Nadia Pinardi

List of Publications by Year
in descending order

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191 papers	8,942 citations	50244 46 h-index	53190 85 g-index
255 all docs	255 docs citations	255 times ranked	6128 citing authors

#	Article	IF	Citations
1	The Adriatic Sea General Circulation. Part I: Airâ€“Sea Interactions and Water Mass Structure. Journal of Physical Oceanography, 1997, 27, 1492-1514.	0.7	495
2	Variability of the large scale general circulation of the Mediterranean Sea from observations and modelling: a review. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 158, 153-173.	1.0	446
3	The Adriatic Sea General Circulation. Part II: Baroclinic Circulation Structure. Journal of Physical Oceanography, 1997, 27, 1515-1532.	0.7	388
4	General circulation of the Eastern Mediterranean. Earth-Science Reviews, 1992, 32, 285-309.	4.0	305
5	The Mediterranean ocean forecasting system: first phase of implementation (1998â€“2001). Annales Geophysicae, 2003, 21, 3-20.	0.6	268
6	The Western Mediterranean Deep Water: A proxy for climate change. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	252
7	Mediterranean Sea large-scale low-frequency ocean variability and water mass formation rates from 1987 to 2007: A retrospective analysis. Progress in Oceanography, 2015, 132, 318-332.	1.5	206
8	An oceanographic three-dimensional variational data assimilation scheme. Ocean Modelling, 2008, 22, 89-105.	1.0	184
9	A generalized model of pelagic biogeochemistry for the global ocean ecosystem. Part I: Theory. Journal of Marine Systems, 2007, 64, 89-109.	0.9	179
10	A high-resolution free-surface model of the Mediterranean Sea. Ocean Science, 2008, 4, 1-14.	1.3	172
11	A nested Atlantic-Mediterranean Sea general circulation model for operational forecasting. Ocean Science, 2009, 5, 461-473.	1.3	167
12	A seasonal model of the Mediterranean Sea general circulation. Journal of Geophysical Research, 1995, 100, 13515.	3.3	151
13	MEDSLIK-II, a Lagrangian marine surface oil spill model for short-term forecasting â€“ Part 1: Theory. Geoscientific Model Development, 2013, 6, 1851-1869.	1.3	146
14	Simulation of the Mediterranean Sea circulation from 1979 to 1993: Part I. The interannual variability. Journal of Marine Systems, 2002, 33-34, 23-50.	0.9	141
15	From Observation to Information and Users: The Copernicus Marine Service Perspective. Frontiers in Marine Science, 2019, 6, .	1.2	135
16	Currents, Water Masses, Eddies and Jets in the Mediterranean Levantine Basin. Journal of Physical Oceanography, 1988, 18, 1320-1353.	0.7	131
17	MEDSLIK-II, a Lagrangian marine surface oil spill model for short-term forecasting â€“ Part 2: Numerical simulations and validations. Geoscientific Model Development, 2013, 6, 1871-1888.	1.3	118
18	The Adriatic Sea modelling system: a nested approach. Annales Geophysicae, 2003, 21, 345-364.	0.6	114

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19	A model study of airâ€“sea interactions in the Mediterranean Sea. Journal of Marine Systems, 1998, 18, 89-114.	0.9	111
20	Teleconnections between Indian monsoon and Sahel rainfall and the Mediterranean. International Journal of Climatology, 2003, 23, 173-186.	1.5	107
21	The dynamics of the Adriatic Sea ecosystem.. Deep-Sea Research Part I: Oceanographic Research Papers, 2000, 47, 937-970.	0.6	101
22	Numerical simulation of the interannual variability of the Mediterranean Sea upper ocean circulation. Geophysical Research Letters, 1997, 24, 425-428.	1.5	99
23	Copernicus Marine Service Ocean State Report. Journal of Operational Oceanography, 2018, 11, S1-S142.	0.6	96
24	Preface "Operational oceanography in the Mediterranean Sea: the second stage of development". Ocean Science, 2010, 6, 263-267.	1.3	93
25	Modeling the dynamics of sediment transport and resuspension in the northern Adriatic Sea. Journal of Geophysical Research, 2002, 107, 18-1-18-23.	3.3	91
26	Hindcast of oil-spill pollution during the Lebanon crisis in the Eastern Mediterranean, Julyâ€“August 2006. Marine Pollution Bulletin, 2011, 62, 140-153.	2.3	89
27	The Ocean Response to Low-Frequency Interannual Atmospheric Variability in the Mediterranean Sea. Part I: Sensitivity Experiments and Energy Analysis. Journal of Climate, 2000, 13, 705-731.	1.2	88
28	Gulf Stream Simulations and the Dynamics of Ring and Meander Processes. Journal of Physical Oceanography, 1988, 18, 1811-1854.	0.7	86
29	The Copernicus Marine Environment Monitoring Service Ocean State Report. Journal of Operational Oceanography, 2016, 9, s235-s320.	0.6	86
30	Diagnostic and prognostic model studies of the Adriatic Sea general circulation: Seasonal variability. Journal of Geophysical Research, 2002, 107, 2-1.	3.3	82
31	On the corrections of ERAâ€40 surface flux products consistent with the Mediterranean heat and water budgets and the connection between basin surface total heat flux and NAO. Journal of Geophysical Research, 2010, 115, .	3.3	79
32	Sea-level variability in the Mediterranean Sea from altimetry and tide gauges. Climate Dynamics, 2016, 47, 2851-2866.	1.7	78
33	Mediterranean Forecasting System: forecast and analysis assessment through skill scores. Ocean Science, 2009, 5, 649-660.	1.3	76
34	Baroclinic wind adjustment processes in the Mediterranean Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 1993, 40, 1299-1326.	0.6	73
35	Toward an Understanding of Deep-Water Renewal in the Eastern Mediterranean. Journal of Physical Oceanography, 2000, 30, 443-458.	0.7	73
36	Evolving and Sustaining Ocean Best Practices and Standards for the Next Decade. Frontiers in Marine Science, 2019, 6, .	1.2	73

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37	Aegean Sea Water Masses during the Early Stages of the Eastern Mediterranean Climatic Transient (1988â€“90). Journal of Physical Oceanography, 2006, 36, 1841-1859.	0.7	71
38	Simulation of water mass formation processes in the Mediterranean Sea: Influence of the time frequency of the atmospheric forcing. Journal of Geophysical Research, 2000, 105, 24157-24181.	3.3	66
39	Lateral open boundary conditions for nested limited area models: A scale selective approach. Ocean Modelling, 2008, 20, 134-156.	1.0	61
40	Oil spill hazard from dispersal of oil along shipping lanes in the Southern Adriatic and Northern Ionian Seas. Marine Pollution Bulletin, 2015, 90, 259-272.	2.3	61
41	A numerical study of the interannual variability of the Adriatic Sea (2000â€“2002). Science of the Total Environment, 2005, 353, 39-56.	3.9	60
42	Towards a common oil spill risk assessment framework â€“ Adapting ISO 31000 and addressing uncertainties. Journal of Environmental Management, 2015, 159, 158-168.	3.8	59
43	Small synoptic/mesoscale eddies and energetic variability of the eastern Levantine basin. Nature, 1987, 327, 131-134.	13.7	57
44	Wind driven general circulation of the Mediterranean Sea simulated with a Spectral Element Ocean Model. Dynamics of Atmospheres and Oceans, 2002, 35, 97-130.	0.7	57
45	Quality Assessment of a 1985â€“2007 Mediterranean Sea Reanalysis. Journal of Atmospheric and Oceanic Technology, 2011, 28, 569-589.	0.5	57
46	Daily oceanographic analyses by Mediterranean Forecasting System at the basin scale. Ocean Science, 2007, 3, 149-157.	1.3	55
47	The sea surface pressure formulation of rigid lid models. Implications for altimetric data assimilation studies. Journal of Marine Systems, 1995, 6, 109-119.	0.9	54
48	The European Marine Observation and Data Network (EMODnet): Visions and Roles of the Gateway to Marine Data in Europe. Frontiers in Marine Science, 2019, 6, .	1.2	53
49	Abrupt Cooling of the Mediterranean Levantine Intermediate Water at the Beginning of the 1980s: Observational Evidence and Model Simulation. Journal of Physical Oceanography, 2001, 31, 2307-2320.	0.7	48
50	Eddy diffusivity derived from drifter data for dispersion model applications. Ocean Dynamics, 2012, 62, 1381-1398.	0.9	48
51	Calibration and validation of a one-dimensional complex marine biogeochemical flux model in different areas of the northern Adriatic shelf. Annales Geophysicae, 2003, 21, 413-436.	0.6	47
52	Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	1.2	47
53	Copernicus Marine Service Ocean State Report, Issue 4. Journal of Operational Oceanography, 2020, 13, S1-S172.	0.6	47
54	Sediment transport and resuspension due to combined motion of wave and current in the northern Adriatic Sea during a Bora event in January 2001: A numerical modelling study. Continental Shelf Research, 2007, 27, 613-633.	0.9	46

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55	A multi-model assessment of the impact of currents, waves and wind in modelling surface drifters and oil spill. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 133, 21-38.	0.6	46
56	Progress in Operational Modeling in Support of Oil Spill Response. Journal of Marine Science and Engineering, 2020, 8, 668.	1.2	46
57	The Mediterranean Decision Support System for Marine Safety dedicated to oil slicks predictions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 133, 4-20.	0.6	45
58	Is the southeastern Adriatic Sea coastal strip an eutrophic area?. Estuarine, Coastal and Shelf Science, 2010, 88, 395-406.	0.9	44
59	The Mediterranean Sea Overturning Circulation. Journal of Physical Oceanography, 2019, 49, 1699-1721.	0.7	44
60	Assimilation scheme of the Mediterranean Forecasting System: operational implementation. Annales Geophysicae, 2003, 21, 189-204.	0.6	42
61	A relocatable ocean model in support of environmental emergencies. Ocean Dynamics, 2014, 64, 667-688.	0.9	41
62	Impact of data assimilation of glider observations in the Ionian Sea (Eastern Mediterranean). Dynamics of Atmospheres and Oceans, 2010, 50, 78-92.	0.7	40
63	Sensitivity of the Mediterranean sea level to atmospheric pressure and free surface elevation numerical formulation in NEMO. Geoscientific Model Development, 2014, 7, 3001-3015.	1.3	40
64	Coupling hydrodynamic and wave models: first step and sensitivity experiments in the Mediterranean Sea. Ocean Dynamics, 2017, 67, 1293-1312.	0.9	39
65	Coastal ocean forecasting with an unstructured grid model in the southern Adriatic and northern Ionian seas. Natural Hazards and Earth System Sciences, 2017, 17, 45-59.	1.5	39
66	Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management. Ocean Science, 2016, 12, 953-976.	1.3	38
67	Dynamical Forecasting and Dynamical Interpolation: An Experiment in the California Current. Journal of Physical Oceanography, 1986, 16, 1561-1579.	0.7	37
68	Confronting Grand Challenges in environmental fluid mechanics. Physical Review Fluids, 2021, 6, .	1.0	37
69	A Prototype of Ship Routing Decision Support System for an Operational Oceanographic Service. TransNav, 2013, 7, 53-59.	0.3	37
70	Ocean ensemble forecasting. Part I: Ensemble Mediterranean winds from a Bayesian hierarchical model. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 858-878.	1.0	36
71	Energetics of Semienclosed Basins with Two-Layer Flows at the Strait. Journal of Physical Oceanography, 2014, 44, 967-979.	0.7	36
72	VISIR-I: small vessels â€“ least-time nautical routes using wave forecasts. Geoscientific Model Development, 2016, 9, 1597-1625.	1.3	36

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73	Towards improving the representation of beaching in oil spill models: A case study. Marine Pollution Bulletin, 2014, 88, 91-101.	2.3	35
74	Quasigeostrophic energetics of open ocean regions. Dynamics of Atmospheres and Oceans, 1986, 10, 185-219.	0.7	34
75	Simulations of ecosystem response during the sapropel S1 deposition event. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 235, 265-287.	1.0	33
76	Characteristics of the summer 1987 flow field in the Ionian Sea. Journal of Geophysical Research, 1993, 98, 10171-10184.	3.3	32
77	Combining model and geostationary satellite data to reconstruct hourly SST field over the Mediterranean Sea. Remote Sensing of Environment, 2014, 146, 11-23.	4.6	32
78	River runoff influences on the Central Mediterranean overturning circulation. Climate Dynamics, 2018, 50, 1675-1703.	1.7	32
79	One-dimensional ecosystem model tests in the Po Prodelta area (Northern Adriatic Sea). Environmental Modelling and Software, 1998, 13, 471-481.	1.9	31
80	Model intercomparison in the Mediterranean: MEDMEX simulations of the seasonal cycle. Journal of Marine Systems, 2002, 33-34, 215-251.	0.9	31
81	Study of the hydrodynamical processes in the Boka Kotorska Bay with a finite element model. Dynamics of Atmospheres and Oceans, 2011, 52, 298-321.	0.7	31
82	The mesoscale eddy field of the middle Adriatic Sea during fall 1988. Deep-Sea Research Part I: Oceanographic Research Papers, 1993, 40, 1365-1377.	0.6	30
83	A global ocean temperature and altimeter data assimilation system for studies of climate variability. Climate Dynamics, 2001, 17, 687-700.	1.7	29
84	Multivariate Empirical Orthogonal Function analysis of the upper thermocline structure of the Mediterranean Sea from observations and model simulations. Annales Geophysicae, 2003, 21, 167-187.	0.6	29
85	Mediterranean Forecasting System: An improved assimilation scheme for sea-level anomaly and its validation. Quarterly Journal of the Royal Meteorological Society, 2005, 131, 3627-3642.	1.0	29
86	Improved near real-time data management procedures for the Mediterranean ocean Forecasting System-Voluntary Observing Ship program. Annales Geophysicae, 2003, 21, 49-62.	0.6	28
87	Surface heat and water fluxes in the Adriatic Sea: Seasonal and internanual variability. Physics and Chemistry of the Earth, 1998, 23, 561-567.	0.3	27
88	Improved ocean prediction skill and reduced uncertainty in the coastal region from multi-model super-ensembles. Journal of Marine Systems, 2009, 78, S282-S289.	0.9	27
89	Impact of tides in a baroclinic circulation model of the Adriatic Sea. Journal of Geophysical Research: Oceans, 2013, 118, 166-183.	1.0	27
90	On the relationship between the water mass pathways and eddy variability in the Western Mediterranean Sea. Journal of Geophysical Research, 2007, 112, .	3.3	26

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91	The Adriatic Sea ecosystem seasonal cycle: Validation of a three-dimensional numerical model. Journal of Geophysical Research, 2007, 112, .	3.3	26
92	The Mean Sea Level Equation and Its Application to the Mediterranean Sea. Journal of Climate, 2014, 27, 442-447.	1.2	25
93	A High Resolution Reanalysis for the Mediterranean Sea. Frontiers in Earth Science, 2021, 9, .	0.8	25
94	MARINE ENVIRONMENT AND SECURITY FOR THE EUROPEAN AREA. Bulletin of the American Meteorological Society, 2006, 87, 1081-1090.	1.7	24
95	Circulation of the Turkish Straits System under interannual atmospheric forcing. Ocean Science, 2018, 14, 999-1019.	1.3	24
96	Dynamics of Deep Thermocline Jets in The POLYMODE Region. Journal of Physical Oceanography, 1987, 17, 1163-1188.	0.7	23
97	Observed and simulated trophic index (TRIX) values for the Adriatic Sea basin. Natural Hazards and Earth System Sciences, 2016, 16, 2043-2054.	1.5	23
98	Decision support system for emergency management of oil spill accidents in the Mediterranean Sea. Natural Hazards and Earth System Sciences, 2016, 16, 2009-2020.	1.5	23
99	Seasonal modulation of microbially mediated carbon fluxes in the northern Adriatic Sea â€" a model study. Fisheries Oceanography, 1998, 7, 182-190.	0.9	22
100	Particle fluxes in the deep Eastern Mediterranean basins: the role of ocean vertical velocities. Biogeosciences, 2009, 6, 333-348.	1.3	22
101	IT-OSRA: applying ensemble simulations to estimate the oil spill risk associated to operational and accidental oil spills. Ocean Dynamics, 2016, 66, 939-954.	0.9	22
102	Ocean Monitoring and Forecasting Core Services, the European MyOcean Example. , 2010, , .		21
103	Ocean ensemble forecasting. Part II: Mediterranean Forecast System response. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 879-893.	1.0	20
104	Marine Rapid Environmental Assessment in the Gulf of Taranto: a multiscale approach. Natural Hazards and Earth System Sciences, 2016, 16, 2623-2639.	1.5	20
105	A Structured and Unstructured grid Relocatable ocean platform for Forecasting (SURF). Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 133, 54-75.	0.6	20
106	A meteo-hydrological modelling system for the reconstruction of river runoff: the case of the Ofanto river catchment. Natural Hazards and Earth System Sciences, 2017, 17, 1741-1761.	1.5	19
107	On the assessment of Argo float trajectory assimilation in the Mediterranean Forecasting System. Ocean Dynamics, 2011, 61, 1475-1490.	0.9	18
108	Graph-Search and Differential Equations for Time-Optimal Vessel Route Planning in Dynamic Ocean Waves. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3581-3593.	4.7	18

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109	Advancing Research for Seamless Earth System Prediction. Bulletin of the American Meteorological Society, 2020, 101, E23-E35.	1.7	18
110	The Ocean Response to Low-Frequency Interannual Atmospheric Variability in the Mediterranean Sea. Part II: Empirical Orthogonal Functions Analysis. Journal of Climate, 2000, 13, 732-745.	1.2	17
111	A numerical simulation study of dissolved organic carbon accumulation in the northern Adriatic Sea. Journal of Geophysical Research, 2007, 112, .	3.3	17
112	Drift simulation of MH370 debris using superensemble techniques. Natural Hazards and Earth System Sciences, 2016, 16, 1623-1628.	1.5	17
113	Assimilation experiments for the Fishery Observing System in the Adriatic Sea. Journal of Marine Systems, 2016, 162, 126-136.	0.9	17
114	Multi-nest high-resolution model of submesoscale circulation features in the Gulf of Taranto. Ocean Dynamics, 2017, 67, 1609-1625.	0.9	17
115	Air-sea fluxes from operational analyses fields: Intercomparison between ECMWF and NCEP analyses over the Mediterranean area. Physics and Chemistry of the Earth, 1998, 23, 569-574.	0.3	16
116	Black Sea Observing System. Frontiers in Marine Science, 2019, 6, .	1.2	16
117	A Relocatable Ocean Modeling Platform for Downscaling to Shelf-Coastal Areas to Support Disaster Risk Reduction. Frontiers in Marine Science, 2021, 8, .	1.2	16
118	An Operational European Global Ocean Observing System for the Eastern Mediterranean Levantine Basin: The Cyprus Coastal Ocean Forecasting and Observing System. Marine Technology Society Journal, 2003, 37, 115-123.	0.3	15
119	An ensemble of models for identifying climate change scenarios in the Gulf of Gabes, Tunisia. Regional Environmental Change, 2014, 14, 31-40.	1.4	15
120	A nested pre-operational model for the Egyptian shelf zone: Model configuration and validation/calibration. Dynamics of Atmospheres and Oceans, 2017, 80, 75-96.	0.7	15
121	From weather to ocean predictions: an historical viewpoint. Journal of Marine Research, 2017, 75, 103-159.	0.3	15
122	A General Methodology for Beached Oil Spill Hazard Mapping. Frontiers in Marine Science, 2020, 7, .	1.2	15
123	A note on consistent quasi-geostrophic boundary conditions in partially open, simply and multiply connected domains. Dynamics of Atmospheres and Oceans, 1989, 14, 65-76.	0.7	14
124	Coastal Rapid Environmental Assessment in the Northern Adriatic Sea. Dynamics of Atmospheres and Oceans, 2011, 52, 250-283.	0.7	14
125	The Joint IOC (of UNESCO) and WMO Collaborative Effort for Met-Ocean Services. Frontiers in Marine Science, 2019, 6, .	1.2	14
126	The contribution of hurricane remote ocean forcing to storm surge along the Southeastern U.S. coast. Coastal Engineering, 2022, 173, 104098.	1.7	14

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127	The Halting Effect of Baroclinicity in Vortex Merging. Journal of Physical Oceanography, 1993, 23, 1618-1637.	0.7	13
128	Variational assimilation of Lagrangian trajectories in the Mediterranean ocean Forecasting System. Ocean Science, 2012, 8, 249-259.	1.3	13
129	VISIR: technological infrastructure of an operational service for safe and efficient navigation in the Mediterranean Sea. Natural Hazards and Earth System Sciences, 2016, 16, 1791-1806.	1.5	13
130	Mesoscale data assimilation studies in the Middle Adriatic Sea. Continental Shelf Research, 1994, 14, 1293-1310.	0.9	12
131	On the bottom density plume on coastal zone off Gargano (Italy) in the southern Adriatic Sea and its interannual variability. Journal of Geophysical Research, 2007, 112, .	3.3	12
132	A box model to represent estuarine dynamics in mesoscale resolution ocean models. Ocean Modelling, 2020, 148, 101587.	1.0	12
133	Downscaling With an Unstructured Coastal-Ocean Model to the Goro Lagoon and the Po River Delta Branches. Frontiers in Marine Science, 2021, 8, .	1.2	12
134	Very Large Ensemble Ocean Forecasting Experiment Using the Grid Computing Infrastructure. Bulletin of the American Meteorological Society, 2008, 89, 799-804.	1.7	11
135	A new search-and-rescue service in the Mediterranean Sea: a demonstration of the operational capability and an evaluation of its performance using real case scenarios. Natural Hazards and Earth System Sciences, 2016, 16, 2713-2727.	1.5	11
136	Impact of Multialtimeter Sea Level Assimilation in the Mediterranean Forecasting Model. Journal of Atmospheric and Oceanic Technology, 2010, 27, 2065-2082.	0.5	10
137	Multiscale modeling of coastal, shelf, and global ocean dynamics. Ocean Dynamics, 2013, 63, 1341-1344.	0.9	10
138	Numerical Modeling of Oil Pollution in the Eastern Mediterranean Sea. Handbook of Environmental Chemistry, 2017, , 215-254.	0.2	10
139	Modeling of the Turkish Strait System Using a High Resolution Unstructured Grid Ocean Circulation Model. Journal of Marine Science and Engineering, 2021, 9, 769.	1.2	10
140	Measurements of the polarization of high-energy muon beams. Il Nuovo Cimento A, 1981, 63, 441-458.	0.2	9
141	Comparison of marine insolation estimating methods in the adriatic sea. Ocean Science Journal, 2007, 42, 211-222.	0.6	9
142	Integration of Argo trajectories in the Mediterranean Forecasting System and impact on the regional analysis of the western Mediterranean circulation. Journal of Geophysical Research, 2010, 115, .	3.3	9
143	Past and Current Climate Changes in the Mediterranean Region. Advances in Global Change Research, 2013, , 9-51.	1.6	9
144	Ocean Integration: The Needs and Challenges of Effective Coordination Within the Ocean Observing System. Frontiers in Marine Science, 2022, 8, .	1.2	9

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145	Impact of Levantine Intermediate Water on the interannual variability of the Adriatic Sea based on simulations with a fine resolution ocean model. Ocean Modelling, 2013, 72, 253-263.	1.0	8
146	SeaConditions: a web and mobile service for safer professional and recreational activities in the Mediterranean Sea. Natural Hazards and Earth System Sciences, 2017, 17, 533-547.	1.5	8
147	A management oriented 1-D ecosystem model: Implementation in the Gulf of Trieste (Adriatic Sea). Regional Studies in Marine Science, 2016, 6, 109-123.	0.4	7
148	OSSE for a sustainable marine observing network in the Sea of Marmara. Nonlinear Processes in Geophysics, 2018, 25, 537-551.	0.6	7
149	On the Management of Nature-Based Solutions in Open-Air Laboratories: New Insights and Future Perspectives. Resources, 2021, 10, 36.	1.6	7
150	Monitoring and Forecasting the Ocean State and Biogeochemical Processes in the Black Sea: Recent Developments in the Copernicus Marine Service. Journal of Marine Science and Engineering, 2021, 9, 1146.	1.2	7
151	MAMAâ€"Towards a new paradigm for ocean monitoring in the Mediterranean. Elsevier Oceanography Series, 2003, , 46-56.	0.1	6
152	Data assimilation of Argo profiles in a northwestern Pacific model. Natural Hazards and Earth System Sciences, 2017, 17, 17-30.	1.5	6
153	Measuring the Sea: Marsiliâ€™s Oceanographic Cruise (1679â€“80) and the Roots of Oceanography. Journal of Physical Oceanography, 2018, 48, 845-860.	0.7	6
154	The Black Sea Physics Analysis and Forecasting System within the Framework of the Copernicus Marine Service. Journal of Marine Science and Engineering, 2022, 10, 48.	1.2	6
155	Assimilation of SLA along track observations in the Mediterranean with an oceanographic model forced by atmospheric pressure. Ocean Science, 2012, 8, 787-795.	1.3	5
156	The Mediterranean Sea we want. Ocean and Coastal Research, 2021, 69, .	0.3	5
157	Merging of barotropic symmetric vortices. A case study for gulf stream rings. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1991, 14, 539-553.	0.2	4
158	A Spectral Element Ocean Model on the Cray T3D: the interannual variability of the Mediterranean Sea general circulation. Physics and Chemistry of the Earth, 1998, 23, 491-495.	0.3	4
159	Marine Environment and Security for the European Area, MERSEA Strand-1. Elsevier Oceanography Series, 2003, 69, 279-284.	0.1	4
160	N3 potentials in response to high intensity auditory stimuli in animals with suspected cochleo-saccular deafness. Research in Veterinary Science, 2006, 81, 265-269.	0.9	4
161	Assimilation of oceanographic observations with estimates of vertical backgroundâ€error covariances by a Bayesian hierarchical model. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 182-194.	1.0	4
162	Inertial circulation of the western Mediterranean sea. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1985, 8, 822-841.	0.2	3

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163	Mediterranean and Global Ocean and Climate Dynamics. Eos, 1993, 74, 506.	0.1	3
164	Contribution of Cosmo/SkyMed data into PRIMI: A pilot project on marine oil pollution. results after one year of operations. , 2010, , .		3
165	SeaConditions: Present and future sea conditions for safer navigation (www.sea-conditions.com). , 2015, , .		3
166	A Quality Control Procedure for Climatological Studies Using Argo Data in the North Pacific Western Boundary Current Region. Journal of Atmospheric and Oceanic Technology, 2016, 33, 2717-2733.	0.5	3
167	Operational oceanography for the Marine Strategy Framework Directive: the case of the mixing indicator. Journal of Operational Oceanography, 2016, 9, s223-s233.	0.6	3
168	The Sea: The Science of Ocean Prediction. Journal of Marine Research, 2017, 75, 101-102.	0.3	3
169	A New Global Ocean Climatology. Frontiers in Environmental Science, 2021, 9, .	1.5	3
170	The EuroGOOS Mediterranean Test Case: science and implementation plan. Elsevier Oceanography Series, 1997, 62, 549-557.	0.1	2
171	Cyprus coastal ocean forecasting and observing system. Elsevier Oceanography Series, 2003, 69, 36-45.	0.1	2
172	COSMO-SkyMed contribution in oil spill monitoring of the Mediterranean Sea. , 2009, , .		2
173	Linking 1D coastal ocean modelling to environmental management: an ensemble approach. Ocean Dynamics, 2017, 67, 1627-1644.	0.9	2
174	Modeling and forecasting the "weather of the ocean" at the mesoscale. Journal of Marine Research, 2017, 75, 301-329.	0.3	2
175	Observational Evidence of the Basinâ€Wide Gyre Reversal in the Gulf of Taranto. Geophysical Research Letters, 2020, 47, e2020GL091030.	1.5	2
176	Development of super-ensemble techniques for ocean analyses: the Mediterranean Sea case. Natural Hazards and Earth System Sciences, 2016, 16, 1807-1819.	1.5	2
177	Long-term sustained observing system for climatic variability studies in the Mediterranean. Elsevier Oceanography Series, 2003, , 78-86.	0.1	1
178	The study of seasonal variability in the Adriatic Sea with the use of EOF analysis. Elsevier Oceanography Series, 2003, , 222-225.	0.1	1
179	BFM17 v1.0: a reduced biogeochemical flux model for upper-ocean biophysical simulations. Geoscientific Model Development, 2021, 14, 2419-2442.	1.3	1
180	Sea-basin monitoring system assessment activity to support sustainable growth in the marine and maritime economy. , 2019, , 585-591.		1

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181	All Kinds of Integration: WMOâ€™s Strategy for Seamless Prediction. Bulletin of the American Meteorological Society, 2020, 101, 509-512.	1.7	1
182	A narrative of historical, methodological, and technological observations in marine science. , 2022, , 3-64.		1
183	Global ocean data assimilation of temperature data: preliminary results. Elsevier Oceanography Series, 1997, 62, 395-400.	0.1	0
184	Seasonal variability of the levantine intermediate waters in the Western Mediterranean-Algerian/ProvenÃ§al basin. Elsevier Oceanography Series, 1997, , 576-583.	0.1	0
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