranked

1222
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fine-scale sampling unveils diazotroph patchiness in the South Pacific Ocean. ISME Communications, 2021, 1, . | 4.2 | 12 |
| 2 | Altimetry for the future: Building on 25 years of progress. Advances in Space Research, 2021, 68, 319-363. | 2.6 | 119 |
| 3 | Fine-Scale Ocean Currents Derived From in situ Observations in Anticipation of the Upcoming SWOT Altimetric Mission. Frontiers in Marine Science, 2021, 8, . | 2.5 | 8 |
| 4 | Phosphorus cycling in the upper waters of the Mediterranean Sea (PEACETIME cruise): relative contribution of external and internal sources. Biogeosciences, 2021, 18, 5871-5889. | 3.3 | 5 |
| 5 | Impact of moderately energetic fine-scale dynamics on the phytoplankton community structure in the western Mediterranean Sea. Biogeosciences, 2021, 18, 6455-6477. | 3.3 | 7 |
| 6 | The Delayed Island Mass Effect: How Islands can Remotely Trigger Blooms in the Oligotrophic Ocean. Geophysical Research Letters, 2020, 47, e2019GL085282. | 4.0 | 19 |
| 7 | Coastal Current Intrusions from Satellite Altimetry. Remote Sensing, 2020, 12, 3686. | 4.0 | 5 |
| 8 | 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 ETQq0030 rgBT / Overlock 1 | 4.0 | 10 |
| 9 | PROTEVS-MED field experiments: very high resolution hydrographic surveys in the Western Mediterranean Sea. Earth System Science Data, 2020, 12, 441-456. | 9.9 | 5 |
| 10 | New Insights of the Sicily Channel and Southern Tyrrhenian Sea Variability. Water (Switzerland), 2019, 11, 1355. | 2.7 | 20 |
| 11 | Vertical Motions and Their Effects on a Biogeochemical Tracer in a Cyclonic Structure Finely Observed in the Ligurian Sea. Journal of Geophysical Research: Oceans, 2019, 124, 3561-3574. | 2.6 | 13 |
| 12 | Frontiers in Fine-Scale in situ Studies: Opportunities During the SWOT Fast Sampling Phase. Frontiers in Marine Science, 2019, 6, . | 2.5 | 26 |
| 13 | Role of Iron in the Marquesas Island Mass Effect. Journal of Geophysical Research: Oceans, 2019, 124, 7781-7796. | 2.6 | 11 |
| 14 | Ecological networks: Pursuing the shortest path, however narrow and crooked. Scientific Reports, 2019, 9, 17826. | 3.3 | 10 |
| 15 | Modeling the Wake of the Marquesas Archipelago. Journal of Geophysical Research: Oceans, 2018, 123, 1213-1228. | 2.6 | 13 |
| 16 | OUTPACE long duration stations: physical variability, context of biogeochemical sampling, and evaluation of sampling strategy. Biogeosciences, 2018, 15, 2125-2147. | 3.3 | 14 |
| 17 | Longitudinal contrast in turbulence along a 1/4° S section in the Pacific and its consequences for biogeochemical fluxes. Biogeosciences, 2018, 15, 7485-7504. | 3.3 | 5 |
| 18 | Coupling physics and biogeochemistry thanks to high-resolution observations of the phytoplankton community structure in the northwestern Mediterranean Sea. Biogeosciences, 2018, 15, 1579-1606. | 3.3 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | On the calculation of betweenness centrality in marine connectivity studies using transfer probabilities. <i>PLoS ONE</i> , 2017, 12, e0189021. | 2.5 | 22 |
| 24 | 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 |
| 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 | 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 |
| 27 | A Connectivity-Based Eco-Regionalization Method of the Mediterranean Sea. <i>PLoS ONE</i> , 2014, 9, e111978. | 2.5 | 55 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |