First insights into the biodiversity and biogeography of

Nature

447, 307-311

DOI: 10.1038/nature05827

Citation Report

#	Article	IF	Citations
1	Modern benthic ostracodes from Lutzow-Holm Bay, East Antarctica: paleoceanographic, paleobiogeographic, and evolutionary significance. Micropaleontology, 2007, 53, 469-496.	1.0	16
2	Introduction to ANDEEP, summary and outlook. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1645-1651.	1.4	24
3	The biodiversity and biogeography of komokiaceans and other enigmatic foraminiferan-like protists in the deep Southern Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1691-1719.	1.4	25
4	Recent deep-water sedimentation, trace metal and radioisotope geochemistry across the Southern Ocean and Northern Weddell Sea, Antarctica. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1652-1681.	1.4	26
5	Composition, abundance and distribution of Peracarida from the Southern Ocean deep sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1752-1759.	1.4	30
6	Deep-sea isopod biodiversity, abundance, and endemism in the Atlantic sector of the Southern Oceanâ€"Results from the ANDEEP Iâ€"III expeditions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1760-1775.	1.4	97
7	Climate Change and Invasibility of the Antarctic Benthos. Annual Review of Ecology, Evolution, and Systematics, 2007, 38, 129-154.	8.3	248
8	Species richness of the genus Molgolaimus (Nematoda) from local to ocean scale along continental slopes. Marine Ecology, 2007, 28, 446-459.	1.1	22
10	Peracarid composition, diversity and species richness in the area of the Northeast Water polynya, East Greenland (Crustacea, Malacostraca). Polar Biology, 2007, 31, 15-22.	1.2	15
11	Genetic differentiation between Arctic and Antarctic monothalamous foraminiferans. Polar Biology, 2008, 31, 1205-1216.	1.2	43
12	The thermohaline expressway: the Southern Ocean as a centre of origin for deepâ€sea octopuses. Cladistics, 2008, 24, 853-860.	3.3	137
13	Antarctic marine chemical ecology: what is next?. Marine Ecology, 2008, 29, 1-71.	1.1	113
14	Protecting Marine Biodiversity in Polar Areas Beyond National Jurisdiction. Review of European Community and International Environmental Law, 2008, 17, 3-13.	0.6	13
15	Surviving out in the cold: Antarctic endemic invertebrates and their refugia. Journal of Biogeography, 2008, 35, 2176-2186.	3.0	117
16	Deep-Sea Ecology: Infectious Impact on Ecosystem Function. Current Biology, 2008, 18, R1104-R1106.	3.9	3
17	Antarctic marine benthic diversity: patterns and processes. Journal of Experimental Marine Biology and Ecology, 2008, 366, 48-55.	1.5	93
18	Abyssal food limitation, ecosystem structure and climate change. Trends in Ecology and Evolution, 2008, 23, 518-528.	8.7	511
19	Deep-sea natural products. Natural Product Reports, 2008, 25, 1131.	10.3	176

#	Article	IF	Citations
20	Abyssal ostracods from the South and Equatorial Atlantic Ocean: Biological and paleoceanographic implications. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 490-497.	1.4	20
21	Abrupt climate change and collapse of deep-sea ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1556-1560.	7.1	112
22	Epibenthic macrofauna associated with the shelf and slope of a young and isolated Southern Ocean island. Antarctic Science, 2008, 20, 281-290.	0.9	41
23	Short Note: Late Miocene marine trace fossils from James Ross Island. Antarctic Science, 2008, 20, 591-592.	0.9	7
24	CLIMATIC INFLUENCES ON DEEPâ€SEA OSTRACODE (CRUSTACEA) DIVERSITY FOR THE LAST THREE MILLION YEARS. Ecology, 2008, 89, S53-65.	3.2	60
25	New species of Bairdioidea (Crustacea, Ostracoda) from the Southern Ocean anddiscussions on Bairdoppilata simplex (Brady, 1880), ?Bairdoppilata labiata(MÃ¼ller, 1908) and Bythopussella aculeata (MÃ¼ller, 1908). Zootaxa, 2008, 1866, 373.	0.5	20
26	First record and new species of the genus Hebefustis Siebenaller & Hessler, 1977(Isopoda: Asellota:) Tj ETQq0 0 0 rgBT /Overlock 1	0.5	2
27	Holodentata gen. nov. (Isopoda: Asellota: Paramunnidae) with a description of two new species: H. caeca and H. triangulata from the Southern Ocean. Zootaxa, 2009, 2096, 395-412.	0.5	3
28	A new genus and two new species of saccamminid foraminiferans (Protista, Rhizaria) from the deep Southern Ocean. Zootaxa, 2009, 2096, 9-22.	0.5	17
29	Temporal latitudinal-gradient dynamics and tropical instability of deep-sea species diversity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21717-21720.	7.1	88
30	Multiple origins of deep-sea Asellota (Crustacea: Isopoda) from shallow waters revealed by molecular data. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 799-808.	2.6	104
31	On Liljeborgia fissicornis (M. Sars, 1858) and three related new species from Scandinavia, with a hypothesis on the origin of the group fissicornis. Journal of Natural History, 2009, 43, 2087-2139.	0.5	5
32	Ribosomal DNA shows extremely low genetic divergence in a world-wide distributed, but disjunct and highly adapted marine protozoan (Virgulinella fragilis, Foraminiferida). Marine Micropaleontology, 2009, 70, 8-19.	1.2	39
33	Molecular coldâ€adaptation: Comparative analysis of two homologous families of psychrophilic and mesophilic signal proteins of the protozoan ciliate, Euplotes. IUBMB Life, 2009, 61, 838-845.	3.4	30
34	Biodiversity of an unknown Antarctic Sea: assessing isopod richness and abundance in the first benthic survey of the Amundsen continental shelf. Marine Biodiversity, 2009, 39, 27-43.	1.0	49
35	Community structure and diversity of polychaetes (Annelida) in the deep Weddell Sea (Southern) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	30
36	Benthic isopods (Crustacea, Malacostraca) from the Ross Sea, Antarctica: species checklist and their zoogeography in the Southern Ocean. Polar Biology, 2009, 32, 599-610.	1.2	14
37	Barcoding Antarctic Biodiversity: current status and the CAML initiative, a case study of marine invertebrates. Polar Biology, 2009, 32, 1629-1637.	1.2	44

#	Article	IF	Citations
38	Towards a generalized biogeography of the Southern Ocean benthos. Journal of Biogeography, 2009, 36, 162-177.	3.0	176
39	Marine, intertidal, freshwater and terrestrial biodiversity of an isolated polar archipelago. Journal of Biogeography, 2009, 36, 756-769.	3.0	44
40	Predicting global habitat suitability for stony corals on seamounts. Journal of Biogeography, 2009, 36, 1111-1128.	3.0	264
41	Ocean barriers and glaciation: evidence for explosive radiation of mitochondrial lineages in the Antarctic sea slug Doris kerguelenensis (Mollusca, Nudibranchia). Molecular Ecology, 2009, 18, 965-984.	3.9	144
42	Microbial oceanography in a sea of opportunity. Nature, 2009, 459, 180-184.	27.8	79
43	Relationships within the Munnopsidae (Crustacea, Isopoda, Asellota) based on three genes. Zoologica Scripta, 2009, 38, 617-635.	1.7	25
44	Deep-sea benthic diversity linked to seasonality of pelagic productivity. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 835-841.	1.4	70
45	Ecological niches of Arctic deep-sea copepods: Vertical partitioning, dietary preferences and different trophic levels minimize inter-specific competition. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 741-756.	1.4	36
46	Diversity and large-scale biogeography of Paramesochridae (Copepoda, Harpacticoida) in South Atlantic Abyssal Plains and the deep Southern Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 1804-1815.	1.4	28
47	Bathymetric distribution patterns of Southern Ocean macrofaunal taxa: Bivalvia, Gastropoda, Isopoda and Polychaeta. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 2013-2025.	1.4	45
48	Southern Ocean deep-sea biodiversityâ€"From patterns to processes. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 1732-1738.	1.4	4
49	Draconematidae (Nematoda) from cold-water corals in the Porcupine Seabight: The genus Cygnonema Allen & Noffsinger, 1978. Organisms Diversity and Evolution, 2009, 9, 37.e1-37.e20.	1.6	2
50	The Platycopid Signal of oxygen depletion in the ocean: A critical evaluation of the evidence from modern ostracod biology, ecology and depth distribution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 283, 126-133.	2.3	29
51	High densities and depth-associated changes of epibenthic megafauna along the Aleutian margin from 2000â€“4200Âm. Journal of the Marine Biological Association of the United Kingdom, 2009, 89, 1517-1527.	0.8	4
52	Geographic range shift responses to climate change by Antarctic benthos: where we should look. Marine Ecology - Progress Series, 2009, 393, 13-26.	1.9	70
53	Deep-sea ostracods from the South Atlantic sector of the Southern Ocean during the last 370,000 years. Journal of Paleontology, 2009, 83, 914-930.	0.8	30
54	In Linnaeusâ€™ Wake: 300 Years of Marine Discovery. Zoologica Scripta, 2009, 38, 1-6.	1.7	15
55	Significance of the trace fossil Zoophycos in Pliocene deposits, Antarctic continental margin (ANDRILL 1B drill core). Antarctic Science, 2009, 21, 609-618.	0.9	5

#	Article	IF	Citations
56	A new species ofThaumastoderma(Gastrotricha: Macrodasyida) from the Antarctic deep sea with a phylogenetic analysis of the whole genus. Journal of the Marine Biological Association of the United Kingdom, 2010, 90, 575-584.	0.8	7
57	Long-distance island hopping without dispersal stages: transportation across major zoogeographic barriers in a Southern Ocean isopod. Die Naturwissenschaften, 2010, 97, 583-594.	1.6	80
58	Cryptic mitochondrial lineages in the widespread pycnogonid Colossendeis megalonyx Hoek, 1881 from Antarctic and Subantarctic waters. Polar Biology, 2010, 33, 281-292.	1.2	95
59	Two new gorgonian genera (Octocorallia: Primnoidae) from Southern Ocean waters. Polar Biology, 2010, 33, 313-320.	1.2	10
60	Distribution and diversity of desmosomatid and nannoniscid isopods (Crustacea) on the Greenlandâ€“Icelandâ€“Faeroe Ridge. Polar Biology, 2010, 33, 515-530.	1.2	68
64	Incongruence between molecular phylogeny and morphological classification in amphipod crustaceans: A case study of Antarctic lysianassoids. Molecular Phylogenetics and Evolution, 2010, 55, 202-209.	2.7	51
65	Out of Antarctica? â€“ New insights into the phylogeny and biogeography of the Pleurobranchomorpha (Mollusca, Gastropoda). Molecular Phylogenetics and Evolution, 2010, 55, 996-1007.	2.7	37
66	The first metazoa living in permanently anoxic conditions. BMC Biology, 2010, 8, 30.	3.8	262
67	Areas of endemism in the Antarctic â€“ a case study of the benthic hydrozoan genus Oswaldella (Cnidaria, Kirchenpaueriidae). Journal of Biogeography, 2010, 37, 617-623.	3.0	20
68	Bryozoans of the Weddell Sea continental shelf, slope and abyss: did marine life colonize the Antarctic shelf from deep water, outlying islands orin siturefugia following glaciations?. Journal of Biogeography, 2010, 37, 1648-1656.	3.0	49
69	Circumantarctic distribution in Southern Ocean benthos? A genetic test using the genus Macroscapha (Crustacea, Ostracoda) as a model. Molecular Phylogenetics and Evolution, 2010, 55, 1055-1069.	2.7	63
70	Macrocyprididae (Ostracoda) from the Southern Ocean: taxonomic revision, macroecological patterns, and biogeographical implications. Zoological Journal of the Linnean Society, 0, 159, 567-672.	2.3	22
71	The contribution of deepâ€sea macrohabitat heterogeneity to global nematode diversity. Marine Ecology, 2010, 31, 6-20.	1.1	208
72	Macrofaunal community structure in the western Indian continental margin including the oxygen minimum zone. Marine Ecology, 2010, 31, 148-166.	1.1	68
73	Marine Biodiversity and Biogeography â€“ Regional Comparisons of Global Issues, an Introduction. PLoS ONE, 2010, 5, e11871.	2.5	27
74	Biodiversity Trends along the Western European Margin. PLoS ONE, 2010, 5, e14295.	2.5	40
75	Antarctic Marine Biodiversity â€“ What Do We Know About the Distribution of Life in the Southern Ocean?. PLoS ONE, 2010, 5, e11683.	2.5	246
76	Deep, diverse and definitely different: unique attributes of the world's largest ecosystem. Biogeosciences, 2010, 7, 2851-2899.	3.3	619

#	Article	IF	Citations
77	Temporal Change in Deep-Sea Benthic Ecosystems. Advances in Marine Biology, 2010, 58, 1-95.	1.4	134
78	Descriptions of two new species in the genus Macrostylis Sars, 1864 (Isopoda, Asellota, Macrostylidae) from the Weddell Sea (Southern Ocean), with a synonymisation of the genus Desmostylis Brandt, 1992 with Macrostylis. ZooKeys, 2010, 57, 9-49.	1.1	28
79	Diversity and distributional patterns of Polychaeta in the deep South Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 1329-1344.	1.4	18
80	Benthic macrofauna and megafauna assemblages in the Arctic deep-sea Canada Basin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 136-152.	1.4	69
81	Dispersal, survival and delayed growth of benthic foraminiferal propagules. Journal of Sea Research, 2010, 63, 36-51.	1.6	120
82	Submarine canyons: hotspots of benthic biomass and productivity in the deep sea. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2783-2792.	2.6	335
83	Seasonality, the latitudinal gradient of diversity, and Eocene insects. Paleobiology, 2010, 36, 374-398.	2.0	127
84	Biodiversity of a Unique Environment: The Southern Ocean Benthos Shaped and Threatened by Climate Change. , 2011, , 503-526.		12
85	Bioengineering Aspects in the Design of Gas Exchangers. , 2011, , .		17
86	Is there a distinct continental slope fauna in the Antarctic?. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 91-104.	1.4	33
87	Biodiversity change after climate-induced ice-shelf collapse in the Antarctic. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 74-83.	1.4	142
88	A lost world? Archaic crinoid-dominated assemblages on an Antarctic seamount. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 119-127.	1.4	57
89	DNA barcoding reveals new insights into the diversity of Antarctic species of Orchomene sensu lato (Crustacea: Amphipoda: Lysianassoidea). Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 230-241.	1.4	66
90	How many species in the Southern Ocean? Towards a dynamic inventory of the Antarctic marine species. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 5-17.	1.4	135
91	Abundance, diversity, and latitudinal gradients of southeastern Atlantic and Antarctic abyssal gastropods. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 49-57.	1.4	16
92	The Antarctic region as a marine biodiversity hotspot for echinoderms: Diversity and diversification of sea cucumbers. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 264-275.	1.4	56
93	Evolutionary pathways among shallow and deep-sea echinoids of the genus Sterechinus in the Southern Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 205-211.	1.4	66
94	Diet insights of deep-sea polychaetes derived from fatty acid analyses. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 153-162.	1.4	51

#	Article	IF	Citations
96	ANT XXIV/2 (SYSTCO) Hexactinellida (Porifera) and bathymetric traits of Antarctic glass sponges (incorporating ANDEEP-material); including an emendation of the rediscovered genus Lonchiphora. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2013-2021.	1.4	18
97	Redescription of Jenkina articulata BrÃ¸ndsted from the deep EckstrÃ¶m Shelf, E-Weddell Sea, Antarctica and a comment on the possible mass occurrence of this species. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2022-2026.	1.4	7
98	Maud Rise â€“ a snapshot through the water column. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 1962-1982.	1.4	35
99	Diversity and distribution of Polychaeta in deep Antarctic and Subantarctic waters along the Greenwich meridian. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2004-2012.	1.4	9
101	Fatty acid patterns of Southern Ocean shelf and deep sea peracarid crustaceans and a possible food source, foraminiferans. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2027-2035.	1.4	40
102	Cosmopolitanism and Biogeography of the Genus Manganonema (Nematoda: Monhysterida) in the Deep Sea. Animals, 2011, 1, 291-305.	2.3	20
103	Description of two new species of munnopsid isopods (Crustacea: Isopoda: Asellota) from manganese nodules area of the Clarion-Clipperton Fracture Zone, Pacific Ocean. Zootaxa, 2011, 2783, .	0.5	9
104	Eukaryotic Richness in the Abyss: Insights from Pyrotag Sequencing. PLoS ONE, 2011, 6, e18169.	2.5	207
105	Larval Transport Modeling of Deep-Sea Invertebrates Can Aid the Search for Undiscovered Populations. PLoS ONE, 2011, 6, e23063.	2.5	30
106	The use of sediment profile imaging (SPI) for environmental impact assessments and monitoring studies. Oceanography and Marine Biology, 2011, , .	1.0	10
107	New species and occurrences of <i>Bradleya</i> Benson, 1972, <i>Harleya</i> Jellinek & Swanson, 2003 and <i>Poseidonamicus</i> Benson, 1972 (Ostracoda: Cytheroidea) from the Atlantic Sector of the Southern Ocean. Journal of Micropalaeontology, 2011, 30, 141-166.	3.6	11
108	Predicting the number of known and unknown species in European seas using rates of description. Global Ecology and Biogeography, 2011, 20, 319-330.	5.8	62
109	Taxon-related diversity patterns from the continental shelf to the slope: a case study on nematodes from the Western Indian Ocean. Marine Ecology, 2011, 32, 453-467.	1.1	20
110	Evidence of hidden biodiversity, ongoing speciation and diverse patterns of genetic structure in giant Antarctic amphipods. Molecular Ecology, 2011, 20, 3439-3454.	3.9	95
111	Antarctic marine biology. Current Biology, 2011, 21, R451-R457.	3.9	33
112	Temperature-driven biogeography of the deep-sea family Lithodidae (Crustacea: Decapoda: Anomura) in the Southern Ocean. Polar Biology, 2011, 34, 363-370.	1.2	38
113	Antarctic DNA barcoding; a drop in the ocean?. Polar Biology, 2011, 34, 775-780.	1.2	40
114	Phylogenetic diversity of Gram-positive bacteria cultured from Antarctic deep-sea sponges. Polar Biology, 2011, 34, 1501-1512.	1.2	31

#	Article	IF	Citations
115	Gone with the currents: lack of genetic differentiation at the circum-continental scale in the Antarctic krill Euphausia superba. BMC Genetics, 2011, 12, 32.	2.7	51
116	Ultra-deep sequencing of foraminiferal microbarcodes unveils hidden richness of early monothalamous lineages in deep-sea sediments. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13177-13182.	7.1	127
117	Are there widespread peracarid species in the deep sea (Crustacea: Malacostraca)?. Polish Polar Research, 2012, 33, 139-162.	0.9	48
118	Large-scale distribution analysis of Antarctic echinoids using ecological niche modelling. Marine Ecology - Progress Series, 2012, 463, 215-230.	1.9	33
119	Antarctic Marine Biodiversity and Deep-Sea Hydrothermal Vents. PLoS Biology, 2012, 10, e1001232.	5.6	17
120	The Discovery of New Deep-Sea Hydrothermal Vent Communities in the Southern Ocean and Implications for Biogeography. PLoS Biology, 2012, 10, e1001234.	5.6	225
124	Seafloor Geomorphologyâ€"Coast, Shelf, and Abyss. , 2012, , 109-155.		3
125	Why might they be giants? Towards an understanding of polar gigantism. Journal of Experimental Biology, 2012, 215, 1995-2002.	1.7	75
126	On the genus Thaumatoconcha Kornicker and Sohn (Halocyprida) with description of two new species from Southern Ocean deep sea. Helgoland Marine Research, 2012, 66, 275-294.	1.3	5
127	Paleoceanographic significance of deep-sea benthic foraminiferal species diversity at southeastern Indian Ocean Hole 752A during the Neogene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 361-362, 94-103.	2.3	31
128	Spatial patterns and diversity of bryozoan communities from the Southern Ocean: South Shetland Islands, Bouvet Island and Eastern Weddell Sea. Systematics and Biodiversity, 2012, 10, 109-123.	1.2	49
129	Effects of Capability for Dispersal on the Evolution of Diversity in Antarctic Benthos. Integrative and Comparative Biology, 2012, 52, 470-482.	2.0	50
130	Benthic Foraminiferal Biogeography: Controls on Global Distribution Patterns in Deep-Water Settings. Annual Review of Marine Science, 2012, 4, 237-262.	11.6	102
131	Climatic forcing of Quaternary deep-sea benthic communities in the North Pacific Ocean. Paleobiology, 2012, 38, 162-179.	2.0	60
132	Diversity and Distribution Patterns in High Southern Latitude Sponges. PLoS ONE, 2012, 7, e41672.	2.5	108
133	Conquered from the Deep Sea? A New Deep-Sea Isopod Species from the Antarctic Shelf Shows Pattern of Recent Colonization. PLoS ONE, 2012, 7, e49354.	2.5	39
134	Presencia de Cistenides Elhersi Hessle, 1917 (Polychaeta Perctinariidae) en aguas someras magallÃ¡nicas habitadas por praderas de Ruppia Filifolia: Evidencia de Euribatia, Eurihalididad y Euritermia?. Anales Del Instituto De La Patagonia, 2012, 40, 125-139.	0.1	0
135	Taxonomy and distribution of sea anemones (Cnidaria: Actiniaria and Corallimorpharia) from deep water of the northeastern Pacific. Zootaxa, 2012, 3375, 1.	0.5	16

#	Article	IF	Citations
136	New subgenus and new species of marine benthic ostracods of genus Doloria (Ostracoda;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742 Td	0.5	2
137	Possible effects of global environmental changes on Antarctic benthos: a synthesis across five major taxa. Ecology and Evolution, 2012, 2, 453-485.	1.9	88
138	Conservation in the Anthropocene. Conservation Biology, 2012, 26, 185-188.	4.7	105
139	Cenozoic evolution of Muricidae (Mollusca, Neogastropoda) in the Southern Ocean, with the description of a new subfamily. Zoologica Scripta, 2012, 41, 596-616.	1.7	21
140	Eugerdella huberti sp. nov. - a new species of Desmosomatidae Sars, 1897 (Crustacea, Isopoda) from the deep-sea of the South Atlantic Ocean. Marine Biodiversity, 2012, 42, 13-24.	1.0	7
141	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. Marine Biology, 2013, 160, 2295-2317.	1.5	79
142	Adaptation and Evolution in Marine Environments, Volume 2. From Pole To Pole, 2013, , .	0.1	5
143	Sponge assemblages of the deep Weddell Sea: ecological and zoogeographic results of ANDEEP Iâ€“III and SYSTCO I expeditions. Polar Biology, 2013, 36, 1059-1068.	1.2	19
144	Macrofaunal crustaceans in the benthic boundary layer from the shelf break to abyssal depths in the Ross Sea (Antarctica). Polar Biology, 2013, 36, 445-451.	1.2	31
145	Feeding repellence in Antarctic bryozoans. Die Naturwissenschaften, 2013, 100, 1069-1081.	1.6	45
146	Plasticity in shell morphology and growth among deep-sea protobranch bivalves of the genus Yoldiella (Yoldiidae) from contrasting Southern Ocean regions. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 81, 14-24.	1.4	8
147	Diversity and distribution of peracarid crustaceans (Malacostraca) from the continental slope and the deep-sea basin of the Sea of Japan. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 86-87, 66-78.	1.4	47
148	Description of Baeonectes brandtae sp. nov. and redescription of Eurycope spinifrons Gurjanova, 1933 (Crustacea, Isopoda, Munnopsidae) from the deep-sea basin of the Sea of Japan. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 86-87, 79-102.	1.4	15
149	Preliminary data on the composition and distribution of polychaetes in the deep-water areas of the north-western part of the Sea of Japan. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 86-87, 164-171.	1.4	11
150	Seeing stars: a molecular and morphological investigation into the evolutionary history of Odontasteridae (Asteroidea) with description of a new species from the Galapagos Islands. Marine Biology, 2013, 160, 821-841.	1.5	5
151	Introduction to SoJaBio (Sea of Japan Biodiversity Studies). Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 86-87, 1-9.	1.4	40
152	Phylogenetic position of Antarctic Scalpelliformes (Crustacea: Cirripedia: Thoracica). Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 73, 99-116.	1.4	21
153	Epifauna of the Sea of Japan collected via a new epibenthic sledge equipped with camera and environmental sensor systems. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 86-87, 43-55.	1.4	90

#	Article	IF	Citations
154	Using fisheries byâ€catch data to predict octocoral habitat suitability around South Georgia. Journal of Biogeography, 2013, 40, 1688-1701.	3.0	20
155	Cytotoxic and apoptotic evaluations of marine bacteria isolated from brine-seawater interface of the Red Sea. BMC Complementary and Alternative Medicine, 2013, 13, 29.	3.7	30
156	Cenozoic climate change and diversification on the continental shelf and slope: evolution of gastropod diversity in the family Solariellidae (Trochoidea). Ecology and Evolution, 2013, 3, 887-917.	1.9	28
157	Pole-to-Pole Gene Flow in Protozoan Ciliates. From Pole To Pole, 2013, , 55-66.	0.1	3
158	<p class="HeadingRunIn">Two new species of calcareous sponges (Porifera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 waters</p>. Zootaxa, 2013, 3692, 149.	0.5	13
159	Treatise Online no. 61: Part N, Revised, Volume 1, Chapter 4: The early shell: Ontogeny, features, and evolution. Treatise Online, 2013, .	0.6	5
160	Is the Species Flock Concept Operational? The Antarctic Shelf Case. PLoS ONE, 2013, 8, e68787.	2.5	51
161	Antarctic Crabs: Invasion or Endurance?. PLoS ONE, 2013, 8, e66981.	2.5	49
162	<p class="HeadingRunIn">Southern Ocean Macrostylidae reviewed with a key to the species and new descriptions from Maud Rise</p>. Zootaxa, 2013, 3692, 160.	0.5	13
163	A new species of Fissarcturus Brandt, 1990 (Isopoda, Valvifera, Antarcturidae) from the Southern Ocean, off the South Sandwich Islands. Zootaxa, 2013, 3692, .	0.5	1
164	<p class="HeadingRunIn">A new species of Acanthaspidia Stebbing, 1898 (Isopoda, Asellota, Acanthaspidiidae) from the bathyal Weddell Sea (Southern) Tj ETQq0 0 0 rgBT /Overlock	0.5	2
165	<p class="HeadingRunIn">Demospongiae of ANT XXIV/2 (SYSTCO I) Expeditionâ€"Antarctic Eastern Weddell Sea</p>. Zootaxa, 2013, 3692, 28.	0.5	16
166	Anthropogenic Disturbance and Biodiversity of Marine Benthic Communities in Antarctica: A Regional Comparison. PLoS ONE, 2014, 9, e98802.	2.5	42
167	A Hierarchical Classification of Benthic Biodiversity and Assessment of Protected Areas in the Southern Ocean. PLoS ONE, 2014, 9, e100551.	2.5	46
168	Comparative Transcriptome Analysis of Two Oysters, Crassostrea gigas and Crassostrea hongkongensis Provides Insights into Adaptation to Hypo-Osmotic Conditions. PLoS ONE, 2014, 9, e111915.	2.5	46
169	New species of Hebefustis Siebenaller & Hessler 1977 (Isopoda, Asellota, Nannoniscidae) from the Clarion Clipperton Fracture Zone (equatorial NE Pacific). Zootaxa, 2014, 3784, 101-19.	0.5	5
170	A glimpse into the deep of the Antarctic Polar Front â€“ Diversity and abundance of abyssal molluscs. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 108, 93-100.	1.4	13
171	Molecular differentiation in sympatry despite morphological stasis: deep-seaAtlantoserolisâ€...WÃgele, 1994 andGlabroserolisâ€...Menzies, 1962 from the south-west Atlantic (Crustacea: Isopoda: Serolidae). Zoological Journal of the Linnean Society, 2014, 172, 318-359.	2.3	17

#	Article	IF	Citations
172	Cyclonic entrainment? The ichthyoplankton attributes of three major water mass types generated by the separation of the East Australian Current. ICES Journal of Marine Science, 2014, 71, 1696-1705.	2.5	21
173	Microbial community structure and nitrogenase gene diversity of sediment from a deep-sea hydrothermal vent field on the Southwest Indian Ridge. Acta Oceanologica Sinica, 2014, 33, 94-104.	1.0	9
174	Field and Laboratory Methods for DNA Studies on Deep-sea Isopod Crustaceans. Polish Polar Research, 2014, 35, 203-224.	0.9	58
175	ALPHA AND BETA DIVERSITY OF FORAMINIFERA THAT ENCRUST THE ANTARCTIC SCALLOP ADAMUSSIUM COLBECKI: ECOLOGICAL CONNECTIVITY AMONG SHELLS AND BETWEEN SITES. Journal of Foraminiferal Research, 2014, 44, 255-280.	0.5	6
176	Cheilostome bryozoan diversity from the southwest Atlantic region: Is Antarctica really isolated?. Journal of Sea Research, 2014, 85, 1-17.	1.6	20
177	Composition and distribution of selected munnopsid genera (Crustacea, Isopoda, Asellota) in Icelandic waters. Deep-Sea Research Part I: Oceanographic Research Papers, 2014, 84, 142-155.	1.4	22
178	Response of deepâ€sea biodiversity to abrupt deglacial and <scp>H</scp>olocene climate changes in the <scp>N</scp>orth <scp>A</scp>tlantic <scp>O</scp>cean. Global Ecology and Biogeography, 2014, 23, 957-967.	5.8	47
179	The spatial structure of Antarctic biodiversity. Ecological Monographs, 2014, 84, 203-244.	5.4	286
180	Ecological and evolutionary consequences of benthic community stasis in the very deep sea (>1500) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	8
181	The Halomonhystera disjuncta population is homogeneous across the HÃ¥kon Mosby mud volcano (Barents Sea) but is genetically differentiated from its shallow-water relatives. Journal of Zoological Systematics and Evolutionary Research, 2014, 52, 203-216.	1.4	12
182	Diversity and abundance of deep-sea Isopoda along the Southern Polar Front: Results from the SYSTCO I and II expeditions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 108, 76-84.	1.4	15
183	Composition and abundance of epibenthic-sledge catches in the South Polar Front of the Atlantic. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 108, 69-75.	1.4	16
184	Southern Polar Front macroecological and biogeographical insights gained from benthic Ostracoda. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 108, 33-50.	1.4	11
185	Patchiness of deep-sea benthic Foraminifera across the Southern Ocean: Insights from high-throughput DNA sequencing. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 108, 17-26.	1.4	59
186	Are boundary conditions in surface productivity at the Southern Polar Front reflected in benthic activity?. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 108, 51-59.	1.4	9
187	Quaternary deep-sea ostracode taxonomy of Ocean Drilling Program Site 980, eastern North Atlantic Ocean. Journal of Paleontology, 2014, 88, 770-785.	0.8	14
188	The Southern Ocean deep seaâ€"A benthic view to pelagic processes. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 108, 1-5.	1.4	5
189	A new species of the cheilostome bryozoan Chiastosella in the Southern Ocean, past and present. Polar Biology, 2014, 37, 773-779.	1.2	2

#	Article	IF	Citations
190	Explaining bathymetric diversity patterns in marine benthic invertebrates and demersal fishes: physiological contributions to adaptation of life at depth. Biological Reviews, 2014, 89, 406-426.	10.4	119
191	Challenging the paradigms of deep-sea ecology. Trends in Ecology and Evolution, 2014, 29, 465-475.	8.7	280
192	Recent advances in deep-sea natural products. Natural Product Reports, 2014, 31, 999-1025.	10.3	177
193	Indications for algae-degrading benthic microbial communities in deep-sea sediments along the Antarctic Polar Front. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 108, 6-16.	1.4	56
194	New genus of opecoelid trematode from Pristipomoides aquilonaris (Perciformes: Lutjanidae) and its phylogenetic affinity within the family Opecoelidae. Folia Parasitologica, 2014, 61, 223-230.	1.3	25
195	Molecular differentiation in sympatry despite morphological stasis: deep-sea <italic>Atlantoserolis</italic> WÃgele, 1994 and <italic>Glabroserolis</italic> Menzies, 1962 from the south-west Atlantic (Crustacea: Isopoda: Serolidae). Zoological Journal of the Linnean Society, 0, . . .	2.3	0
196	Diacyclops (Copepoda: Cyclopoida) in Continental Antarctica, including three new species. Antarctic Science, 2014, 26, 250-260.	0.9	12
197	Patterns of diversity and distribution of aquatic invertebrates and their parasites. , 2015, , 39-57.		6
198	Bioactive Coumarins from Marine Sources: Origin, Structural Features and Pharmacological Properties. Current Topics in Medicinal Chemistry, 2015, 15, 1755-1766.	2.1	22
199	<p>Benthic Ostracods of Skogsbergiella (Myodocopina:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 387 Td (Cy 508.	0.5	3
200	First insights into the deep-sea tanaidacean fauna of the Ross Sea: species richness and composition across the shelf break, slope and abyss. Polar Biology, 2015, 38, 1429-1437.	1.2	19
201	The impacts of climate change on Antarctic nearshore mega-epifaunal benthic assemblages in a glacial fjord on King George Island: Responses and implications. Ecological Indicators, 2015, 57, 280-292.	6.3	52
202	Distribution patterns in Antarctic and Subantarctic echinoderms. Polar Biology, 2015, 38, 799-813.	1.2	19
203	How optically diverse is the coastal ocean?. Remote Sensing of Environment, 2015, 160, 235-251.	11.0	101
204	In hot and cold water: differential lifeâ€history traits are key to success in contrasting thermal deepâ€sea environments. Journal of Animal Ecology, 2015, 84, 898-913.	2.8	31
205	Natural products mediating ecological interactions in Antarctic benthic communities: a mini-review of the known molecules. Natural Product Reports, 2015, 32, 1114-1130.	10.3	52
206	Tanaidacea of the Amundsen and Scotia seas: an unexplored diversity. Antarctic Science, 2015, 27, 19-30.	0.9	19
207	Boreal echinoids from the Tethys Realm:InfulasterandHagenowiafrom the Upper Cretaceous of eastern Sardinia (Italy). Journal of Systematic Palaeontology, 2015, 13, 741-751.	1.5	0

#	Article	IF	Citations
208	Factors influencing when species are first named and estimating global species richness. Global Ecology and Conservation, 2015, 4, 243-254.	2.1	22
209	The changing form of Antarctic biodiversity. Nature, 2015, 522, 431-438.	27.8	277
210	A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond. Antarctic Science, 2015, 27, 3-18.	0.9	158
211	Deep-sea (cold-water) coral communities of the North Pacific and problems of their conservation. Russian Journal of Marine Biology, 2015, 41, 1-9.	0.6	2
212	The phylogenetic position and taxonomic status of Sterechinus bernasconiae Larrain, 1975 (Echinodermata, Echinoidea), an enigmatic Chilean sea urchin. Polar Biology, 2015, 38, 1223-1237.	1.2	4
213	A tale of two basins: An integrated physical and biological perspective of the deep Arctic Ocean. Progress in Oceanography, 2015, 139, 89-121.	3.2	124
214	Mathematics of Energy and Climate Change. CIM Series in Mathematical Sciences, 2015, , .	0.4	1
215	The Germanâ€“Russian deep-sea expedition KuramBio (Kurile Kamchatka biodiversity studies) on board of the RV Sonne in 2012 following the footsteps of the legendary expeditions with RV Vityaz. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 111, 1-9.	1.4	63
216	Composition and distribution of Munnopsidae (Crustacea, Isopoda, Asellota), collected during the KuramBio expedition 2012 from the Kurilâ€“Kamchatka Trench area. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 111, 245-255.	1.4	16
217	Deep down: Isopod biodiversity of the Kurilâ€“Kamchatka abyssal area including a comparison with data of previous expeditions of the RV Vityaz. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 111, 210-219.	1.4	28
218	Invertebrate diversity of the unexplored marine western margin of Australia: taxonomy and implications for global biodiversity. Marine Biodiversity, 2015, 45, 271-286.	1.0	49
219	Tanaidacean fauna of the Kurilâ€“Kamchatka Trench and adjacent abyssal plain â€“ abundance, diversity and rare species. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 111, 325-332.	1.4	24
220	A new genus and new species of Desmosomatidae Sars, 1897 (Isopoda) from the eastern South Atlantic abyss described by means of integrative taxonomy. Marine Biodiversity, 2015, 45, 7-61.	1.0	36
221	Cutting the Umbilical: New Technological Perspectives in Benthic Deep-Sea Research. Journal of Marine Science and Engineering, 2016, 4, 36.	2.6	39
222	Worldwide Analysis of Sedimentary DNA Reveals Major Gaps in Taxonomic Knowledge of Deep-Sea Benthos. Frontiers in Marine Science, 2016, 3, .	2.5	138
223	Future Challenges in Southern Ocean Ecology Research. Frontiers in Marine Science, 2016, 3, .	2.5	53
224	Depth-related gradients in community structure and relatedness of bivalves and isopods in the Southern Ocean. Progress in Oceanography, 2016, 144, 25-38.	3.2	8
225	Deep-sea diversity patterns are shaped by energy availability. Nature, 2016, 533, 393-396.	27.8	202

#	Article	IF	Citations
226	Kudos for female Antarctic researchers. Nature, 2016, 536, 148-148.	27.8	5
227	Biogeography of Abyssocythere and Dutoitella (Ostracoda), with descriptions of three new species. Zootaxa, 2016, 4139, 391.	0.5	4
229	Abyssal hills: Influence of topography on benthic foraminiferal assemblages. Progress in Oceanography, 2016, 148, 44-55.	3.2	26
230	Introduction to the special issue on the Life in Antarctica: Boundaries and Gradients in a Changing Environment (XIth SCAR Biology Symposium). Polar Biology, 2016, 39, 1-10.	1.2	21
232	Temperature impacts on deepâ€sea biodiversity. Biological Reviews, 2016, 91, 275-287.	10.4	113
233	Multivariate analyses of Antarctic and sub-Antarctic seaweed distribution patterns: An evaluation of the role of the Antarctic Circumpolar Current. Journal of Sea Research, 2016, 110, 29-38.	1.6	15
234	The genusPolycope(Polycopidae, Ostracoda) in the North Atlantic and Arctic: taxonomy, distribution, and ecology. Systematics and Biodiversity, 2016, 14, 198-223.	1.2	14
235	The Antarctic Circumpolar Current as a diversification trigger for deep-sea octocorals. BMC Evolutionary Biology, 2016, 16, 2.	3.2	32
236	Glyceriformia (Annelida) from the deep sea of the Atlantic sector of the Southern Ocean. Polar Biology, 2016, 39, 1505-1510.	1.2	2
237	Combining marine macroecology and palaeoecology in understanding biodiversity: microfossils as a model. Biological Reviews, 2017, 92, 199-215.	10.4	76
238	Reproductive strategy as a piece of the biogeographic puzzle: a case study using Antarctic sea stars (Echinodermata, Asteroidea). Journal of Biogeography, 2017, 44, 848-860.	3.0	20
239	Locked in the icehouse: Evolution of an endemic Epimeria (Amphipoda, Crustacea) species flock on the Antarctic shelf. Molecular Phylogenetics and Evolution, 2017, 114, 14-33.	2.7	17
240	Biology and ecology of the worldâ€™s largest invertebrate, the colossal squid (Mesonychoteuthis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	16
241	Alpha richness and niche breadth of a widespread group of aquatic insects in Nearctic and Neotropical streams. Freshwater Biology, 2017, 62, 329-339.	2.4	8
242	Clones or clans: the genetic structure of a deepâ€sea sponge, Aphrocallistes vastus, in unique sponge reefs of British Columbia, Canada. Molecular Ecology, 2017, 26, 1045-1059.	3.9	14
243	New records of isopod species of the Antarctic Specially Managed Area No. 1, Admiralty Bay, South Shetland Islands. Polish Polar Research, 2017, 38, 409-419.	0.9	0
244	Deep-Sea Suprabenthic Communities: The Forgotten Biodiversity. , 2017, , 475-503.		12
245	Biogeographical patterns among deep sea megabenthic communities across the Drake Passage. Antarctic Science, 2017, 29, 531-543.	0.9	8

#	Article	IF	Citations
246	Sponge Grounds as Key Marine Habitats: A Synthetic Review of Types, Structure, Functional Roles, and Conservation Concerns. , 2017, , 145-183.		72
247	Distinct genetic differentiation and species diversification within two marine nematodes with different habitat preference in Antarctic sediments. BMC Evolutionary Biology, 2017, 17, 120.	3.2	21
248	Bipolarity in sea slugs: a new species of Doridunculus (Mollusca: Nudibranchia: Onchidoridoidea) from Antarctica. Organisms Diversity and Evolution, 2017, 17, 101-109.	1.6	10
249	Carnivorous sponges (Cladorhizidae) of the deep Weddell Sea, with descriptions of two new species. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 137, 190-206.	1.4	7
250	Psychrophiles as Sources for Bioinspiration in Biomineralization and Biological Materials Science. , 2017, , 1-51.		3
251	Global Patterns in Marine Biodiversity. , 0, , 501-524.		3
252	Extent of Assessment of Marine Biological Diversity. , 0, , 525-554.		0
253	Seafloor Hot Chimneys and Cold Seeps. , 2017, , 307-375.		11
254	Population genetic structure in Sabatieria (Nematoda) reveals intermediary gene flow and admixture between distant cold seeps from the Mediterranean Sea. BMC Evolutionary Biology, 2017, 17, 154.	3.2	6
255	Distributional Patterns of Polychaetes Across the West Antarctic Based on DNA Barcoding and Particle Tracking Analyses. Frontiers in Marine Science, 2017, 4, .	2.5	16
256	Abyssal Solenogastres (Mollusca, Aplacophora) from the Northwest Pacific: Scratching the Surface of Deep-Sea Diversity Using Integrative Taxonomy. Frontiers in Marine Science, 2017, 4, .	2.5	9
257	Primnoidae (Cnidaria: Octocorallia) of the SW Indian Ocean: new species, genus revisions and systematics. Zoological Journal of the Linnean Society, 2017, 181, 70-97.	2.3	12
258	Evaluating environmental drivers of spatial variability in free-living nematode assemblages along the Portuguese margin. Biogeosciences, 2017, 14, 651-669.	3.3	11
259	Bathymetric distribution pattern in Antarctic benthic hydroids. Polar Biology, 2018, 41, 1245-1255.	1.2	2
261	Hidden diversity in two species complexes of munnopsid isopods (Crustacea) at the transition between the northernmost North Atlantic and the Nordic Seas. Marine Biodiversity, 2018, 48, 813-843.	1.0	29
262	Key stages in the evolution of the Antarctic marine fauna. Journal of Biogeography, 2018, 45, 986-994.	3.0	39
263	Does the Mid-Atlantic Ridge affect the distribution of abyssal benthic crustaceans across the Atlantic Ocean?. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 148, 91-104.	1.4	37
264	Combining bathymetry, latitude, and phylogeny to understand the distribution of deep Atlantic hydroids (Cnidaria). Deep-Sea Research Part I: Oceanographic Research Papers, 2018, 133, 39-48.	1.4	11

#	Article	IF	Citations
265	200 years of marine research at Senckenberg: selected highlights. Marine Biodiversity, 2018, 48, 159-178.	1.0	4
266	First records of deep-sea Munnopsidae (Isopoda: Asellota) from the Kuril Basin of the Sea of Okhotsk, with description of Gurjanopsis kurilensis sp. nov.. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 154, 275-291.	1.4	16
267	Biogeographic distributions of Cytheropteron species (Ostracoda) in Icelandic waters (sub-polar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.0	11
268	Desmosomatidae (Isopoda: Asellota) from the Kuril Basin of the Sea of Okhotsk: First data on diversity with the description of the dominant species Mirabilicoxa biramosa sp. nov.. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 154, 292-307.	1.4	7
269	First record of the deep-sea isopod family Dendrotionidae (Isopoda: Asellota) from the Northwest Pacific with description of two new species of Dendromunna. Marine Biodiversity, 2018, 48, 531-544.	1.0	11
270	Comparative marine biodiversity and depth zonation in the Southern Ocean: evidence from a new large polychaete dataset from Scotia and Amundsen seas. Marine Biodiversity, 2018, 48, 581-601.	1.0	19
271	The effects of depth, distance, and the Mid-Atlantic Ridge on genetic differentiation of abyssal and hadal isopods (Macrostylidae). Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 148, 74-90.	1.4	42
272	Composition of abyssal macrofauna along the Vema Fracture Zone and the hadal Puerto Rico Trench, northern tropical Atlantic. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 148, 35-44.	1.4	27
273	Understanding processes at the origin of species flocks with a focus on the marine <scp>A</scp>ntarctic fauna. Biological Reviews, 2018, 93, 481-504.	10.4	21
275	Invertebrate diversity in the deep Great Australian Bight (200â€“5000Âm). Marine Biodiversity Records, 2018, 11, .	1.2	18
276	Diversity of Mesopelagic Fishes in the Southern Ocean - A Phylogeographic Perspective Using DNA Barcoding. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	23
277	A Multidisciplinary Approach for Generating Globally Consistent Data on Mesophotic, Deep-Pelagic, and Bathyal Biological Communities. Oceanography, 2018, 31, .	1.0	36
278	Isolation by Miniaturized Culture Chip of an Antarctic bacterium Aequorivita sp. with antimicrobial and anthelmintic activity. Biotechnology Reports (Amsterdam, Netherlands), 2018, 20, e00281.	4.4	11
279	Targeted Isolation of Tsitsikammamines from the Antarctic Deep-Sea Sponge Latrunculia biformis by Molecular Networking and Anticancer Activity. Marine Drugs, 2018, 16, 268.	4.6	42
280	The role of diatom resting spores in pelagicâ€“benthic coupling in the Southern Ocean. Biogeosciences, 2018, 15, 3071-3084.	3.3	13
281	Biodiversity and biogeographic affiliation of Bryozoa from King George Island (Antarctica). Systematics and Biodiversity, 2018, 16, 576-586.	1.2	2
282	Synergistic antibacterial activity between penicillenols and antibiotics against methicillin-resistant Staphylococcus aureus. Royal Society Open Science, 2018, 5, 172466.	2.4	6
283	Diversity and distribution of peracarid crustaceans (Malacostraca) from the abyss adjacent to the Kuril-Kamchatka Trench. Marine Biodiversity, 2019, 49, 1343-1360.	1.0	34

#	Article	IF	Citations
284	Depth zonation of Northwest Pacific deep-sea macrofauna. Progress in Oceanography, 2019, 176, 102131.	3.2	30
285	Epifaunal communities across marine landscapes of the deep Chukchi Borderland (Pacific Arctic). Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 151, 103065.	1.4	15
286	Benthic foraminiferal DNA metabarcodes significantly vary along a gradient from abyssal to hadal depths and between each side of the Kuril-Kamchatka trench. Progress in Oceanography, 2019, 178, 102175.	3.2	20
287	A Chemometric Analysis of Deep-Sea Natural Products. Molecules, 2019, 24, 3942.	3.8	17
288	Antarctic food web architecture under varying dynamics of sea ice cover. Scientific Reports, 2019, 9, 12454.	3.3	28
289	Diversity and distribution of Ischnomesidae (Crustacea: Isopoda: Asellota) along the Kuril-Kamchatka Trench â€“ A genetic perspective. Progress in Oceanography, 2019, 178, 102174.	3.2	19
290	Preliminary investigation on the structural, taxonomic and functional diversities of benthic communities at different areas in the West Antarctic Peninsula. Polar Science, 2019, 20, 100-106.	1.2	1
291	North Atlantic Gateway: Test bed of deepâ€sea macroecological patterns. Journal of Biogeography, 2019, 46, 2056-2066.	3.0	22
292	Observations and models to support the first Marine Ecosystem Assessment for the Southern Ocean (MEASO). Journal of Marine Systems, 2019, 197, 103182.	2.1	24
293	Distribution of foraminifera from South Shetland Islands (Antarctic): Ecology and taphonomy. Regional Studies in Marine Science, 2019, 29, 100653.	0.7	2
294	Fauna of the Kemp Caldera and its upper bathyal hydrothermal vents (South Sandwich Arc,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 T	2.4	15
295	Biodiversity and distribution of meiofauna in the Gioia, Petrace and Dohrn Canyons (Tyrrhenian Sea). Progress in Oceanography, 2019, 171, 162-174.	3.2	7
296	Can we generate robust species distribution models at the scale of the Southern Ocean?. Diversity and Distributions, 2019, 25, 21-37.	4.1	14
297	Seafloor geomorphologyâ€”coast, shelf, and abyss. , 2020, , 115-160.		2
298	Epibenthic sled versus giant box corer â€“ Comparison of sampling gears for tanaidacean species richness assessment in the abyssal benthic ecosystem. Progress in Oceanography, 2020, 181, 102255.	3.2	18
299	Unrecognized diversity of a scale worm,Polyeunoa laevis(Annelida: Polynoidae), that feeds on soft coral. Zoologica Scripta, 2020, 49, 236-249.	1.7	4
300	High Abundances of Microplastic Pollution in Deep-Sea Sediments: Evidence from Antarctica and the Southern Ocean. Environmental Science & Technology, 2020, 54, 13661-13671.	10.0	152
301	Diversity and composition of benthic asellote Isopoda from two different New Zealand continental margin habitats - implications of habitat heterogeneity, productivity and depth. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 165, 103368.	1.4	0

#	Article	IF	Citations
302	Abundance and Distributional Patterns of Benthic Peracarid Crustaceans From the Atlantic Sector of the Southern Ocean and Weddell Sea. Frontiers in Marine Science, 2020, 7, .	2.5	7
303	Fauna associated with morphologically distinct macroalgae from Admiralty Bay, King George Island (Antarctica). Polar Biology, 2020, 43, 1535-1547.	1.2	4
304	Foraminifer and Ostracod Occurrence in a Cool-Water Carbonate Factory of the Cape Adare (Ross) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Geosciences (Switzerland), 2020, 10, 413.	2.2	9
305	Thermal and oxygen conditions during development cause common rough woodlice (Porcellio) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.5	8
306	Discovery of widely available abyssal rock patches reveals overlooked habitat type and prompts rethinking deep-sea biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15450-15459.	7.1	30
307	Biogeography and community structure of abyssal scavenging Amphipoda (Crustacea) in the Pacific Ocean. Biogeosciences, 2020, 17, 2731-2744.	3.3	13
308	Diversity hotspot and unique community structure of foraminifera in the worldâ€™s deepest marine blue hole â€“ Sansha Yongle Blue Hole. Scientific Reports, 2020, 10, 10257.	3.3	14
309	Molecular diversity and spatial distribution of benthic foraminifera of the seamounts and adjacent abyssal plains in the tropical Western Pacific Ocean. Marine Micropaleontology, 2020, 156, 101850.	1.2	10
310	Munnopsidae (Crustacea, Isopoda, Asellota) from the Kurilâ€“Kamchatka Trench with a regional and inter-ocean comparison of their biogeographic and richness patterns. Progress in Oceanography, 2020, 183, 102289.	3.2	12
311	Benthic ecoregionalization based on echinoid fauna of the Southern Ocean supports current proposals of Antarctic Marine Protected Areas under IPCC scenarios of climate change. Global Change Biology, 2020, 26, 2161-2180.	9.5	14
312	Early Cenozoic evolution of the latitudinal diversity gradient. Earth-Science Reviews, 2020, 202, 103090.	9.1	19
313	Marine latitudinal diversity gradients, niche conservatism and out of the tropics and Arctic: Climatic sensitivity of small organisms. Journal of Biogeography, 2020, 47, 817-828.	3.0	16
314	Gradual and rapid shifts in the composition of assemblages of hydroids (Cnidaria) along depth and latitude in the deep Atlantic Ocean. Journal of Biogeography, 2020, 47, 1541-1551.	3.0	5
315	Taxonomy 2.0: computer-aided identification tools to assist Antarctic biologists in the field and in the laboratory. Antarctic Science, 2021, 33, 39-51.	0.9	10
316	Macroecology of Southern Ocean benthic Ostracoda (Crustacea) from the continental margin and abyss. Zoological Journal of the Linnean Society, 2022, 194, 226-255.	2.3	4
317	A Review and Meta-Analysis of Potential Impacts of Ocean Acidification on Marine Calcifiers From the Southern Ocean. Frontiers in Marine Science, 2021, 8, .	2.5	75
318	Species boundaries and phylogeographic patterns in new species ofNannoniscus(Janiroidea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Zoological Journal of the Linnean Society, 2021, 193, 1020-1071.	2.3	9
319	Planning marine protected areas under the CCAMLR regime â€“ The case of the Weddell Sea (Antarctica). Marine Policy, 2021, 124, 104370.	3.2	26

#	Article	IF	Citations
320	Deep-Sea Anemones (Cnidaria: Anthozoa: Actiniaria) from the South Atlantic. Bulletin of the American Museum of Natural History, 2021, 444, .	3.4	1
322	Ross Sea Benthic Ecosystems: Macro- and Mega-faunal Community Patterns From a Multi-environment Survey. Frontiers in Marine Science, 2021, 8, .	2.5	10
323	An approach using ddRADseq and machine learning for understanding speciation in Antarctic Antarctophilinidae gastropods. Scientific Reports, 2021, 11, 8473.	3.3	8
324	Responses of Southern Ocean Seafloor Habitats and Communities to Global and Local Drivers of Change. Frontiers in Marine Science, 2021, 8, .	2.5	23
325	Phylogenomic Species Delimitation Dramatically Reduces Species Diversity in an Antarctic Adaptive Radiation. Systematic Biology, 2021, 71, 58-77.	5.6	20
326	Ecogenomics and Adaptation Strategies of Southern Ocean Viral Communities. MSystems, 2021, 6, e0039621.	3.8	11
327	Biogeography, diversity and environmental relationships of shelf and deep-sea benthic Amphipoda around Iceland. PeerJ, 2021, 9, e11898.	2.0	7
328	Facilitating population genomics of non-model organisms through optimized experimental design for reduced representation sequencing. BMC Genomics, 2021, 22, 625.	2.8	6
329	Deep seabed mining and communities: A transdisciplinary approach to ecological risk assessment in the South Pacific. Integrated Environmental Assessment and Management, 2022, 18, 664-673.	2.9	2
330	Drivers of abundance and spatial distribution in Southern Ocean peracarid crustacea. Ecological Indicators, 2021, 128, 107832.	6.3	4
331	In-situ Image Analysis of Habitat Heterogeneity and Benthic Biodiversity in the Prince Gustav Channel, Eastern Antarctic Peninsula. Frontiers in Marine Science, 2021, 8, .	2.5	9
332	From Ice to Penguins: The Role of Mathematics in Antarctic Research. CIM Series in Mathematical Sciences, 2015, , 389-414.	0.4	4
333	Sponge Grounds as Key Marine Habitats: A Synthetic Review of Types, Structure, Functional Roles, and Conservation Concerns. , 2015, , 1-39.		52
334	Connecting Biodiversity Data During the IPY: The Path Towards e-Polar Science. From Pole To Pole, 2013, , 21-32.	0.1	4
335	The TUNU-Programme: Euro-Arctic Marine Fishesâ€"Diversity and Adaptation. , 2012, , 35-50.		55
336	Antarctic Marine Living Resources: â€˜The Future is not What it Used to beâ€™. , 2014, , 61-95.		3
337	An Overview on Bathyal Soft-Bottoms Megabenthos Off Mauritania. , 2017, , 277-315.		1
338	Climatic forcing of quaternary deep-sea benthic communities in the North Pacific Ocean. Paleobiology, 2012, 38, 162-179.	2.0	35

#	Article	IF	Citations
341	First genetic data for species of the genus Haploniscus Richardson, 1908 (Isopoda: Asellota:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742 T	0.5	39
342	Large-Scale Spatial Distribution Patterns of Echinoderms in Nearshore Rocky Habitats. PLoS ONE, 2010, 5, e13845.	2.5	49
343	Global Diversity of Marine Isopods (Except Asellota and Crustacean Symbionts). PLoS ONE, 2012, 7, e43529.	2.5	109
344	Genetic and Morphological Divergences in the Cosmopolitan Deep-Sea Amphipod Eurythenes gryllus Reveal a Diverse Abyss and a Bipolar Species. PLoS ONE, 2013, 8, e74218.	2.5	120
345	A Species Flock Driven by Predation? Secondary Metabolites Support Diversification of Slugs in Antarctica. PLoS ONE, 2013, 8, e80277.	2.5	76
346	Different Oceanographic Regimes in the Vicinity of the Antarctic Peninsula Reflected in Benthic Nematode Communities. PLoS ONE, 2015, 10, e0137527.	2.5	19
347	Southern Ocean deep-sea biodiversity: sampling strategies and predicting responses to climate change. Climate Research, 2008, 37, 165-179.	1.1	27
348	Ectosymbiosis is a critical factor in the local benthic biodiversity of the Antarctic deep sea. Marine Ecology - Progress Series, 2008, 364, 67-76.	1.9	25
349	Polychaete species diversity on the West Antarctic Peninsula deep continental shelf. Marine Ecology - Progress Series, 2011, 428, 119-134.	1.9	15
350	Adaptive radiation at a low taxonomic level: Âdivergence in buoyancy of the ecologically similar Antarctic fish Notothenia coriiceps and N. rossiiÂ. Marine Ecology - Progress Series, 2011, 438, 195-206.	1.9	20
351	Ecological functioning of mudflats: global analysis reveals both regional differences and widespread conservation of functioning. Marine Ecology - Progress Series, 2018, 604, 1-20.	1.9	33
352	Global biogeography of marine amphipod crustaceans: latitude, regionalization, and beta diversity. Marine Ecology - Progress Series, 2020, 638, 83-94.	1.9	18
353	Suprabenthic fauna from the Bellingshausen Sea and western Antarctic Peninsula: spatial distribution and community structure. Scientia Marina, 2009, 73, 357-368.	0.6	17
356	An integrated compilation of data sources for the development of a marine protected area in the Weddell Sea. Earth System Science Data, 2020, 12, 1003-1023.	9.9	18
357	Sustainable Management in the Southern Ocean: CCAMLR Science. , 2011, , 103-121.		15
358	A bathypelagic ostracodConchoecissa nigromaculatussp. nov. (Myodocopa, Halocyprididae) from the South China Sea. PeerJ, 2018, 6, e5557.	2.0	1
359	Macrostylis metallicola spec. nov.â€"an isopod with geographically clustered genetic variability from a polymetallic-nodule area in the Clarion-Clipperton Fracture Zone. PeerJ, 2020, 8, e8621.	2.0	12
360	Pseudotanaidae Sieg, 1976 (Crustacea: Peracarida) from the Southern Ocean: diversity and bathymetric pattern. , 2021, 88, 994-1070.		3

#	Article	IF	Citations
361	Evolution and phylogeny of the deep-sea isopod families Desmosomatidae Sars, 1897 and Nannoniscidae Hansen, 1916Â (Isopoda: Asellota). Organisms Diversity and Evolution, 2021, , 1-27.	1.6	7
362	Cenozoic climatic changes drive evolution and dispersal of coastal benthic foraminifera in the Southern Ocean. Scientific Reports, 2021, 11, 19869.	3.3	8
363	Accretion and Shifts of the Levels of O2 and CO2 in the Biosphere. , 2011, , 1-29.		0
364	Functional Designs of the Gas Exchangers. , 2011, , 141-221.		1
365	Southern Ocean Deep-Sea Isopod Biodiversity Research: From Census to Ecosystem Functioning. , 2012, , 21-34.		0
366	Yet Another, But This Time Realistic, Polar Synthesis, Meta-Analysis, and Outlook: Protecting Ice, Snow, People, Species, Habitats, and Global Temperatures for Good?. , 2012, , 265-330.		2
367	Cytotoxic Activity of Antarctic Benthic Organisms Against the Common Sea Urchin Sterechinus neumayeri. Oceanography Open Access, 2013, 01, .	0.1	2
368	Ã–kosystem und BiodiversitÃt. , 2014, , 147-174.		0
369	Meiobenthos of the Sub-equatorial North-Eastern Pacific Abyssal Seafloor: A Synopsis. SpringerBriefs in Earth System Sciences, 2014, , 29-65.	0.1	1
371	Deep-Sea Suprabenthic Communities: The Forgotten Biodiversity. , 2016, , 1-29.		3
372	Trophic ecology of three echinoderms in deep waters of the Weddell Sea (Antarctica). Marine Ecology - Progress Series, 2018, 596, 143-153.	1.9	5
373	A retrospective analysis of scientific publications on the deep sea from 1987 to 2016. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180414.	0.8	0
374	Connected across the ocean: taxonomy and biogeography of deep-water Nudibranchia from the Northwest Pacific reveal trans-Pacific links and two undescribed species. Organisms Diversity and Evolution, 2021, 21, 753-782.	1.6	6
375	Chemical War in Marine Animal Forests: Natural Products and Chemical Interactions. , 2020, , 239-307.		0
376	Ã–kosystem und BiodiversitÃt. , 2014, , 147-174.		0
377	Diversity of Antarctic Echinoids and Ecoregions of the Southern Ocean. Biology Bulletin, 2020, 47, 683-698.	0.5	0
378	Octopuses and drilling snails as the main suspects of predation traces on shelled molluscs in West Antarctica. Polar Biology, 2022, 45, 127-141.	1.2	3
379	Ostracods in databases: State of the art, mobilization and future applications. Marine Micropaleontology, 2022, 174, 102094.	1.2	6

#	Article	IF	Citations
380	New Opportunities and Untapped Scientific Potential in the Abyssal Ocean. Frontiers in Marine Science, 2022, 8, .	2.5	3
381	A Hidden Diversity in the Atlantic and the SE Pacific: Hamatipedidae n. fam. (Crustacea: Tanaidacea). Frontiers in Marine Science, 2022, 8, .	2.5	4
382	Diversity of Pacific Agathotanais (Peracarida: Tanaidacea). Frontiers in Marine Science, 2022, 8, .	2.5	3
383	Megabenthos habitats influenced by nearby hydrothermal activity on the Sandwich Plate, Southern Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2022, 198, 105075.	1.4	2
384	The Environmental Drivers of Benthic Fauna Diversity and Community Composition. Frontiers in Marine Science, 2022, 9, .	2.5	12
391	The role of continental shelf bathymetry in shaping marine range shifts in the face of climate change. Global Change Biology, 2022, 28, 5185-5199.	9.5	9
392	The Eurycope producta Sars, 1868 Species Complex (Isopoda, Munnopsidae) at the Transition of the Northern North Atlantic and the Nordic Seasâ€"Including Descriptions of Six New Species and a Key. Diversity, 2022, 14, 545.	1.7	0
393	Origin, diversity, and biogeography of Antarctic scale worms (Polychaeta: Polynoidae): a wideâ€scale barcoding approach. Ecology and Evolution, 2022, 12, .	1.9	1
394	Recent Ostracod Fauna of the Western Ross Sea (Antarctica): A Poorly Known Ingredient of Polar Carbonate Factories. Minerals (Basel, Switzerland), 2022, 12, 937.	2.0	2
395	Evolutionary time and species diversity in aquatic ecosystems worldwide. Biological Reviews, 0, , .	10.4	3
396	Editorial: Recent and emerging innovations in deep-sea taxonomy to enhance biodiversity assessment and conservation. Frontiers in Marine Science, 0, 9, .	2.5	1
397	Relationship between Modern Deep-Sea Ostracods and Water Mass Structure in East Antarctica. Paleontological Research, 2022, 27, .	1.0	0
398	ï»¿Abyssal fauna of polymetallic nodule exploration areas, eastern Clarion-Clipperton Zone, central Pacific Ocean: Amphinomidae and Euphrosinidae (Annelida, Amphinomida). ZooKeys, 0, 1137, 33-74.	1.1	6
399	Current concept of marine protected areas in Russia and in the world. Hydrosphere Ð•cology (ÐÐºÐ¾Ð»Ð¾Ð³Ð¸Ñ•Ð³Ð¸Ð´Ñ€Ð¾Ñ„Ð¸Ð·Ð¸ÐºÐ°, 0, 0, 27-36.	0.0	0
400	Ostracod and Foraminifer Responses to Late Pleistoceneâ€"Holocene Volcanic Activity in Northern Victoria Land as Recorded in Ross Sea (Antarctica) Marine Sediments. Geosciences (Switzerland), 2023, 13, 35.	2.2	0
401	Macrofauna-sized foraminifera in epibenthic sledge samples from five areas in the eastern Clarion-Clipperton Zone (equatorial Pacific). Frontiers in Marine Science, 0, 9, .	2.5	4
402	Late Cenozoic evolution of the latitudinal diversity gradient. Journal of Biogeography, 2023, 50, 1213-1220.	3.0	2
403	How many metazoan species live in the worldâ€™s largest mineral exploration region?. Current Biology, 2023, 33, 2383-2396.e5.	3.9	12

#	Article	IF	Citations
404	Distribution Patterns of Benthic Protist Communities Depending on Depth Revealed by Environmental Sequencingâ€"From the Sublittoral to the Deep Sea. Microorganisms, 2023, 11, 1664.	3.6	2
405	Pan-Atlantic Comparison of Deep-Sea Macro- and Megabenthos. Diversity, 2023, 15, 814.	1.7	0
406	Community structure of abyssal macrobenthos of the South and equatorial Atlantic Ocean - Identifying patterns and environmental controls. Deep-Sea Research Part I: Oceanographic Research Papers, 2023, 197, 104066.	1.4	3
407	Combining morphological and mitochondrial DNA data to describe a new species of Austroniscus VanhÃ¶ffen, 1914 (Isopoda, Janiroidea, Nannoniscidae) linking abyssal and hadal depths of the Puerto Rico Trench. Zootaxa, 2023, 5293, 401-434.	0.5	0
408	Resolving the taxonomy of the Antarctic feather star species complex Promachocrinus â€˜kerguelensisâ€™ (Echinodermata: Crinoidea). Invertebrate Systematics, 2023, 37, 498-527.	1.3	1
409	New insights on the phylogeny and genetic status of a highly vagile seabird from East Antarctica. Polar Science, 2023, 38, 100972.	1.2	1
410	Accelerating ocean species discovery and laying the foundations for the future of marine biodiversity research and monitoring. Frontiers in Marine Science, 0, 10, .	2.5	0
411	Climate forcing of regional deep-sea biodiversity documented by benthic foraminifera. Earth-Science Reviews, 2023, 244, 104540.	9.1	3
412	Revision of the genus Oxyarcturus (Isopoda, Valvifera, Antarcturidae), with a description of a new deep-sea species from Argentina. Zoosystematics and Evolution, 2023, 99, 457-472.	1.1	0
413	Bioinspired soft robots for deep-sea exploration. Nature Communications, 2023, 14, .	12.8	4
414	Species Diversity and Community Structure of Macrobenthos in the Cosmonaut Sea, East Antarctica. Diversity, 2023, 15, 1197.	1.7	0
415	Spatial Patterns of Benthic Macro and Meiofauna Community Expressed by Variability in Environmental and Climatic Drivers in Deep Arctic Fjord System. Thalassas, 0, , .	0.5	0
416	Benthic functionality under climate-induced environment changes offshore on the Antarctic Peninsula continental shelf. Marine Environmental Research, 2024, 194, 106341.	2.5	0
417	Diversity hotspots on the benthosâ€"Case studies highlight hidden treasures. , 2024, , 131-168.		0