

Aniello Russo

List of Publications by Year in descending order

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50
papers

2,851
citations

201674

27
h-index

223800

46
g-index

55
all docs

55
docs citations

55
times ranked

2952
citing authors

#	ARTICLE	IF	CITATIONS
1	The Adriatic Sea General Circulation. Part I: Air-Sea Interactions and Water Mass Structure. Journal of Physical Oceanography, 1997, 27, 1492-1514.	1.7	495
2	The Adriatic Sea General Circulation. Part II: Baroclinic Circulation Structure. Journal of Physical Oceanography, 1997, 27, 1515-1532.	1.7	388
3	Climatological biogeochemical characteristics of the Adriatic Sea. Journal of Marine Systems, 1998, 18, 227-263.	2.1	199
4	Exceptional dense water formation on the Adriatic shelf in the winter of 2012. Ocean Science, 2013, 9, 561-572.	3.4	117
5	Seasonal, spatial and inter-annual variations of trace metals in mussels from the Adriatic sea: A regional gradient for arsenic and implications for monitoring the impact of off-shore activities. Chemosphere, 2008, 72, 1524-1533.	8.2	109
6	Large-Scale Spatial Distribution of Virioplankton in the Adriatic Sea: Testing the Trophic State Control Hypothesis. Applied and Environmental Microbiology, 2003, 69, 2664-2673.	3.1	78
7	Effects of bora wind on physical and biogeochemical properties of stratified waters in the northern Adriatic. Journal of Geophysical Research, 2009, 114, .	3.3	78
8	High-resolution satellite turbidity and sea surface temperature observations of river plume interactions during a significant flood event. Ocean Science, 2015, 11, 909-920.	3.4	78
9	Po River plume pattern variability investigated from model data. Continental Shelf Research, 2014, 87, 84-95.	1.8	73
10	Northern Adriatic response to a wintertime bora wind event. Eos, 2005, 86, 157.	0.1	69
11	Combining Litter Observations with a Regional Ocean Model to Identify Sources and Sinks of Floating Debris in a Semi-enclosed Basin: The Adriatic Sea. Frontiers in Marine Science, 2017, 4, .	2.5	69
12	Effects of environmental variables on recruitment of anchovy in the Adriatic Sea. Climate Research, 2006, 31, 181-193.	1.1	68
13	Meteorological and oceanographic conditions in the northern Adriatic Sea during the period June 1999-July 2002: Influence on the mucilage phenomenon. Science of the Total Environment, 2005, 353, 24-38.	8.0	60
14	Sensitivity of a Mediterranean Tropical-Like Cyclone to Different Model Configurations and Coupling Strategies. Atmosphere, 2017, 8, 92.	2.3	59
15	Krill of the Ross Sea: distribution, abundance and demography of <i>Euphausia superba</i> and <i>Euphausia crystallorophias</i> during the Italian Antarctic Expedition (January-February 2000). Scientia Marina, 2002, 66, 123-133.	0.6	58
16	Spatial and temporal variability of size-fractionated biomass and primary production in the Ross Sea (Antarctica) during austral spring and summer. Journal of Marine Systems, 1998, 17, 115-127.	2.1	53
17	February 2003 marine atmospheric conditions and the bora over the northern Adriatic. Journal of Geophysical Research, 2007, 112, .	3.3	49
18	Influence of environmental conditions on spatial distribution and abundance of early life stages of Antarctic silverfish, <i>Pleuragramma antarcticum</i> (Nototheniidae), in the Ross Sea. Antarctic Science, 2010, 22, 243-254.	0.9	49

#	ARTICLE	IF	CITATIONS
19	The Adriatic sea hydrography and circulation in spring and autumn (1985–1987). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1993, 40, 1143-1180.	1.4	47
20	Sediment Dynamics in the Adriatic Sea Investigated with Coupled Models. <i>Oceanography</i> , 2004, 17, 58-69.	1.0	43
21	Decadal Climatic Anomalies in the Northern Adriatic Sea Inferred from a New Oceanographic Data Set. <i>Marine Ecology</i> , 2002, 23, 340-351.	1.1	42
22	A multidisciplinary study on the effects of climate change in the northern Adriatic Sea and the Marche region (central Italy). <i>Regional Environmental Change</i> , 2014, 14, 2007-2024.	2.9	38
23	Dense-water bottom currents in the Southern Adriatic Sea in spring 2012. <i>Marine Geology</i> , 2016, 375, 134-145.	2.1	37
24	Circulation and horizontal fluxes in the northern Adriatic Sea in the period June 1999–July 2002. Part II: Nutrients transport. <i>Science of the Total Environment</i> , 2005, 353, 115-125.	8.0	34
25	Natural and anthropogenic hydrocarbons in the water column of the Ross Sea (Antarctica). <i>Journal of Marine Systems</i> , 2008, 73, 208-220.	2.1	33
26	Observed and modeled surface Lagrangian transport between coastal regions in the Adriatic Sea with implications for marine protected areas. <i>Continental Shelf Research</i> , 2016, 118, 23-48.	1.8	32
27	Circulation and horizontal fluxes in the northern Adriatic Sea in the period June 1999–July 2002. Part I: Geostrophic circulation and current measurement. <i>Science of the Total Environment</i> , 2005, 353, 57-67.	8.0	31
28	Comparison between the wintertime and summertime dynamics of the Misa River estuary. <i>Marine Geology</i> , 2017, 385, 27-40.	2.1	29
29	Spatial–temporal relationships between two euphausiid species in the Ross Sea. <i>Chemistry and Ecology</i> , 2006, 22, S219-S233.	1.6	27
30	Improved ocean prediction skill and reduced uncertainty in the coastal region from multi-model super-ensembles. <i>Journal of Marine Systems</i> , 2009, 78, S282-S289.	2.1	27
31	Impact of bias correction and downscaling through quantile mapping on simulated climate change signal: a case study over Central Italy. <i>Theoretical and Applied Climatology</i> , 2019, 135, 725-740.	2.8	27
32	Short-term physical and chemical variations in the bottom water of middle Adriatic depressions. <i>Climate Research</i> , 2006, 31, 227-237.	1.1	25
33	Predictability of northern Adriatic winter conditions. <i>Journal of Marine Systems</i> , 2012, 90, 42-57.	2.1	24
34	Operational models hierarchy for short term marine predictions: The Adriatic Sea example. , 2013, , .		24
35	Coupling an oceanographic model to a Fishery Observing System through mixed models: the importance of fronts for anchovy in the Adriatic Sea. <i>Fisheries Oceanography</i> , 2015, 24, 521-532.	1.7	21
36	An observing system for the collection of fishery and oceanographic data. <i>Ocean Science</i> , 2007, 3, 189-203.	3.4	20

#	ARTICLE	IF	CITATIONS
37	Planktonic prokaryote and protist communities in a submarine canyon system in the Ligurian Sea (NW) Tj ETQq1 1.0.784314 rgBT /Overlock 10 TFS	3.2	19
38	A hybrid variational-ensemble data assimilation scheme with systematic error correction for limited-area ocean models. <i>Ocean Science</i> , 2016, 12, 1137-1153.	3.4	17
39	Flux of nutrients between the middle and southern Adriatic Sea (Gargano-Split section). <i>Marine Chemistry</i> , 2013, 153, 1-14.	2.3	16
40	Assessing the Hydro-Morphodynamic Response of a Beach Protected by Detached, Impermeable, Submerged Breakwaters: A Numerical Approach. <i>Journal of Coastal Research</i> , 2016, 32, 590.	0.3	16
41	High-resolution observations in the western Mediterranean Sea: the REP14-MED experiment. <i>Ocean Science</i> , 2018, 14, 321-335.	3.4	14
42	Summertime conditions of a muddy estuarine environment: the EsCoSed project contribution. <i>Water Science and Technology</i> , 2015, 71, 1451-1457.	2.5	11
43	Water Mass Characteristics During the ROSSMIZE Cruise (Western Sector of the Ross Sea,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	1.0	10
44	Hydrography and circulation west of Sardinia in June 2014. <i>Ocean Science</i> , 2017, 13, 889-904.	3.4	7
45	An Assessment of Surface - Dynamics Observed Offshore Ancona with HF Radar. <i>Marine Ecology</i> , 2002, 23, 21-37.	1.1	5
46	Climatology and decadal variability of the Ross Sea shelf waters. <i>Advances in Oceanography and Limnology</i> , 2011, 2, 55-77.	0.6	4
47	Spring 2009 water mass distribution, mixing and transport in the southern Adriatic after a low production of winter dense waters. <i>Continental Shelf Research</i> , 2013, 64, 33-50.	1.8	4
48	Identification of sea surface temperature (SST) variability areas through a statistical approach using remote sensing and numerical ocean model data. , 2015, , .		4
49	Understanding altimetry signals in the Northeastern Ligurian sea using a multi-platform approach. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 145, 83-96.	1.4	3
50	A natural-scale study of cohesive sediment transport: The Misa River case. , 2014, , 843-850.		1