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List of Publications by Year in descending order

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98
papers

38,266
citations

81900

39
h-index

36028

97
g-index

104
all docs

104
docs citations

104
times ranked

21010
citing authors

#	ARTICLE	IF	CITATIONS
1	EVOLUTION OF RADIOCARBON CALIBRATION. Radiocarbon, 2022, 64, 523-539.	1.8	11
2	FRESHWATER RESERVOIR EFFECTS IN ARCHAEOLOGICAL CONTEXTS OF SIBERIA AND THE EURASIAN STEPPE. Radiocarbon, 2022, 64, 377-388.	1.8	6
3	Reply to "Marine abundance and its prehistoric past in the Baltic". Nature Communications, 2022, 13, .	12.8	0
4	Multi-centennial mass balance of perennial ice deposits in Alpine caves mirrors the evolution of glaciers during the Late Holocene. Scientific Reports, 2022, 12, .	3.3	5
5	Ramped pyrooxidation: A new approach for radiocarbon dating of lime mortars. Journal of Archaeological Science, 2021, 129, 105366.	2.4	8
6	A NEW RAMPED PYROXIDATION/COMBUSTION FACILITY AT ¹⁴ CHRONO, BELFAST: SETUP DESCRIPTION AND INITIAL RESULTS. Radiocarbon, 2021, 63, 1273-1286.	1.8	4
7	Ramped pyrooxidation radiocarbon dating of a preservative contaminated early medieval wooden bowl. Journal of Cultural Heritage, 2021, 50, 150-162.	3.3	0
8	MILLET CONSUMPTION IN SIBERIA PRIOR TO MID-SECOND MILLENNIUM BC? A REVIEW OF RECENT DEVELOPMENTS. Radiocarbon, 2021, 63, 1547-1554.	1.8	5
9	Radiocarbon: A key tracer for studying Earth's dynamo, climate system, carbon cycle, and Sun. Science, 2021, 374, eabd7096.	12.6	33
10	High-resolution record of Holocene climate change dynamics from southern Africa's temperate-tropical boundary, Baviaanskloof, South Africa. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 539, 109518.	2.3	14
11	Testing and Improving the IntCal20 Calibration Curve with Independent Records. Radiocarbon, 2020, 62, 1079-1094.	1.8	18
12	SHCal20 Southern Hemisphere Calibration, 0-55,000 Years cal BP. Radiocarbon, 2020, 62, 759-778.	1.8	678
13	The fast-acting "pulse" of Heinrich Stadial 3 in a mid-latitude boreal ecosystem. Scientific Reports, 2020, 10, 18031.	3.3	7
14	Marine20: The Marine Radiocarbon Age Calibration Curve (0-55,000 cal BP). Radiocarbon, 2020, 62, 779-820.	1.8	827
15	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> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21005-21007.	7.1	20
16	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0-55 cal kBP). Radiocarbon, 2020, 62, 725-757.	1.8	3,502
17	The IntCal20 Approach to Radiocarbon Calibration Curve Construction: A New Methodology Using Bayesian Splines and Errors-in-Variables. Radiocarbon, 2020, 62, 821-863.	1.8	68
18	Composition and consequences of the IntCal20 radiocarbon calibration curve. Quaternary Research, 2020, 96, 22-27.	1.7	41

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19	Marine resource abundance drove pre-agricultural population increase in Stone Age Scandinavia. <i>Nature Communications</i> , 2020, 11, 2006.	12.8	25
20	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
21	Adding Hydrogen to the Isotopic Inventory—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
22	Double the dates and go for Bayes — Impacts of model choice, dating density and quality on chronologies. <i>Quaternary Science Reviews</i> , 2018, 188, 58-66.	3.0	121
23	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
24	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
25	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
26	Further isotopic evidence for seaweed-eating sheep from Neolithic Orkney. <i>Journal of Archaeological Science: Reports</i> , 2017, 11, 463-470.	0.5	19
27	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
28	Modern Freshwater Reservoir Offsets in the Eurasian Steppe: Implications for Archaeology. <i>Radiocarbon</i> , 2017, 59, 1597-1607.	1.8	16
29	An Online Application for $\delta^{13}\text{C}$ Calculation. <i>Radiocarbon</i> , 2017, 59, 1623-1627.	1.8	77
30	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
31	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
32	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
33	Lake Kumphawapi revisited — The complex climatic and environmental record of a tropical wetland in NE Thailand. <i>Holocene</i> , 2016, 26, 614-626.	1.7	22
34	A revised age of ad 667±699 for the latest major eruption at Rabaul. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	22
35	King David's City at Khirbet Qeiyafa: Results of the Second Radiocarbon Dating Project. <i>Radiocarbon</i> , 2015, 57, 881-890.	1.8	31
36	Investigating Intra-Individual Dietary Changes and $\delta^{14}\text{C}$ Ages Using High-Resolution $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Isotope Ratios and $\delta^{14}\text{C}$ Ages Obtained from Dentine Increments. <i>Radiocarbon</i> , 2015, 57, 665-677.	1.8	13

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37	A late Pleistocene–Holocene multi-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
38	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
39	Radiocarbon in the Environment – An Introduction. <i>Radiocarbon</i> , 2015, 57, iii-iv.	1.8	1
40	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
41	Young, Old, and Weathered Carbon–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
42	Evolving southwest African response to abrupt deglacial North Atlantic climate change events. <i>Quaternary Science Reviews</i> , 2015, 121, 132-136.	3.0	52
43	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
44	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
45	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
46	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
47	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
48	Early Holocene M-6 explosive eruption from Plosky volcanic massif (Kamchatka) and its tephra as a link between terrestrial and marine palaeoenvironmental records. <i>International Journal of Earth Sciences</i> , 2013, 102, 1673-1699.	1.8	55
49	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
50	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
51	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
52	Chronologies and the Quaternary record – Introduction. <i>Boreas</i> , 2013, 42, 257-258.	2.4	0
53	A new radiocarbon chronology of Baumkirchen, stratotype for the onset of the Upper Würmian in the Alps. <i>Journal of Quaternary Science</i> , 2013, 28, 552-558.	2.1	29
54	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. <i>Radiocarbon</i> , 2013, 55, 1923-1945.	1.8	134

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55	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0â€“50,000 Years cal BP. Radiocarbon, 2013, 55, 1869-1887.	1.8	9,487
56	SHCal13 Southern Hemisphere Calibration, 0â€“50,000 Years cal BP. Radiocarbon, 2013, 55, 1889-1903.	1.8	1,457
57	Caspian sea-level changes during the last millennium: historical and geological evidence from the south Caspian Sea. Climate of the Past, 2013, 9, 1645-1665.	3.4	71
58	Rock hyrax middens: A palaeoenvironmental archive for southern African drylands. Quaternary Science Reviews, 2012, 56, 107-125.	3.0	92
59	Understanding the variability in freshwater radiocarbon reservoir offsets: a cautionary tale. Journal of Archaeological Science, 2012, 39, 1306-1316.	2.4	118
60	Debates over Palaeolithic chronology â€“ the reliability of 14C is confirmed. Journal of Archaeological Science, 2012, 39, 2464-2467.	2.4	16
61	Refining the Radiocarbon Time Scale. Science, 2012, 338, 337-338.	12.6	8
62	Late glacial interhemispheric climate dynamics revealed in South African hyrax middens. Geology, 2011, 39, 19-22.	4.4	76
63	Pilgrimstad revisited - a multi-proxy reconstruction of Early/Middle Weichselian climate and environment at a key site in central Sweden. Boreas, 2011, 40, 211-230.	2.4	12
64	Correlating Alpine glaciation with Adriatic seaâ€“level changes through lake and alluvial stratigraphy. Journal of Quaternary Science, 2011, 26, 791-804.	2.1	35
65	Interhemispheric gradient of atmospheric radiocarbon reveals natural variability of Southern Ocean winds. Climate of the Past, 2011, 7, 1123-1138.	3.4	37
66	Evidence for progressive Holocene aridification in southern Africa recorded in Namibian hyrax middens: Implications for African Monsoon dynamics and the â€“African Humid Periodâ€™. Quaternary Research, 2010, 74, 36-45.	1.7	105
67	Chironomidâ€“inferred lateâ€“glacial summer air temperatures from Lough Nadourcan, Co. Donegal, Ireland. Journal of Quaternary Science, 2010, 25, 1200-1210.	2.1	49
68	Investigating the Interhemispheric ¹⁴ C Offset in the 1st Millennium AD and Assessment of Laboratory Bias and Calibration Errors. Radiocarbon, 2009, 51, 1177-1186.	1.8	20
69	Calibration Introduction. Radiocarbon, 2009, 51, 283-285.	1.8	7
70	New Radiocarbon Dates and a Review of the Chronology of Prehistoric Populations from the Minusinsk Basin, Southern Siberia, Russia. Radiocarbon, 2009, 51, 243-273.	1.8	58
71	Carbon accumulation in peatlands of West Siberia over the last 2000 years. Global Biogeochemical Cycles, 2009, 23, .	4.9	113
72	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0â€“50,000 Years cal BP. Radiocarbon, 2009, 51, 1111-1150.	1.8	4,009

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91	High-Precision Radiocarbon Age Calibration for Terrestrial and Marine Samples. Radiocarbon, 1998, 40, 1127-1151.	1.8	1,000
92	INTCAL98 Radiocarbon Age Calibration, 24,000â€”0 cal BP. Radiocarbon, 1998, 40, 1041-1083.	1.8	4,095
93	Extended ¹⁴ C Data Base and Revised CALIB 3.0 ¹⁴ C Age Calibration Program. Radiocarbon, 1993, 35, 215-230.	1.8	7,226
94	Histograms Obtained From Computerized Radiocarbon Age Calibration. Radiocarbon, 1989, 31, 817-823.	1.8	29
95	A Comparison of Methods Used for the Calibration of Radiocarbon Dates. Radiocarbon, 1989, 31, 846-863.	1.8	32
96	A Computer Program for Radiocarbon Age Calibration. Radiocarbon, 1986, 28, 1022-1030.	1.8	572
97	UNIVERSITY OF WASHINGTON QUATERNARY ISOTOPE LABORATORY RETROSPECTIVE. Radiocarbon, 0, , 1-7.	1.8	0
98	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