

# Ãdouard Bard

## List of Publications by Year in descending order

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177  
papers

44,837  
citations

5896

81  
h-index

4117

175  
g-index

180  
all docs

180  
docs citations

180  
times ranked

24599  
citing authors

#	ARTICLE	IF	CITATIONS
1	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0â€“50,000 Years cal BP. Radiocarbon, 2013, 55, 1869-1887.	1.8	9,487
2	INTCAL98 Radiocarbon Age Calibration, 24,000â€“0 cal BP. Radiocarbon, 1998, 40, 1041-1083.	1.8	4,095
3	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0â€“50,000 Years cal BP. Radiocarbon, 2009, 51, 1111-1150.	1.8	4,009
4	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â€“55 cal kBP). Radiocarbon, 2020, 62, 725-757.	1.8	3,502
5	Calibration of the 14C timescale over the past 30,000 years using mass spectrometric Uâ€“Th ages from Barbados corals. Nature, 1990, 345, 405-410.	27.8	1,282
6	Global warming preceded by increasing carbon dioxide concentrations during the last deglaciation. Nature, 2012, 484, 49-54.	27.8	1,141
7	Marine04 Marine Radiocarbon Age Calibration, 0â€“26 Cal Kyr Bp. Radiocarbon, 2004, 46, 1059-1086.	1.8	1,040
8	Deglacial sea-level record from Tahiti corals and the timing of global meltwater discharge. Nature, 1996, 382, 241-244.	27.8	997
9	Environmental processes of the ice age: land, oceans, glaciers (EPILOG). Quaternary Science Reviews, 2001, 20, 627-657.	3.0	875
10	Marine20â€“The Marine Radiocarbon Age Calibration Curve (0â€“55,000 cal BP). Radiocarbon, 2020, 62, 779-820.	1.8	827
11	U-Th ages obtained by mass spectrometry in corals from Barbados: sea level during the past 130,000 years. Nature, 1990, 346, 456-458.	27.8	729
12	Hydrological Impact of Heinrich Events in the Subtropical Northeast Atlantic. Science, 2000, 289, 1321-1324.	12.6	539
13	Ice-sheet collapse and sea-level rise at the BÃ¼lling warming 14,600â€“years ago. Nature, 2012, 483, 559-564.	27.8	475
14	Ash layers from Iceland in the Greenland GRIP ice core correlated with oceanic and land sediments. Earth and Planetary Science Letters, 1995, 135, 149-155.	4.4	472
15	Consequences of twenty-first-century policy for multi-millennial climate and sea-level change. Nature Climate Change, 2016, 6, 360-369.	18.8	442
16	<sup>230</sup> Th- <sup>234</sup> U and <sup>14</sup> C Ages Obtained by Mass Spectrometry on Corals. Radiocarbon, 1993, 35, 191-199.	1.8	438
17	Correction of accelerator mass spectrometry <sup>14</sup> C ages measured in planktonic foraminifera: Paleooceanographic implications. Paleooceanography, 1988, 3, 635-645.	3.0	423
18	Interhemispheric synchrony of the last deglaciation inferred from alkenone palaeothermometry. Nature, 1997, 385, 707-710.	27.8	391

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19	Radiocarbon Calibration by Means of Mass Spectrometric <sup>230</sup> Th/ <sup>234</sup> U and <sup>14</sup> C Ages of Corals: An Updated Database Including Samples from Barbados, Mururoa and Tahiti. Radiocarbon, 1998, 40, 1085-1092.	1.8	354
20	The North Atlantic atmosphere-sea surface 14C gradient during the Younger Dryas climatic event. Earth and Planetary Science Letters, 1994, 126, 275-287.	4.4	349
21	Climate forcing reconstructions for use in PMIP simulations of the last millennium (v1.0). Geoscientific Model Development, 2011, 4, 33-45.	3.6	349
22	Radiocarbon Reservoir Ages in the Mediterranean Sea and Black Sea. Radiocarbon, 2000, 42, 271-280.	1.8	323
23	Solar irradiance during the last 1200 years based on cosmogenic nuclides. Tellus, Series B: Chemical and Physical Meteorology, 2022, 52, 985.	1.6	313
24	Deglacial Meltwater Pulse 1B and Younger Dryas Sea Levels Revisited with Boreholes at Tahiti. Science, 2010, 327, 1235-1237.	12.6	294
25	Retreat velocity of the North Atlantic polar front during the last deglaciation determined by 14C accelerator mass spectrometry. Nature, 1987, 328, 791-794.	27.8	290
26	Solar modulation of cosmogenic nuclide production over the last millennium: comparison between 14C and 10Be records. Earth and Planetary Science Letters, 1997, 150, 453-462.	4.4	276
27	Solar irradiance during the last 1200 years based on cosmogenic nuclides. Tellus, Series B: Chemical and Physical Meteorology, 2000, 52, 985-992.	1.6	273
28	Reconstructing sea surface temperature and salinity using <sup>18</sup> O and alkenone records. Nature, 1993, 364, 319-321.	27.8	260
29	Geochemical and geophysical implications of the radiocarbon calibration. Geochimica Et Cosmochimica Acta, 1998, 62, 2025-2038.	3.9	249
30	Sea-level change along the French Mediterranean coast for the past 30 000 years. Earth and Planetary Science Letters, 2000, 175, 203-222.	4.4	240
31	Climate forcing reconstructions for use in PMIP simulations of the Last Millennium (v1.1). Geoscientific Model Development, 2012, 5, 185-191.	3.6	238
32	Expression of the bipolar see-saw in Antarctic climate records during the last deglaciation. Nature Geoscience, 2011, 4, 46-49.	12.9	212
33	High concentration of atmospheric 14C during the Younger Dryas cold episode. Nature, 1995, 377, 414-417.	27.8	210
34	Moisture transport across Central America as a positive feedback on abrupt climatic changes. Nature, 2007, 445, 908-911.	27.8	204
35	An Antarctic view of Beryllium-10 and solar activity for the past millennium. Climate Dynamics, 2011, 36, 2201-2218.	3.8	202
36	Migration of the subtropical front as a modulator of glacial climate. Nature, 2009, 460, 380-383.	27.8	196

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37	High frequency palaeoceanographic changes during the past 140,000 yr recorded by the organic matter in sediments of the Iberian Margin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 181, 431-452.	2.3	188
38	Initial Upper Palaeolithic Homo sapiens from Bacho Kiro Cave, Bulgaria. <i>Nature</i> , 2020, 581, 299-302.	27.8	188
39	Timing of meltwater pulse 1a and climate responses to meltwater injections. <i>Paleoceanography</i> , 2006, 21, .	3.0	181
40	Reconstruction of the last deglaciation: deconvolved records of $\delta^{18}O$ profiles, micropaleontological variations and accelerator mass spectrometric $^{14}C$ dating. <i>Climate Dynamics</i> , 1987, 1, 101-112.	3.8	170
41	Wet to dry climatic trend in north-western Iberia within Heinrich events. <i>Earth and Planetary Science Letters</i> , 2009, 284, 329-342.	4.4	167
42	The $^{14}C$ Age of the Icelandic Vedde Ash: Implications for Younger Dryas Marine Reservoir Age Corrections. <i>Radiocarbon</i> , 1995, 37, 53-62.	1.8	163
43	TROPICAL SEA-SURFACE TEMPERATURES DURING THE LAST GLACIAL PERIOD: A VIEW BASED ON ALKENONES IN INDIAN OCEAN SEDIMENTS. <i>Quaternary Science Reviews</i> , 1998, 17, 1185-1201.	3.0	163
44	Sea surface temperature and productivity records for the past 240 kyr in the Arabian Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 1461-1480. <a href="#">New TIMS constraints on the minimum <math>^{234}U</math> and minimum <math>^{234}U</math> in seawaters from the main ocean basins</a>	1.4	160
45	and the Mediterranean Sea 1 Throughout the paper we use the $\delta^{234}U$ notation which represents the deviation of the measured $^{234}U/^{238}U$ atomic ratio from the $^{234}U/^{238}U$ atomic ratio at secular equilibrium: $\delta^{234}U = 1000 \times [(^{234}U/^{238}U) / (^{234}U/^{238}U)_{eq} - 1]$ , where $(^{234}U/^{238}U)_{eq}$ is the ratio of the two decay constants: $\lambda^{238} = 1.5513 \times 10^{-10} \text{ year}^{-1}$ (Laffey et al., 1971) and $\lambda^{234} = 2.826 \times 10^{-6} \text{ year}^{-1}$ recently revised		

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55	A comparison of PMIP2 model simulations and the MARGO proxy reconstruction for tropical sea surface temperatures at last glacial maximum. <i>Climate Dynamics</i> , 2009, 32, 799-815.	3.8	126
56	Phasing and amplitude of sea-level and climate change during the penultimate interglacial. <i>Nature Geoscience</i> , 2009, 2, 355-359.	12.9	125
57	Variations of oxygen-minimum and primary productivity recorded in sediments of the Arabian Sea. <i>Earth and Planetary Science Letters</i> , 1999, 173, 205-221.	4.4	123
58	Oxygen isotope/salinity relationship in the northern Indian Ocean. <i>Journal of Geophysical Research</i> , 2001, 106, 4565-4574.	3.3	123
59	Geomagnetic field control of <sup>14</sup> C production over the last 80 Ky: Implications for the radiocarbon time scale. <i>Geophysical Research Letters</i> , 1991, 18, 1885-1888.	4.0	121
60	Continuous record of reef growth over the past 14 k.y. on the mid-Pacific island of Tahiti. <i>Geology</i> , 1997, 25, 555.	4.4	121
61	Early Reactivation of European Rivers During the Last Deglaciation. <i>Science</i> , 2006, 313, 1623-1625.	12.6	121
62	Pleistocene sea levels and tectonic uplift based on dating of corals from Sumba Island, Indonesia. <i>Geophysical Research Letters</i> , 1996, 23, 1473-1476.	4.0	117
63	Climate Shock: Abrupt Changes over Millennial Time Scales. <i>Physics Today</i> , 2002, 55, 32-38.	0.3	113
64	Penultimate Deglacial Sea-Level Timing from Uranium/Thorium Dating of Tahitian Corals. <i>Science</i> , 2009, 324, 1186-1189.	12.6	113
65	A 3000-yr coral reef record of sea level changes, Mururoa atoll (Tuamotu archipelago, French) Tj ETQq1 1 0.784314 rgBT /Overlo	2.3	112
66	1400 years of extreme precipitation patterns over the Mediterranean French Alps and possible forcing mechanisms. <i>Quaternary Research</i> , 2012, 78, 1-12.	1.7	109
67	215-ka History of sea-level oscillations from marine and continental layers in Argentarola Cave speleothems (Italy). <i>Global and Planetary Change</i> , 2004, 43, 57-78.	3.5	102
68	High-resolution lacustrine record of the late glacial/holocene transition in central Europe. <i>Quaternary Science Reviews</i> , 1993, 12, 287-294.	3.0	100
69	Coccolith chemistry reveals secular variations in the global ocean carbon cycle?. <i>Earth and Planetary Science Letters</i> , 2007, 253, 83-95.	4.4	98
70	Palaeoflood activity and climate change over the last 1400 years recorded by lake sediments in the north-west European Alps. <i>Journal of Quaternary Science</i> , 2013, 28, 189-199.	2.1	98
71	A revised calendar age for the last reconnection of the Black Sea to the global ocean. <i>Quaternary Science Reviews</i> , 2011, 30, 1019-1026.	3.0	95
72	The Last Deglaciation in the Southern Ocean. <i>Paleoceanography</i> , 1989, 4, 629-638.	3.0	93

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73	Temperature and Salinity Effects on Alkenone Ratios Measured in Surface Sediments from the Indian Ocean. <i>Quaternary Research</i> , 1997, 47, 344-355.	1.7	92
74	Paleoceanographic implications of the difference in deep-sea sediment mixing between large and fine particles. <i>Paleoceanography</i> , 2001, 16, 235-239.	3.0	91
75	Sea-Level Estimates during the Last Deglaciation Based on $\delta^{18}O$ and Accelerator Mass Spectrometry $^{14}C$ Ages Measured in <i>Globigerina bulloides</i> . <i>Quaternary Research</i> , 1989, 31, 381-391.	1.7	90
76	Uranium-234 anomalies in corals older than 150,000 years. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 2385-2390.	3.9	89
77	AMS $^{14}C$ Study of Transient Events and of the Ventilation Rate of the Pacific Intermediate Water During the Last Deglaciation. <i>Radiocarbon</i> , 1989, 31, 493-502.	1.8	87
78	Reef response to sea-level and environmental changes during the last deglaciation: Integrated Ocean Drilling Program Expedition 310, Tahiti Sea Level. <i>Geology</i> , 2012, 40, 643-646.	4.4	87
79	Sr/Ca, U/Ca and $\delta^{18}O$ records in recent massive corals from Bermuda: relationships with sea surface temperature. <i>Chemical Geology</i> , 2001, 176, 213-233.	3.3	86
80	Late Pleistocene–Holocene evolution of the northern shelf of the Sea of Marmara. <i>Marine Geology</i> , 2009, 265, 87-100.	2.1	86
81	How fast did the ocean–atmosphere system run during the last deglaciation?. <i>Earth and Planetary Science Letters</i> , 1991, 103, 27-40.	4.4	85
82	Comparison of alkenone estimates with other paleotemperature proxies. <i>Geochemistry, Geophysics, Geosystems</i> , 2001, 2, n/a-n/a.	2.5	85
83	A $^{14}C$ chronology for the Middle to Upper Palaeolithic transition at Bacho Kiro Cave, Bulgaria. <i>Nature Ecology and Evolution</i> , 2020, 4, 794-801.	7.8	85
84	U/Th and $^{14}C$ ages of corals from Barbados and their use for calibrating the $^{14}C$ time scale beyond 9000 years B.P.. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1990, 52, 461-468.	1.4	83
85	Black Sea “Lake” reservoir age evolution since the Last Glacial “Hydrologic and climatic implications. <i>Earth and Planetary Science Letters</i> , 2011, 308, 245-258.	4.4	82
86	An interlaboratory study of TEX <sub>86</sub> and BIT analysis of sediments, extracts, and standard mixtures. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5263-5285.	2.5	76
87	Combining charcoal and elemental black carbon analysis in sedimentary archives: Implications for past fire regimes, the pyrogenic carbon cycle, and the human–climate interactions. <i>Global and Planetary Change</i> , 2010, 72, 381-389.	3.5	75
88	The timing and evolution of the post-glacial transgression across the Sea of Marmara shelf south of İstanbul. <i>Marine Geology</i> , 2007, 243, 57-76.	2.1	72
89	Glacial hydrologic conditions in the Black Sea reconstructed using geochemical pore water profiles. <i>Earth and Planetary Science Letters</i> , 2010, 296, 57-66.	4.4	71
90	Alkenone distributions in the North Atlantic and Nordic sea surface waters. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1 of 13-13 of 13.	2.5	68

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91	Core-top calibration of the alkenone index vs sea surface temperature in the Indian Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 1445-1460.	1.4	67
92	More humid interglacials in Ecuador during the past 500 kyr linked to latitudinal shifts of the equatorial front and the Intertropical Convergence Zone in the eastern tropical Pacific. <i>Paleoceanography</i> , 2010, 25, .	3.0	67
93	Precision of the current methods to measure the alkenone proxy $U_{37K}$ and absolute alkenone abundance in sediments: Results of an interlaboratory comparison study. <i>Geochemistry, Geophysics, Geosystems</i> , 2001, 2, n/a-n/a.	2.5	66
94	Solar activity over nine millennia: A consistent multi-proxy reconstruction. <i>Astronomy and Astrophysics</i> , 2018, 615, A93.	5.1	66
95	Volcanic and solar activity, and atmospheric circulation influences on cosmogenic $^{10}Be$ fallout at Vostok and Concordia (Antarctica) over the last 60 years. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7132-7145.	3.9	65
96	ITCZ rather than ENSO signature for abrupt climate changes across the tropical Pacific?. <i>Quaternary Research</i> , 2009, 72, 123-131.	1.7	63
97	Abrupt drainage cycles of the Fennoscandian Ice Sheet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6682-6687.	7.1	63
98	AixMICADAS, the accelerator mass spectrometer dedicated to $^{14}C$ recently installed in Aix-en-Provence, France. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 361, 80-86.	1.4	63
99	Multiradionuclide evidence for an extreme solar proton event around 2,610 B.P. ( $\approx 1/4660$ BC). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5961-5966.	7.1	63
100	Permafrost thawing as a possible source of abrupt carbon release at the onset of the BÅlling/AllerÅd. <i>Nature Communications</i> , 2014, 5, 5520.	12.8	60
101	PALEOCLIMATE: A Better Radiocarbon Clock. <i>Science</i> , 2004, 303, 178-179.	12.6	59
102	Evidence of ventilation changes in the Arabian Sea during the late Quaternary: Implication for denitrification and nitrous oxide emission. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	4.9	58
103	Holocene land-use evolution and associated soil erosion in the French Prealps inferred from Lake Paladru sediments and archaeological evidences. <i>Journal of Archaeological Science</i> , 2013, 40, 1636-1645.	2.4	57
104	Present Status of Radiocarbon Calibration and Comparison Records Based on Polynesian Corals and Iberian Margin Sediments. <i>Radiocarbon</i> , 2004, 46, 1189-1202.	1.8	56
105	Millennial/centennial-scale thermocline ventilation changes in the Indian Ocean as reflected by aragonite preservation and geochemical variations in Arabian Sea sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6771-6788.	3.9	56
106	Northeastern Pacific oxygen minimum zone variability over the past 70 kyr: Impact of biological production and oceanic ventilation. <i>Paleoceanography</i> , 2011, 26, .	3.0	55
107	$^{14}C$ dating with the Gif-sur-Yvette Tandetron accelerator: Status report. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1987, 29, 120-123.	1.4	54
108	A biomass burning record from the West Equatorial Pacific over the last 360 ky: methodological, climatic and anthropic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 213, 83-99.	2.3	50

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109	Preliminary Report of the First Workshop of the Intcal04 Radiocarbon Calibration/Comparison Working Group. <i>Radiocarbon</i> , 2002, 44, 653-661.	1.8	48
110	A calendar chronology for Pleistocene mammoth and horse extinction in North America based on Bayesian radiocarbon calibration. <i>Quaternary Science Reviews</i> , 2007, 26, 2031-2035.	3.0	48
111	Microbialite development patterns in the last deglacial reefs from Tahiti (French Polynesia; IODP) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	48
112	Past changes in biologically mediated dissolution of calcite above the chemical lysocline recorded in Indian Ocean sediments. <i>Quaternary Science Reviews</i> , 2003, 22, 1757-1770.	3.0	47
113	Burial of redox-sensitive metals and organic matter in the equatorial Indian Ocean linked to precession. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 849-865.	3.9	46
114	On the common solar signal in different cosmogenic isotope data sets. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	45
115	Toward direct, micron-scale XRF elemental maps and quantitative profiles of wet marine sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	41
116	Radiocarbon Calibration/Comparison Records Based on Marine Sediments from the Pakistan and Iberian Margins. <i>Radiocarbon</i> , 2013, 55, 1999-2019.	1.8	40
117	Comment on "Are there connections between the Earth's magnetic field and climate?" by V. Courtillot, Y. Gallet, J.-L. Le Mouél, F. Fluteau, A. Genevey <i>EPSL</i> 253, 328, 2007. <i>Earth and Planetary Science Letters</i> , 2008, 265, 302-307.	4.4	36
118	Pretreatment and gaseous radiocarbon dating of 40-100% archaeological bone. <i>Scientific Reports</i> , 2019, 9, 5342.	3.3	36
119	Isotopic and elemental records in a non-tropical coral ( <i>Cladocora caespitosa</i> ): Discovery of a new high-resolution climate archive for the Mediterranean Sea. <i>Global and Planetary Change</i> , 2005, 49, 94-120.	3.5	35
120	Estimating contributions from biomass burning, fossil fuel combustion, and biogenic carbon to carbonaceous aerosols in the Valley of Chamonix: a dual approach based on radiocarbon and levoglucosan. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13753-13772.	4.9	35
121	Meltwater events and the Mediterranean reconnection at the Saalian-Emian transition in the Black Sea. <i>Earth and Planetary Science Letters</i> , 2014, 404, 124-135.	4.4	34
122	<sup>10</sup> Be Deposition at Vostok, Antarctica during the Last 50,000 Years and Its Relationship to Possible Cosmogenic Production Variations during this Period. , 1992, , 127-139.		34
123	Radiocarbon: A key tracer for studying Earth's dynamo, climate system, carbon cycle, and Sun. <i>Science</i> , 2021, 374, eabd7096.	12.6	33
124	Greenhouse effect and ice ages: historical perspective. <i>Comptes Rendus - Geoscience</i> , 2004, 336, 603-638.	1.2	32
125	Elastic Tie-Pointing-Transferring Chronologies between Records via a Gaussian Process. <i>Radiocarbon</i> , 2013, 55, 1975-1997.	1.8	32
126	Comment on "Solar activity during the last 1000yr inferred from radionuclide records" by Muscheler et al. (2007). <i>Quaternary Science Reviews</i> , 2007, 26, 2301-2304.	3.0	30



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127	Insights into continental temperatures in the northwestern Black Sea area during the Last Glacial period using branched tetraether lipids. <i>Quaternary Science Reviews</i> , 2014, 84, 98-108.	3.0	30
128	Penetration of bomb radiocarbon in the tropical Indian Ocean measured by means of accelerator mass spectrometry. <i>Earth and Planetary Science Letters</i> , 1988, 87, 379-389.	4.4	28
129	Bomb 14C in the Indian Ocean Measured by Accelerator Mass Spectrometry: Oceanographic Implications. <i>Radiocarbon</i> , 1989, 31, 510-522.	1.8	28
130	A precise search for drastic temperature shifts of the past 40,000 years in southeastern Europe. <i>Paleoceanography</i> , 2012, 27, .	3.0	27
131	Comparison of <sup>14</sup> C and U-Th Ages in Corals from IODP #310 Cores Offshore Tahiti. <i>Radiocarbon</i> , 2013, 55, 1947-1974.	1.8	26
132	Assessing influence of diagenetic carbonate dissolution on planktonic foraminiferal Mg/Ca in the southeastern Arabian Sea over the past 450 ka: Comparison between <i>Globigerinoides ruber</i> and <i>Globigerinoides sacculifer</i> . <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	24
133	Sea surface temperature reconstructions over the last 70 kyr off Portugal: Biomarker data and regional modeling. <i>Paleoceanography</i> , 2016, 31, 40-65.	3.0	22
134	Size Matters: Radiocarbon Dates of <math>\leq 200 \text{ \AA}\mu\text{g}</math> Ancient Collagen Samples with AixMICADAS and Its Gas Ion Source. <i>Radiocarbon</i> , 2017, 60, 425-439.	1.8	22
135	Wood <sup>14</sup> C Dating with AixMICADAS: Methods and Application to Tree-Ring Sequences from the Younger Dryas Event in the Southern French Alps. <i>Radiocarbon</i> , 2018, 60, 51-74.	1.8	22
136	Findings from an in-Depth Annual Tree-Ring Radiocarbon Intercomparison. <i>Radiocarbon</i> , 2020, 62, 873-882.	1.8	22
137	ISOTOPE GEOCHEMISTRY: Nuclide Production by Cosmic Rays During the Last Ice Age. <i>Science</i> , 1997, 277, 532-533.	12.6	21
138	Modelling the stratospheric budget of beryllium isotopes. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 28582.	1.6	20
139	Comment on ‘‘Younger Dryas sea level and meltwater pulse 1B recorded in Barbados reefal crest coral <i>Acropora palmata</i> ’’ by N. A. Abdul et al.. <i>Paleoceanography</i> , 2016, 31, 1603-1608.	3.0	20
140	Development of small CO2 gas measurements with AixMICADAS. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2018, 437, 93-97.	1.4	20
141	Extended dilation of the radiocarbon time scale between 40,000 and 48,000 y BP and the overlap between Neanderthals and <i>Homo sapiens</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21005-21007.	7.1	20
142	Shut down of the South American summer monsoon during the penultimate glacial. <i>Scientific Reports</i> , 2020, 10, 6275.	3.3	19
143	No evidence for planetary influence on solar activity 330 kyr ago. <i>Astronomy and Astrophysics</i> , 2014, 561, A132.	5.1	18
144	Early Diagenesis of Lacustrine Carbonates in Volcanic Settings: The Role of Magmatic CO <sub>2</sub> (Lake Dziani Dzaha, Mayotte, Indian Ocean). <i>ACS Earth and Space Chemistry</i> , 2020, 4, 363-378.	2.7	18

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145	Recent climatic and anthropogenic imprints on lacustrine systems in the Pyrenean Mountains inferred from minerogenic and organic clastic supply (Vicdessos valley, Pyrenees, France). Holocene, 2013, 23, 1764-1777.	1.7	17
146	Radiocarbon as a Dating Tool and Tracer in Paleoceanography. Reviews of Geophysics, 2022, 60, .	23.0	16
147	The importance of mass accuracy in selected ion monitoring analysis of branched and isoprenoid tetraethers. Organic Geochemistry, 2018, 118, 58-62.	1.8	15
148	Late Holocene hydrology of Lake Maharlou, southwest Iran, inferred from high-resolution sedimentological and geochemical analyses. Journal of Paleolimnology, 2019, 61, 111-128.	1.6	15
149	Western Mediterranean Sea Paleothermometry Over the Last Glacial Cycle Based on the Novel $\delta^{18}O$ Index. Paleoceanography and Paleoclimatology, 2019, 34, 616-634.	2.9	14
150	Radiocarbon dating small carbonate samples with the gas ion source of AixMICADAS. Nuclear Instruments & Methods in Physics Research B, 2019, 455, 276-283.	1.4	14
151	In situ cosmogenic $^{10}Be$ and $^{26}Al$ measurements from recently deglaciated bedrock as a new tool to decipher changes in Greenland Ice Sheet size. Climate of the Past, 2021, 17, 419-450.	3.4	14
152	Hydrological changes in eastern Europe during the last 40,000 yr inferred from biomarkers in Black Sea Sediments. Quaternary Research, 2013, 80, 502-509.	1.7	13
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