

Timothy J Heaton

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

21,097
citations

279798

23
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

18435
citing authors

#	ARTICLE	IF	CITATIONS
1	“It made me feel brighter in myself” The health and well-being impacts of a residential front garden horticultural intervention. <i>Landscape and Urban Planning</i> , 2021, 205, 103958.	7.5	53
2	A global environmental crisis 42,000 years ago. <i>Science</i> , 2021, 371, 811-818.	12.6	61
3	Why garden? “Attitudes and the perceived health benefits of home gardening. <i>Cities</i> , 2021, 112, 103118.	5.6	68
4	On the tuning of plateaus in atmospheric and oceanic $\delta^{14}C$ records to derive calendar chronologies of deep-sea cores and records of $\delta^{14}C$ marine reservoir age changes. <i>Climate of the Past</i> , 2021, 17, 1701-1725.	3.4	3
5	Radiocarbon: A key tracer for studying Earth’s dynamo, climate system, carbon cycle, and Sun. <i>Science</i> , 2021, 374, eabd7096.	12.6	33
6	Response to Comment on “A global environmental crisis 42,000 years ago”. <i>Science</i> , 2021, 374, eabi9756.	12.6	2
7	Response to Comment on “A global environmental crisis 42,000 years ago”. <i>Science</i> , 2021, 374, eabh3655.	12.6	0
8	Testing and Improving the IntCal20 Calibration Curve with Independent Records. <i>Radiocarbon</i> , 2020, 62, 1079-1094.	1.8	18
9	SHCal20 Southern Hemisphere Calibration, 0–55,000 Years cal BP. <i>Radiocarbon</i> , 2020, 62, 759-778.	1.8	678
10	Marine20—The Marine Radiocarbon Age Calibration Curve (0–55,000 cal BP). <i>Radiocarbon</i> , 2020, 62, 779-820.	1.8	827
11	IntCal20 Tree Rings: An Archaeological Swot Analysis. <i>Radiocarbon</i> , 2020, 62, 1045-1078.	1.8	23
12	What is the prevalence of loneliness amongst older people living in residential and nursing care homes? A systematic review and meta-analysis. <i>Age and Ageing</i> , 2020, 49, 748-757.	1.6	82
13	Updated Cariaco Basin $\delta^{14}C$ Calibration Dataset from 0–60 cal kyr BP. <i>Radiocarbon</i> , 2020, 62, 1001-1043.	1.8	26
14	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
15	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0–55 cal kyr BP). <i>Radiocarbon</i> , 2020, 62, 725-757.	1.8	3,502
16	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
17	A Short Note on Marine Reservoir Age Simulations Used in IntCal20. <i>Radiocarbon</i> , 2020, 62, 865-871.	1.8	35
18	Reanalysis of the Atmospheric Radiocarbon Calibration Record from Lake Suigetsu, Japan. <i>Radiocarbon</i> , 2020, 62, 989-999.	1.8	36

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19	Recent Developments in Calibration for Archaeological and Environmental Samples. <i>Radiocarbon</i> , 2020, 62, 1095-1117.	1.8	47
20	Machine learning as a diagnostic decision aid for patients with transient loss of consciousness. <i>Neurology: Clinical Practice</i> , 2020, 10, 96-105.	1.6	25
21	Mitigating the effect of language in the assessment of science: A study of English language learners in primary classrooms in the United Kingdom. <i>Science Education</i> , 2019, 103, 1396-1422.	3.0	13
22	The Influence of Calibration Curve Construction and Composition on the Accuracy and Precision of Radiocarbon Wiggle-Matching of Tree Rings, Illustrated by Southern Hemisphere Atmospheric Data Sets from AD 1500–1950. <i>Radiocarbon</i> , 2019, 61, 1265-1291.	1.8	12
23	Deep-water circulation changes lead North Atlantic climate during deglaciation. <i>Nature Communications</i> , 2019, 10, 1272.	12.8	47
24	Annual radiocarbon record indicates 16th century BCE date for the Thera eruption. <i>Science Advances</i> , 2018, 4, eaar8241.	10.3	85
25	Target-distractor synchrony affects performance in a novel motor task for studying action selection. <i>PLoS ONE</i> , 2017, 12, e0176945.	2.5	1
26	Reduced visual exploration when viewing photographic scenes in individuals with autism spectrum disorder.. <i>Journal of Abnormal Psychology</i> , 2016, 125, 399-411.	1.9	25
27	Attitudes towards the sharing of genetic information with at-risk relatives: results of a quantitative survey. <i>Human Genetics</i> , 2016, 135, 109-120.	3.8	23
28	The Bayesian Approach to Radiocarbon Calibration Curve Estimation: The IntCal13, Marine13, and SHCal13 Methodologies. <i>Radiocarbon</i> , 2013, 55, 1905-1922.	1.8	43
29	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
30	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0–50,000 Years cal BP. <i>Radiocarbon</i> , 2013, 55, 1869-1887.	1.8	9,487
31	SHCal13 Southern Hemisphere Calibration, 0–50,000 Years cal BP. <i>Radiocarbon</i> , 2013, 55, 1889-1903.	1.8	1,457
32	Elastic Tie-Pointing—Transferring Chronologies between Records via a Gaussian Process. <i>Radiocarbon</i> , 2013, 55, 1975-1997.	1.8	32
33	Radiocarbon Calibration/Comparison Records Based on Marine Sediments from the Pakistan and Iberian Margins. <i>Radiocarbon</i> , 2013, 55, 1999-2019.	1.8	40
34	A Bayesian Approach to the Estimation of Radiocarbon Calibration Curves: The IntCal09 Methodology. <i>Radiocarbon</i> , 2009, 51, 1151-1164.	1.8	71
35	Locally Adaptive Tree-Based Thresholding. <i>Journal of Computational and Graphical Statistics</i> , 2009, 18, 961-977.	1.7	10
36	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0–50,000 Years cal BP. <i>Radiocarbon</i> , 2009, 51, 1111-1150.	1.8	4,009

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37	WIGGLE MATCHING WITH CORRELATIONS. Radiocarbon, 0, , 1-8.	1.8	1