

Submarine canyons: hotspots of benthic biomass and pr

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Massing life. EMBO Reports, 2010, 11, 511-514.	2.0	3
2	The trophic biology of the holothurian <i>Molpadia musculus</i> : implications for organic matter cycling and ecosystem functioning in a deep submarine canyon. Biogeosciences, 2010, 7, 2419-2432.	1.3	37
3	Structural and functional diversity of Nematoda in relation with environmental variables in the Setúbal and Cascais canyons, Western Iberian Margin. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2354-2368.	0.6	50
4	Biodiversity of macrofaunal assemblages from three Portuguese submarine canyons (NE Atlantic). Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2433-2447.	0.6	92
5	Canyon conditions impact carbon flows in food webs of three sections of the Nazaré canyon. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 2461-2476.	0.6	71
7	Extraordinarily high biomass benthic community on Southern Ocean seamounts. Scientific Reports, 2011, 1, 119.	1.6	25
8	Different food preferences in four sympatric deep-sea Macrourid fishes. Marine Biology, 2011, 158, 59-72.	0.7	19
9	Functional effects of the hadal sea cucumber <i>Elpidia atakama</i> (Echinodermata: Holothuroidea). Tj ETQq1 1 0.784314,rgBT /Oyerglock ID	0.7	25
10	Marine free-living nematodes associated with symbiotic bacteria in deep-sea canyons of north-east Atlantic Ocean. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 1257-1271.	0.4	34
11	Deepwater canyons: An escape route for methane sealed by methane hydrate. Earth and Planetary Science Letters, 2012, 323-324, 72-78.	1.8	30
12	High prokaryotic biodiversity associated with gut contents of the holothurian <i>Molpadia musculus</i> from the Nazaré Canyon (NE Atlantic). Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 63, 82-90.	0.6	22
13	Living deep-sea benthic foraminifera from the Cap de Creus Canyon (western Mediterranean): Faunal geochemical interactions. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 64, 22-42.	0.6	21
14	The effects of submarine canyons and the oxygen minimum zone on deep-sea fish assemblages off Hawai'i. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 64, 54-70.	0.6	41
15	Grenadier abundance examined at varying spatial scales in deep waters off Newfoundland, Canada, with special focus on the influence of corals. Journal of Ichthyology, 2012, 52, 678-689.	0.2	2
16	Notes on the diet of seven grenadier fishes (Macrouridae) from the lower continental slope of Chatham Rise, New Zealand. Journal of Ichthyology, 2012, 52, 782-786.	0.2	1
17	Unimodal relationship between biomass and species richness of deep-sea nematodes: implications for the link between productivity and diversity. Marine Ecology - Progress Series, 2012, 454, 53-64.	0.9	49
18	Standing stocks and body size of deep-sea macrofauna: Predicting the baseline of 2010 Deepwater Horizon oil spill in the northern Gulf of Mexico. Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 69, 82-99.	0.6	31
19	Biophysical Factors Affecting the Distribution of Demersal Fish around the Head of a Submarine Canyon Off the Bonney Coast, South Australia. PLoS ONE, 2012, 7, e30138.	1.1	14

#	ARTICLE	IF	CITATIONS
20	Structure-Forming Corals and Sponges and Their Use as Fish Habitat in Bering Sea Submarine Canyons. PLoS ONE, 2012, 7, e33885.	1.1	82
21	Towards Predicting Basin-Wide Invertebrate Organic Biomass and Production in Marine Sediments from a Coastal Sea. PLoS ONE, 2012, 7, e40295.	1.1	14
22	Deep-sea scavenging amphipod assemblages from the submarine canyons of the Western Iberian Peninsula. Biogeosciences, 2012, 9, 4861-4869.	1.3	21
23	Understanding Continental Margin Biodiversity: A New Imperative. Annual Review of Marine Science, 2012, 4, 79-112.	5.1	209
24	INCREASED ENERGY PROMOTES SIZE-BASED NICHE AVAILABILITY IN MARINE MOLLUSKS. Evolution; International Journal of Organic Evolution, 2012, 66, 2204-2215.	1.1	27
25	Marine bioactivity in Irish waters. Phytochemistry Reviews, 2013, 12, 555-565.	3.1	10
26	Benthic community structure, diversity, and productivity in the shallow Barents Sea bank (Svalbard) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	59
27	Spatial and temporal variability of meiobenthic density in the Blanes submarine canyon (NW) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.5	33
28	A restricted fishing area as a tool for fisheries management: Example of the Capbreton canyon, southern Bay of Biscay. Marine Policy, 2013, 42, 180-189.	1.5	7
29	Integrated study of Mediterranean deep canyons: Novel results and future challenges. Progress in Oceanography, 2013, 118, 1-27.	1.5	72
30	Northern Current variability and its impact on the Blanes Canyon circulation: A numerical study. Progress in Oceanography, 2013, 118, 61-70.	1.5	12
31	Bioavailable compounds in sinking particulate organic matter, Blanes Canyon, NW Mediterranean Sea: Effects of a large storm and sea surface biological processes. Progress in Oceanography, 2013, 118, 108-121.	1.5	17
32	Microbial communities associated with the degradation of oak wood in the Blanes submarine canyon and its adjacent open slope (NW Mediterranean). Progress in Oceanography, 2013, 118, 137-143.	1.5	26
33	Spatial and temporal infaunal dynamics of the Blanes submarine canyon-slope system (NW) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Progress in Oceanography, 2013, 118, 159-174.	1.5	26
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35	Submarine canyons as the preferred habitat for wood-boring species of Xylophaga (Mollusca,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.5	28
36	Benthic ecology of the northeastern Chukchi Sea. Part II. Spatial variation of megafaunal community structure, 2009â€”2010. Continental Shelf Research, 2013, 67, 67-76.	0.9	30
37	Early Burdigalian infill of the Puchkirchen Trough (North Alpine Foreland Basin, Central Paratethys): Facies development and sequence stratigraphy. Marine and Petroleum Geology, 2013, 39, 164-186.	1.5	33

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39	Significance of the fine drainage pattern for submarine canyon evolution: The Foix Canyon System, Northwestern Mediterranean Sea. <i>Geomorphology</i> , 2013, 184, 20-37.	1.1	19
40	Changes in deep-water epibenthic megafaunal assemblages in relation to seabed slope on the Nigerian margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 78, 49-57.	0.6	17
41	Distribution of cold-water corals in the Whittard Canyon, NE Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 92, 136-144.	0.6	34
42	Benthic ecology of the northeastern Chukchi Sea. Part I. Environmental characteristics and macrofaunal community structure, 2008-2010. <i>Continental Shelf Research</i> , 2013, 67, 52-66.	0.9	53
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46	Sediment community responses to marine vs. terrigenous organic matter in a submarine canyon. <i>Biogeosciences</i> , 2013, 10, 67-80.	1.3	33
47	The importance of different spatial scales in determining structural and functional characteristics of deep-sea infauna communities. <i>Biogeosciences</i> , 2013, 10, 4547-4563.	1.3	35
48	Microbes, macrofauna, and methane: A novel seep community fueled by aerobic methanotrophy. <i>Limnology and Oceanography</i> , 2013, 58, 1640-1656.	1.6	39
49	Organic biomarkers in deep-sea regions affected by bottom trawling: pigments, fatty acids, amino acids and carbohydrates in surface sediments from the La Fonera (PalamA ³ s) Canyon, NW Mediterranean Sea. <i>Biogeosciences</i> , 2013, 10, 8093-8108.	1.3	17
50	Trophic state of benthic deep-sea ecosystems from two different continental margins off Iberia. <i>Biogeosciences</i> , 2013, 10, 2945-2957.	1.3	15
51	Bathymetrical distribution and size structure of cold-water coral populations in the Cap de Creus and Lacaze-Duthiers canyons (northwestern Mediterranean). <i>Biogeosciences</i> , 2013, 10, 2049-2060.	1.3	117
52	Megafaunal Communities in Rapidly Warming Fjords along the West Antarctic Peninsula: Hotspots of Abundance and Beta Diversity. <i>PLoS ONE</i> , 2013, 8, e77917.	1.1	120
53	Quantifying Seafood Through Time: Counting Calories in the Fossil Record. <i>The Paleontological Society Papers</i> , 2013, 19, 21-50.	0.8	5
54	SMART: A Spatially Explicit Bio-Economic Model for Assessing and Managing Demersal Fisheries, with an Application to Italian Trawlers in the Strait of Sicily. <i>PLoS ONE</i> , 2014, 9, e86222.	1.1	54
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#	ARTICLE	IF	CITATIONS
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57	Morphological and Genetic Diversity of the Wood-Boring Xylophaga (Mollusca, Bivalvia): New Species and Records from Deep-Sea Iberian Canyons. PLoS ONE, 2014, 9, e102887.	1.1	30
58	Ecosystem function and services provided by the deep sea. Biogeosciences, 2014, 11, 3941-3963.	1.3	293
59	Projected pH reductions by 2100 might put deep North Atlantic biodiversity at risk. Biogeosciences, 2014, 11, 6955-6967.	1.3	49
60	Classification of submarine canyons of the Australian continental margin. Marine Geology, 2014, 357, 362-383.	0.9	66
61	<i>Benthodytes violeta</i> , a new species of a deep-sea holothuroid (Elasipodida: Psychropotidae) from Mar del Plata Canyon (south-western Atlantic) Tj ETQq1 1 00784314 rgbT /Over	0.7	14
62	Spatio-temporal distribution of sperm whales (<i>Physeter macrocephalus</i>) off Kaikoura, New Zealand, in relation to bathymetric features. New Zealand Journal of Zoology, 2014, 41, 234-247.	0.6	7
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64	Defining biological assemblages (biotopes) of conservation interest in the submarine canyons of the South West Approaches (offshore United Kingdom) for use in marine habitat mapping. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 104, 208-229.	0.6	46
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67	Modelling study of three-dimensional circulation and particle movement over the Sable Gully of Nova Scotia. Ocean Dynamics, 2014, 64, 117-142.	0.9	14
68	A comparison of megafaunal communities in five submarine canyons off Southern California, USA. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 104, 259-266.	0.6	24
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70	Tropical Marginal Seas: Priority Regions for Managing Marine Biodiversity and Ecosystem Function. Annual Review of Marine Science, 2014, 6, 415-437.	5.1	14
71	Recent sediment transport and deposition in the Cap-Ferret Canyon, South-East margin of Bay of Biscay. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 104, 134-144.	0.6	33
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73	Temporal and spatial variation in the Nazaré Canyon (Western Iberian margin): Inter-annual and canyon heterogeneity effects on meiofauna biomass and diversity. Deep-Sea Research Part I: Oceanographic Research Papers, 2014, 83, 102-114.	0.6	43

#	ARTICLE	IF	CITATIONS
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79	Geomorphology of the Avil�s Canyon System, Cantabrian Sea (Bay of Biscay). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 106, 99-117.	0.6	35
80	Physical, biological, geochemical and sedimentological controls on the ichnology of submarine canyon and slope channel systems. <i>Marine and Petroleum Geology</i> , 2014, 54, 144-166.	1.5	30
81	The summer assemblage of large pelagic Crustacea in the Gully submarine canyon: Major patterns. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 104, 51-66.	0.6	18
82	Limited depth zonation among bathyal epibenthic megafauna of the Gully submarine canyon, northwest Atlantic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 104, 67-82.	0.6	18
83	Unusually high food availability in Kaikoura Canyon linked to distinct deep-sea nematode community. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 104, 310-318.	0.6	45
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88	Submarine canyons as coral and sponge habitat on the eastern Bering Sea slope. <i>Global Ecology and Conservation</i> , 2015, 4, 85-94.	1.0	13
89	Nepheloid layer distribution in the Whittard Canyon, NE Atlantic Margin. <i>Marine Geology</i> , 2015, 367, 130-142.	0.9	33
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#	ARTICLE	IF	CITATIONS
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103	Demersal fish distribution and habitat use within and near Baltimore and Norfolk Canyons, U.S. middle Atlantic slope. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 103, 137-154.	0.6	51
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107	Subtidal benthic megafauna in a productive and highly urbanised semi-enclosed bay (R�a de Vigo, NW) Tj ETQq0 0 0 rgBT /Overlock 10	0.9	4
108	Coastal observatories for monitoring of fish behaviour and their responses to environmental changes. <i>Reviews in Fish Biology and Fisheries</i> , 2015, 25, 463-483.	2.4	59
109	Shelf-slope exchanges and particle dispersion in Blanes submarine canyon (NW Mediterranean Sea): A numerical study. <i>Continental Shelf Research</i> , 2015, 109, 35-45.	0.9	9
110	Action Cameras: Bringing Aquatic and Fisheries Research into View. <i>Fisheries</i> , 2015, 40, 502-512.	0.6	80

#	ARTICLE	IF	CITATIONS
111	Benthic polychaete diversity patterns and community structure in the Whittard Canyon system and adjacent slope (NE Atlantic). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 106, 42-54.	0.6	14
112	Environmental Impacts of the Deep-Water Oil and Gas Industry: A Review to Guide Management Strategies. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	236
113	Habitat Differences in Deep-Sea Megafaunal Communities off New Zealand: Implications for Vulnerability to Anthropogenic Disturbance and Management. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	9
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120	Substantial role of macroalgae in marine carbon sequestration. <i>Nature Geoscience</i> , 2016, 9, 737-742.	5.4	623
121	Landscape mapping at sub-Antarctic South Georgia provides a protocol for underpinning large-scale marine protected areas. <i>Scientific Reports</i> , 2016, 6, 33163.	1.6	26
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#	ARTICLE	IF	CITATIONS
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130	The "Sardinian cold-water coral province" in the context of the Mediterranean coral ecosystems. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 145, 61-78.	0.6	113
131	Distributions and habitat associations of deep-water corals in Norfolk and Baltimore Canyons, Mid-Atlantic Bight, USA. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 137, 131-147.	0.6	25
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134	Stable isotope analysis in deep-sea chondrichthyans: recent challenges, ecological insights, and future directions. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 481-497.	2.4	29
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139	Cold-seep-like macrofaunal communities in organic- and sulfide-rich sediments of the Congo deep-sea fan. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 180-196.	0.6	24
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150	The Deep Sea. , 0, , 372-396.		0
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155	Cold-Water Coral Habitats in Submarine Canyons of the Bay of Biscay. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	40
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161	Canyons pride and prejudice: Exploring the submarine canyon research landscape, a history of geographic and thematic bias. <i>Progress in Oceanography</i> , 2018, 169, 6-19.	1.5	21
162	Food quantity and quality in Barkley Canyon (NE Pacific) and its influence on macroinfaunal community structure. <i>Progress in Oceanography</i> , 2018, 169, 106-119.	1.5	22
163	The early conversion of deep-sea wood falls into chemosynthetic hotspots revealed by in situ monitoring. <i>Scientific Reports</i> , 2018, 8, 907.	1.6	22
164	New diagnostic descriptions and distribution information for Shepherd's beaked whale (<i>Tasmacetus shepherdi</i>) off Southern Australia and New Zealand. <i>Marine Mammal Science</i> , 2018, 34, 829-840.	0.9	3

#	ARTICLE	IF	CITATIONS
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166	A conceptual surrogacy framework to evaluate the habitat potential of submarine canyons. <i>Progress in Oceanography</i> , 2018, 169, 199-213.	1.5	13
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172	Nematode community zonation in response to environmental drivers in Blanes Canyon (NW Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	10
173	Characteristics of meiofauna in extreme marine ecosystems: a review. <i>Marine Biodiversity</i> , 2018, 48, 35-71.	0.3	153
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179	Slope-shelf faunal link and unreported diversity off Nova Scotia: Evidence from polychaete data. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 138, 72-84.	0.6	6
180	Unveiling the state of some underexplored deep coralligenous banks in the Gulf of Naples (Mediterranean Sea, Italy). <i>Regional Studies in Marine Science</i> , 2018, 22, 82-92.	0.4	10
181	Recovery of Holothuroidea population density, community composition, and respiration activity after a deep-sea disturbance experiment. <i>Limnology and Oceanography</i> , 2018, 63, 2140-2153.	1.6	13
182	Metabolic rates are significantly lower in abyssal Holothuroidea than in shallow-water Holothuroidea. <i>Royal Society Open Science</i> , 2018, 5, 172162.	1.1	15

#	ARTICLE	IF	CITATIONS
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187	Important contribution of macroalgae to oceanic carbon sequestration. <i>Nature Geoscience</i> , 2019, 12, 748-754.	5.4	141
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189	27 Submarine Canyons in the Mediterranean: A Shelter for Cold-Water Corals. <i>Coral Reefs of the World</i> , 2019, , 285-289.	0.3	7
190	Coral forests and Derelict Fishing Gears in submarine canyon systems of the Ligurian Sea. <i>Progress in Oceanography</i> , 2019, 178, 102186.	1.5	29
191	Morphological definition of the North ÖmrälÄ± Canyon in the Sea of Marmara. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	2
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200	Vertical distribution of microbial communities abundance and biomass in two NW Mediterranean Sea submarine canyons. <i>Progress in Oceanography</i> , 2019, 175, 14-23.	1.5	2

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