Antonio Pusceddu

List of Publications by Year
in descending order

93 papers	3,801 citations	126907 33 h-index	138484 58 g-index
101 all docs	101 docs citations	101 times ranked	3813 citing authors

#	Article	IF	Citations
1	Rivers of waste: Anthropogenic litter in intermittent Sardinian rivers, Italy (Central Mediterranean). Environmental Pollution, 2022, 302, 119073.	7.5	10
2	Environmental Status and Geomorphological Characterisation of Seven Black Coral Forests on the Sardinian Continental Shelf (NW Mediterranean Sea). Biology, 2022, 11, 732.	2.8	2
3	Effects of Field Simulated Marine Heatwaves on Sedimentary Organic Matter Quantity, Biochemical Composition, and Degradation Rates. Biology, 2022, 11, 841.	2.8	1
4	Mediterranean rocky reefs in the Anthropocene: Present status and future concerns. Advances in Marine Biology, 2021, 89, 1-51.	1.4	20
5	Colonization of plastic debris by the long-lived precious red coral Corallium rubrum: New insights on the â€œplastic benefitsâ€•paradox. Marine Pollution Bulletin, 2021, 165, 112104.	5.0	11
6	Particulate organic matter release below melting sea ice (Terra Nova Bay, Ross Sea, Antarctica): Possible relationships with zooplankton. Journal of Marine Systems, 2021, 217, 103510.	2.1	3
7	Foraging of the sea urchin Paracentrotus lividus (Lamarck, 1816) on invasive allochthonous and autochthonous algae. Marine Environmental Research, 2021, 170, 105428.	2.5	4
8	Microplastic pollution in perch (Perca fluviatilis, Linnaeus 1758) from Italian south-alpine lakes. Environmental Pollution, 2021, 288, 117782.	7.5	25
9	Biology, ecology and management perspectives of overexploited deposit-feeders sea cucumbers, with focus on Holothuria tubulosa (Gmelin, 1788). Advances in Oceanography and Limnology, 2021, 12, .	0.6	6
10	Ocean acidification alters meiobenthic assemblage composition and organic matter degradation rates in seagrass sediments. Limnology and Oceanography, 2020, 65, 37-50.	3.1	14
11	Impact of historical sulfide mine tailings discharge on meiofaunal assemblages (PortmÃ¡n Bay,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	8.0	16
12	Sedimentary Organic Matter, Prokaryotes, and Meiofauna across a River-Lagoon-Sea Gradient. Diversity, 2020, 12, 189.	1.7	7
13	Implementation of the EU ecological flow policy in Italy with a focus on Sardinia. Advances in Oceanography and Limnology, 2020, 11, .	0.6	7
14	Benthic Crustacean Digestion Can Modulate the Environmental Fate of Microplastics in the Deep Sea. Environmental Science & Technology, 2020, 54, 4886-4892.	10.0	96
15	Potentially combined effect of the invasive seaweed Caulerpa cylindracea (Sonder) and sediment deposition rates on organic matter and meiofaunal assemblages. Marine Environmental Research, 2020, 159, 104966.	2.5	14
16	Benthic foraminifera as tracers of brine production in the Storfjorden â€œsea ice factoryâ€• Biogeosciences, 2020, 17, 1933-1953.	3.3	23
17	Microplastics in the crustaceans Nephrops norvegicus and Aristeus antennatus: Flagship species for deep-sea environments?. Environmental Pollution, 2019, 255, 113107.	7.5	95
18	Small-scale distribution of metazoan meiofauna and sedimentary organic matter in subtidal sandy sediments (Mediterranean Sea). Advances in Oceanography and Limnology, 2019, 10, .	0.6	3

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19	European spiny lobster recovery from overfishing enhanced through active restocking in Fully Protected Areas. Scientific Reports, 2019, 9, 13025.	3.3	10
20	Shelf-life and labels: A cheap dating tool for seafloor macro litter? Insights from MEDITS surveys in Sardinian sea. Marine Pollution Bulletin, 2019, 141, 430-433.	5.0	10
21	Assessing the potential of marine Natura 2000 sites to produce ecosystemâ€wide effects in rocky reefs: A case study from Sardinia Island (Italy). Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 537-545.	2.0	10
22	Organic matter contents and degradation in a highly trawled area during fresh particle inputs (Gulf) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	22
23	Geostatistical approach to investigate spatial patterns of the endangered fan mussel Pinna nobilis (Linnaeus, 1758). Regional Studies in Marine Science, 2019, 32, 100884.	0.7	3
24	Fragment quality and sediment organic loading regulate the survival of an invasive, clonal seaweed. Biological Invasions, 2018, 20, 1953-1959.	2.4	8
25	Benthic foraminiferal assemblages in the Cap de Creus canyon and adjacent open slope: Potential influence of dense shelf water cascading and open-ocean convection. Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 136, 31-43.	1.4	2
26	Belowâ€ground processes control the success of an invasive seaweed. Journal of Ecology, 2018, 106, 2082-2095.	4.0	20
27	Nematode biodiversity and benthic trophic state are simple tools for the assessment of the environmental quality in coastal marine ecosystems. Ecological Indicators, 2018, 95, 270-287.	6.3	26
28	Dumping to the abyss: single-use marine litter invading bathyal plains of the Sardinian margin (Tyrrhenian Sea). Marine Pollution Bulletin, 2018, 135, 845-851.	5.0	36
29	Submarine canyons along the upper Sardinian slope (Central Western Mediterranean) as repositories for derelict fishing gears. Marine Pollution Bulletin, 2017, 123, 357-364.	5.0	74
30	Potential effects of an invasive seaweed (Caulerpa cylindracea, Sonder) on sedimentary organic matter and microbial metabolic activities. Scientific Reports, 2017, 7, 12113.	3.3	33
31	Functional response to food limitation can reduce the impact of global change in the deepâ€sea benthos. Global Ecology and Biogeography, 2017, 26, 1008-1021.	5.8	40
32	Biodiversity loss and turnover in alternative states in the Mediterranean Sea: a case study on meiofauna. Scientific Reports, 2016, 6, 34544.	3.3	36
33	Meiofauna communities, nematode diversity and C degradation rates in seagrass (Posidonia oceanica) Tj ETQq1 1 0.784314 rgBT /Ov Environmental Research, 2016, 119, 88-99.	2.5	34
34	Large marine protected areas (LMPAs) in the Mediterranean Sea: The opportunity of the Adriatic Sea. Marine Policy, 2016, 68, 165-177.	3.2	60
35	Organic matter pools, C turnover and meiofaunal biodiversity in the sediments of the western Spitsbergen deep continental margin, Svalbard Archipelago. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 107, 48-58.	1.4	8
36	Trophic status and meiofauna biodiversity in the Northern Adriatic Sea: Insights for the assessment of good environmental status. Marine Environmental Research, 2016, 113, 18-30.	2.5	34

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37	Quantity and biochemical composition of particulate organic matter in a highly trawled area (Thermaikos Gulf, Eastern Mediterranean Sea). Advances in Oceanography and Limnology, 2015, 6, .	0.6	7
38	Organic carbon inputs to the sea bottom of the Mallorca continental slope. Journal of Marine Systems, 2015, 148, 142-151.	2.1	13
39	Do colonies ofLytocarpia myriophyllum, L. 1758 (Cnidaria, Hydrozoa) affect the biochemical composition and the meiofaunal diversity of surrounding sediments?. Chemistry and Ecology, 2015, 31, 1-21.	1.6	21
40	Particle sources and downward fluxes in the eastern Fram strait under the influence of the west Spitsbergen current. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 103, 49-63.	1.4	17
41	Chronic and intensive bottom trawling impairs deep-sea biodiversity and ecosystem functioning. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8861-8866.	7.1	304
42	Species richness, species turnover and functional diversity in nematodes of the deep <scp>M</scp>editerranean <scp>S</scp>ea: searching for drivers at different spatial scales. Global Ecology and Biogeography, 2014, 23, 24-39.	5.8	53
43	Relationships between Meiofaunal Biodiversity and Prokaryotic Heterotrophic Production in Different Tropical Habitats and Oceanic Regions. PLoS ONE, 2014, 9, e91056.	2.5	44
44	Bioavailable compounds in sinking particulate organic matter, Blanes Canyon, NW Mediterranean Sea: Effects of a large storm and sea surface biological processes. Progress in Oceanography, 2013, 118, 108-121.	3.2	17
45	Meio- and macrofauna communities in three sandy beaches of the northern Adriatic Sea protected by artificial reefs. Chemistry and Ecology, 2013, 29, 181-195.	1.6	13
46	Enhancing resistance and resilience to disasters with microfinance: Parallels with ecological trophic systems. International Journal of Disaster Risk Reduction, 2013, 4, 52-62.	3.9	16
47	Multiple spatial scale analyses provide new clues on patterns and drivers of deep-sea nematode diversity. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 92, 97-106.	1.4	38
48	High Meiofaunal and Nematodes Diversity around Mesophotic Coral Oases in the Mediterranean Sea. PLoS ONE, 2013, 8, e66553.	2.5	19
49	Perception and Communication of Seismic Risk: The 6 April 2009 L'Aquila Earthquake Case Study. Earthquake Spectra, 2012, 28, 159-183.	3.1	27
50	Meiobenthos in earthen ponds used for semi-intensive shrimp farming (New Caledonia, South Pacific). Chemistry and Ecology, 2012, 28, 506-523.	1.6	3
51	Deep Coral Oases in the South Tyrrhenian Sea. PLoS ONE, 2012, 7, e49870.	2.5	98
52	Canyon conditions impact carbon flows in food webs of three sections of the NazarÃ© canyon. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2461-2476.	1.4	71
53	Sea Ice, 2nd edn. Marine Ecology, 2011, 32, 132-133.	1.1	1
54	Trophic status of earthen ponds used for semi-intensive shrimp (Litopenaeus stylirostris, Stimpson,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	12

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55	Assessment of benthic trophic status of marine coastal ecosystems: Significance of meiofaunal rare taxa. Estuarine, Coastal and Shelf Science, 2011, 93, 420-430.	2.1	68
56	Characteristics of the Mesophotic Megabenthic Assemblages of the Vercelli Seamount (North) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	2.5	123
57	Biochemical composition of a meso-bathyal lobster. Chemistry and Ecology, 2010, 26, 73-79.	1.6	1
58	Fish-farm impact on metazoan meiofauna in the Mediterranean Sea: Analysis of regional vs. habitat effects. Marine Environmental Research, 2010, 69, 38-47.	2.5	58
59	Organic matter in sediments of canyons and open slopes of the Portuguese, Catalan, Southern Adriatic and Cretan Sea margins. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 441-457.	1.4	116
60	Ecosystem effects of dense water formation on deep Mediterranean Sea ecosystems: an overview. Advances in Oceanography and Limnology, 2010, 1, 67.	0.6	16
61	Advances in limnological and oceanographic research in Italy: the history of the Italian Association of Limnology and Oceanography (AIOL). Advances in Oceanography and Limnology, 2010, 1, 1.	0.6	0
62	Bioremediation of petroleum hydrocarbons in anoxic marine sediments: Consequences on the speciation of heavy metals. Marine Pollution Bulletin, 2009, 58, 1808-1814.	5.0	57
63	Exergy, ecosystem functioning and efficiency in a coastal lagoon: The role of auxiliary energy. Estuarine, Coastal and Shelf Science, 2009, 84, 227-236.	2.1	13
64	Microbial loop malfunctioning in the annual sea ice at Terra Nova Bay (Antarctica). Polar Biology, 2009, 32, 337-346.	1.2	26
65	Archaeal Diversity in Deep-Sea Sediments Estimated by Means of Different Terminal-Restriction Fragment Length Polymorphisms (T-RFLP) Protocols. Current Microbiology, 2009, 59, 356-361.	2.2	19
66	Response of BITS (a benthic index based on taxonomic sufficiency) to water and sedimentary variables and comparison with other indices in three Adriatic lagoons. Marine Ecology, 2009, 30, 255-268.	1.1	24
67	Prokaryote diversity and viral production in deep-sea sediments and seamounts. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 738-747.	1.4	52
68	Organic matter composition, metazoan meiofauna and nematode biodiversity in Mediterranean deep-sea sediments. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 755-762.	1.4	59
69	Climate Change and the Potential Spreading of Marine Mucilage and Microbial Pathogens in the Mediterranean Sea. PLoS ONE, 2009, 4, e7006.	2.5	123
70	Effects of fish farm waste on Posidonia oceanica meadows: Synthesis and provision of monitoring and management tools. Marine Pollution Bulletin, 2008, 56, 1618-1629.	5.0	142
71	Intertidal benthic communities of two Chilean coastal islands (Santa MarÃa and Mocha, Southeastern) Tj ETQq1 1 0.784314 rgBT /Ov	1.6	7
72	EFFECTS OF INTENSIVE MARICULTURE ON SEDIMENT BIOCHEMISTRY. , 2007, 17, 1366-1378.		90

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73	Biodiversity and ecosystem functioning in coastal lagoons: Does microbial diversity play any role?. Estuarine, Coastal and Shelf Science, 2007, 75, 4-12.	2.1	84
74	Particulate organic matter uptake rates of two benthic filter-feeders (Sabella spallanzanii and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Pollution Bulletin, 2007, 54, 622-625.	5.0	12
75	Response of Benthic Protozoa and Thraustochytrid Protists to Fish Farm Impact in Seagrass (Posidonia oceanica) and Soft-Bottom Sediments. Microbial Ecology, 2005, 50, 268-276.	2.8	32
76	Sediment Resuspension Effects on the Benthic Microbial Loop in Experimental Microcosms. Microbial Ecology, 2005, 50, 602-613.	2.8	23
77	Benthic microbial abundance and activities in an intensively trawled ecosystem (Thermaikos Gulf,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	23
78	Biodiversity response to climate change in a warm deep sea. Ecology Letters, 2004, 7, 821-828.	6.4	164
79	Short-term response of benthic bacteria and nanoflagellates to sediment resuspension: an experimental study. Chemistry and Ecology, 2004, 20, 107-121.	1.6	77
80	Enzymatically hydrolyzable protein and carbohydrate sedimentary pools as indicators of the trophic state of detritus sink systems: A case study in a Mediterranean coastal lagoon. Estuaries and Coasts, 2003, 26, 641-650.	1.7	123
81	Benthic microbial loop functioning in coastal lagoons: a comparative approach. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2003, 26, 27-38.	0.7	91
82	Where is the climate?. Trends in Ecology and Evolution, 2002, 17, 14.	8.7	1
83	Deep-sea ecosystem response to climate changes: the eastern Mediterranean case study. Trends in Ecology and Evolution, 2001, 16, 505-510.	8.7	117
84	Biochemical composition of pico-, nano- and micro-particulate organic matter and bacterioplankton biomass in the oligotrophic Cretan Sea (NE Mediterranean). Progress in Oceanography, 2000, 46, 279-310.	3.2	50
85	Organic matter composition of the continental shelf and bathyal sediments of the Cretan Sea (NE) Tj ETQq1 1 0.784314 rgBT /Overlock	3.2	91
86	Organic matter composition in coastal sediments at Terra Nova Bay (Ross Sea) during summer 1995. Polar Biology, 2000, 23, 288-293.	1.2	86
87	Origin, biochemical composition and vertical flux of particulate organic matter under the pack ice in Terra Nova Bay (Ross Sea, Antarctica) during late summer 1995. Polar Biology, 1999, 22, 124-132.	1.2	36
88	Meiofaunal assemblages associated with scallop beds (Adamussium colbecki) in the coastal sediments of Terra Nova Bay (Ross Sea, Antarctica). Antarctic Science, 1999, 11, 415-418.	0.9	12
89	Total and hydrolizable particulate organic matter (carbohydrates, proteins and lipids) at a coastal station in Terra Nova Bay (Ross Sea, Antarctica). Polar Biology, 1998, 19, 125-132.	1.2	85
90	Short-term variations in particulate matter flux in Terra Nova Bay, Ross Sea. Antarctic Science, 1997, 9, 143-149.	0.9	51

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91	Changes in the Biochemical Composition ofTetraselmis SueciaandIsochrysis GalbanaDuring Growth and Decay. Chemistry and Ecology, 1996, 12, 199-212.	1.6	12
92	Seasonal Fluctuations in the Nutritional Value of Particulate Organic Matter in A Lagoon. Chemistry and Ecology, 1996, 13, 21-37.	1.6	32
93	When the Eel Meets Dams: Larger Damsâ€™ Long-Term Impacts on Anguilla anguilla (L., 1758). Frontiers in Environmental Science, 0, 10, .	3.3	7