Richard A Staff

List of Publications by Year
in descending order

69 papers	12,422 citations	156536 32 h-index	107981 68 g-index
72 all docs	72 docs citations	72 times ranked	16361 citing authors

#	Article	IF	Citations
1	Improved age estimates for Holocene Ko-g and Ma-f~j tephras in northern Japan using Bayesian statistical modelling. Quaternary Geochronology, 2022, 67, 101229.	0.6	4
2	Intermittent non-axial dipolar-field dominance of twin Laschamp excursions. Communications Earth & Environment, 2022, 3, .	2.6	2
3	Controls on luminescence signals in lake sediment cores: A study from Lake Suigetsu, Japan. Quaternary Geochronology, 2022, 71, 101319.	0.6	0
4	Synchronous vegetation response to the last glacial-interglacial transition in northwest Europe. Communications Earth & Environment, 2022, 3, .	2.6	6
5	Radiocarbon calibration: The next generation. Science China Earth Sciences, 2021, 64, 507-510.	2.3	1
6	The Late Quaternary sediment successions of Llangorse Lake, south Wales. Proceedings of the Geologists Association, 2021, 132, 284-296.	0.6	1
7	The spatio-temporal structure of the Lateglacial to early Holocene transition reconstructed from the pollen record of Lake Suigetsu and its precise correlation with other key global archives: Implications for palaeoclimatology and archaeology. Global and Planetary Change, 2021, 202, 103493.	1.6	21
8	The nature and timing of landscape change at Cerro BenÃtez, Ãšltima Esperanza, southern Patagonia (52Â°S): New insights into the history of megafaunal extinctions and human occupation. Quaternary International, 2021, 601, 116-129.	0.7	7
9	Refining the eruptive history of Ulleungdo and Changbaishan volcanoes (East Asia) over the last 86 kyrs using distal sedimentary records. Journal of Volcanology and Geothermal Research, 2020, 389, 106669.	0.8	20
10	Traces of volcanic ash from the Mediterranean, Iceland and North America in a Holocene record from south Wales, UK. Journal of Quaternary Science, 2020, 35, 163-174.	1.1	9
11	Hydroclimatic changes in the British Isles through the Last-Glacial-Interglacial Transition: Multiproxy reconstructions from the Vale of Pickering, NE England. Quaternary Science Reviews, 2020, 249, 106630.	1.4	5
12	Constraints on the Timing of Explosive Volcanism at Aso and Aira Calderas (Japan) Between 50 and 30Âka: New Insights From the Lake Suigetsu Sedimentary Record (SG14 Core). Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008874.	1.0	8
13	Reanalysis of the Atmospheric Radiocarbon Calibration Record from Lake Suigetsu, Japan. Radiocarbon, 2020, 62, 989-999.	0.8	36
14	On the timing of retreat of the Loch Lomond (â€˜Younger Dryasâ€™) Readvance icefield in the SW Scottish Highlands and its wider significance. Quaternary Science Reviews, 2019, 219, 171-186.	1.4	35
15	Three thousand years of wild capuchin stone tool use. Nature Ecology and Evolution, 2019, 3, 1034-1038.	3.4	47
16	Reconciling the Greenland ice-core and radiocarbon timescales through the Laschamp geomagnetic excursion. Earth and Planetary Science Letters, 2019, 520, 1-9.	1.8	7
17	The Importance of Open Access to Chronological Information: The IntChron Initiative. Radiocarbon, 2019, 61, 1121-1131.	0.8	5
18	Testing the Effectiveness of Protocols for Removal of Common Conservation Treatments for Radiocarbon Dating. Radiocarbon, 2018, 60, 35-50.	0.8	42

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19	Ultra-distal fine ash occurrences of the Icelandic Askja-S Plinian eruption deposits in Southern Carpathian lakes: New age constraints on a continental scale tephrostratigraphic marker. Quaternary Science Reviews, 2018, 188, 174-182.	1.4	20
20	Integrating the Holocene tephrostratigraphy for East Asia using a high-resolution cryptotephra study from Lake Suigetsu (SG14 core), central Japan. Quaternary Science Reviews, 2018, 183, 36-58.	1.4	56
21	A New Approach to the Chronology of Caves 268/272/275 in the Dunhuang Mogao Grottoes: Combining Radiocarbon Dates and Archaeological Information within a Bayesian Statistical Framework. Radiocarbon, 2018, 60, 667-679.	0.8	2
22	The resilience of postglacial hunter-gatherers to abrupt climate change. Nature Ecology and Evolution, 2018, 2, 810-818.	3.4	37
23	The marine isotope stage 1â€“5 cryptotephra record of Tenaghi Philippon, Greece: Towards a detailed tephrostratigraphic framework for the Eastern Mediterranean region. Quaternary Science Reviews, 2018, 186, 236-262.	1.4	60
24	An extended and revised Lake Suigetsu varve chronology from â¼50 to â¼10 ka BP based on detailed sediment micro-facies analyses. Quaternary Science Reviews, 2018, 200, 351-366.	1.4	23
25	Constraints on the frequency and dispersal of explosive eruptions at Sambe and Daisen volcanoes (South-West Japan Arc) from the distal Lake Suigetsu record (SG06 core). Earth-Science Reviews, 2018, 185, 1004-1028.	4.0	41
26	Successfully Dating Rock Art in Southern Africa Using Improved Sampling Methods and New Characterization and Pretreatment Protocols. Radiocarbon, 2017, 59, 659-677.	0.8	49
27	Evidence for a bi-partition of the Younger Dryas Stadial in East Asia associated with inversed climate characteristics compared to Europe. Scientific Reports, 2017, 7, 44983.	1.6	23
28	The earliest directly dated rock paintings from southern Africa: new AMS radiocarbon dates. Antiquity, 2017, 91, 322-333.	0.5	58
29	High-precision 40Ar/39Ar dating of pleistocene tuffs and temporal anchoring of the Matuyama-Brunhes boundary. Quaternary Geochronology, 2017, 39, 1-23.	0.6	90
30	â€˜Radical interpretationsâ€™ preclude the use of climatic wiggle matching for resolution of event timings at the highest levels of attainable precision. Quaternary Geochronology, 2017, 42, 60-62.	0.6	0
31	Rapid global ocean-atmosphere response to Southern Ocean freshening during the last glacial. Nature Communications, 2017, 8, 520.	5.8	15
32	Journey to the east: Diverse routes and variable flowering times for wheat and barley en route to prehistoric China. PLoS ONE, 2017, 12, e0187405.	1.1	70
33	Decadally Resolved Lateglacial Radiocarbon Evidence from New Zealand Kauriâ€“CORRIGENDUM. Radiocarbon, 2016, 58, 947-947.	0.8	0
34	Fire history on the California Channel Islands spanning human arrival in the Americas. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150167.	1.8	19
35	Punctuated Shutdown of Atlantic Meridional Overturning Circulation during Greenland Stadial 1. Scientific Reports, 2016, 6, 25902.	1.6	23
36	Decadally Resolved Lateglacial Radiocarbon Evidence from New Zealand Kauri. Radiocarbon, 2016, 58, 709-733.	0.8	29

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37	High-precision dating and correlation of ice, marine and terrestrial sequences spanning Heinrich Event 3: Testing mechanisms of interhemispheric change using New Zealand ancient kauri (Agathis) Tj ETQq1 1 0.784314 rgBT /Overlo		
38	A Reassessment of the Routine Pretreatment Protocol for Radiocarbon Dating Cremated Bones. Radiocarbon, 2016, 58, 1-8.	0.8	18
39	The virtues of small grain size: Potential pathways to a distinguishing feature of Asian wheats. Quaternary International, 2016, 426, 107-119.	0.7	79
40	Identification of the Changbaishan â€˜Millenniumâ€™ (B-Tm) eruption deposit in the Lake Suigetsu (SG06) sedimentary archive, Japan: Synchronisation of hemispheric-wide palaeoclimate archives. Quaternary Science Reviews, 2016, 150, 301-307.	1.4	47
41	Postglacial viability and colonization in North Americaâ€™s ice-free corridor. Nature, 2016, 537, 45-49.	13.7	363
42	Pre-Columbian monkey tools. Current Biology, 2016, 26, R521-R522.	1.8	54
43	Changes in El NiÃ±o â€“ Southern Oscillation (ENSO) conditions during the Greenland Stadial 1 (GS-1) chronozone revealed by New Zealand tree-rings. Quaternary Science Reviews, 2016, 153, 139-155.	1.4	6
44	Radiocarbon Dates from the <scp>O</scp> xford <scp>AMS S</scp> ystem: <scp>A</scp> rchaeometry Datelist 35. Archaeometry, 2015, 57, 177-216.	0.6	4
45	Developing a robust tephrochronological framework for Late Quaternary marine records in the Southern Adriatic Sea: new data from core station SA03-11. Quaternary Science Reviews, 2015, 118, 84-104.	1.4	35
46	A high-precision age estimate of the Holocene Plinian eruption of Mount Mazama, Oregon, USA. Holocene, 2015, 25, 1054-1067.	0.9	68
47	Wood Pretreatment Protocols and Measurement of Tree-Ring Standards at the Oxford Radiocarbon Accelerator Unit (ORAU). Radiocarbon, 2014, 56, 709-715.	0.8	18
48	The importance of independent chronology in integrating records of past climate change for the 60â€“8Âka INTIMATE time interval. Quaternary Science Reviews, 2014, 106, 47-66.	1.4	64
49	Event layers in the Japanese Lake Suigetsu â€˜SG06â€™ sediment core: description, interpretation and climatic implications. Quaternary Science Reviews, 2014, 83, 157-170.	1.4	40
50	Integrating timescales with time-transfer functions: a practical approach for an INTIMATE database. Quaternary Science Reviews, 2014, 106, 67-80.	1.4	20
51	Wood Pretreatment Protocols and Measurement of Tree-Ring Standards at the Oxford Radiocarbon Accelerator Unit (ORAU). Radiocarbon, 2014, 56, 709-715.	0.8	17
52	Bayesian age-depth modelling of Late Quaternary deposits from Wet and Blanche Caves, Naracoorte, South Australia: A framework for comparative faunal analyses. Quaternary Geochronology, 2013, 17, 26-43.	0.6	12
53	Identification and correlation of visible tephras in the Lake Suigetsu SG06 sedimentary archive, Japan: chronostratigraphic markers for synchronising of east Asian/west Pacific palaeoclimatic records across the last 150Âka. Quaternary Science Reviews, 2013, 67, 121-137.	1.4	199
54	The early chronology of broomcorn millet (Panicum miliaceum) in Europe. Antiquity, 2013, 87, 1073-1085.	0.5	163

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55	The multiple chronological techniques applied to the <scp>L</scp>ake <scp>S</scp>uigetsu <scp>SG</scp>06 sediment core, central <scp>J</scp>apan. Boreas, 2013, 42, 259-266.	1.2	35
56	The New Zealand Kauri (Agathis Australis) Research Project: A Radiocarbon Dating Intercomparison of Younger Dryas Wood and Implications for IntCal13. Radiocarbon, 2013, 55, 2035-2048.	0.8	38
57	Integration of the Old and New Lake Suigetsu (Japan) Terrestrial Radiocarbon Calibration Data Sets. Radiocarbon, 2013, 55, 2049-2058.	0.8	21
58	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0â€“50,000 Years cal BP. Radiocarbon, 2013, 55, 1869-1887.	0.8	9,487
59	An Assessment of the Magnitude of the AD1586 Tensho Tsunami Inferred from Lake Suigetsu Sediment Cores. Journal of Geography (Chigaku Zasshi), 2013, 122, 493-501.	0.1	6
60	A Complete Terrestrial Radiocarbon Record for 11.2 to 52.8 kyr B.P.. Science, 2012, 338, 370-374.	6.0	228
61	A novel approach to varve counting using Î¼XRF and X-radiography in combination with thin-section microscopy, applied to the Late Glacial chronology from Lake Suigetsu, Japan. Quaternary Geochronology, 2012, 13, 70-80.	0.6	52
62	An automated method for varve interpolation and its application to the Late Glacial chronology from Lake Suigetsu, Japan. Quaternary Geochronology, 2012, 13, 52-69.	0.6	44
63	SG06, a fully continuous and varved sediment core from Lake Suigetsu, Japan: stratigraphy and potential for improving the radiocarbon calibration model and understanding of late Quaternary climate changes. Quaternary Science Reviews, 2012, 36, 164-176.	1.4	107
64	Onset and termination of the late-glacial climate reversal in the high-resolution diatom and sedimentary records from the annually laminated SG06 core from Lake Suigetsu, Japan. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 306, 103-115.	1.0	27
65	Toward establishing precise 40Ar/39Ar chronologies for Late Pleistocene palaeoclimate archives: an example from the Lake Suigetsu (Japan) sedimentary record. Quaternary Science Reviews, 2011, 30, 2845-2850.	1.4	42
66	New ¹⁴C Determinations from Lake Suigetsu, Japan: 12,000 to 0 Cal BP. Radiocarbon, 2011, 53, 511-528.	0.8	52
67	Developments in the Calibration and Modeling of Radiocarbon Dates. Radiocarbon, 2010, 52, 953-961.	0.8	122
68	A re-analysis of the Lake Suigetsu terrestrial radiocarbon calibration dataset. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 960-965.	0.6	30
69	Tracking aquatic change using chlorinâ€specific carbon and nitrogen isotopes: The last glacialâ€interglacial transition at Lake Suigetsu, Japan. Geochemistry, Geophysics, Geosystems, 2010, 11, .	1.0	23