

Carolina Cantoni

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

664
citations

687363

13
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	Review article: How does glacier discharge affect marine biogeochemistry and primary production in the Arctic?. <i>Cryosphere</i> , 2020, 14, 1347-1383.	3.9	114
2	The CO ₂ system in the Mediterranean Sea: a basin wide perspective. <i>Ocean Science</i> , 2014, 10, 69-92.	3.4	87
3	An optimum multiparameter mixing analysis of the shelf waters in the Ross Sea. <i>Antarctic Science</i> , 2003, 15, 105-118.	0.9	76
4	First basin-wide experimental results on N ₂ fixation in the open Mediterranean Sea. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	55
5	Extreme air-sea interactions in the Gulf of Trieste (North Adriatic) during the strong Bora event in winter 2012. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 5238-5250.	2.6	48
6	Carbonate system variability in the Gulf of Trieste (North Adriatic Sea). <i>Estuarine, Coastal and Shelf Science</i> , 2012, 115, 51-62.	2.1	43
7	New observations of CO ₂ -induced acidification in the northern Adriatic Sea over the last quarter century. <i>Chemistry and Ecology</i> , 2010, 26, 1-17.	1.6	39
8	Short-term variability of primary production and inorganic nitrogen uptake related to the environmental conditions in a shallow coastal area (Gulf of Trieste, N Adriatic Sea). <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2003, 26, 565-575.	0.7	35
9	Dense water flow and carbonate system in the southern Adriatic: A focus on the 2012 event. <i>Marine Geology</i> , 2016, 375, 15-27.	2.1	19
10	Glacial Drivers of Marine Biogeochemistry Indicate a Future Shift to More Corrosive Conditions in an Arctic Fjord. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005633.	3.0	19
11	Nutrient balance in the ecosystem of the North Western Adriatic Sea. <i>Chemistry and Ecology</i> , 2002, 18, 1-12.	1.6	18
12	Effect of environmental forcing on the fate of nutrients, dissolved organic matter and heavy metals released by a coastal wastewater pipeline. <i>Chemistry and Ecology</i> , 2008, 24, 87-107.	1.6	15
13	The RITMARE Italian Fixed-Point Observatory Network (IFON) for marine environmental monitoring: a case study. <i>Journal of Operational Oceanography</i> , 2016, 9, s202-s214.	1.2	14
14	Matching monitoring and modelling in the Gulf of Trieste. <i>Marine Pollution Bulletin</i> , 2004, 48, 587-592.	5.0	13
15	Stable isotope ($\delta^{13}C$ and $\delta^{15}N$) composition of particulate organic matter, nutrients and dissolved organic matter during spring ice retreat at Terra Nova Bay. <i>Antarctic Science</i> , 2011, 23, 43-56.	0.9	13
16	Constraining the Oceanic Uptake and Fluxes of Greenhouse Gases by Building an Ocean Network of Certified Stations: The Ocean Component of the Integrated Carbon Observation System, ICOS-Oceans. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	13
17	The carbon budget in the northern Adriatic Sea, a winter case study. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1399-1417.	3.0	12
18	Producing standard damaged DNA samples by heating: pitfalls and suggestions. <i>Analytical Biochemistry</i> , 2018, 549, 107-112.	2.4	9

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19	Along-Path Evolution of Biogeochemical and Carbonate System Properties in the Intermediate Water of the Western Mediterranean. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	9
20	C6-oxidized cellulose: Ion interactions with mono- and divalent cations. <i>Biopolymers</i> , 1998, 45, 157-163.	2.4	8
21	Effect of Trehalose Treatment on Paper Stability â€” Preliminary Experiments. <i>Restaurator</i> , 2001, 22, .	0.2	2
22	Carbonate chemistry and temperature dynamics in an alga dominated habitat. <i>Regional Studies in Marine Science</i> , 2021, 44, 101770.	0.7	2
23	Prolonged DNA hydrolysis in water: A study on DNA stability. <i>Data in Brief</i> , 2018, 20, 1237-1243.	1.0	1