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List of Publications by Year in descending order

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papers

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citations

81900

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104
docs citations

104
times ranked

21010
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	Extended ¹⁴ C Data Base and Revised CALIB 3.0 ¹⁴ C Age Calibration Program. Radiocarbon, 1993, 35, 215-230.	1.8	7,226
3	INTCAL98 Radiocarbon Age Calibration, 24,000â€“0 cal BP. Radiocarbon, 1998, 40, 1041-1083.	1.8	4,095
4	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0â€“50,000 Years cal BP. Radiocarbon, 2009, 51, 1111-1150.	1.8	4,009
5	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â€“55 cal kBP). Radiocarbon, 2020, 62, 725-757.	1.8	3,502
6	SHCal13 Southern Hemisphere Calibration, 0â€“50,000 Years cal BP. Radiocarbon, 2013, 55, 1889-1903.	1.8	1,457
7	Marine04 Marine Radiocarbon Age Calibration, 0â€“26 Cal Kyr Bp. Radiocarbon, 2004, 46, 1059-1086.	1.8	1,040
8	High-Precision Radiocarbon Age Calibration for Terrestrial and Marine Samples. Radiocarbon, 1998, 40, 1127-1151.	1.8	1,000
9	Shcal04 Southern Hemisphere Calibration, 0â€“11.0 Cal Kyr BP. Radiocarbon, 2004, 46, 1087-1092.	1.8	870
10	Marine20â€“The Marine Radiocarbon Age Calibration Curve (0â€“55,000 cal BP). Radiocarbon, 2020, 62, 779-820.	1.8	827
11	SHCal20 Southern Hemisphere Calibration, 0â€“55,000 Years cal BP. Radiocarbon, 2020, 62, 759-778.	1.8	678
12	A Computer Program for Radiocarbon Age Calibration. Radiocarbon, 1986, 28, 1022-1030.	1.8	572
13	A Marine Reservoir Correction Database and On-Line Interface. Radiocarbon, 2001, 43, 461-463.	1.8	286
14	Marine Radiocarbon Reservoir Corrections for the Mediterranean and Aegean Seas. Radiocarbon, 2002, 44, 159-166.	1.8	204
15	NotCal04â€“Comparison/Calibration ¹⁴ C Records 26â€“50 Cal Kyr BP. Radiocarbon, 2004, 46, 1225-1238.	1.8	141
16	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. Radiocarbon, 2013, 55, 1923-1945.	1.8	134
17	Double the dates and go for Bayes â€” Impacts of model choice, dating density and quality on chronologies. Quaternary Science Reviews, 2018, 188, 58-66.	3.0	121
18	Understanding the variability in freshwater radiocarbon reservoir offsets: a cautionary tale. Journal of Archaeological Science, 2012, 39, 1306-1316.	2.4	118

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19	Carbon accumulation in peatlands of West Siberia over the last 2000 years. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	4.9	113
20	Evidence for progressive Holocene aridification in southern Africa recorded in Namibian hyrax middens: Implications for African Monsoon dynamics and the "African Humid Period". <i>Quaternary Research</i> , 2010, 74, 36-45.	1.7	105
21	Calibration of the Radiocarbon Time Scale for the Southern Hemisphere: Ad 1850-950. <i>Radiocarbon</i> , 2002, 44, 641-651.	1.8	97
22	Rock hyrax middens: A palaeoenvironmental archive for southern African drylands. <i>Quaternary Science Reviews</i> , 2012, 56, 107-125.	3.0	92
23	Reservoir Effect of the Southern and Southeastern Brazilian Coast. <i>Radiocarbon</i> , 2005, 47, 67-73.	1.8	86
24	Stable isotope dietary analysis of prehistoric populations from the Minusinsk Basin, Southern Siberia, Russia: a new chronological framework for the introduction of millet to the eastern Eurasian steppe. <i>Journal of Archaeological Science</i> , 2013, 40, 3936-3945.	2.4	86
25	High-Precision Radiocarbon Measurements of Contemporaneous Tree-Ring Dated Wood from the British Isles and New Zealand: Ad 1850-950. <i>Radiocarbon</i> , 2002, 44, 633-640.	1.8	85
26	Influence of tropical easterlies in southern Africa's winter rainfall zone during the Holocene. <i>Quaternary Science Reviews</i> , 2015, 107, 138-148.	3.0	79
27	An Online Application for $\delta^{13}C$ Calculation. <i>Radiocarbon</i> , 2017, 59, 1623-1627.	1.8	77
28	Late glacial interhemispheric climate dynamics revealed in South African hyrax middens. <i>Geology</i> , 2011, 39, 19-22.	4.4	76
29	Testing solar forcing of pervasive Holocene climate cycles. <i>Journal of Quaternary Science</i> , 2005, 20, 511-518.	2.1	72
30	Caspian sea-level changes during the last millennium: historical and geological evidence from the south Caspian Sea. <i>Climate of the Past</i> , 2013, 9, 1645-1665.	3.4	71
31	The IntCal20 Approach to Radiocarbon Calibration Curve Construction: A New Methodology Using Bayesian Splines and Errors-in-Variables. <i>Radiocarbon</i> , 2020, 62, 821-863.	1.8	68
32	Marine radiocarbon reservoir corrections for the midto late Holocene in the eastern subpolar North Atlantic. <i>Holocene</i> , 2002, 12, 129-135.	1.7	66
33	Holocene climate change in southernmost South Africa: rock hyrax middens record shifts in the southern westerlies. <i>Quaternary Science Reviews</i> , 2013, 82, 199-205.	3.0	66
34	New Radiocarbon Dates and a Review of the Chronology of Prehistoric Populations from the Minusinsk Basin, Southern Siberia, Russia. <i>Radiocarbon</i> , 2009, 51, 243-273.	1.8	58
35	Early Holocene M-6 explosive eruption from Plosky volcanic massif (Kamchatka) and its tephra as a link between terrestrial and marine paleoenvironmental records. <i>International Journal of Earth Sciences</i> , 2013, 102, 1673-1699.	1.8	55
36	Evolving southwest African response to abrupt deglacial North Atlantic climate change events. <i>Quaternary Science Reviews</i> , 2015, 121, 132-136.	3.0	52

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37	Chironomidâ€inferred lateâ€glacial summer air temperatures from Lough Nadourcan, Co. Donegal, Ireland. <i>Journal of Quaternary Science</i> , 2010, 25, 1200-1210.	2.1	49
38	Preliminary Report of the First Workshop of the Intcal04 Radiocarbon Calibration/Comparison Working Group. <i>Radiocarbon</i> , 2002, 44, 653-661.	1.8	48
39	Climatic controls on Later Stone Age human adaptation in Africa's southern Cape. <i>Journal of Human Evolution</i> , 2018, 114, 35-44.	2.6	47
40	Composition and consequences of the IntCal20 radiocarbon calibration curve. <i>Quaternary Research</i> , 2020, 96, 22-27.	1.7	41
41	Late Pleistocene climate change and landscape dynamics in the Eastern Alps: the inner-alpine Unterangerberg record (Austria). <i>Quaternary Science Reviews</i> , 2013, 68, 17-42.	3.0	39
42	Interhemispheric gradient of atmospheric radiocarbon reveals natural variability of Southern Ocean winds. <i>Climate of the Past</i> , 2011, 7, 1123-1138.	3.4	37
43	Correlating Alpine glaciation with Adriatic seaâ€level changes through lake and alluvial stratigraphy. <i>Journal of Quaternary Science</i> , 2011, 26, 791-804.	2.1	35
44	Radiocarbon: A key tracer for studying Earthâ€™s dynamo, climate system, carbon cycle, and Sun. <i>Science</i> , 2021, 374, eabd7096.	12.6	33
45	A Comparison of Methods Used for the Calibration of Radiocarbon Dates. <i>Radiocarbon</i> , 1989, 31, 846-863.	1.8	32
46	King David's City at Khirbet Qeiyafa: Results of the Second Radiocarbon Dating Project. <i>Radiocarbon</i> , 2015, 57, 881-890.	1.8	31
47	Comment on â€Radiocarbon calibration curve spanning 0 to 50,000 years BP based on paired 230Th/234U/238U and 14C dates on pristine coralsâ€ by R.G. Fairbanks et al. (<i>Quaternary Science Reviews</i>) Tj ETQq1 1 0.784314 rgB radiocarbon calibration beyond 26,000 years before present using fossil coralsâ€ by T.-C. Chiu et al. (<i>Quaternary Science Reviews</i> 24 (2005) 1797â€“1808)â††â††doi of original article: 10.1016/j.quascirev.2005.04.002. <i>Quaternary Science Reviews</i> , 2006, 25, 855-862.	3.0	30
48	Histograms Obtained From Computerized Radiocarbon Age Calibration. <i>Radiocarbon</i> , 1989, 31, 817-823.	1.8	29
49	A new radiocarbon chronology of Baumkirchen, stratotype for the onset of the Upper WÃ¼rmian in the Alps. <i>Journal of Quaternary Science</i> , 2013, 28, 552-558.	2.1	29
50	Settlement Duration and Materiality: Formal Chronological Models for the Development of Barnhouse, a Grooved Ware Settlement in Orkney. <i>Proceedings of the Prehistoric Society, London</i> , 2016, 82, 193-225.	0.7	26
51	Long-term mass balance of perennial firn and ice in an Alpine cave (Austria): Constraints from radiocarbon-dated wood fragments. <i>Holocene</i> , 2014, 24, 165-175.	1.7	25
52	Marine resource abundance drove pre-agricultural population increase in Stone Age Scandinavia. <i>Nature Communications</i> , 2020, 11, 2006.	12.8	25
53	A Tentative Determination of Upwelling Influence on the Paleo-Surficial Marine Water Reservoir Effect in Southeastern Brazil. <i>Radiocarbon</i> , 2007, 49, 1255-1259.	1.8	24
54	A late Pleistoceneâ€Holocene multiâ€proxy record of palaeoenvironmental change from Still Bay, southern Cape Coast, South Africa. <i>Journal of Quaternary Science</i> , 2015, 30, 870-885.	2.1	23

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55	Freshwater Reservoir Effect on Redating of Eurasian Steppe Cultures: First Results for Eneolithic and Early Bronze Age Northeast Kazakhstan. <i>Radiocarbon</i> , 2015, 57, 625-644.	1.8	23
56	A revised age of ad 667â€“699 for the latest major eruption at Rabaul. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	22
57	Lake Kumphawapi revisited â€“ The complex climatic and environmental record of a tropical wetland in NE Thailand. <i>Holocene</i> , 2016, 26, 614-626.	1.7	22
58	Investigating the Interhemispheric ¹⁴ C Offset in the 1st Millennium AD and Assessment of Laboratory Bias and Calibration Errors. <i>Radiocarbon</i> , 2009, 51, 1177-1186.	1.8	20
59	Young, Old, and Weathered Carbonâ€“Part 2: Using Radiocarbon and Stable Isotopes to Identify Terrestrial Carbon Support of the Food Web in an Alkaline, Humic Lake. <i>Radiocarbon</i> , 2015, 57, 425-438.	1.8	20
60	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
61	Further isotopic evidence for seaweed-eating sheep from Neolithic Orkney. <i>Journal of Archaeological Science: Reports</i> , 2017, 11, 463-470.	0.5	19
62	Character, Rates, and Environmental Significance of Holocene Dust Accumulation in Archaeological Hilltop Ruins in the Southern Levant. <i>Geosciences (Switzerland)</i> , 2019, 9, 190.	2.2	18
63	Testing and Improving the IntCal20 Calibration Curve with Independent Records. <i>Radiocarbon</i> , 2020, 62, 1079-1094.	1.8	18
64	Young, Old, and Weathered Carbon-Part 1: Using Radiocarbon and Stable Isotopes to Identify Carbon Sources in an Alkaline, Humic Lake. <i>Radiocarbon</i> , 2015, 57, 407-423.	1.8	17
65	Marine Reservoir Corrections: St. Helena, South Atlantic Ocean. <i>Radiocarbon</i> , 2008, 50, 275-280.	1.8	17
66	Debates over Palaeolithic chronology â€“ the reliability of ¹⁴ C is confirmed. <i>Journal of Archaeological Science</i> , 2012, 39, 2464-2467.	2.4	16
67	Modern Freshwater Reservoir Offsets in the Eurasian Steppe: Implications for Archaeology. <i>Radiocarbon</i> , 2017, 59, 1597-1607.	1.8	16
68	Multi-proxy indicators in a Pontocaspian system: a depth transect of surface sediment in the SE Caspian Sea. <i>Geologica Belgica</i> , 2018, 21, 143-165.	1.1	15
69	Marine or estuarine radiocarbon reservoir corrections for mollusks? A case study from a medieval site in the south of England. <i>Journal of Archaeological Science</i> , 2014, 49, 142-146.	2.4	14
70	High-resolution record of Holocene climate change dynamics from southern Africa's temperate-tropical boundary, Baviaanskloof, South Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 539, 109518.	2.3	14
71	Investigating Intra-Individual Dietary Changes and ¹⁴ C Ages Using High-Resolution ¹³ C and ¹⁵ N Isotope Ratios and ¹⁴ C Ages Obtained from Dentine Increments. <i>Radiocarbon</i> , 2015, 57, 665-677.	1.8	13
72	Extended Radiocarbon Calibration in the Anglo-Saxon Period, AD 395â€“485 and AD 735â€“805. <i>Radiocarbon</i> , 2008, 50, 11-17.	1.8	12

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73	Pilgrimstad revisited - a multi-proxy reconstruction of Early/Middle Weichselian climate and environment at a key site in central Sweden. <i>Boreas</i> , 2011, 40, 211-230.	2.4	12
74	A Late Pleistocene record of climate and environmental change from the northern and southern Kelabit Highlands of Sarawak, Malaysian Borneo. <i>Journal of Quaternary Science</i> , 2014, 29, 105-122.	2.1	11
75	Nesseltalgraben, a new reference section of the last glacial period in southern Germany. <i>Journal of Paleolimnology</i> , 2017, 58, 213-229.	1.6	11
76	A lack of freshwater reservoir effects in human radiocarbon dates in the Eneolithic to Iron Age in the Minusinsk Basin. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1379-1388.	1.8	11
77	EVOLUTION OF RADIOCARBON CALIBRATION. <i>Radiocarbon</i> , 2022, 64, 523-539.	1.8	11
78	The Viejo Period of Chihuahua Culture in Northwestern Mexico. <i>Latin American Antiquity</i> , 2005, 16, 169-192.	0.6	10
79	Adding Hydrogen to the Isotopic Inventoryâ€”Combining $\delta^{13}\text{C}$, $\delta^{15}\text{N}$ and $\delta^2\text{H}$ Stable Isotope Analysis for Palaeodietary Purposes on Archaeological Bone. <i>Archaeometry</i> , 2019, 61, 720-749.	1.3	10
80	Presence of cave bears in western Austria before the onset of the Last Glacial Maximum: new radiocarbon dates and palaeoclimatic considerations. <i>Journal of Quaternary Science</i> , 2014, 29, 760-766.	2.1	9
81	Stable isotope palaeodietary analysis of the Early Bronze Age Afanasyevo Culture in the Altai Mountains, Southern Siberia. <i>Journal of Archaeological Science: Reports</i> , 2017, 14, 65-75.	0.5	9
82	Refining the Radiocarbon Time Scale. <i>Science</i> , 2012, 338, 337-338.	12.6	8
83	Ramped pyrooxidation: A new approach for radiocarbon dating of lime mortars. <i>Journal of Archaeological Science</i> , 2021, 129, 105366.	2.4	8
84	Calibration Introduction. <i>Radiocarbon</i> , 2009, 51, 283-285.	1.8	7
85	The fast-acting â€œpulseâ€• of Heinrich Stadial 3 in a mid-latitude boreal ecosystem. <i>Scientific Reports</i> , 2020, 10, 18031.	3.3	7
86	FRESHWATER RESERVOIR EFFECTS IN ARCHAEOLOGICAL CONTEXTS OF SIBERIA AND THE EURASIAN STEPPE. <i>Radiocarbon</i> , 2022, 64, 377-388.	1.8	6
87	Tree rings floating on ice cores. <i>Nature Geoscience</i> , 2008, 1, 218-219.	12.9	5
88	MILLET CONSUMPTION IN SIBERIA PRIOR TO MID-SECOND MILLENNIUM BC? A REVIEW OF RECENT DEVELOPMENTS. <i>Radiocarbon</i> , 2021, 63, 1547-1554.	1.8	5
89	Multi-centennial mass balance of perennial ice deposits in Alpine caves mirrors the evolution of glaciers during the Late Holocene. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
90	Mammoths inside the Alps during the last glacial period: Radiocarbon constraints from Austria and palaeoenvironmental implications. <i>Quaternary Science Reviews</i> , 2018, 190, 11-19.	3.0	4

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91	A NEW RAMPED PYROXIDATION/COMBUSTION FACILITY AT ¹⁴ CHRONO, BELFAST: SETUP DESCRIPTION AND INITIAL RESULTS. Radiocarbon, 2021, 63, 1273-1286.	1.8	4
92	RADIOCARBON CONSTRAINTS ON PERIODS OF POSITIVE CAVE ICE MASS BALANCE DURING THE LAST MILLENNIUM, JULIAN ALPS (NW SLOVENIA). Radiocarbon, 0, , 1-24.	1.8	2
93	Reply to letter to the editor from Easterbrook and Kovanen re Quaternary Research 61, 193â€“203.. Quaternary Research, 2005, 63, 226-227.	1.7	1
94	Radiocarbon in the Environment â€“ An Introduction. Radiocarbon, 2015, 57, iii-iv.	1.8	1
95	Chronologies and the ^Quaternary record â€“ Introduction. Boreas, 2013, 42, 257-258.	2.4	0
96	Ramped pyroxidation radiocarbon dating of a preservative contaminated early medieval wooden bowl. Journal of Cultural Heritage, 2021, 50, 150-162.	3.3	0
97	UNIVERSITY OF WASHINGTON QUATERNARY ISOTOPE LABORATORY RETROSPECTIVE. Radiocarbon, 0, , 1-7.	1.8	0
98	Reply to â€œMarine abundance and its prehistoric past in the Balticâ€• Nature Communications, 2022, 13, .	12.8	0