Gesine Mollenhauer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116 papers

3,565 citations

33 h-index 56 g-index

171 ext. papers

4,230 ext. citations

avg, IF

6.2

5.13 L-index

#	Paper	IF	Citations
116	Selective preservation of organic matter in marine environments; processes and impact on the sedimentary record. <i>Biogeosciences</i> , 2010 , 7, 483-511	4.6	257
115	Increase in African dust flux at the onset of commercial agriculture in the Sahel region. <i>Nature</i> , 2010 , 466, 226-8	50.4	206
114	Forcing of wet phases in southeast Africa over the past 17,000 years. <i>Nature</i> , 2011 , 480, 509-12	50.4	201
113	Eastern Pacific cooling and Atlantic overturning circulation during the last deglaciation. <i>Nature</i> , 2006 , 443, 846-9	50.4	125
112	Asynchronous alkenone and foraminifera records from the Benguela Upwelling System. <i>Geochimica Et Cosmochimica Acta</i> , 2003 , 67, 2157-2171	5.5	121
111	Sea surface temperature variability and sea-ice extent in the subarctic northwest Pacific during the past 15,000 years. <i>Paleoceanography</i> , 2012 , 27, n/a-n/a		104
110	Origins of archaeal tetraether lipids in sediments: Insights from radiocarbon analysis. <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 4577-4594	5.5	103
109	Long chain 1,13- and 1,15-diols as a potential proxy for palaeotemperature reconstruction. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 84, 204-216	5.5	90
108	Orbital- and millennial-scale changes in the hydrologic cycle and vegetation in the western African Sahel: insights from individual plant wax D and 13C . <i>Quaternary Science Reviews</i> , 2010 , 29, 2996-3005	3.9	89
107	Core-top calibration of the lipid-based U37K? and TEX86 temperature proxies on the southern Italian shelf (SW Adriatic Sea, Gulf of Taranto). <i>Earth and Planetary Science Letters</i> , 2010 , 300, 112-124	5.3	86
106	An evaluation of 14C age relationships between co-occurring foraminifera, alkenones, and total organic carbon in continental margin sediments. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		86
105	Aging of marine organic matter during cross-shelf lateral transport in the Benguela upwelling system revealed by compound-specific radiocarbon dating. <i>Geochemistry, Geophysics, Geosystems</i> , 2007 , 8, n/a-n/a	3.6	84
104	Controls on the age of vascular plant biomarkers in Black Sea sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 7031-7047	5.5	83
103	Timing and structure of Mega-SACZ events during Heinrich Stadial 1. <i>Geophysical Research Letters</i> , 2015 , 42, 5477	4.9	70
102	Miocene to Pliocene development of surface and subsurface temperatures in the Benguela Current system. <i>Paleoceanography</i> , 2011 , 26, n/a-n/a		70
101	Diagenetic and sedimentological controls on the composition of organic matter preserved in California Borderland Basin sediments. <i>Limnology and Oceanography</i> , 2007 , 52, 558-576	4.8	68
100	Glacial/interglacial variablity in the Benguela upwelling system: Spatial distribution and budgets of organic carbon accumulation. <i>Global Biogeochemical Cycles</i> , 2002 , 16, 81-1-81-15	5.9	64

99	Appraisal of TEX86 and . Geochimica Et Cosmochimica Acta, 2014, 131, 213-226	5.5	63
98	An interlaboratory study of TEX86 and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 5263-5285	3.6	62
97	Millennial-scale sea surface temperature and Patagonian Ice Sheet changes off southernmost Chile (53°LS) over the past ~60 kyr. <i>Paleoceanography</i> , 2011 , 26, n/a-n/a		54
96	A radiocarbon-based assessment of the preservation characteristics of crenarchaeol and alkenones from continental margin sediments. <i>Organic Geochemistry</i> , 2008 , 39, 1039-1045	3.1	51
95	Distribution of intact and core tetraether lipids in water column profiles of suspended particulate matter off Cape Blanc, NW Africa. <i>Organic Geochemistry</i> , 2014 , 72, 1-13	3.1	48
94	Miocene to Pliocene changes in South African hydrology and vegetation in relation to the expansion of C4 plants. <i>Earth and Planetary Science Letters</i> , 2013 , 375, 408-417	5.3	47
93	Sea surface temperature variability in the Pacific sector of the Southern Ocean over the past 700 kyr. <i>Paleoceanography</i> , 2012 , 27,		45
92	Decoupling of bio- and geohopanoids in sediments of the Benguela Upwelling System (BUS). <i>Organic Geochemistry</i> , 2010 , 41, 1119-1129	3.1	45
91	Organic carbon accumulation in the South Atlantic Ocean: its modern, mid-Holocene and last glacial distribution. <i>Global and Planetary Change</i> , 2004 , 40, 249-266	4.2	45
90	On the sedimentological origin of down-core variations of bulk sedimentary nitrogen isotope ratios. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		43
89	Rapid lateral particle transport in the Argentine Basin: Molecular 14C and 230Thxs evidence. Deep-Sea Research Part I: Oceanographic Research Papers, 2006, 53, 1224-1243	2.5	40
88	Fractionation of 230Th, 231Pa, and 10Be induced by particle size and composition within an opal-rich sediment of the Atlantic Southern Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 6971-69	9 <i>\$</i> 7 ⁵	38
87	Stratification of archaeal membrane lipids in the ocean and implications for adaptation and chemotaxonomy of planktonic archaea. <i>Environmental Microbiology</i> , 2016 , 18, 4324-4336	5.2	38
86	Evaluation of long chain 1,14-alkyl diols in marine sediments as indicators for upwelling and temperature. <i>Organic Geochemistry</i> , 2014 , 76, 39-47	3.1	37
85	Consistently dated Atlantic sediment cores over the last 40 thousand years. <i>Scientific Data</i> , 2019 , 6, 16	5 8.2	33
84	Grain size effects on 230Thxs inventories in opal-rich and carbonate-rich marine sediments. <i>Earth and Planetary Science Letters</i> , 2010 , 294, 131-142	5.3	33
83	Distribution of polar membrane lipids in permafrost soils and sediments of a small high Arctic catchment. <i>Organic Geochemistry</i> , 2010 , 41, 1130-1145	3.1	32
82	Thermal evolution of the western South Atlantic and the adjacent continent during Termination 1. <i>Climate of the Past</i> , 2015 , 11, 915-929	3.9	31

81	Palynological evidence for climatic and oceanic variability off NW Africa during the late Holocene. <i>Quaternary Research</i> , 2009 , 72, 188-197	1.9	31
80	Deglacial mobilization of pre-aged terrestrial carbon from degrading permafrost. <i>Nature Communications</i> , 2018 , 9, 3666	17.4	30
79	Timescales of lateral sediment transport in the Panama Basin as revealed by radiocarbon ages of alkenones, total organic carbon and foraminifera. <i>Earth and Planetary Science Letters</i> , 2010 , 290, 340-35	5 6 ^{.3}	29
78	Origin, transport and deposition of leaf-wax biomarkers in the Amazon Basin and the adjacent Atlantic. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 192, 149-165	5.5	29
77	Boundary scavenging at the East Atlantic margin does not negate use of 231Pa/230Th to trace Atlantic overturning. <i>Earth and Planetary Science Letters</i> , 2012 , 333-334, 317-331	5.3	28
76	Extratropical forcing of Sahel aridity during Heinrich stadials. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	28
75	Oscillations of the siliceous imprint in the central Benguela Upwelling System from MIS 3 through to the early Holocene: the influence of the Southern Ocean. <i>Journal of Quaternary Science</i> , 2003 , 18, 733-743	2.3	27
74	Particulate Organic Carbon Deconstructed: Molecular and Chemical Composition of Particulate Organic Carbon in the Ocean. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	24
73	Organic-geochemical proxies of sea surface temperature in surface sediments of the tropical eastern Indian Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014 , 88, 17-29	2.5	24
72	Characterization of particulate organic matter in the Lena River delta and adjacent nearshore zone, NE Siberia [Part 2: Lignin-derived phenol compositions. <i>Biogeosciences</i> , 2015 , 12, 2261-2283	4.6	24
71	Holocene sea-surface temperature variability in the Chilean fjord region. <i>Quaternary Research</i> , 2014 , 82, 342-353	1.9	22
70	Microbial biomarkers support organic carbon transport from methane-rich Amazon wetlands to the shelf and deep sea fan during recent and glacial climate conditions. <i>Organic Geochemistry</i> , 2014 , 67, 85-	98 ¹	22
69	A four-year record of UK?37- and TEX86-derived sea surface temperature estimates from sinking particles in the filamentous upwelling region off Cape Blanc, Mauritania. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015 , 97, 67-79	2.5	22
68	Core top TEX86 values in the south and equatorial Pacific. <i>Organic Geochemistry</i> , 2011 , 42, 94-99	3.1	22
67	Past climate and continentality inferred from ice wedges at Batagay megaslump in the Northern Hemisphere's most continental region, Yana Highlands, interior Yakutia. <i>Climate of the Past</i> , 2019 , 15, 1443-1461	3.9	21
66	Southern Hemisphere anticyclonic circulation drives oceanic and climatic conditions in late Holocene southernmost Africa. <i>Climate of the Past</i> , 2017 , 13, 649-665	3.9	21
65	Using distributions and stable isotopes of n-alkanes to disentangle organic matter contributions to sediments of Laguna Potrok Aike, Argentina. <i>Organic Geochemistry</i> , 2016 , 102, 110-119	3.1	18
64	Increased Amazon freshwater discharge during late Heinrich Stadial 1. <i>Quaternary Science Reviews</i> , 2018 , 181, 144-155	3.9	17

(2020-2016)

Glacial-to-Holocene evolution of sea surface temperature and surface circulation in the subarctic northwest Pacific and the Western Bering Sea. <i>Paleoceanography</i> , 2016 , 31, 916-927		16	
Compound-specific radiocarbon analysis [Analytical challenges and applications. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009 , 5, 012006	0.3	16	
The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. <i>Earth and Planetary Science Letters</i> , 2019 , 505, 30-41	5.3	16	
Lipid biomarkers in surface sediments from the Gulf of Genoa, Ligurian sea (NW Mediterranean sea) and their potential for the reconstruction of palaeo-environments. <i>Deep-Sea Research Part I:</i> Oceanographic Research Papers, 2014 , 89, 68-83	2.5	15	
Radiocarbon Dating of Alkenones from Marine Sediments: II. Assessment of Carbon Process Blanks. <i>Radiocarbon</i> , 2005 , 47, 413-424	4.6	15	
Implications for chloro- and pheopigment synthesis and preservation from combined compound-specific ¹³C, ¹⁵N, and ¹⁴C analysis. <i>Biogeosciences</i> , 2010 , 7, 4105-4118	4.6	15	
Burial and Origin of Permafrost-Derived Carbon in the Nearshore Zone of the Southern Canadian Beaufort Sea. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL085897	4.9	15	
Radiocarbon and 230Th data reveal rapid redistribution and temporal changes in sediment focussing at a North Atlantic drift. <i>Earth and Planetary Science Letters</i> , 2011 , 301, 373-381	5.3	14	
A biomarker perspective on dust, productivity, and sea surface temperature in the Pacific sector of the Southern Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2017 , 204, 120-139	5.5	13	
Summer temperature evolution on the Kamchatka Peninsula, Russian Far East, during the past 20 000 years. <i>Climate of the Past</i> , 2017 , 13, 359-377	3.9	13	
Long-chain diols in rivers: distribution and potential biological sources. <i>Biogeosciences</i> , 2018 , 15, 4147-4	166	13	
Characterisation of bacterial populations in Arctic permafrost soils using bacteriohopanepolyols. <i>Organic Geochemistry</i> , 2015 , 88, 1-16	3.1	12	
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Origin and processing of terrestrial organic carbon in the Amazon system: lignin phenols in river, shelf, and fan sediments. <i>Biogeosciences</i> , 2017 , 14, 2495-2512	4.6	11	
Permafrost-carbon mobilization in Beringia caused by deglacial meltwater runoff, sea-level rise and warming. <i>Environmental Research Letters</i> , 2019 , 14, 085003	6.2	10	
Seasonality of archaeal lipid flux and GDGT-based thermometry in sinking particles of high-latitude oceans: Fram Strait (79°LN) and Antarctic Polar Front (50°LS). <i>Biogeosciences</i> , 2019 , 16, 2247-2268	4.6	10	
Concentrations and abundance ratios of long-chain alkenones and glycerol dialkyl glycerol tetraethers in sinking particles south of Java. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016 , 112, 14-24	2.5	10	
	Compound-specific radiocarbon analysis [Analytical challenges and applications. IOP Conference Series: Earth and Environmental Science, 2009, 5, 012006 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. Earth and Planetary Science Letters, 2019, 505, 30-41 Lipid biomarkers in surface sediments from the Gulf of Genoa, Ligurian sea (NW Mediterranean sea) and their potential for the reconstruction of palaeo-environments. Deep-Sea Research Part I: Oceanographic Research Papers, 2014, 89, 68-83 Radiocarbon Dating of Alkenones from Marine Sediments: II. Assessment of Carbon Process Blanks. Radiocarbon, 2005, 47, 413-424 Implications for chloro- and pheopigment synthesis and preservation from combined compound-specific altisups>138lt;sup>C. Blisup>158lt;sup>158lt;sup>148lt;sup>C. analysis. Biogeosciences, 2010, 7, 4105-4118 Burial and Origin of Permafrost-Derived Carbon in the Nearshore Zone of the Southern Canadian Beaufort Sea. Geophysical Research Letters, 2020, 47, e2019CL085897 Radiocarbon and 230Th data reveal rapid redistribution and temporal changes in sediment focusing at a North Atlantic drift. Earth and Planetary Science Letters, 2011, 301, 373-381 A biomarker perspective on dust, productivity, and sea surface temperature in the Pacific sector of the Southern Ocean. Geochimica Et Cosmochimica Acta, 2017, 204, 120-139 Summer temperature evolution on the Kamchatka Peninsula, Russian Far East, during the past 20 0001years. Climate of the Past, 2017, 13, 359-377 Long-chain diols in rivers: distribution and potential biological sources. Biogeosciences, 2018, 15, 4147-42. Characterization of particulate organic matter in the Lena River delta and adjacent nearshore zone, NE Siberia Part I: Radiocarbon inventories. Biogeosciences, 2015, 12, 3769-3788 Origin and processing of terrestrial organic carbon in the Amazon system: lignin phenols in river, shelf, and fan sediments. Biogeosciences, 2017, 14, 2495-2512 Permafrost-carbon mobilization i	Compound-specific radiocarbon analysis (Analytical challenges and applications. IOP Conference Series: Earth and Environmental Science, 2009, 5, 012006 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. Earth and Planetary Science Letters, 2019, 505, 30-41 Lipid biomarkers in surface sediments from the Gulf of Genoa, Ligurian sea (NW Mediterranean sea) and their potential for the reconstruction of palaeo-environments. Deep-Sea Research Part I: Oceanographic Research Papers, 2014, 89, 68-83 Radiocarbon Dating of Alkenones from Marine Sediments: II. Assessment of Carbon Process Blanks. Radiocarbon pating of Alkenones from Marine Sediments: II. Assessment of Carbon Process Blanks. Radiocarbon, 2005, 47, 413-424 Implications for chloro- and pheopigment synthesis and preservation from combined compound-specific Bltsup> 138LIt/sup> C. 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IOP Conference Series: Earth and Environmental Science, 2009, 5, 012006 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the Reading rainforest crisis of Central Africa. 53 16 The roles of climate and human land-use in the Reading rainforest crisis of Central Africa. 53 16 The Radiocarbon patric Research Papers, 2014, 89, 68-83 20 The roles of Carbon Process Blanks. 74 15 The Radiocarbon and 280 The Alexander Strate Papers Process Blanks. 74 15 The Radiocarbon and 230 Th data reveal rapid redistribution and temporal changes in sediment focusing at a North Atlantic drift. Earth and Planetary Science Letters, 2011, 301, 373-381 53 The Radiocarbon and 230 Th data reveal rapid redistribution and temporal changes in sediment focusing at a North Atlantic drift. Earth and Planetary Science Letters, 2011, 301, 373-331 53 The Radiocarbon and 230 Th data reveal rapid redistribution and temporal changes in the P

45	Late Quaternary glacier and sea-ice history of northern Wijdefjorden, Svalbard. <i>Boreas</i> , 2020 , 49, 417-4.	37.4	9
44	Highly branched isoprenoids for Southern Ocean sea ice reconstructions: a pilot study from the Western Antarctic Peninsula. <i>Biogeosciences</i> , 2019 , 16, 2961-2981	4.6	9
43	Changes in the Dust-Influenced Biological Carbon Pump in the Canary Current System: Implications From a Coastal and an Offshore Sediment Trap Record Off Cape Blanc, Mauritania. <i>Global Biogeochemical Cycles</i> , 2019 , 33, 1100-1128	5.9	9
42	Dispersal and aging of terrigenous organic matter in the Pearl River Estuary and the northern South China Sea Shelf. <i>Geochimica Et Cosmochimica Acta</i> , 2020 , 282, 324-339	5.5	9
41	Standard operation procedures and performance of the MICADAS radiocarbon laboratory at Alfred Wegener Institute (AWI), Germany. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2021 , 496, 45-5	51 ^{1.2}	9
40	Bathypelagic particle flux signatures from a suboxic eddy in the oligotrophic tropical North Atlantic: production, sedimentation and preservation. <i>Biogeosciences</i> , 2016 , 13, 3203-3223	4.6	8
39	Glycerol dialkyl glycerol tetraethers (GDGTs) in high latitude Siberian permafrost: Diversity, environmental controls, and implications for proxy applications. <i>Organic Geochemistry</i> , 2019 , 136, 1038	8 8 .1	8
38	Factors influencing 14C concentrations of algal and archaeal lipids and their associated sea surface temperature proxies in the Black Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 188, 35-57	5.5	6
37	Comparison of the U₃₇^{K[?]}, LDI, TEX₈₆^H, and RI-OH temperature proxies in sediments from the northern shelf of the South China Sea. <i>Biogeosciences</i> , 2020 , 17, 4489-4508	4.6	6
36	The cryostratigraphy of the Yedoma cliff of Sobo-Sise Island (Lena delta) reveals permafrost dynamics in the central Laptev Sea coastal region during the last 52 kyr. <i>Cryosphere</i> , 2020 , 14, 4525-455	51 ^{5.5}	6
35	14C Blank Assessment in Small-Scale Compound-Specific Radiocarbon Analysis of Lipid Biomarkers and Lignin Phenols. <i>Radiocarbon</i> , 2020 , 62, 207-218	4.6	6
34	On the application of alkenone- and GDGT-based temperature proxies in the south-eastern Brazilian continental margin. <i>Organic Geochemistry</i> , 2018 , 126, 43-56	3.1	6
33	Multi-proxy reconstruction of sea surface and subsurface temperatures in the western South Atlantic over the last ~75 kyr. <i>Quaternary Science Reviews</i> , 2019 , 215, 22-34	3.9	5
32	Thermal response of the western tropical Atlantic to slowdown of the Atlantic Meridional Overturning Circulation. <i>Earth and Planetary Science Letters</i> , 2019 , 519, 120-129	5.3	5
31	TEX86 in sinking particles in three eastern Atlantic upwelling regimes. <i>Organic Geochemistry</i> , 2018 , 124, 151-163	3.1	5
30	Seasonal nitrogen fluxes of the Lena River Delta <i>Ambio</i> , 2022 , 51, 423-438	6.5	5
29	Indication of Holocene sea-level stability in the southern Laptev Sea recorded by beach ridges in north-east Siberia, Russia. <i>Polar Research</i> , 2019 , 38,	2	5
28	Sea ice dynamics in the Bransfield Strait, Antarctic Peninsula, during the past 240 years: a multi-proxy intercomparison study. <i>Climate of the Past</i> , 2020 , 16, 2459-2483	3.9	5

27	Northeast Siberian Permafrost Ice-Wedge Stable Isotopes Depict Pronounced Last Glacial Maximum Winter Cooling. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL092087	4.9	5	
26	The nature, timescale, and efficiency of riverine export of terrestrial organic carbon in the (sub)tropics: Insights at the molecular level from the Pearl River and adjacent coastal sea. <i>Earth and Planetary Science Letters</i> , 2021 , 565, 116934	5.3	5	
25	Branched GDGTs as Proxies in Surface Sediments From the South-Eastern Brazilian Continental Margin. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	5	
24	Compound-Specific Radiocarbon Measurements 2019 , 235-244		5	
23	Estimating Bioturbation From Replicated Small-Sample Radiocarbon Ages. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA004142	3.3	5	
22	Deglacial to Holocene variability in surface water characteristics and major floods in the Beaufort Sea. <i>Communications Earth & Environment</i> , 2020 , 1,	6.1	4	
21	Permafrost Organic Carbon Turnover and Export Into a High-Arctic Fjord: A Case Study From Svalbard Using Compound-specific 14C Analysis. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG006008	3.7	4	
20	Application of self-absorption correction method in gamma spectroscopy for 210Pb and 137Cs sediment chronology on the continental slope off NW Africa. <i>Radioprotection</i> , 2009 , 44, 457-461	1.1	3	
19	Rapid Atlantification along the Fram Strait at the beginning of the 20th century. <i>Science Advances</i> , 2021 , 7, eabj2946	14.3	3	
18	Degrading permafrost river catchments and their impact on Arctic Ocean nearshore processes. <i>Ambio</i> , 2021 , 51, 439	6.5	3	
17	Characterization of particulate organic matter in the Lena River Delta and adjacent nearshore zone, NE Siberia [Part 1: Lignin-derived phenol compositions		3	
16	Characterization of particulate organic matter in the Lena River Delta and adjacent nearshore zone, NE Siberia [Part 2: Radiocarbon inventories		3	
15	Bathypelagic particle flux signatures from a suboxic eddy in the oligotrophic tropical North Atlantic: production, sedimentation and preservation		3	
14	Implications for chloro- and pheopigment synthesis and preservation from combined compound-specific ¹³ C, ¹⁵ N, and ¹⁴ C analysis		3	
13	Multi-proxy reconstruction of terrigenous input and sea-surface temperatures in the eastern Gulf of Guinea over the last ~ 35 ka. <i>Marine Geology</i> , 2012 , 319-322, 35-46	3.3	2	
12	Middle and Late Pleistocene climate and continentality inferred from ice wedges at Batagay megaslump in the Northern Hemispherell most continental region, Yana Highlands, interior Yakutia		2	
11	Glacial to deglacial reservoir ages of surface waters in the southern South Pacific		2	
10	Microbial communities in the nepheloid layers and hypoxic zones of the Canary Current upwelling system. <i>MicrobiologyOpen</i> , 2019 , 8, e00705	3.4	2	

9	Cluster analysis for time series based on organic geochemical proxies. <i>Organic Geochemistry</i> , 2020 , 145, 104038	3.1	1	
8	Giant sponge grounds of Central Arctic seamounts are associated with extinct seep life <i>Nature Communications</i> , 2022 , 13, 638	17.4	1	
7	Selective preservation of organic matter in marine environments [processes and impact on the fossil record		1	
6	Thermal evolution of the western South Atlantic and the adjacent continent during Termination 1		1	
5	Controls on the age of plant waxes in marine sediments IA global synthesis. <i>Organic Geochemistry</i> , 2021 , 157, 104259	3.1	1	
4	MARINE ORGANIC CARBON AND RADIOCARBON PRESENT AND FUTURE CHALLENGES. Radiocarbon, 1-17	4.6	O	
3	Evaluation of lipid biomarkers as proxies for sea ice and ocean temperatures along the Antarctic continental margin. <i>Climate of the Past</i> , 2021 , 17, 2305-2326	3.9	O	
2	Performance of temperature and productivity proxies based on long-chain alkane-1, mid-chain diols at test: a 5-year sediment trap record from the Mauritanian upwelling. <i>Biogeosciences</i> , 2022 , 19, 1587-1	646	O	
1	Organic matter characteristics of a rapidly eroding permafrost cliff in NE Siberia (Lena Delta, Laptev Sea region). <i>Biogeosciences</i> , 2022 , 19, 2079-2094	4.6	О	