

# Dierk Hebbeln

## List of Publications by Citations

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179  
papers

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195  
ext. papers

8,497  
ext. citations

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L-index

#	Paper	IF	Citations
179	Holocene rainfall variability in southern Chile: a marine record of latitudinal shifts of the Southern Westerlies. <i>Earth and Planetary Science Letters</i> , <b>2001</b> , 185, 369-382	5.3	286
178	Antarctic timing of surface water changes off Chile and Patagonian ice sheet response. <i>Science</i> , <b>2004</b> , 304, 1959-62	33.3	263
177	The White Coral Community in the Central Mediterranean Sea Revealed by ROV Surveys. <i>Oceanography</i> , <b>2009</b> , 22, 58-74	2.3	233
176	Moisture supply for northern ice-sheet growth during the Last Glacial Maximum. <i>Nature</i> , <b>1994</b> , 370, 357-360	36.0	223
175	FLUCTUATIONS OF THE SVALBARD/BARENTS SEA ICE SHEET DURING THE LAST 150 000 YEARS. <i>Quaternary Science Reviews</i> , <b>1998</b> , 17, 11-42	3.9	195
174	High-Resolution Marine Record of Climatic Change in Mid-latitude Chile during the Last 28,000 Years Based on Terrigenous Sediment Parameters. <i>Quaternary Research</i> , <b>1999</b> , 51, 83-93	1.9	185
173	Megafauna of vulnerable marine ecosystems in French mediterranean submarine canyons: Spatial distribution and anthropogenic impacts. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2014</b> , 104, 184-207	2.3	167
172	A 70-kyr sea surface temperature record off southern Chile (Ocean Drilling Program Site 1233). <i>Paleoceanography</i> , <b>2005</b> , 20, n/a-n/a		157
171	Basin-wide particulate carbon flux in the Atlantic Ocean: Regional export patterns and potential for atmospheric CO <sub>2</sub> sequestration. <i>Global Biogeochemical Cycles</i> , <b>2001</b> , 15, 845-862	5.9	146
170	Effects of ice coverage and ice-rafted material on sedimentation in the Fram Strait. <i>Nature</i> , <b>1991</b> , 350, 409-411	50.4	145
169	Modulation of the bipolar seesaw in the Southeast Pacific during Termination 1. <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 259, 400-413	5.3	138
168	The Growth and Decay of the Late Weichselian Ice Sheet in Western Svalbard and Adjacent Areas Based on Provenance Studies of Marine Sediments. <i>Quaternary Research</i> , <b>1995</b> , 44, 303-316	1.9	134
167	Distribution of planktic foraminifera at the ice margin in the Arctic (Fram Strait). <i>Marine Micropaleontology</i> , <b>1997</b> , 29, 257-269	1.7	127
166	Growth and erosion of a cold-water coral covered carbonate mound in the Northeast Atlantic during the Late Pleistocene and Holocene. <i>Earth and Planetary Science Letters</i> , <b>2005</b> , 233, 33-44	5.3	124
165	PALEOCEANOGRAPHY OF THE LAST INTERGLACIAL/GLACIAL CYCLE IN THE POLAR NORTH ATLANTIC. <i>Quaternary Science Reviews</i> , <b>1998</b> , 17, 125-153	3.9	110
164	High- and low-latitude climate control on the position of the southern Peru-Chile Current during the Holocene. <i>Paleoceanography</i> , <b>2002</b> , 17, 16-1-16-10		105
163	Hydrodynamics and cold-water coral facies distribution related to recent sedimentary processes at Galway Mound west of Ireland. <i>Marine Geology</i> , <b>2007</b> , 244, 184-195	3.3	100

162	Environmental changes and growth history of a cold-water carbonate mound (Propeller Mound, Porcupine Seabight). <i>International Journal of Earth Sciences</i> , <b>2007</b> , 96, 57-72	2.2	95
161	Low-latitude control on seasonal and interannual changes in planktonic foraminiferal flux and shell geochemistry off south Java: A sediment trap study. <i>Paleoceanography</i> , <b>2009</b> , 24, n/a-n/a		94
160	Late Quaternary precessional cycles of terrigenous sediment input off the Norte Chico, Chile (27.5°S) and palaeoclimatic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1998</b> , 141, 233-251	2.9	94
159	Glacial to Holocene swings of the Australian-Indonesian monsoon. <i>Nature Geoscience</i> , <b>2011</b> , 4, 540-544	18.3	91
158	Scleractinian cold-water corals in the Gulf of Cádiz: First clues about their spatial and temporal distribution. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2009</b> , 56, 1873-1893	2.5	90
157	No signature of abyssal carbon in intermediate waters off Chile during deglaciation. <i>Nature Geoscience</i> , <b>2010</b> , 3, 192-195	18.3	84
156	Last deglacial sea-surface temperature evolution in the Southeast Pacific compared to climate changes on the South American continent. <i>Quaternary Science Reviews</i> , <b>2002</b> , 21, 2085-2097	3.9	82
155	Surface sediment distribution along the Chilean continental slope related to upwelling and productivity. <i>Marine Geology</i> , <b>2000</b> , 164, 119-137	3.3	81
154	A comparison of the sedimentary records of the 1960 and 2010 great Chilean earthquakes in 17 lakes: Implications for quantitative lacustrine palaeoseismology. <i>Sedimentology</i> , <b>2015</b> , 62, 1466-1496	3.3	78
153	The impact of sediment provenance on barium-based productivity estimates. <i>Marine Geology</i> , <b>2000</b> , 169, 259-271	3.3	73
152	Northeastern Atlantic cold-water coral reefs and climate. <i>Geology</i> , <b>2011</b> , 39, 743-746	5	72
151	Fluid mud dynamics in the Weser estuary turbidity zone tracked by high-resolution side-scan sonar and parametric sub-bottom profiler. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 185-198	1.9	70
150	Asynchronous deposition of ice-rafted layers in the Nordic seas and North Atlantic Ocean. <i>Nature</i> , <b>1999</b> , 400, 348-351	50.4	69
149	Glacial to Holocene changes in sea surface temperature and coastal vegetation in north central Chile: high versus low latitude forcing. <i>Quaternary Science Reviews</i> , <b>2008</b> , 27, 2064-2075	3.9	67
148	Glacial cold-water coral growth in the Gulf of Cádiz: Implications of increased palaeo-productivity. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 298, 405-416	5.3	66
147	Oxygen control on Holocene cold-water coral development in the eastern Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2012</b> , 62, 89-96	2.5	65
146	Cold-water coral growth in the Alboran Sea related to high productivity during the Late Pleistocene and Holocene. <i>Marine Geology</i> , <b>2013</b> , 339, 71-82	3.3	64
145	Late Quaternary rapid climate change in northern Chile. <i>Terra Nova</i> , <b>2000</b> , 12, 8-13	3	64

144	Late Quaternary paleoceanography in the Fram Strait. <i>Paleoceanography</i> , <b>1997</b> , 12, 65-78		63
143	Carbonate budget of a cold-water coral carbonate mound: Propeller Mound, Porcupine Seabight. <i>International Journal of Earth Sciences</i> , <b>2007</b> , 96, 73-83	2.2	63
142	Productivity controlled cold-water coral growth periods during the last glacial off Mauritania. <i>Marine Geology</i> , <b>2011</b> , 280, 143-149	3.3	59
141	Environmental forcing of the Campeche cold-water coral province, southern Gulf of Mexico. <i>Biogeosciences</i> , <b>2014</b> , 11, 1799-1815	4.6	59
140	Reconstructing the thermal structure of the upper ocean: Insights from planktic foraminifera shell chemistry and alkenones in modern sediments of the tropical eastern Indian Ocean. <i>Paleoceanography</i> , <b>2011</b> , 26, n/a-n/a		58
139	Terrigenous sediment supply along the Chilean continental margin: modern regional patterns of texture and composition. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , <b>1998</b> , 87, 477-494		56
138	Millennial-scale sea surface temperature and Patagonian Ice Sheet changes off southernmost Chile (53°S) over the past ~60 kyr. <i>Paleoceanography</i> , <b>2011</b> , 26, n/a-n/a		54
137	Flux of ice-rafted detritus from sea ice in the Fram Strait. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2000</b> , 47, 1773-1790	2.3	54
136	Growth history of a cold-water coral covered carbonate mound [Galway Mound, Porcupine Seabight, NE-Atlantic. <i>Marine Geology</i> , <b>2008</b> , 253, 160-169	3.3	52
135	Macrobenthic animal assemblages of the continental margin off Chile (22° to 42°S). <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2005</b> , 85, 233-245	1.1	52
134	Franken Mound: facies and biocoenoses on a newly-discovered [carbonate mound] on the western Rockall Bank, NE Atlantic. <i>Facies</i> , <b>2008</b> , 54, 1-24	1.8	51
133	Biogenic silica and diatom thanatocoenosis in surface sediments below the Peru-Chile Current: controlling mechanisms and relationship with productivity of surface waters. <i>Marine Micropaleontology</i> , <b>2003</b> , 48, 71-90	1.7	51
132	High resolution planktic foraminiferal record of the last 13,300 years from the upwelling area off Chile. <i>Marine Geology</i> , <b>1999</b> , 161, 115-128	3.3	51
131	Climate-induced changes in the suitable habitat of cold-water corals and commercially important deep-sea fishes in the North Atlantic. <i>Global Change Biology</i> , <b>2020</b> , 26, 2181	11.4	50
130	Melting of the Patagonian Ice Sheet and deglacial perturbations of the nitrogen cycle in the eastern South Pacific. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	49
129	Good neighbours shaped by vigorous currents: Cold-water coral mounds and contourites in the North Atlantic. <i>Marine Geology</i> , <b>2016</b> , 378, 171-185	3.3	48
128	Precision of high-resolution multibeam echo sounding coupled with high-accuracy positioning in a shallow water coastal environment. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 141-149	1.9	47
127	Recent sedimentation and mass accumulation rates based on 210Pb along the Peru-Chile continental margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2004</b> , 51, 2523-2541	2.3	47

126	Late Quaternary variability of sedimentary nitrogen isotopes in the eastern South Pacific Ocean. <i>Paleoceanography</i> , <b>2007</b> , 22,		46
125	Sea surface temperature variability in the Pacific sector of the Southern Ocean over the past 700 kyr. <i>Paleoceanography</i> , <b>2012</b> , 27,		45
124	Cooling of the southern high latitudes during the Medieval Period and its effect on ENSO. <i>Quaternary Science Reviews</i> , <b>2007</b> , 26, 1055-1066	3.9	44
123	Global ocean conveyor lowers extinction risk in the deep sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2014</b> , 88, 8-16	2.5	43
122	Controls on sedimentary nitrogen isotopes along the Chile margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2009</b> , 56, 1042-1054	2.3	42
121	Late Pleistocene surface and thermocline conditions of the eastern tropical Indian Ocean. <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 887-896	3.9	41
120	Cold-water coral mounds on the Pen Duick Escarpment, Gulf of Cadiz: The MiCROSYSTEMS project approach. <i>Marine Geology</i> , <b>2011</b> , 282, 102-117	3.3	41
119	Aggradation and carbonate accumulation of Holocene Norwegian cold-water coral reefs. <i>Sedimentology</i> , <b>2015</b> , 62, 1873-1898	3.3	40
118	Quantification of dune dynamics during a tidal cycle in an inlet channel of the Danish Wadden Sea. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 151-163	1.9	40
117	Paleoproductivity in the southern Peru-Chile Current through the last 33 000 yr. <i>Marine Geology</i> , <b>2002</b> , 186, 487-504	3.3	40
116	Spatio-temporal distribution patterns of Mediterranean cold-water corals ( <i>Lophelia pertusa</i> and <i>Madrepora oculata</i> ) during the past 14,000 years. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2015</b> , 103, 37-48	2.5	38
115	Provenance of organic matter and nutrient conditions on a river- and upwelling influenced shelf: A case study from the Portuguese Margin. <i>Marine Geology</i> , <b>2007</b> , 243, 169-179	3.3	38
114	Development of subaqueous barchanoid-shaped dunes due to lateral grain size variability in a tidal inlet channel of the Danish Wadden Sea. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110, n/a-n/a		38
113	Seasonal flux patterns of planktic foraminifera in the Peru-Chile current. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>1998</b> , 45, 1161-1185	2.5	37
112	Paleoproductivity evolution off central Chile from the Last Glacial Maximum to the Early Holocene. <i>Quaternary Research</i> , <b>2006</b> , 65, 519-525	1.9	37
111	Mechanisms and variations of the paleoproductivity off northern Chile (24°S-3°S) during the last 40,000 years. <i>Paleoceanography</i> , <b>2004</b> , 19, n/a-n/a		37
110	Tracing the impact of glacial-interglacial climate variability on erosion of the southern Andes. <i>Geology</i> , <b>2007</b> , 35, 131	5	36
109	Seasonal variations of the particle flux in the Peru-Chile current at 30°S under normal and El Niño conditions. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2000</b> , 47, 2101-2128	2.3	36

108	The giant Mauritanian cold-water coral mound province: Oxygen control on coral mound formation. <i>Quaternary Science Reviews</i> , <b>2018</b> , 185, 135-152	3.9	35
107	Seamount physiography and biology in the north-east Atlantic and Mediterranean Sea. <i>Biogeosciences</i> , <b>2013</b> , 10, 3039-3054	4.6	35
106	Temporal and spatial variability in export production in the SE Pacific Ocean: evidence from siliceous plankton fluxes and surface sediment assemblages. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2001</b> , 48, 2673-2697	2.5	33
105	Where did ancient carbonate mounds grow – In bathyal depths or in shallow shelf waters?. <i>Earth-Science Reviews</i> , <b>2015</b> , 145, 56-65	10.2	31
104	Sources and modes of terrigenous sediment input to the Chilean continental slope. <i>Quaternary International</i> , <b>2007</b> , 161, 67-76	2	31
103	Deglacial pattern of circulation and marine productivity in the upwelling region off central-south Chile. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 272, 221-230	5.3	30
102	Radionuclides in Arctic sea ice: Tracers of sources, fates and ice transit time scales. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2007</b> , 54, 1289-1310	2.5	30
101	Surface sediment distribution in the Fram Strait. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>1993</b> , 40, 1731-1745	2.5	30
100	High precision U-series dating of scleractinian cold-water corals using an automated chromatographic U and Th extraction. <i>Chemical Geology</i> , <b>2017</b> , 475, 140-148	4.2	29
99	Iron control of past productivity in the coastal upwelling system off the Atacama Desert, Chile. <i>Paleoceanography</i> , <b>2004</b> , 19, n/a-n/a		29
98	Depositional history of the Helgoland mud area, German Bight, North Sea. <i>Geo-Marine Letters</i> , <b>2003</b> , 23, 81-90	1.9	29
97	Upwelling and productivity along the Peru-Chile Current derived from faunal and isotopic compositions of planktic foraminifera in surface sediments. <i>Marine Geology</i> , <b>2005</b> , 216, 107-126	3.3	29
96	Metazoan meiofauna within the oxygen-minimum zone off Chile: Results of the 2001-PUCK expedition. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2009</b> , 56, 1105-1111	2.3	28
95	Greenland ice sheet retreat history in the northeast Baffin Bay based on high-resolution bathymetry. <i>Quaternary Science Reviews</i> , <b>2016</b> , 154, 182-198	3.9	28
94	Temporal and spatial patterns of sediment deposition in the northern South China Sea over the last 50,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 465, 212-224	2.9	27
93	Weichselian glacial history of the Svalbard area: correlating the marine and terrestrial records. <i>Boreas</i> , <b>2008</b> , 21, 295-302	2.4	27
92	Mediterranean cold-water corals – An important regional carbonate factory?. <i>Depositional Record</i> , <b>2016</b> , 2, 74-96	2	27
91	Stable Oxygen Isotopes and Mg/Ca in Planktic Foraminifera From Modern Surface Sediments of the Western Pacific Warm Pool: Implications for Thermocline Reconstructions. <i>Paleoceanography</i> , <b>2017</b> , 32, 1174-1194		26

90	Changes in the advection of Antarctic Intermediate Water to the northern Chilean coast during the last 970 kyr. <i>Paleoceanography</i> , <b>2013</b> , 28, 607-618		26
89	Modern environmental conditions recorded in surface sediment samples off W and SW Indonesia: Planktonic foraminifera and biogenic compounds analyses. <i>Marine Micropaleontology</i> , <b>2007</b> , 65, 96-112	1.7	26
88	Benthic megafaunal and demersal fish assemblages on the Chilean continental margin: The influence of the oxygen minimum zone on bathymetric distribution. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2009</b> , 56, 1112-1123	2.3	25
87	Tsunamis caused by submarine slope failures along western Great Bahama Bank. <i>Scientific Reports</i> , <b>2016</b> , 6, 35925	4.9	24
86	Carbonate mound development in contrasting settings on the Irish margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2014</b> , 99, 297-306	2.3	23
85	Dynamics of the millennial-scale sea surface temperature and Patagonian Ice Sheet fluctuations in southern Chile during the last 70kyr (ODP Site 1233). <i>Quaternary International</i> , <b>2007</b> , 161, 77-89	2	23
84	Atlantic Water advection vs. glacier dynamics in northern Spitsbergen since early deglaciation. <i>Climate of the Past</i> , <b>2017</b> , 13, 1717-1749	3.9	22
83	Late Holocene coastal hydrographic and climate changes in the eastern North Sea. <i>Holocene</i> , <b>2006</b> , 16, 987-1001	2.6	22
82	Downward fluxes of faecal material and microplankton at 2300m depth in the oceanic area off Coquimbo (30°S), Chile, during 1993-1995. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2004</b> , 51, 2457-2474	2.3	22
81	Seasonal and interannual variability in the flux of planktic foraminifera in the Humboldt Current System off central Chile (30°S). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2004</b> , 51, 2441-2455	2.3	22
80	Pleistocene dissolution fluctuations from apparent depth of deposition in Core ERDC-127P, west-equatorial Pacific. <i>Marine Geology</i> , <b>1990</b> , 92, 165-176	3.3	22
79	Coral Patch seamount (NE Atlantic) - sedimentological and megafaunal reconnaissance based on video and hydroacoustic surveys. <i>Biogeosciences</i> , <b>2013</b> , 10, 3421-3443	4.6	21
78	History of anthropogenic nitrogen input to the German Bight/SE North Sea as reflected by nitrogen isotopes in surface sediments, sediment cores and hindcast models. <i>Continental Shelf Research</i> , <b>2010</b> , 30, 1626-1638	2.4	21
77	Distribution and burial of organic carbon in sediments from the Indian Ocean upwelling region off Java and Sumatra, Indonesia. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2010</b> , 57, 458-467	2.5	21
76	The North Atlantic Oscillation forcing through the last 2000 years: Spatial variability as revealed by high-resolution marine diatom records from N and SW Europe. <i>Marine Micropaleontology</i> , <b>2006</b> , 60, 113-129	1.7	21
75	Hydrological variations of the intermediate water masses of the western Mediterranean Sea during the past 20 ka inferred from neodymium isotopic composition in foraminifera and cold-water corals. <i>Climate of the Past</i> , <b>2017</b> , 13, 17-37	3.9	20
74	Formation and entrainment of fluid mud layers in troughs of subtidal dunes in an estuarine turbidity zone. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 2175-2187	3.3	20
73	Stable oxygen isotopes as recorders of salinity and river discharge in the German Bight, North Sea. <i>Geo-Marine Letters</i> , <b>2003</b> , 23, 130-136	1.9	20

72	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> , <b>2015</b> , 105, 158-170	2.5	19
71	Bottom currents and their influence on the sedimentation pattern in the El Arraiche mud volcano province, southern Gulf of Cadiz. <i>Marine Geology</i> , <b>2016</b> , 378, 114-126	3.3	19
70	Variations in sediment provenance during the past 3000 years off the Tagus River, Portugal. <i>Marine Geology</i> , <b>2009</b> , 261, 82-91	3.3	19
69	Changing marine productivity off northern Chile during the past 19 000 years: a multivariable approach. <i>Journal of Quaternary Science</i> , <b>2004</b> , 19, 347-360	2.3	19
68	High concentrations of biogenic barium in Pacific sediments after Termination II signal of changes in productivity and deep water chemistry. <i>Marine Geology</i> , <b>2001</b> , 177, 1-11	3.3	19
67	The Fate of Cold-Water Corals in a Changing World: A Geological Perspective. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	18
66	Coral mound development at the Campeche cold-water coral province, southern Gulf of Mexico: Implications of Antarctic Intermediate Water increased influence during interglacials. <i>Marine Geology</i> , <b>2017</b> , 392, 53-65	3.3	18
65	The consequences of opening the Sunda Strait on the hydrography of the eastern tropical Indian Ocean. <i>Paleoceanography</i> , <b>2015</b> , 30, 1358-1372		18
64	Impact of dumped sediments on subaqueous dunes, outer Weser Estuary, German Bight, southeastern North Sea. <i>Geo-Marine Letters</i> , <b>2005</b> , 25, 43-53	1.9	18
63	Cold-water coral mounds in the southern Alboran Sea (western Mediterranean Sea): Internal waves as an important driver for mound formation since the last deglaciation. <i>Marine Geology</i> , <b>2019</b> , 412, 1-18	3.3	17
62	Turbidite paleoseismology along the active continental margin of Chile: Feasible or not?. <i>Quaternary Science Reviews</i> , <b>2015</b> , 120, 71-92	3.9	17
61	Shelfal sediment transport by an undercurrent forces turbidity-current activity during high sea level along the Chile continental margin. <i>Geology</i> , <b>2016</b> , 44, 295-298	5	16
60	Environmental factors influencing benthic communities in the oxygen minimum zones on the Angolan and Namibian margins. <i>Biogeosciences</i> , <b>2019</b> , 16, 4337-4356	4.6	16
59	Variations in Western Pacific Warm Pool surface and thermocline conditions over the past 110,000 years: Forcing mechanisms and implications for the glacial Walker circulation. <i>Quaternary Science Reviews</i> , <b>2018</b> , 201, 429-445	3.9	16
58	Holocene variations of thermocline conditions in the eastern tropical Indian Ocean. <i>Quaternary Science Reviews</i> , <b>2015</b> , 114, 33-42	3.9	15
57	An east-west-trending Quaternary tunnel valley in the south-eastern North Sea and its seismic-sedimentological interpretation. <i>Journal of Quaternary Science</i> , <b>2012</b> , 27, 844-853	2.3	15
56	The fate of dumped sediments monitored by a high-resolution multibeam echosounder system, Weser Estuary, German Bight. <i>Geo-Marine Letters</i> , <b>2004</b> , 24, 22-31	1.9	15
55	The role of sea ice in the fate of contaminants in the Arctic Ocean: plutonium atom ratios in the Fram Strait. <i>Environmental Science &amp; Technology</i> , <b>2003</b> , 37, 4848-54	10.3	15



54	Sedimentation in a tropical fjord: Golfo Dulce, Costa Rica. <i>Geo-Marine Letters</i> , <b>2001</b> , 20, 142-148	1.9	15
53	Sedimentary patterns in the vicinity of a carbonate mound in the Hovland Mound Province, northern Porcupine Seabight <b>2005</b> , 87-112		15
52	Thousands of cold-water coral mounds along the Moroccan Atlantic continental margin: Distribution and morphometry. <i>Marine Geology</i> , <b>2019</b> , 411, 51-61	3.3	14
51	Sedimentation patterns on a cold-water coral mound off Mauritania. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2014</b> , 99, 307-315	2.3	14
50	Improvement of morphodynamic modeling of tidal channel migration by nudging. <i>Coastal Engineering</i> , <b>2013</b> , 77, 1-13	4.8	14
49	Multiple generations of buried cold-water coral mounds since the Early-Middle Pleistocene Transition in the Atlantic Moroccan Coral Province, southern Gulf of Cádiz. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 485, 293-304	2.9	14
48	Immediate propagation of deglacial environmental change to deep-marine turbidite systems along the Chile convergent margin. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 473, 190-204	5.3	14
47	Residual currents and bedform migration in a natural tidal inlet (Knudedyb, Danish Wadden Sea). <i>Geomorphology</i> , <b>2016</b> , 271, 74-83	4.3	14
46	South Atlantic intermediate water advances into the North-east Atlantic with reduced Atlantic meridional overturning circulation during the last glacial period. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 2336-2353	3.6	14
45	El Niño-like pattern in the Pacific during marine isotope stages (MIS) 13 and 11?. <i>Paleoceanography</i> , <b>2006</b> , 21, n/a-n/a		12
44	How a river submerges into the sea: a geological record of changing a fluvial to a marine paleoenvironment during early Holocene sea level rise. <i>Journal of Quaternary Science</i> , <b>2019</b> , 34, 581-592 <sup>2.3</sup>		11
43	Mid-Holocene extinction of cold-water corals on the Namibian shelf steered by the Benguela oxygen minimum zone. <i>Geology</i> , <b>2019</b> , 47, 1185-1188	5	11
42	Implications of bedform dimensions for the prediction of local scour in tidal inlets: a case study from the southern North Sea. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 165-176	1.9	11
41	An 800-year reconstruction of Elbe River discharge and German Bight sea-surface salinity. <i>Holocene</i> , <b>2005</b> , 15, 429-434	2.6	11
40	Cold-water coral reefs thriving under hypoxia. <i>Coral Reefs</i> , <b>2020</b> , 39, 853-859	4.2	10
39	Wahlenbergfjord, eastern Svalbard: a glacier-surrounded fjord reflecting regional hydrographic variability during the Holocene?. <i>Boreas</i> , <b>2018</b> , 47, 1003-1021	2.4	10
38	The late quaternary paleoenvironment of Chile as seen from marine archives. <i>Geographica Helvetica</i> , <b>2006</b> , 61, 135-151	1.1	10
37	Precession modulation of the South Pacific westerly wind belt over the past million years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 23455-23460 <sup>11.5</sup>		10

36	An isolated carbonate knoll in the Timor Sea (Sahul Shelf, NW Australia): facies zonation and sediment composition. <i>Facies</i> , <b>2010</b> , 56, 179-193	1.8	9
35	The concept of Representative tides in morphodynamic numerical modelling. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 125-132	1.9	9
34	A revised stratigraphical framework for the Quaternary deposits of the German North Sea sector: a geological-geotechnical approach. <i>Boreas</i> , <b>2018</b> , 47, 80-105	2.4	9
33	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> , <b>2020</b> , 237, 106310	3.9	8
32	High interglacial diatom paleoproductivity in the westernmost Indo-Pacific Warm Pool during the past 130,000 years. <i>Paleoceanography</i> , <b>2012</b> , 27, n/a-n/a		8
31	Test deformation and chemistry of foraminifera as response to anthropogenic heavy metal input. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 155, 111112	6.7	7
30	Holocene variability in sea ice and primary productivity in the northeastern Baffin Bay. <i>Arktos</i> , <b>2020</b> , 6, 55-73	0.9	7
29	Diatoms as upwelling and river discharge indicators along the Portuguese margin: instrumental data linked to proxy information. <i>Holocene</i> , <b>2007</b> , 17, 1245-1252	2.6	7
28	Organic matter degradation in the German Bight/SE North Sea: Implications from stable nitrogen isotopes and amino acids. <i>Marine Chemistry</i> , <b>2014</b> , 166, 103-113	3.7	6
27	Differential hydro-climatic evolution of East Javanese ecosystems over the past 22,000 years. <i>Quaternary Science Reviews</i> , <b>2019</b> , 218, 49-60	3.9	5
26	Reconstruction of productivity signal and deep-water conditions in Moroccan Atlantic margin (~35°N) from the last glacial to the Holocene. <i>SpringerPlus</i> , <b>2015</b> , 4, 69		5
25	Tributaries of the Elbe Palaeovalley: Features of a Hidden Palaeolandscape in the German Bight, North Sea. <i>Coastal Research Library</i> , <b>2017</b> , 211-222	0.4	5
24	Historical anthropogenic heavy metal input to the south-eastern North Sea. <i>Geo-Marine Letters</i> , <b>2020</b> , 40, 135-148	1.9	5
23	Interaction of Fire, Vegetation, and Climate in Tropical Ecosystems: A Multiproxy Study Over the Past 22,000 Years. <i>Global Biogeochemical Cycles</i> , <b>2020</b> , 34, e2020GB006677	5.9	4
22	8 Highly Variable Submarine Landscapes in the Alborñ Sea Created by Cold-Water Corals. <i>Coral Reefs of the World</i> , <b>2019</b> , 61-65	2.1	3
21	Dropstones in the Mar del Plata Canyon Area (SW Atlantic): Evidence for Provenance, Transport, Distribution, and Oceanographic Implications. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009333	3.6	3
20	Coral Patch seamount (NE Atlantic) - a sedimentological and macrofaunal reconnaissance based on video and hydroacoustic surveys		2
19	Hydrological variations of the intermediate water masses of the western Mediterranean Sea during the past 20 ka inferred from neodymium isotopic composition in foraminifera and cold-water corals		2

18	Environmental factors influencing cold-water coral ecosystems in the oxygen minimum zones on the Angolan and Namibian margins		2
17	Atlantic water inflow to Labrador Sea and its interaction with ice sheet dynamics during the Holocene. <i>Quaternary Science Reviews</i> , <b>2021</b> , 256, 106833	3.9	2
16	North Atlantic Basin-Scale Multi-Criteria Assessment Database to Inform Effective Management and Protection of Vulnerable Marine Ecosystems. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	2
15	Increased Marine Productivity in the Southern Humboldt Current System During MIS 2 and 10. <i>Paleoceanography and Paleoclimatology</i> , <b>2021</b> , 36, e2020PA004066	3.3	2
14	The Importance of Ecological Accommodation Space and Sediment Supply for Cold-Water Coral Mound Formation, a Case Study From the Western Mediterranean Sea. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	2
13	Ventilation of the Deep Ocean Carbon Reservoir During the Last Deglaciation: Results From the Southeast Pacific. <i>Paleoceanography and Paleoclimatology</i> , <b>2019</b> , 34, 2080-2097	3.3	1
12	FORAMINIFEROS PLANCTONICOS DURANTE EL NIÑO 1997-98 DEL AREA DE COQUIMBO (30°S; 73°W), CHILE. <i>Gayana</i> , <b>2005</b> , 69, 48	1.7	1
11	Environmental forcing of the Campeche cold-water coral province, southern Gulf of Mexico		1
10	Alkenone-based temperature patterns along the eastern South Pacific Coastal Ocean: the effect of upwelling and advection on the sedimentary alkenone unsaturation-index (<math>U_{37}^{alk}</math>)		1
9	Seamount physiography and biology in North-East Atlantic and Mediterranean Sea		1
8	Historic development of heavy metal contamination into the Firth of Thames, New Zealand. <i>Geo-Marine Letters</i> , <b>2020</b> , 40, 149-165	1.9	1
7	<i>Madrepora oculata</i> forms large frameworks in hypoxic waters off Angola (SE Atlantic). <i>Scientific Reports</i> , <b>2021</b> , 11, 15170	4.9	1
6	Sediment deposition in the central Hauraki Gulf, New Zealand. <i>Geo-Marine Letters</i> , <b>2020</b> , 40, 227-241	1.9	1
5	Investigating the Prevailing Hydrodynamics Around a Cold-Water Coral Colony Using a Physical and a Numerical Approach. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	1
4	Morphosedimentary, Structural and Benthic Characterization of Carbonate Mound Fields on the Upper Continental Slope of the Northern Alboran Sea (Western Mediterranean). <i>Geosciences (Switzerland)</i> , <b>2022</b> , 12, 111	2.7	0
3	Major environmental drivers determining life and death of cold-water corals through time.. <i>PLoS Biology</i> , <b>2022</b> , 20, e3001628	9.7	0
2	Variación temporal de los afloramientos costeros frente a Chile Central (36°S; 74°W), mediante los isótopos estables de oxígeno de foraminíferos planctónicos, durante El Niño 2006. <i>Gayana</i> , <b>2013</b> , 77, 10-20	1.7	
1	Reef-building Pacific oysters record seasonal variations in water mass-properties of tidal basins from the Central Wadden Sea (North Sea). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2021</b> , 577, 110534	2.9	

