

Downwelling and deep-water bottom currents as food
cold-water coral *Lophelia pertusa* (Scleractinia) at the

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The cold-water coral community as hotspot of carbon cycling on continental margins: A food web analysis from Rockall Bank (northeast Atlantic). <i>Limnology and Oceanography</i> , 2009, 54, 1829-1844.	1.6	179
2	Beta diversity of cold-water coral reef communities off western Scotland. <i>Coral Reefs</i> , 2010, 29, 427-436.	0.9	49
3	The influence of flow velocity and food concentration on <i>Lophelia pertusa</i> (Scleractinia) zooplankton capture rates. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 395, 55-62.	0.7	112
4	Short-term environmental variability in cold-water coral habitat at Viosca Knoll, Gulf of Mexico. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 199-212.	0.6	68
5	In situ observations of fish associated with coral reefs off Ireland. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 818-825.	0.6	65
6	Dynamics of nutrients, total organic carbon, prokaryotes and viruses in onboard incubations of cold-water corals. <i>Biogeosciences</i> , 2011, 8, 2609-2620.	1.3	21
7	Particulate organic matter fluxes and hydrodynamics at the Tisler cold-water coral reef. <i>Journal of Marine Systems</i> , 2011, 85, 19-29.	0.9	63
8	Societal need for improved understanding of climate change, anthropogenic impacts, and geo-hazard warning drive development of ocean observatories in European Seas. <i>Progress in Oceanography</i> , 2011, 91, 1-33.	1.5	91
9	Sedimentation on the cold-water coral <i>Lophelia pertusa</i> : Cleaning efficiency from natural sediments and drill cuttings. <i>Marine Pollution Bulletin</i> , 2011, 62, 1159-1168.	2.3	74
10	Pleistocene geochemical stratigraphy of the borehole 1317E (IODP Expedition 307) in Porcupine Seabight, SW of Ireland: applications to palaeoceanography and palaeoclimate of the coral mound development. <i>Journal of Quaternary Science</i> , 2011, 26, 178-189.	1.1	3
11	Definition and detection of vulnerable marine ecosystems on the high seas: problems with the 'remove-on-rule'. <i>ICES Journal of Marine Science</i> , 2011, 68, 254-264.	1.2	119
12	Northeastern Atlantic cold-water coral reefs and climate. <i>Geology</i> , 2011, 39, 743-746.	2.0	88
13	Spatial and tidal variation in food supply to shallow cold-water coral reefs of the Mingulay Reef complex (Outer Hebrides, Scotland). <i>Marine Ecology - Progress Series</i> , 2012, 444, 97-115.	0.9	74
14	Cultured fungal associates from the deep-sea coral <i>Lophelia pertusa</i> . <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 67, 12-20.	0.6	18
15	The influence of near-bed hydrodynamic conditions on cold-water corals in the Viosca Knoll area, Gulf of Mexico. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 60, 32-45.	0.6	70
16	Megafaunal-habitat associations at a deep-sea coral mound off North Carolina, USA. <i>Marine Biology</i> , 2012, 159, 1079-1094.	0.7	38
17	The Porcupine Bank Canyon coral mounds: oceanographic and topographic steering of deep-water carbonate mound development and associated phosphatic deposition. <i>Geo-Marine Letters</i> , 2012, 32, 205-225.	0.5	23
18	Acclimation to ocean acidification during long-term CO_2 exposure in the cold-water coral <i>Lophelia pertusa</i> . <i>Global Change Biology</i> , 2012, 18, 843-853.	4.2	192

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19	Global habitat suitability of cold-water octocorals. <i>Journal of Biogeography</i> , 2012, 39, 1278-1292.	1.4	173
20	Hydrodynamic conditions in a cold-water coral mound area on the Renard Ridge, southern Gulf of Cadiz. <i>Journal of Marine Systems</i> , 2012, 96-97, 61-71.	0.9	27
21	First biological measurements of deep-sea corals from the Red Sea. <i>Scientific Reports</i> , 2013, 3, 2802.	1.6	49
22	Reproductive periodicity of the scleractinian coral <i>Lophelia pertusa</i> from the Trondheim Fjord, Norway. <i>Marine Biology</i> , 2013, 160, 139-153.	0.7	71
23	Growth of north-east Atlantic cold-water coral reefs and mounds during the Holocene: A high resolution U-series and ¹⁴ C chronology. <i>Earth and Planetary Science Letters</i> , 2013, 375, 176-187.	1.8	45
24	Temperature tolerance of the deep-sea coral <i>Lophelia pertusa</i> from the southeastern United States. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 92, 240-248.	0.6	65
25	Cold-water coral carbonate mounds as unique palaeo-archives: the Plio-Pleistocene Challenger Mound record (NE Atlantic). <i>Quaternary Science Reviews</i> , 2013, 73, 14-30.	1.4	43
26	Local variation in the distribution of benthic megafauna species associated with cold-water coral reefs on the Norwegian margin. <i>Continental Shelf Research</i> , 2013, 54, 37-51.	0.9	47
27	Benthic Foraminifer Assemblages from Norwegian Cold-Water Coral Reefs. <i>Journal of Foraminiferal Research</i> , 2013, 43, 21-39.	0.1	18
28	Tidal downwelling and implications for the carbon biogeochemistry of cold-water corals in relation to future ocean acidification and warming. <i>Global Change Biology</i> , 2013, 19, 2708-2719.	4.2	51
29	Skeletal growth, respiration rate and fatty acid composition in the cold-water coral <i>Lophelia pertusa</i> under varying food conditions. <i>Marine Ecology - Progress Series</i> , 2013, 483, 169-184.	0.9	48
30	In situ short-term growth rates of a cold-water coral. <i>Marine and Freshwater Research</i> , 2013, 64, 631.	0.7	18
31	Multi-scale interactions between local hydrography, seabed topography, and community assembly on cold-water coral reefs. <i>Biogeosciences</i> , 2013, 10, 2737-2746.	1.3	44
32	Diversity, distribution and spatial structure of the cold-water coral fauna of the Azores (NE Atlantic). <i>Biogeosciences</i> , 2013, 10, 2737-2746.	1.3	44
33	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
34	Coral Patch seamount (NE Atlantic) – a sedimentological and megafaunal reconnaissance based on video and hydroacoustic surveys. <i>Biogeosciences</i> , 2013, 10, 3421-3443.	1.3	27
35	Microhabitat and shrimp abundance within a Norwegian cold-water coral ecosystem. <i>Biogeosciences</i> , 2013, 10, 5779-5791.	1.3	21
36	Embryogenesis and Larval Biology of the Cold-Water Coral <i>Lophelia pertusa</i> . <i>PLoS ONE</i> , 2014, 9, e102222.	1.1	80

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37	Cold-water coral growth under extreme environmental conditions, the Cape Lookout area, NW Atlantic. <i>Biogeosciences</i> , 2014, 11, 2543-2560.	1.3	47
38	Opportunistic feeding on various organic food sources by the cold-water coral <i>Lophelia pertusa</i> . <i>Biogeosciences</i> , 2014, 11, 123-133.	1.3	88
39	Revisiting Squires' Coral Coppice, Campbell Plateau, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2014, 48, 507-523.	0.8	7
40	Future-proofing marine protected area networks for cold water coral reefs. <i>ICES Journal of Marine Science</i> , 2014, 71, 2621-2629.	1.2	28
41	Potential seasonal calibration for palaeoenvironmental reconstruction using skeletal microstructures and strontium measurements from the cold-water coral <i>Lophelia pertusa</i> . <i>Journal of Quaternary Science</i> , 2014, 29, 803-814.	1.1	8
42	Linking benthic hydrodynamics and cold-water coral occurrences: A high-resolution model study at three cold-water coral provinces in the NE Atlantic. <i>Progress in Oceanography</i> , 2014, 122, 92-104.	1.5	100
43	Short-term metabolic and growth responses of the cold-water coral <i>Lophelia pertusa</i> to ocean acidification. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 27-35.	0.6	84
44	Species-specific physiological response by the cold-water corals <i>Lophelia pertusa</i> and <i>Madrepora oculata</i> to variations within their natural temperature range. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 36-41.	0.6	86
45	Habitat characterization of deep-water coral reefs in La Gaviera Canyon (Avilés Canyon System), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	59
46	High-resolution temperature observations of a trapped nonlinear diurnal tide influencing cold-water corals on the Logachev mounds. <i>Progress in Oceanography</i> , 2014, 125, 16-25.	1.5	41
47	Effects of high temperature and CO ₂ on intracellular DMSP in the cold-water coral <i>Lophelia pertusa</i> . <i>Marine Biology</i> , 2014, 161, 1499-1506.	0.7	11
48	Geochemical and physical constraints for the occurrence of living cold-water corals. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 19-26.	0.6	78
49	Insights into the population dynamics of the deep-sea coral genus <i>Paramuricea</i> in the Gulf of Mexico. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 71-82.	0.6	54
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52	Uptake of dissolved free amino acids by four cold-water coral species from the Mediterranean Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 42-50.	0.6	52
53	Cold-water coral habitats of Rockall and Porcupine Bank, NE Atlantic Ocean: Sedimentary facies and benthic foraminiferal assemblages. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 270-285.	0.6	13
54	Cold-water corals in a changing ocean. <i>Current Opinion in Environmental Sustainability</i> , 2014, 7, 118-126.	3.1	92

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56	Predicting the distribution of vulnerable marine ecosystems in the deep sea using presence-background models. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 6-18.	0.6	86
57	Benthic Assemblages of the Anton Dohrn Seamount (NE Atlantic): Defining Deep-Sea Biotopes to Support Habitat Mapping and Management Efforts with a Focus on Vulnerable Marine Ecosystems. <i>PLoS ONE</i> , 2015, 10, e0124815.	1.1	44
58	Exploration of the Canyon-Incised Continental Margin of the Northeastern United States Reveals Dynamic Habitats and Diverse Communities. <i>PLoS ONE</i> , 2015, 10, e0139904.	1.1	79
59	The influence of flow velocity and temperature on zooplankton capture rates by the cold-water coral <i>Dendrophyllia cornigera</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 466, 92-97.	0.7	27
60	The Eugen Seibold coral mounds offshore western Morocco: oceanographic and bathymetric boundary conditions of a newly discovered cold-water coral province. <i>Geo-Marine Letters</i> , 2015, 35, 257-269.	0.5	24
61	SCHACKOINELLA SPINA, A NEW BENTHIC FORAMINIFERAL SPECIES FROM COLD-WATER CORAL ECOSYSTEMS OF THE ALBORAN SEA AND THE GULF OF Cádiz. <i>Journal of Foraminiferal Research</i> , 2015, 45, 344-353.	0.1	0
62	Spatio-temporal distribution patterns of Mediterranean cold-water corals (<i>Lophelia pertusa</i> and <i>Solenastrea</i>) in the Atlantic Ocean. <i>Deep-Sea Research Part II: Oceanographic Research Papers</i> , 2015, 103, 37-48.	0.6	50
63	Interglacial occurrence of cold-water corals off Cape Lookout (NW Atlantic): First evidence of the Gulf Stream influence. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 105, 158-170.	0.6	25
64	Food selectivity and processing by the cold-water coral <i>Lophelia pertusa</i> . <i>Biogeosciences</i> , 2016, 13, 5789-5798.	1.3	20
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66	Overlooked habitat of a vulnerable gorgonian revealed in the Mediterranean and Eastern Atlantic by ecological niche modelling. <i>Scientific Reports</i> , 2016, 6, 36460.	1.6	35
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69	Reconstruction of the formation history of the Darwin Mounds, N Rockall Trough: How the dynamics of a sandy contourite affected cold-water coral growth. <i>Marine Geology</i> , 2016, 378, 186-195.	0.9	23
70	Quantifying relationships between abundances of cold-water coral <i>Lophelia pertusa</i> and terrain features: A case study on the Norwegian margin. <i>Continental Shelf Research</i> , 2016, 116, 13-26.	0.9	14
71	Cold-Water Corals in an Era of Rapid Global Change: Are These the Deep Ocean's Most Vulnerable Ecosystems?. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 99, 593-606.		14
72	Lipids and fatty acids of cold-water soft corals and hydrocorals: a comparison with tropical species and implications for coral nutrition. <i>Marine Biology</i> , 2016, 163, 1.	0.7	23

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75	Evolution of body size, vision, and biodiversity of coral-associated organisms: evidence from fossil crustaceans in cold-water coral and tropical coral ecosystems. <i>BMC Evolutionary Biology</i> , 2016, 16, 132.	3.2	14
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77	Biodiversity of <i>Spongosorites coralliophaga</i> (Stephens, 1915) on coral rubble at two contrasting cold-water coral reef settings. <i>Coral Reefs</i> , 2016, 35, 193-208.	0.9	34
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79	Cold-water coral ecosystems in Cassidaigne Canyon: An assessment of their environmental living conditions. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 137, 436-453.	0.6	40
80	Modeling polyp activity of <i>Paragorgia arborea</i> using supervised learning. <i>Ecological Informatics</i> , 2017, 39, 109-118.	2.3	8
81	Physiological responses and lipid storage of the coral <i>Lophelia pertusa</i> at varying food density. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 266-284.	1.1	18
82	Reef building and carbonate production modes in the west-central Tethys during the Cenozoic. <i>Marine and Petroleum Geology</i> , 2017, 83, 261-304.	1.5	126
83	Using novel acoustic and visual mapping tools to predict the small-scale spatial distribution of live biogenic reef framework in cold-water coral habitats. <i>Coral Reefs</i> , 2017, 36, 255-268.	0.9	38
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85	The Giant Cold-Water Coral Mounds Barrier Off Mauritania. , 2017, , 481-525.		16
86	Framework-Forming Scleractinian Cold-Water Corals Through Space and Time: A Late Quaternary North Atlantic Perspective. , 2017, , 699-732.		26
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89	High-resolution facies zonation within a cold-water coral mound: The case of the Piddington Mound, Porcupine Seabight, NE Atlantic. <i>Marine Geology</i> , 2017, 390, 120-130.	0.9	31
90	Cold-Water Corals. , 0, , 803-816.		4

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92	Cold-Water Coral Habitats in Submarine Canyons of the Bay of Biscay. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	40
93	Predicting cold-water coral distribution in the Cap de Creus Canyon (NW Mediterranean): Implications for marine conservation planning. <i>Progress in Oceanography</i> , 2018, 169, 169-180.	1.5	35
94	Predictive habitat modeling in two Mediterranean canyons including hydrodynamic variables. <i>Progress in Oceanography</i> , 2018, 169, 151-168.	1.5	47
95	The giant Mauritanian cold-water coral mound province: Oxygen control on coral mound formation. <i>Quaternary Science Reviews</i> , 2018, 185, 135-152.	1.4	63
96	Trophic structure of cold-water coral communities revealed from the analysis of tissue isotopes and fatty acid composition. <i>Marine Biology Research</i> , 2018, 14, 287-306.	0.3	13
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100	Growth and feeding of deep-sea coral <i>Lophelia pertusa</i> from the California margin under simulated ocean acidification conditions. <i>PeerJ</i> , 2018, 6, e5671.	0.9	32
101	Biochemical composition of the cold-water coral <i>Dendrophyllia cornigera</i> under contrasting productivity regimes: Insights from lipid biomarkers and compound-specific isotopes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 141, 106-117.	0.6	12
102	New insights on coral mound development from groundtruthed high-resolution ROV-mounted multibeam imaging. <i>Marine Geology</i> , 2018, 403, 225-237.	0.9	27
103	Unravelling the versatile feeding and metabolic strategies of the cold-water ecosystem engineer <i>Spongosorites coralliophaga</i> (Stephens, 1915). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 141, 71-82.	0.6	18
104	Large-scale paleoceanographic variations in the western Mediterranean Sea during the last 34,000 years: From enhanced cold-water coral growth to declining mounds. <i>Marine Micropaleontology</i> , 2018, 143, 46-62.	0.5	16
105	Temperature control of cold-water coral (<i>Lophelia</i>) mound growth by climate-cycle forcing, Northeast Gulf of Mexico. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 140, 142-158.	0.6	8
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108	26 Occurrence of Living Cold-Water Corals at Large Depths Within Submarine Canyons of the Northwestern Mediterranean Sea. <i>Coral Reefs of the World</i> , 2019, , 271-284.	0.3	7

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111	36 Growth Patterns of Mediterranean Calcifying Cold-Water Corals. <i>Coral Reefs of the World</i> , 2019, , 405-422.	0.3	4
112	4 A Turbulent Story: Mediterranean Contourites and Cold-Water Corals. <i>Coral Reefs of the World</i> , 2019, , 35-46.	0.3	6
113	Using 3D photogrammetry from ROV video to quantify cold-water coral reef structural complexity and investigate its influence on biodiversity and community assemblage. <i>Coral Reefs</i> , 2019, 38, 1007-1021.	0.9	97
114	The Diversity and Ecological Role of Non-scleractinian Corals (<i>Antipatharia</i> and <i>Alcyonacea</i>) on Scleractinian Cold-Water Coral Mounds. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	31
115	Cabled ocean observatory data reveal food supply mechanisms to a cold-water coral reef. <i>Progress in Oceanography</i> , 2019, 172, 51-64.	1.5	28
116	Characteristics of modern carbonate contourite drifts. <i>Sedimentology</i> , 2019, 66, 1163-1191.	1.6	44
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123	Baseline Assessment of Marine Litter and Microplastic Ingestion by Cold-Water Coral Reef Benthos at the East Mingulay Marine Protected Area (Sea of the Hebrides, Western Scotland). <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	36
124	Thousands of cold-water coral mounds along the Moroccan Atlantic continental margin: Distribution and morphometry. <i>Marine Geology</i> , 2019, 411, 51-61.	0.9	25
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130	Sponges Revealed: A Synthesis of Their Overlooked Ecological Functions Within Aquatic Ecosystems. , 2020, , 181-193.		16
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132	Influence of benthic currents on cold-water coral habitats: a combined benthic monitoring and 3D photogrammetric investigation. <i>Scientific Reports</i> , 2020, 10, 19433.	1.6	30
133	An Automated Pipeline for Image Processing and Data Treatment to Track Activity Rhythms of <i>Paragorgia arborea</i> in Relation to Hydrographic Conditions. <i>Sensors</i> , 2020, 20, 6281.	2.1	16
134	Spatial Self-Organization as a New Perspective on Cold-Water Coral Mound Development. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	13
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137	Deglacial upslope shift of NE Atlantic intermediate waters controlled slope erosion and cold-water coral mound formation (Porcupine Seabight, Irish margin). <i>Quaternary Science Reviews</i> , 2020, 237, 106310.	1.4	21
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