Antonio Dell'Anno

List of Publications by Year
in descending order

171 papers	9,830 citations	30070 54 h-index	43889 91 g-index
179 all docs	179 docs citations	179 times ranked	9997 citing authors

#	Article	IF	Citations
1	Bioremediation of sediments contaminated with polycyclic aromatic hydrocarbons: the technological innovation patented review. International Journal of Environmental Science and Technology, 2022, 19, 5697-5720.	3.5	5
2	Environmental DNA metabarcoding for benthic monitoring: A review of sediment sampling and DNA extraction methods. Science of the Total Environment, 2022, 818, 151783.	8.0	62
3	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.	3.5	3
4	Acoustic Detection and Mapping of Submerged Stone Age Sites with Knapped Flint. , 2022, , 901-933.		1
5	Pollutant Pb burden in Mediterranean Centroscymnus coelolepis deep-sea sharks. Marine Pollution Bulletin, 2022, 174, 113245.	5.0	3
6	The Paradox of an Unpolluted Coastal Site Facing a Chronically Contaminated Industrial Area. Frontiers in Marine Science, 2022, 8, .	2.5	6
7	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.	8.0	13
8	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.	7.5	3
9	Fungi Can Be More Effective than Bacteria for the Bioremediation of Marine Sediments Highly Contaminated with Heavy Metals. Microorganisms, 2022, 10, 993.	3.6	12
10	Reply to: Ecological variables for deep-ocean monitoring must include microbiota and meiofauna for effective conservation. Nature Ecology and Evolution, 2021, 5, 30-31.	7.8	5
11	Restoration of <i>Cymodocea nodosa</i> seagrass meadows: efficiency and ecological implications. Restoration Ecology, 2021, 29, e13313.	2.9	17
12	Acoustic Mapping of Submerged Stone Age Sitesâ€”A HALD Approach. Remote Sensing, 2021, 13, 445.	4.0	9
13	Sensitivity of foraminiferal-based indices to evaluate the ecological quality status of marine coastal benthic systems: A case study of the Gulf of Manfredonia (southern Adriatic Sea). Marine Pollution Bulletin, 2021, 163, 111933.	5.0	12
14	Highly Contaminated Marine Sediments Can Host Rare Bacterial Taxa Potentially Useful for Bioremediation. Frontiers in Microbiology, 2021, 12, 584850.	3.5	33
15	Genome Sequence of an <i>Alkaliphilus</i> Species Isolated from Historically Contaminated Sediments of the Gulf of Naples (Mediterranean Sea). Microbiology Resource Announcements, 2021, 10, .	0.6	0
16	Multiple impacts of microplastics can threaten marine habitat-forming species. Communications Biology, 2021, 4, 431.	4.4	69
17	Diversity, Ecological Role and Biotechnological Potential of Antarctic Marine Fungi. Journal of Fungi (Basel, Switzerland), 2021, 7, 391.	3.5	20
18	Metagenome-assembled genome (MAG) of <i>Oceancaulis alexandrii</i> NP7 isolated from Mediterranean Sea polluted marine sediments and its bioremediation potential. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	6

#	Article	IF	Citations
19	Bacteria, Fungi and Microalgae for the Bioremediation of Marine Sediments Contaminated by Petroleum Hydrocarbons in the Omics Era. Microorganisms, 2021, 9, 1695.	3.6	55
20	In Vitro Evaluation of Antioxidant Potential of the Invasive Seagrass Halophila stipulacea. Marine Drugs, 2021, 19, 37.	4.6	2
21	Towards a marine strategy for the deep Mediterranean Sea: Analysis of current ecological status. Marine Policy, 2020, 112, 103781.	3.2	46
22	Metazoan life in anoxic marine sediments. , 2020, , 89-100.		0
23	High fungal-mediated leaching efficiency of valuable metals from deep-sea polymetallic nodules. Environmental Technology and Innovation, 2020, 20, 101037.	6.1	13
24	Assessing the efficiency and eco-sustainability of bioremediation strategies for the reclamation of highly contaminated marine sediments. Marine Environmental Research, 2020, 162, 105101.	2.5	11
25	Degradation of Hydrocarbons and Heavy Metal Reduction by Marine Bacteria in Highly Contaminated Sediments. Microorganisms, 2020, 8, 1402.	3.6	34
26	Multiple declines and recoveries of Adriatic seagrass meadows over forty years of investigation. Marine Pollution Bulletin, 2020, 161, 111804.	5.0	5
27	Impact of historical sulfide mine tailings discharge on meiofaunal assemblages (PortmÃ¡n Bay,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	8.0	16
28	Development of an Eco-Sustainable Solution for the Second Life of Decommissioned Oil and Gas Platforms: The Mineral Accretion Technology. Sustainability, 2020, 12, 3742.	3.2	15
29	Ecological assessment of anthropogenic impact in marine ecosystems: The case of Bagnoli Bay. Marine Environmental Research, 2020, 158, 104953.	2.5	13
30	Chemical contamination can promote turnover diversity of benthic prokaryotic assemblages: The case study of the Bagnoli-Coroglio bay (southern Tyrrhenian Sea). Marine Environmental Research, 2020, 160, 105040.	2.5	31
31	A high biodiversity mitigates the impact of ocean acidification on hard-bottom ecosystems. Scientific Reports, 2020, 10, 2948.	3.3	21
32	Impact of historical contamination on meiofaunal assemblages: The case study of the Bagnoli-Coroglio Bay (southern Tyrrhenian Sea). Marine Environmental Research, 2020, 156, 104907.	2.5	31
33	Ecological variables for developing a global deep-ocean monitoring and conservation strategy. Nature Ecology and Evolution, 2020, 4, 181-192.	7.8	142
34	New Insights for Early Warning and Countermeasures to Aquatic Pollution. , 2020, , 431-445.		1
35	Integrated characterization and risk management of marine sediments: The case study of the industrialized Bagnoli area (Naples, Italy). Marine Environmental Research, 2020, 160, 104984.	2.5	38
36	Anthropogenic noise and biological sounds in a heavily industrialized coastal area (Gulf of Naples,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.5	20

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37	The deep sea: The new frontier for ecological restoration. Marine Policy, 2019, 108, 103642.	3.2	48
38	Marine Fungi: Biotechnological Perspectives from Deep-Hypersaline Anoxic Basins. Diversity, 2019, 11, 113.	1.7	24
39	Patterns and environmental drivers of diversity and community composition of macrofauna in the Kveithola Trough (NW Barents Sea). Journal of Sea Research, 2019, 153, 101780.	1.6	7
40	Drivers of Bacterial Î±- and Î²-Diversity Patterns and Functioning in Subsurface Hadal Sediments. Frontiers in Microbiology, 2019, 10, 2609.	3.5	14
41	Viral Infections Boost Prokaryotic Biomass Production and Organic C Cycling in Hadal Trench Sediments. Frontiers in Microbiology, 2019, 10, 1952.	3.5	18
42	Dynamics of a biofouling community in finfish aquaculture: a case study from the South Adriatic Sea. Biofouling, 2019, 35, 696-709.	2.2	14
43	High diversity of benthic bacterial and archaeal assemblages in deep-Mediterranean canyons and adjacent slopes. Progress in Oceanography, 2019, 171, 154-161.	3.2	14
44	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.	3.2	6
45	Multiple human pressures in coastal habitats: variation of meiofaunal assemblages associated with sewage discharge in a post-industrial area. Science of the Total Environment, 2019, 655, 1218-1231.	8.0	54
46	Extracellular DNA as a genetic recorder of microbial diversity in benthic deep-sea ecosystems. Scientific Reports, 2018, 8, 1839.	3.3	41
47	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.	5.0	10
48	Biosurfactant-induced remediation of contaminated marine sediments: Current knowledge and future perspectives. Marine Environmental Research, 2018, 137, 196-205.	2.5	39
49	Detecting human-knapped flint with marine high-resolution reflection seismics: A preliminary study of new possibilities for subsea mapping of submerged Stone Age sites. Underwater Technology, 2018, 35, 35-49.	0.3	13
50	Benthic deep-sea fungi in submarine canyons of the Mediterranean Sea. Progress in Oceanography, 2018, 168, 57-64.	3.2	39
51	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.	3.2	2
52	Sulphur-oxidising bacteria isolated from deep caves improve the removal of arsenic from contaminated harbour sediments. Chemistry and Ecology, 2017, 33, 103-113.	1.6	9
53	A submarine volcanic eruption leads to a novel microbial habitat. Nature Ecology and Evolution, 2017, 1, 144.	7.8	42
54	The deep-sea under global change. Current Biology, 2017, 27, R461-R465.	3.9	150

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55	Environmental hazard assessment of a marine mine tailings deposit site and potential implications for deep-sea mining. Environmental Pollution, 2017, 228, 169-178.	7.5	50
56	Potential impact of global climate change on benthic deep-sea microbes. FEMS Microbiology Letters, 2017, 364, .	1.8	49
57	Transfer of labile organic matter and microbes from the ocean surface to the marine aerosol: an experimental approach. Scientific Reports, 2017, 7, 11475.	3.3	75
58	From virus isolation to metagenome generation for investigating viral diversity in deep-sea sediments. Scientific Reports, 2017, 7, 8355.	3.3	20
59	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
60	High potential for temperate viruses to drive carbon cycling in chemoautotrophyâ€dominated shallowâ€water hydrothermal vents. Environmental Microbiology, 2017, 19, 4432-4446.	3.8	24
61	A bacterial community-based index to assess the ecological status of estuarine and coastal environments. Marine Pollution Bulletin, 2017, 114, 679-688.	5.0	120
62	Marine archaea and archaeal viruses under global change. F1000Research, 2017, 6, 1241.	1.6	14
63	Marine Microbial-Derived Molecules and Their Potential Use in Cosmeceutical and Cosmetic Products. Marine Drugs, 2017, 15, 118.	4.6	114
64	Implementing and Innovating Marine Monitoring Approaches for Assessing Marine Environmental Status. Frontiers in Marine Science, 2016, 3, .	2.5	163
65	Quantification of Viral and Prokaryotic Production Rates in Benthic Ecosystems: A Methods Comparison. Frontiers in Microbiology, 2016, 7, 1501.	3.5	15
66	The challenge of proving the existence of metazoan life in permanently anoxic deep-sea sediments. BMC Biology, 2016, 14, 43.	3.8	43
67	Does bioleaching represent a biotechnological strategy for remediation of contaminated sediments?. Science of the Total Environment, 2016, 563-564, 302-319.	8.0	65
68	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.	3.8	19
69	Virus-mediated archaeal hecatomb in the deep seafloor. Science Advances, 2016, 2, e1600492.	10.3	107
70	Macroecological drivers of archaea and bacteria in benthic deep-sea ecosystems. Science Advances, 2016, 2, e1500961.	10.3	52
71	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.	2.5	15
72	Assessing viral taxonomic composition in benthic marine ecosystems: reliability and efficiency of different bioinformatic tools for viral metagenomic analyses. Scientific Reports, 2016, 6, 28428.	3.3	36

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73	Towards a better quantitative assessment of the relevance of deep-sea viruses, Bacteria and Archaea in the functioning of the ocean seafloor. Aquatic Microbial Ecology, 2015, 75, 81-90.	1.8	60
74	Biogeochemical Interactions In The Application Of Biotechnological Strategies To Marine Sediments Contaminated With Metals. Nova Biotechnologica Et Chimica, 2015, 14, 12-31.	0.1	7
75	Connecting marine productivity to sea-spray via nanoscale biological processes: Phytoplankton Dance or Death Disco?. Scientific Reports, 2015, 5, 14883.	3.3	75
76	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.	3.9	39
77	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.	3.5	22
78	Unveiling the Biodiversity of Deep-Sea Nematodes through Metabarcoding: Are We Ready to Bypass the Classical Taxonomy?. PLoS ONE, 2015, 10, e0144928.	2.5	70
79	Metagenetic tools for the census of marine meiofaunal biodiversity: An overview. Marine Genomics, 2015, 24, 11-20.	1.1	93
80	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.	7.1	77
81	Bioremediation of contaminated marine sediments can enhance metal mobility due to changes of bacterial diversity. Water Research, 2015, 68, 637-650.	11.3	92
82	Consequences of anaerobic biotreatments of contaminated sediments on metal mobility. International Journal of Environmental Science and Technology, 2015, 12, 2143-2152.	3.5	1
83	Degradation kinetics of butyltin compounds during the bioremediation of contaminated harbour sediments. Chemistry and Ecology, 2014, 30, 393-402.	1.6	4
84	Extracellular DNA can preserve the genetic signatures of present and past viral infection events in deep hypersaline anoxic basins. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133299.	2.6	69
85	Bioremediation of contaminated marine sediments: examples of successful applications. , 2014, , .		0
86	Investigations of deep, submerged Stone Age settlements covered by sea-floor sediments: Preliminary methodological considerations. , 2013, , .		2
87	Influence of biogeochemical interactions on metal bioleaching performance in contaminated marine sediment. Water Research, 2013, 47, 5139-5152.	11.3	36
88	Dark inorganic carbon fixation sustains the functioning of benthic deepâ€sea ecosystems. Global Biogeochemical Cycles, 2013, 27, 212-221.	4.9	69
89	Impact of aquaculture on benthic virusâ€“prokaryote interactions in the Mediterranean Sea. Water Research, 2013, 47, 1156-1168.	11.3	27
90	Chemical and biological strategies for the mobilisation of metals/semi-metals in contaminated dredged sediments: experimental analysis and environmental impact assessment. Chemistry and Ecology, 2013, 29, 415-426.	1.6	33

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91	Major consequences of an intense dense shelf water cascading event on deep-sea benthic trophic conditions and meiofaunal biodiversity. Biogeosciences, 2013, 10, 2659-2670.	3.3	42
92	Trophic state of benthic deep-sea ecosystems from two different continental margins off Iberia. Biogeosciences, 2013, 10, 2945-2957.	3.3	15
93	Viral infections stimulate the metabolism and shape prokaryotic assemblages in submarine mud volcanoes. ISME Journal, 2012, 6, 1250-1259.	9.8	32
94	A new molecular approach based on qPCR for the quantification of fecal bacteria in contaminated marine sediments. Journal of Biotechnology, 2012, 157, 446-453.	3.8	33
95	Assessment of biotechnological strategies for the valorization of metal bearing wastes. Waste Management, 2012, 32, 949-956.	7.4	87
96	The dark portion of the Mediterranean Sea is a bioreactor of organic matter cycling. Global Biogeochemical Cycles, 2012, 26, .	4.9	56
97	Viral metagenomics: a new and complementary tool for environmental quality assessment. Chemistry and Ecology, 2012, 28, 497-501.	1.6	4
98	High bacterial biodiversity increases degradation performance of hydrocarbons during bioremediation of contaminated harbor marine sediments. Environmental Pollution, 2012, 167, 85-92.	7.5	105
99	Effects of prokaryotic diversity changes on hydrocarbon degradation rates and metal partitioning during bioremediation of contaminated anoxic marine sediments. Marine Pollution Bulletin, 2012, 64, 1688-1698.	5.0	40
100	Improvement of Bioremediation Performance for the Degradation of Petroleum Hydrocarbons in Contaminated Sediments. Applied and Environmental Soil Science, 2011, 2011, 1-8.	1.7	20
101	Preservation, origin and genetic imprint of extracellular DNA in permanently anoxic deep-sea sediments. Molecular Ecology, 2011, 20, 642-654.	3.9	148
102	Marine viruses and global climate change. FEMS Microbiology Reviews, 2011, 35, 993-1034.	8.6	297
103	Bioremediation of marine sediments contaminated by hydrocarbons: Experimental analysis and kinetic modeling. Journal of Hazardous Materials, 2010, 182, 403-407.	12.4	74
104	Molecular approaches for the assessment of fecal bacterial contamination in marine harbor sediments. Journal of Biotechnology, 2010, 150, 221-222.	3.8	1
105	The first metazoa living in permanently anoxic conditions. BMC Biology, 2010, 8, 30.	3.8	262
106	Viral decay and viral production rates in continental-shelf and deep-sea sediments of the Mediterranean Sea. FEMS Microbiology Ecology, 2010, 72, 208-218.	2.7	49
107	Biogeochemistry, grain size and mineralogy of the central and southern Adriatic Sea sediments: a review. Chemistry and Ecology, 2010, 26, 19-44.	1.6	42
108	Biohydrometallurgy as a Remediation Strategy for Marine Sediments Contaminated by Heavy Metals. Advanced Materials Research, 2009, 71-73, 669-672.	0.3	2

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109	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
110	Microbial loop malfunctioning in the annual sea ice at Terra Nova Bay (Antarctica). Polar Biology, 2009, 32, 337-346.	1.2	26
111	Determination of viral production in aquatic sediments using the dilution-based approach. Nature Protocols, 2009, 4, 1013-1022.	12.0	30
112	Auto- and heterotrophic acidophilic bacteria enhance the bioremediation efficiency of sediments contaminated by heavy metals. Chemosphere, 2009, 74, 1321-1326.	8.2	70
113	Monitoring groundwater characteristics by means of a multi-parametric probe and sampling device. , 2009, , .		2
114	Quantity and bioavailability of sediment organic matter as signatures of benthic trophic status. Marine Ecology - Progress Series, 2009, 375, 41-52.	1.9	201
115	Diversity and spatial distribution of metal-reducing bacterial assemblages in groundwaters of different redox conditions. International Microbiology, 2009, 12, 153-9.	2.4	11
116	Cytotoxic effects induced by hexachlorobenzene in <i>Squilla mantis</i> (L.) (Crustacea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (	4.0	2
117	Major viral impact on the functioning of benthic deep-sea ecosystems. Nature, 2008, 454, 1084-1087.	27.8	366
118	Damage and degradation rates of extracellular DNA in marine sediments: implications for the preservation of gene sequences. Molecular Ecology, 2008, 17, 3939-3951.	3.9	193
119	Exponential Decline of Deep-Sea Ecosystem Functioning Linked to Benthic Biodiversity Loss. Current Biology, 2008, 18, 1-8.	3.9	641
120	Biochemical composition and early diagenesis of organic matter in coastal sediments of the NW Adriatic Sea influenced by riverine inputs. Chemistry and Ecology, 2008, 24, 75-85.	1.6	27
121	Bioremediation of Dredged Sediments Polluted by Heavy Metals. Advanced Materials Research, 2007, 20-21, 307-310.	0.3	2
122	Early diagenesis and trophic role of extracellular DNA in different benthic ecosystems. Limnology and Oceanography, 2007, 52, 1710-1717.	3.1	31
123	Viral infection plays a key role in extracellular DNA dynamics in marine anoxic systems. Limnology and Oceanography, 2007, 52, 508-516.	3.1	51
124	Measuring Species Richness Based on Microbial Community Fingerprints: the Emperor Has No Clothes. Applied and Environmental Microbiology, 2007, 73, 2399-2401.	3.1	100
125	Viruses, prokaryotes and biochemical composition of organic matter in different types of mucilage aggregates. Aquatic Microbial Ecology, 2007, 49, 15-23.	1.8	19
126	Vitellogenesis in the deep-sea sharkCentroscymnus coelolepis. Chemistry and Ecology, 2006, 22, 335-345.	1.6	7

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127	DNA extraction procedure: a critical issue for bacterial diversity assessment in marine sediments. Environmental Microbiology, 2006, 8, 308-320.	3.8	135
128	Comparison of Two Fingerprinting Techniques, Terminal Restriction Fragment Length Polymorphism and Automated Ribosomal Intergenic Spacer Analysis, for Determination of Bacterial Diversity in Aquatic Environments. Applied and Environmental Microbiology, 2006, 72, 5982-5989.	3.1	163
129	Viruses, prokaryotes and DNA in the sediments of a deep-hypersaline anoxic basin (DHAB) of the Mediterranean Sea. Environmental Microbiology, 2005, 7, 586-592.	3.8	89
130	Imbalance between phytoplankton production and bacterial carbon demand in relation to mucilage formation in the Northern Adriatic Sea. Science of the Total Environment, 2005, 353, 162-177.	8.0	30
131	Exo-enzymatic activities and dissolved organic pools in relation with mucilage development in the Northern Adriatic Sea. Science of the Total Environment, 2005, 353, 189-203.	8.0	44
132	Pelagic-Benthic Coupling and Diagenesis of Nucleic Acids in a Deep-Sea Continental Margin and an Open-Slope System of the Eastern Mediterranean. Applied and Environmental Microbiology, 2005, 71, 6070-6076.	3.1	17
133	Simultaneous Recovery of Extracellular and Intracellular DNA Suitable for Molecular Studies from Marine Sediments. Applied and Environmental Microbiology, 2005, 71, 46-50.	3.1	227
134	Extracellular DNA Plays a Key Role in Deep-Sea Ecosystem Functioning. Science, 2005, 309, 2179-2179.	12.6	309
135	Degradation and Turnover of Extracellular DNA in Marine Sediments: Ecological and Methodological Considerations. Applied and Environmental Microbiology, 2004, 70, 4384-4386.	3.1	139
136	Biodiversity response to climate change in a warm deep sea. Ecology Letters, 2004, 7, 821-828.	6.4	164
137	Bacterial diversity in deep Mediterranean sediments: relationship with the active bacterial fraction and substrate availability. Environmental Microbiology, 2004, 6, 745-753.	3.8	65
138	Biogeochemistry and algal communities in the annual sea ice at Terra Nova Bay (Ross Sea, Antarctica). Chemistry and Ecology, 2004, 20, 43-55.	1.6	18
139	Impact of bioavailable heavy metals on bacterial activities in coastal marine sediments. World Journal of Microbiology and Biotechnology, 2003, 19, 93-100.	3.6	54
140	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
141	A depocenter of organic matter at 7800m depth in the SE Pacific Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2003, 50, 1411-1420.	1.4	124
142	Biochemical composition and trophic strategies of the amphipodEurythenes gryllusat hadal depths (Atacama Trench, South Pacific). Chemistry and Ecology, 2003, 19, 441-449.	1.6	21
143	Mesoscale variability of organic matter composition in nw adriatic sediments. Chemistry and Ecology, 2003, 19, 33-45.	1.6	11
144	Population biology of Hirondellea sp. nov. (Amphipoda: Gammaridea: Lysianassoidea) from the Atacama Trench (south-east Pacific Ocean). Journal of the Marine Biological Association of the United Kingdom, 2002, 82, 419-425.	0.8	23

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145	Higher Abundance of Bacteria than of Viruses in Deep Mediterranean Sediments. Applied and Environmental Microbiology, 2002, 68, 1468-1472.	3.1	124
146	Quantification, base composition, and fate of extracellular DNA in marine sediments. Limnology and Oceanography, 2002, 47, 899-905.	3.1	97
147	Where is the climate?. Trends in Ecology and Evolution, 2002, 17, 14.	8.7	1
148	Assessing the trophic state and eutrophication of coastal marine systems: a new approach based on the biochemical composition of sediment organic matter. Marine Pollution Bulletin, 2002, 44, 611-622.	5.0	255
149	Deep-sea ecosystem response to climate changes: the eastern Mediterranean case study. Trends in Ecology and Evolution, 2001, 16, 505-510.	8.7	117
150	Small-Scale Distribution of Bacteria, Enzymatic Activities, and Organic Matter in Coastal Sediments. Microbial Ecology, 2001, 42, 177-185.	2.8	38
151	Fluxes of phytopigments and labile organic matter to the deep ocean in the NE Atlantic Ocean. Progress in Oceanography, 2001, 50, 89-104.	3.2	49
152	Microbial assemblages associated with sinking particles in the Porcupine Abyssal Plain (NE Atlantic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	21
153	Determination of Virus Abundance in Marine Sediments. Applied and Environmental Microbiology, 2001, 67, 1384-1387.	3.1	183
154	Bioavailability of organic matter in the sediments of the Porcupine Abyssal Plain, northeastern Atlantic. Marine Ecology - Progress Series, 2001, 220, 25-32.	1.9	66
155	Seasonal changes and biochemical composition of the labile organic matter flux in the Cretan Sea. Progress in Oceanography, 2000, 46, 259-278.	3.2	30
156	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
157	Organic matter composition of the continental shelf and bathyal sediments of the Cretan Sea (NE) Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	91
158	Bacterial response to seasonal changes in labile organic matter composition on the continental shelf and bathyal sediments of the Cretan Sea. Progress in Oceanography, 2000, 46, 345-366.	3.2	59
159	Structural and functional properties of sympagic communities in the annual sea ice at Terra Nova Bay (Ross Sea, Antarctica). Polar Biology, 2000, 23, 137-146.	1.2	57
160	Organic matter composition in coastal sediments at Terra Nova Bay (Ross Sea) during summer 1995. Polar Biology, 2000, 23, 288-293.	1.2	86
161	Enzymatically hydrolysed protein and carbohydrate pools in deep-sea sediments:estimates of the potentially bioavailable fraction and methodological considerations. Marine Ecology - Progress Series, 2000, 196, 15-23.	1.9	79
162	Nucleic acid concentrations (DNA, RNA) in the continental and deep-sea sediments of the eastern Mediterranean: relationships with seasonally varying organic inputs and bacterial dynamics. Deep-Sea Research Part I: Oceanographic Research Papers, 1999, 46, 1077-1094.	1.4	44

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163	Pelagic-Benthic Coupling of Nucleic Acids in an Abyssal Location of the Northeastern Atlantic Ocean. Applied and Environmental Microbiology, 1999, 65, 4451-4457.	3.1	28
164	Seasonal variation in the biochemical composition of deep-sea nematodes:bioenergetic and methodological considerations. Marine Ecology - Progress Series, 1999, 179, 273-283.	1.9	27
165	Particulate nucleic acid dynamics in a highly oligotrophic system:the Cretan Sea (Eastern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.9	10
166	Phytopigment and DNA determinations in long-time formalin-preserved trap samples. Marine Ecology - Progress Series, 1999, 191, 71-77.	1.9	11
167	Heterotrophic Nanoflagellates, Bacteria, and Labile Organic Compounds in Continental Shelf and Deep-Sea Sediments of the Eastern Mediterranean. Microbial Ecology, 1998, 35, 244-255.	2.8	75
168	Nucleic Acid (DNA, RNA) Quantification and RNA/DNA Ratio Determination in Marine Sediments: Comparison of Spectrophotometric, Fluorometric, and HighPerformance Liquid Chromatography Methods and Estimation of Detrital DNA. Applied and Environmental Microbiology, 1998, 64, 3238-3245.	3.1	110
169	Molecular Tools for the Analysis of DNA in Marine Environments. , 0, , 105-126.		4
170	Identifying Toxic Impacts of Metals Potentially Released during Deep-Sea Miningâ€"A Synthesis of the Challenges to Quantifying Risk. Frontiers in Marine Science, 0, 4, .	2.5	84
171	Marine Fungi as Potential Eco-Sustainable Resource for Precious Metals Recovery from Electronic Waste. Waste and Biomass Valorization, 0, , 1.	3.4	3