

Claudia Wienberg

List of Publications by Year in descending order

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42
papers

1,738
citations

236925

25
h-index

289244

40
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49
all docs

49
docs citations

49
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2009, 56, 1873-1893.	1.4	112
2	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> , 2020, 26, 2181-2202.	9.5	109
3	Northeastern Atlantic cold-water coral reefs and climate. <i>Geology</i> , 2011, 39, 743-746.	4.4	88
4	Cold-water coral growth in the Alboran Sea related to high productivity during the Late Pleistocene and Holocene. <i>Marine Geology</i> , 2013, 339, 71-82.	2.1	79
5	Glacial cold-water coral growth in the Gulf of Cádiz: Implications of increased palaeo-productivity. <i>Earth and Planetary Science Letters</i> , 2010, 298, 405-416.	4.4	76
6	Environmental forcing of the Campeche cold-water coral province, southern Gulf of Mexico. <i>Biogeosciences</i> , 2014, 11, 1799-1815.	3.3	75
7	Oxygen control on Holocene cold-water coral development in the eastern Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 62, 89-96.	1.4	72
8	Productivity controlled cold-water coral growth periods during the last glacial off Mauritania. <i>Marine Geology</i> , 2011, 280, 143-149.	2.1	71
9	Good neighbours shaped by vigorous currents: Cold-water coral mounds and contourites in the North Atlantic. <i>Marine Geology</i> , 2016, 378, 171-185.	2.1	66
10	The giant Mauritanian cold-water coral mound province: Oxygen control on coral mound formation. <i>Quaternary Science Reviews</i> , 2018, 185, 135-152.	3.0	63
11	Franken Mound: facies and biocoenoses on a newly-discovered carbonate mound on the western Rockall Bank, NE Atlantic. <i>Facies</i> , 2008, 54, 1-24.	1.4	62
12	Growth history of a cold-water coral covered carbonate mound – Galway Mound, Porcupine Seabight, NE-Atlantic. <i>Marine Geology</i> , 2008, 253, 160-169.	2.1	61
13	Global ocean conveyor lowers extinction risk in the deep sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 88, 8-16.	1.4	50
14	Spatio-temporal distribution patterns of Mediterranean cold-water corals (<i>Lophelia pertusa</i> and <i>Trochammina inflata</i>). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 103, 37-48.	1.4	50
15	High precision U-series dating of scleractinian cold-water corals using an automated chromatographic U and Th extraction. <i>Chemical Geology</i> , 2017, 475, 140-148.	3.3	47
16	Acoustic seabed classification in a coastal environment (outer Weser Estuary, German Bight) – a new approach to monitor dredging and dredge spoil disposal. <i>Continental Shelf Research</i> , 2005, 25, 1143-1156.	1.8	44
17	Environmental factors influencing benthic communities in the oxygen minimum zones on the Angolan and Namibian margins. <i>Biogeosciences</i> , 2019, 16, 4337-4356.	3.3	42
18	Seamount physiography and biology in the north-east Atlantic and Mediterranean Sea. <i>Biogeosciences</i> , 2013, 10, 3039-3054.	3.3	39

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19	Mediterranean cold-water corals – an important regional carbonate factory?. <i>Depositional Record</i> , 2016, 2, 74-96.	1.7	39
20	Cold-water coral reefs thriving under hypoxia. <i>Coral Reefs</i> , 2020, 39, 853-859.	2.2	36
21	The Fate of Cold-Water Corals in a Changing World: A Geological Perspective. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	34
22	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> , 2017, 392, 53-65.	2.1	32
23	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> , 2019, 412, 1-18.	2.1	31
24	Coral Patch seamount (NE Atlantic) – a sedimentological and megafaunal reconnaissance based on video and hydroacoustic surveys. <i>Biogeosciences</i> , 2013, 10, 3421-3443.	3.3	27
25	Hydrological variations of the intermediate water masses of the western Mediterranean Sea during the past 20ka inferred from neodymium isotopic composition in foraminifera and cold-water corals. <i>Climate of the Past</i> , 2017, 13, 17-37.	3.4	27
26	Framework-Forming Scleractinian Cold-Water Corals Through Space and Time: A Late Quaternary North Atlantic Perspective. , 2017, , 699-732.		26
27	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.	1.4	25
28	Thousands of cold-water coral mounds along the Moroccan Atlantic continental margin: Distribution and morphometry. <i>Marine Geology</i> , 2019, 411, 51-61.	2.1	25
29	Major environmental drivers determining life and death of cold-water corals through time. <i>PLoS Biology</i> , 2022, 20, e3001628.	5.6	24
30	The climate influence on the mid-depth Northeast Atlantic gyres viewed by cold-water corals. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	22
31	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> , 2017, 485, 293-304.	2.3	22
32	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.	3.0	21
33	Impact of dumped sediments on subaqueous dunes, outer Weser Estuary, German Bight, southeastern North Sea. <i>Geo-Marine Letters</i> , 2005, 25, 43-53.	1.1	19
34	Mid-Holocene extinction of cold-water corals on the Namibian shelf steered by the Benguela oxygen minimum zone. <i>Geology</i> , 2019, 47, 1185-1188.	4.4	19
35	Sedimentation patterns on a cold-water coral mound off Mauritania. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 307-315.	1.4	17
36	Framework-Forming Scleractinian Cold-Water Corals Through Space and Time: A Late Quaternary North Atlantic Perspective. , 2015, , 1-34.		17

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37	The fate of dumped sediments monitored by a high-resolution multibeam echosounder system, Weser Estuary, German Bight. <i>Geo-Marine Letters</i> , 2004, 24, 22-31.	1.1	15
38	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> , 2021, 8, .	2.5	13
39	<i>Madrepora oculata</i> forms large frameworks in hypoxic waters off Angola (SE Atlantic). <i>Scientific Reports</i> , 2021, 11, 15170.	3.3	12
40	An isolated carbonate knoll in the Timor Sea (Sahul Shelf, NW Australia): facies zonation and sediment composition. <i>Facies</i> , 2010, 56, 179-193.	1.4	10
41	7 A Deglacial Cold-Water Coral Boom in the Alboran Sea: From Coral Mounds and Species Dominance. <i>Coral Reefs of the World</i> , 2019, , 57-60.	0.7	5
42	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> , 2022, 12, 111.	2.2	5