Roberto Danovaro

List of Publications by Year
in descending order

218 papers	15,918 citations	22099 59 h-index	20307 116 g-index
222 all docs	222 docs citations	222 times ranked	15354 citing authors

#	Article	IF	Citations
1	Ecosystem service benefits and costs of deep-sea ecosystem restoration. Journal of Environmental Management, 2022, 303, 114127.	3.8	10
2	Local Environmental Conditions Promote High Turnover Diversity of Benthic Deep-Sea Fungi in the Ross Sea (Antarctica). Journal of Fungi (Basel, Switzerland), 2022, 8, 65.	1.5	3
3	Developing technological synergies between deep-sea and space research. Elementa, 2022, 10, .	1.1	8
4	Changes in coral forest microbiomes predict the impact of marine heatwaves on habitat-forming species down to mesophotic depths. Science of the Total Environment, 2022, 823, 153701.	3.9	13
5	Effects of Local Acidification on Benthic Communities at Shallow Hydrothermal Vents of the Aeolian Islands (Southern Tyrrhenian, Mediterranean Sea). Biology, 2022, 11, 321.	1.3	5
6	Impact of resuspended mine tailings on benthic biodiversity and ecosystem processes: The case study of PortmÃ¡n Bay, Western Mediterranean Sea, Spain. Environmental Pollution, 2022, 301, 119021.	3.7	3
7	Megafaunal assemblages in deep-sea ecosystems of the Gulf of Cadiz, northeast Atlantic ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2022, 183, 103738.	0.6	5
8	Impact of hypersaline brines on benthic meio- and macrofaunal assemblages: A comparison from two desalination plants of the Mediterranean Sea. Desalination, 2022, 532, 115756.	4.0	5
9	The rise and fall of an alien: why the successful colonizer Littorina saxatilis failed to invade the Mediterranean Sea. Biological Invasions, 2022, 24, 3169-3187.	1.2	39
10	A decade to study deep-sea life. Nature Ecology and Evolution, 2021, 5, 265-267.	3.4	43
11	Reply to: Ecological variables for deep-ocean monitoring must include microbiota and meiofauna for effective conservation. Nature Ecology and Evolution, 2021, 5, 30-31.	3.4	5
12	Restoration of <i>Cymodocea nodosa</i> seagrass meadows: efficiency and ecological implications. Restoration Ecology, 2021, 29, e13313.	1.4	17
13	Ocean Acidification Induces Changes in Virusâ€"Host Relationships in Mediterranean Benthic Ecosystems. Microorganisms, 2021, 9, 769.	1.6	10
14	Rolling Ironstones from Earth and Mars: Terrestrial Hydrothermal Ooids as a Potential Analogue of Martian Spherules. Minerals (Basel, Switzerland), 2021, 11, 460.	0.8	7
15	Research Trends and Future Perspectives in Marine Biomimicking Robotics. Sensors, 2021, 21, 3778.	2.1	16
16	Integrating Diel Vertical Migrations of Bioluminescent Deep Scattering Layers Into Monitoring Programs. Frontiers in Marine Science, 2021, 8, .	1.2	9
17	Marine ecosystem restoration in a changing ocean. Restoration Ecology, 2021, 29, e13432.	1.4	23
18	Silent winters and rock-and-roll summers: The long-term effects of changing oceans on marine fish vocalization. Ecological Indicators, 2021, 125, 107456.	2.6	7

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19	Marine protected areas and endangered shark conservation. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 2671-2672.	0.9	1
20	Abyssal fauna, benthic microbes, and organic matter quality across a range of trophic conditions in the western Pacific ocean. Progress in Oceanography, 2021, 195, 102591.	1.5	10
21	Identifying Priorities for the Protection of Deep Mediterranean Sea Ecosystems Through an Integrated Approach. Frontiers in Marine Science, 2021, 8, .	1.2	15
22	In situ experimental evidences for responses of abyssal benthic biota to shifts in phytodetritus compositions linked to global climate change. Global Change Biology, 2021, 27, 6139-6155.	4.2	7
23	A fastâ€moving target: achieving marine conservation goals under shifting climate and policies. Ecological Applications, 2020, 30, e02009.	1.8	71
24	Morphological and molecular responses of the sea urchin Paracentrotus lividus to highly contaminated marine sediments: The case study of Bagnoli-Coroglio brownfield (Mediterranean Sea). Marine Environmental Research, 2020, 154, 104865.	1.1	25
25	Microbial community and geochemical analyses of trans-trench sediments for understanding the roles of hadal environments. ISME Journal, 2020, 14, 740-756.	4.4	99
26	Panâ€regional marine benthic cryptobiome biodiversity patterns revealed by metabarcoding Autonomous Reef Monitoring Structures. Molecular Ecology, 2020, 29, 4882-4897.	2.0	19
27	The date mussel Lithophaga lithophaga: Biology, ecology and the multiple impacts of its illegal fishery. Science of the Total Environment, 2020, 744, 140866.	3.9	22
28	A Blueprint for an Inclusive, Global Deep-Sea Ocean Decade Field Program. Frontiers in Marine Science, 2020, 7, .	1.2	45
29	Multi-Collocation-Based Estimation of Wave Climate in a Non-Tidal Bay: The Case Study of Bagnoli-Coroglio Bay (Tyrrhenian Sea). Water (Switzerland), 2020, 12, 1936.	1.2	7
30	Multiple declines and recoveries of Adriatic seagrass meadows over forty years of investigation. Marine Pollution Bulletin, 2020, 161, 111804.	2.3	5
31	Towards a common approach to the assessment of the environmental status of deep-sea ecosystems in areas beyond national jurisdiction. Marine Policy, 2020, 121, 104182.	1.5	11
32	Acoustic indexes for marine biodiversity trends and ecosystem health. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190447.	1.8	18
33	Impact of historical sulfide mine tailings discharge on meiofaunal assemblages (PortmÃ¡n Bay,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.9	16
34	Global Deep-Sea Biodiversity Research Trends Highlighted by Science Mapping Approach. Frontiers in Marine Science, 2020, 7, .	1.2	29
35	Towards Naples Ecological REsearch for Augmented Observatories (NEREA): The NEREA-Fix Module, a Stand-Alone Platform for Long-Term Deep-Sea Ecosystem Monitoring. Sensors, 2020, 20, 2911.	2.1	11
36	Facilitating foundation species: The potential for plantâ€“bivalve interactions to improve habitat restoration success. Journal of Applied Ecology, 2020, 57, 1161-1179.	1.9	63

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37	Ecological assessment of anthropogenic impact in marine ecosystems: The case of Bagnoli Bay. Marine Environmental Research, 2020, 158, 104953.	1.1	13
38	Deep-sea litter in the Gulf of Cadiz (Northeastern Atlantic, Spain). Marine Pollution Bulletin, 2020, 153, 110969.	2.3	18
39	Ecological variables for developing a global deep-ocean monitoring and conservation strategy. Nature Ecology and Evolution, 2020, 4, 181-192.	3.4	142
40	Habitat Features and Their Influence on the Restoration Potential of Marine Habitats in Europe. Frontiers in Marine Science, 2020, 7, .	1.2	27
41	The Hierarchic Treatment of Marine Ecological Information from Spatial Networks of Benthic Platforms. Sensors, 2020, 20, 1751.	2.1	34
42	Oxygen supersaturation mitigates the impact of the regime of contaminated sediment reworking on sea urchin fertilization process. Marine Environmental Research, 2020, 158, 104951.	1.1	7
43	Sea urchin chronicles. The effect of oxygen super-saturation and marine polluted sediments from Bagnoli-Coroglio Bay on different life stages of the sea urchin Paracentrotus lividus. Marine Environmental Research, 2020, 159, 104967.	1.1	16
44	Marine Biology. Biodiversity and Functioning of Marine Ecosystems: Scientific Advancements and New Perspectives for Preserving Marine Life. , 2020, , 447-462.		1
45	Integrated characterization and risk management of marine sediments: The case study of the industrialized Bagnoli area (Naples, Italy). Marine Environmental Research, 2020, 160, 104984.	1.1	38
46	The deep sea: The new frontier for ecological restoration. Marine Policy, 2019, 108, 103642.	1.5	48
47	Possible links between holothurian lipid compositions and differences in organic matter (OM) supply at the western Pacific abyssal plains. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 152, 103085.	0.6	13
48	Marine Fungi: Biotechnological Perspectives from Deep-Hypersaline Anoxic Basins. Diversity, 2019, 11, 113.	0.7	24
49	Drivers of Bacterial Î±- and Î²-Diversity Patterns and Functioning in Subsurface Hadal Sediments. Frontiers in Microbiology, 2019, 10, 2609.	1.5	14
50	Viral Infections Boost Prokaryotic Biomass Production and Organic C Cycling in Hadal Trench Sediments. Frontiers in Microbiology, 2019, 10, 1952.	1.5	18
51	Scientistsâ€™ warning to humanity: microorganisms and climate change. Nature Reviews Microbiology, 2019, 17, 569-586.	13.6	1,138
52	Habitat mapping in the European Seas - is it fit for purpose in the marine restoration agenda?. Marine Policy, 2019, 106, 103521.	1.5	31
53	New High-Tech Flexible Networks for the Monitoring of Deep-Sea Ecosystems. Environmental Science & Technology, 2019, 53, 6616-6631.	4.6	93
54	Threats to marine biodiversity in European protected areas. Science of the Total Environment, 2019, 677, 418-426.	3.9	54

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55	Lessons from photo analyses of Autonomous Reef Monitoring Structures as tools to detect (bio-)geographical, spatial, and environmental effects. Marine Pollution Bulletin, 2019, 141, 420-429.	2.3	32
56	A unique and threatened deep water coral-bivalve biotope new to the Mediterranean Sea offshore the Naples megalopolis. Scientific Reports, 2019, 9, 3411.	1.6	50
57	High diversity of benthic bacterial and archaeal assemblages in deep-Mediterranean canyons and adjacent slopes. Progress in Oceanography, 2019, 171, 154-161.	1.5	14
58	High rates of viral lysis stimulate prokaryotic turnover and C recycling in bathypelagic waters of a Ligurian canyon (Mediterranean Sea). Progress in Oceanography, 2019, 171, 70-75.	1.5	6
59	Macrofaunal assemblages in canyon and adjacent slope of the NW and Central Mediterranean systems. Progress in Oceanography, 2019, 171, 38-48.	1.5	5
60	Biodiversity and distribution of meiofauna in the Gioia, Petrace and Dohrn Canyons (Tyrrhenian Sea). Progress in Oceanography, 2019, 171, 162-174.	1.5	7
61	Meiofaunal biodiversity in submarine canyons of the Mediterranean Sea: A meta-analysis. Progress in Oceanography, 2019, 170, 69-80.	1.5	10
62	Limited impact of beach nourishment on macrofaunal recruitment/settlement in a site of community interest in coastal area of the Adriatic Sea (Mediterranean Sea). Marine Pollution Bulletin, 2018, 128, 259-266.	2.3	10
63	Global ocean conservation under the magnifying glass. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 259-260.	0.9	8
64	Adding the Third Dimension to Marine Conservation. Conservation Letters, 2018, 11, e12408.	2.8	27
65	Global Carbon Cycling on a Heterogeneous Seafloor. Trends in Ecology and Evolution, 2018, 33, 96-105.	4.2	117
66	Deep-sea mobile megafauna of Mediterranean submarine canyons and open slopes: Analysis of spatial and bathymetric gradients. Progress in Oceanography, 2018, 168, 23-34.	1.5	16
67	Benthic deep-sea fungi in submarine canyons of the Mediterranean Sea. Progress in Oceanography, 2018, 168, 57-64.	1.5	39
68	Rapid response of benthic deep-sea microbes (viruses and prokaryotes) to an intense dense shelf water cascading event in a submarine canyon of the NW Mediterranean Sea. Progress in Oceanography, 2018, 168, 35-42.	1.5	2
69	Human activities and resultant pressures on key European marine habitats: An analysis of mapped resources. Marine Policy, 2018, 98, 1-10.	1.5	42
70	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.	2.6	26
71	Oceans: going deep into their past to understand their future. Current Biology, 2018, 28, R806-R807.	1.8	0
72	A comparative analysis of metabarcoding and morphologyâ€based identification of benthic communities across different regional seas. Ecology and Evolution, 2018, 8, 8908-8920.	0.8	57

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73	Impact of breakwater relocation on benthic biodiversity associated with seagrass meadows of northern Adriatic Sea. Rendiconti Lincei, 2018, 29, 571-581.	1.0	8
74	Climate change impacts on the biota and on vulnerable habitats of the deep Mediterranean Sea. Rendiconti Lincei, 2018, 29, 525-541.	1.0	20
75	A submarine volcanic eruption leads to a novel microbial habitat. Nature Ecology and Evolution, 2017, 1, 144.	3.4	42
76	The deep-sea under global change. Current Biology, 2017, 27, R461-R465.	1.8	150
77	Potential impact of global climate change on benthic deep-sea microbes. FEMS Microbiology Letters, 2017, 364, .	0.7	49
78	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.	2.7	40
79	Assessing marine environmental status through microphytobenthos assemblages colonizing the Autonomous Reef Monitoring Structures (ARMS) and their potential in coastal marine restoration. Marine Pollution Bulletin, 2017, 125, 56-65.	2.3	24
80	High potential for temperate viruses to drive carbon cycling in chemoautotrophyâ€dominated shallowâ€water hydrothermal vents. Environmental Microbiology, 2017, 19, 4432-4446.	1.8	24
81	A bacterial community-based index to assess the ecological status of estuarine and coastal environments. Marine Pollution Bulletin, 2017, 114, 679-688.	2.3	120
82	Marine archaea and archaeal viruses under global change. F1000Research, 2017, 6, 1241.	0.8	14
83	Marine Microbial-Derived Molecules and Their Potential Use in Cosmeceutical and Cosmetic Products. Marine Drugs, 2017, 15, 118.	2.2	114
84	Major impacts of climate change on deep-sea benthic ecosystems. Elementa, 2017, 5, .	1.1	252
85	Implementing and Innovating Marine Monitoring Approaches for Assessing Marine Environmental Status. Frontiers in Marine Science, 2016, 3, .	1.2	163
86	Quantification of Viral and Prokaryotic Production Rates in Benthic Ecosystems: A Methods Comparison. Frontiers in Microbiology, 2016, 7, 1501.	1.5	15
87	The challenge of proving the existence of metazoan life in permanently anoxic deep-sea sediments. BMC Biology, 2016, 14, 43.	1.7	43
88	Seafloor heterogeneity influences the biodiversityâ€"ecosystem functioning relationships in the deep sea. Scientific Reports, 2016, 6, 26352.	1.6	75
89	Space invaders; biological invasions in marine conservation planning. Diversity and Distributions, 2016, 22, 1220-1231.	1.9	48
90	Enhanced viral activity and dark CO₂ fixation rates under oxygen depletion: the case study of the marine Lake Rogoznica. Environmental Microbiology, 2016, 18, 4511-4522.	1.8	19

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91	Virus-mediated archaeal hecatomb in the deep seafloor. Science Advances, 2016, 2, e1600492.	4.7	107
92	Macroecological drivers of archaea and bacteria in benthic deep-sea ecosystems. Science Advances, 2016, 2, e1500961.	4.7	52
93	CO2 leakage from carbon dioxide capture and storage (CCS) systems affects organic matter cycling in surface marine sediments. Marine Environmental Research, 2016, 122, 158-168.	1.1	15
94	Meiofauna communities, nematode diversity and C degradation rates in seagrass (Posidonia oceanica) Tj ETQq0 0 0 rgBT /Overlock 10 T Environmental Research, 2016, 119, 88-99.	1.1	34
95	Effects of antifouling booster biocide Irgarol 1051 on the structure of free living nematodes: a laboratory experiment. Environmental Sciences: Processes and Impacts, 2016, 18, 832-843.	1.7	6
96	Temperature impacts on deepâ€sea biodiversity. Biological Reviews, 2016, 91, 275-287.	4.7	113
97	Biodiversity and life strategies of deep-sea meiofauna and nematode assemblages in the Whittard Canyon (Celtic margin, NE Atlantic Ocean). Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 108, 13-22.	0.6	29
98	Impact of the biocide Irgarol on meiofauna and prokaryotes from the sediments of the Bizerte lagoonâ€"an experimental study. Environmental Science and Pollution Research, 2016, 23, 7712-7721.	2.7	3
99	Microbial assemblages for environmental quality assessment: Knowledge, gaps and usefulness in the European Marine Strategy Framework Directive. Critical Reviews in Microbiology, 2016, 42, 883-904.	2.7	61
100	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.	1.1	34
101	The Pillars of Hercules as a bathymetric barrier to gene flow promoting isolation in a global deepâ€sea shark (<i><scp>C</scp>entroscymnus coelolepis</i>). Molecular Ecology, 2015, 24, 6061-6079.	2.0	39
102	Impact of CO2 leakage from sub-seabed carbon dioxide capture and storage (CCS) reservoirs on benthic virusâ€"prokaryote interactions and functions. Frontiers in Microbiology, 2015, 6, 935.	1.5	22
103	Unveiling the Biodiversity of Deep-Sea Nematodes through Metabarcoding: Are We Ready to Bypass the Classical Taxonomy?. PLoS ONE, 2015, 10, e0144928.	1.1	70
104	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.	0.6	17
105	Marine biodiversity and ecosystem function relationships: The potential for practical monitoring applications. Estuarine, Coastal and Shelf Science, 2015, 161, 46-64.	0.9	117
106	Valuing unfamiliar Mediterranean deep-sea ecosystems using visual Q-methodology. Marine Policy, 2015, 61, 227-236.	1.5	26
107	Virus decomposition provides an important contribution to benthic deep-sea ecosystem functioning. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2014-9.	3.3	77
108	Ecology: Protect the deep sea. Nature, 2014, 505, 475-477.	13.7	95

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109	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.	3.3	304
110	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.	2.7	53
111	<i>Spinoloricus cinziae</i>(Phylum Loricifera), a new species from a hypersaline anoxic deep basin in the Mediterranean Sea. Systematics and Biodiversity, 2014, 12, 489-502.	0.5	36
112	Challenging the paradigms of deep-sea ecology. Trends in Ecology and Evolution, 2014, 29, 465-475.	4.2	280
113	Relationships between Meiofaunal Biodiversity and Prokaryotic Heterotrophic Production in Different Tropical Habitats and Oceanic Regions. PLoS ONE, 2014, 9, e91056.	1.1	44
114	Patterns and drivers of bacterial Î±â€•and Î²â€•diversity across vertical profiles from surface to subsurface sediments. Environmental Microbiology Reports, 2013, 5, 731-739.	1.0	23
115	Meiofauna assemblages of the Condor Seamount (North-East Atlantic Ocean) and adjacent deep-sea sediments. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 98, 87-100.	0.6	33
116	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.	1.5	17
117	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.	0.6	38
118	Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century. PLoS Biology, 2013, 11, e1001682.	2.6	194
119	Red coral extinction risk enhanced by ocean acidification. Scientific Reports, 2013, 3, 1457.	1.6	69
120	Synthesis of Knowledge on Marine Biodiversity in European Seas: From Census to Sustainable Management. PLoS ONE, 2013, 8, e58909.	1.1	32
121	High Meiofaunal and Nematodes Diversity around Mesophotic Coral Oases in the Mediterranean Sea. PLoS ONE, 2013, 8, e66553.	1.1	19
122	Viral infections stimulate the metabolism and shape prokaryotic assemblages in submarine mud volcanoes. ISME Journal, 2012, 6, 1250-1259.	4.4	32
123	A new molecular approach based on qPCR for the quantification of fecal bacteria in contaminated marine sediments. Journal of Biotechnology, 2012, 157, 446-453.	1.9	33
124	30 years of<i>Chemistry and Ecology</i>. Chemistry and Ecology, 2012, 28, 503-505.	0.6	0
125	Pockmarks enhance deepâ€sea benthic biodiversity: a case study in the western Mediterranean Sea. Diversity and Distributions, 2012, 18, 832-846.	1.9	52
126	High prokaryotic biodiversity associated with gut contents of the holothurian Molpadia musculus from the NazarÃ© Canyon (NE Atlantic). Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 63, 82-90.	0.6	22

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127	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.	0.6	71
128	Cosmopolitanism and Biogeography of the Genus Manganonema (Nematoda: Monhysterida) in the Deep Sea. Animals, 2011, 1, 291-305.	1.0	20
129	Marine viruses and global climate change. FEMS Microbiology Reviews, 2011, 35, 993-1034.	3.9	297
130	Mud volcanoes in the Mediterranean Sea are hot spots of exclusive meiobenthic species. Progress in Oceanography, 2011, 91, 260-272.	1.5	35
131	Assessment of benthic trophic status of marine coastal ecosystems: Significance of meiofaunal rare taxa. Estuarine, Coastal and Shelf Science, 2011, 93, 420-430.	0.9	68
132	<i>Vibrio harveyi</i> as a causative agent of the White Syndrome in tropical stony corals. Environmental Microbiology Reports, 2010, 2, 120-127.	1.0	86
133	The first metazoa living in permanently anoxic conditions. BMC Biology, 2010, 8, 30.	1.7	262
134	Viral decay and viral production rates in continental-shelf and deep-sea sediments of the Mediterranean Sea. FEMS Microbiology Ecology, 2010, 72, 208-218.	1.3	49
135	The contribution of deepâ€sea macrohabitat heterogeneity to global nematode diversity. Marine Ecology, 2010, 31, 6-20.	0.4	208
136	Deep-Sea Biodiversity in the Mediterranean Sea: The Known, the Unknown, and the Unknowable. PLoS ONE, 2010, 5, e11832.	1.1	321
137	The Biodiversity of the Mediterranean Sea: Estimates, Patterns, and Threats. PLoS ONE, 2010, 5, e11842.	1.1	1,439
138	A Census of Marine Biodiversity Knowledge, Resources, and Future Challenges. PLoS ONE, 2010, 5, e12110.	1.1	468
139	Shallow hydrothermal vents in the southern Tyrrhenian Sea. Chemistry and Ecology, 2010, 26, 285-298.	0.6	40
140	Fish-farm impact on metazoan meiofauna in the Mediterranean Sea: Analysis of regional vs. habitat effects. Marine Environmental Research, 2010, 69, 38-47.	1.1	58
141	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.	0.6	116
142	Global Patterns and Predictions of Seafloor Biomass Using Random Forests. PLoS ONE, 2010, 5, e15323.	1.1	287
143	Ecosystem effects of dense water formation on deep Mediterranean Sea ecosystems: an overview. Advances in Oceanography and Limnology, 2010, 1, 67.	0.2	16
144	Latitudinal, longitudinal and bathymetric patterns of abundance, biomass of metazoan meiofauna: importance of the rare taxa and anomalies in the deep Mediterranean Sea. Advances in Oceanography and Limnology, 2010, 1, 167.	0.2	26

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145	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.	0.2	0
146	Exploring Benthic Biodiversity Patterns and Hot Spots on European Margin Slopes. Oceanography, 2009, 22, 16-25.	0.5	46
147	The Future of Integrated Deep-Sea Research in Europe: The HERMIONE Project. Oceanography, 2009, 22, 178-191.	0.5	16
148	Cascades in Mediterranean Submarine Grand Canyons. Oceanography, 2009, 22, 26-43.	0.5	167
149	Bioremediation of petroleum hydrocarbons in anoxic marine sediments: Consequences on the speciation of heavy metals. Marine Pollution Bulletin, 2009, 58, 1808-1814.	2.3	57
150	Exergy, ecosystem functioning and efficiency in a coastal lagoon: The role of auxiliary energy. Estuarine, Coastal and Shelf Science, 2009, 84, 227-236.	0.9	13
151	Biodiversity response to experimental induced hypoxic-anoxic conditions in seagrass sediments. Biodiversity and Conservation, 2009, 18, 33-54.	1.2	43
152	Trophic specialisation of metazoan meiofauna at the HÃ¥kon Mosby Mud Volcano: fatty acid biomarker isotope evidence. Marine Biology, 2009, 156, 1289-1296.	0.7	44
153	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.	1.0	19
154	Determination of viral production in aquatic sediments using the dilution-based approach. Nature Protocols, 2009, 4, 1013-1022.	5.5	30
155	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.	0.4	24
156	Prokaryote diversity and viral production in deep-sea sediments and seamounts. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 738-747.	0.6	52
157	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.	0.6	59
158	Climate Change and the Potential Spreading of Marine Mucilage and Microbial Pathogens in the Mediterranean Sea. PLoS ONE, 2009, 4, e7006.	1.1	123
159	Diversity and spatial distribution of metal-reducing bacterial assemblages in groundwaters of different redox conditions. International Microbiology, 2009, 12, 153-9.	1.1	11
160	Cytotoxic effects induced by hexachlorobenzene in <i>Squilla mantis</i> (L.) (Crustacea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (	2.1	2
161	RAPID IDENTIFICATION OF <i>PSEUDOMONAS</i> SPP. FROM AQUATIC SAMPLES USING TERMINAL RESTRICTION FRAGMENT LENGTH POLYMORPHISM ANALYSIS. Journal of Rapid Methods and Automation in Microbiology, 2008, 16, 351-373.	0.4	2
162	Deepâ€sea nematode biodiversity in the Mediterranean basin: testing for longitudinal, bathymetric and energetic gradients. Ecography, 2008, 31, 231-244.	2.1	100

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163	Major viral impact on the functioning of benthic deep-sea ecosystems. Nature, 2008, 454, 1084-1087.	13.7	366
164	Viriobenthos in freshwater and marine sediments: a review. Freshwater Biology, 2008, 53, 1186-1213.	1.2	125
165	Exponential Decline of Deep-Sea Ecosystem Functioning Linked to Benthic Biodiversity Loss. Current Biology, 2008, 18, 1-8.	1.8	641
166	Benthic input rates predict seagrass (Posidonia oceanica) fish farm-induced decline. Marine Pollution Bulletin, 2008, 56, 1332-1342.	2.3	60
167	Effects of fish farm waste on Posidonia oceanica meadows: Synthesis and provision of monitoring and management tools. Marine Pollution Bulletin, 2008, 56, 1618-1629.	2.3	142
168	Intertidal benthic communities of two Chilean coastal islands (Santa MarÃa and Mocha, Southeastern) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	7
169	Sunscreens Cause Coral Bleaching by Promoting Viral Infections. Environmental Health Perspectives, 2008, 116, 441-447.	2.8	426
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