

# Patrick Roberts

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

3,042  
citations

186265  
28  
h-index

206112  
48  
g-index

123  
all docs

123  
docs citations

123  
times ranked

3672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian estimates of marine radiocarbon reservoir effect in northern Iberia during the Early and Middle Holocene. <i>Quaternary Geochronology</i> , 2022, 67, 101232.	1.4	3
2	Cold comfort: Arctic seabirds find refugia from climate change and potential competition in marginal ice zones and fjords. <i>Ambio</i> , 2022, 51, 345-354.	5.5	5
3	Stable isotope analysis and differences in diet and social status in northern Medieval Christian Spain (9th–13th centuries CE). <i>Journal of Archaeological Science: Reports</i> , 2022, 41, 103325.	0.5	4
4	TOOTHFIR: Presenting a dataset and a preliminary meta-analysis of Fourier Transform Infra-red Spectroscopy indices from archaeological and palaeontological tooth enamel. <i>Quaternary International</i> , 2022, , .	1.5	2
5	Reconstructing Hominin Diets with Stable Isotope Analysis of Amino Acids: New Perspectives and Future Directions. <i>BioScience</i> , 2022, 72, 618-637.	4.9	5
6	Fossils, fish and tropical forests: prehistoric human adaptations on the island frontiers of Oceania. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200495.	4.0	8
7	Ice Age megafauna rock art in the Colombian Amazon?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200496.	4.0	5
8	Land Use Change in a Pericolonial Society: Intensification and Diversification in Ifugao, Philippines Between 1570 and 1800 CE. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	2
9	Tropical forests in the deep human past. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200500.	4.0	10
10	Speleological and environmental history of Lida Ajer cave, western Sumatra. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200494.	4.0	12
11	A stable isotope perspective on archaeological agricultural variability and Neolithic experimentation in India. <i>Journal of Archaeological Science</i> , 2022, 141, 105591.	2.4	2
12	Human forager response to abrupt climate change at 8.2 ka on the Atlantic coast of Europe. <i>Scientific Reports</i> , 2022, 12, 6481.	3.3	12
13	The spread of herds and horses into the Altai: How livestock and dairying drove social complexity in Mongolia. <i>PLoS ONE</i> , 2022, 17, e0265775.	2.5	9
14	Chemical Modification of Biomarkers through Accelerated Degradation: Implications for Ancient Plant Identification in Archaeo-Organic Residues. <i>Molecules</i> , 2022, 27, 3331.	3.8	3
15	Archaeological and historical insights into the ecological impacts of pre-colonial and colonial introductions into the Philippine Archipelago. <i>Holocene</i> , 2021, 31, 313-330.	1.7	15
16	Pandanus nutshell generates a palaeoprecipitation record for human occupation at Madjedbebe, northern Australia. <i>Nature Ecology and Evolution</i> , 2021, 5, 295-303.	7.8	9
17	Earliest Olduvai hominins exploited unstable environments ~ 2 million years ago. <i>Nature Communications</i> , 2021, 12, 3.	12.8	30
18	The Circulation of Ancient Animal Resources Across the Yellow River Basin: A Preliminary Bayesian Re-evaluation of Sr Isotope Data From the Early Neolithic to the Western Zhou Dynasty. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	7

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19	The rise of the cosmetic industry in ancient China: Insights from a 2700-year-old face cream. <i>Archaeometry</i> , 2021, 63, 1042-1058.	1.3	12
20	Re-evaluating Scythian lifeways: Isotopic analysis of diet and mobility in Iron Age Ukraine. <i>PLoS ONE</i> , 2021, 16, e0245996.	2.5	13
21	Exaptation Traits for Megafaunal Mutualisms as a Factor in Plant Domestication. <i>Frontiers in Plant Science</i> , 2021, 12, 649394.	3.6	9
22	Reimagining the relationship between Gondwanan forests and Aboriginal land management in Australia's "Wet Tropics". <i>IScience</i> , 2021, 24, 102190.	4.1	22
23	Using Mg/Ca Ratios from the Limpet <i>Patella depressa</i> Pennant, 1777 Measured by Laser-Induced Breakdown Spectroscopy (LIBS) to Reconstruct Paleoclimate. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2959.	2.5	5
24	The Middle to Later Stone Age transition at Panga ya Saidi, in the tropical coastal forest of eastern Africa. <i>Journal of Human Evolution</i> , 2021, 153, 102954.	2.6	18
25	An isotopic and genetic study of multi-cultural colonial New Zealand. <i>Journal of Archaeological Science</i> , 2021, 128, 105337.	2.4	9
26	"Emptying Forests": Conservation Implications of Past Human-Primate Interactions. <i>Trends in Ecology and Evolution</i> , 2021, 36, 345-359.	8.7	11
27	Earliest known human burial in Africa. <i>Nature</i> , 2021, 593, 95-100.	27.8	44
28	No evidence for widespread island extinctions after Pleistocene hominin arrival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
29	Multidisciplinary perspectives on the origins of past foodways and farming practice in South Asia. <i>Archaeology of Food and Foodways</i> , 2021, , .	0.2	1
30	Multi-isotope analysis of dietary variation among the early Christian communities of northern Sudan. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 103016.	0.5	1
31	Human mobility at Tell Atchana (Alalakh), Hatay, Turkey during the 2nd millennium BC: Integration of isotopic and genomic evidence. <i>PLoS ONE</i> , 2021, 16, e0241883.	2.5	7
32	An Imagined Past?. <i>Current Anthropology</i> , 2021, 62, 251-286.	1.6	27
33	Non-uniform tropical forest responses to the "Columbian Exchange" in the Neotropics and Asia-Pacific. <i>Nature Ecology and Evolution</i> , 2021, 5, 1174-1184.	7.8	11
34	Stable Isotopic Evidence for Nutrient Rejuvenation and Long-Term Resilience on Tikopia Island (Southeast Solomon Islands). <i>Sustainability</i> , 2021, 13, 8567.	3.2	5
35	Advances in increment coring system for large tropical trees with high wood densities. <i>Dendrochronologia</i> , 2021, 68, 125860.	2.2	0
36	"Moving South": Late Pleistocene Plant Exploitation and the Importance of Palm in the Colombian Amazon. <i>Quaternary</i> , 2021, 4, 26.	2.0	4

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37	Plant wax biomarkers in human evolutionary studies. <i>Evolutionary Anthropology</i> , 2021, 30, 385-398.	3.4	11
38	Anthropogenic impacts on Late Holocene land-cover change and floristic biodiversity loss in tropical southeastern Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	58
39	Tropical forests as key sites of the "Anthropocene": Past and present perspectives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
40	Pleistocene-Holocene human palaeoecology in southern Mexico: Stable isotopic evidence from the Santa Marta Cave, Chiapas. <i>Journal of Archaeological Science: Reports</i> , 2021, 39, 103131.	0.5	0
41	Ancient proteins provide evidence of dairy consumption in eastern Africa. <i>Nature Communications</i> , 2021, 12, 632.	12.8	39
42	Constraining the chronology and ecology of Late Acheulean and Middle Palaeolithic occupations at the margins of the monsoon. <i>Scientific Reports</i> , 2021, 11, 19665.	3.3	4
43	Triangulation supports agricultural spread of the Transeurasian languages. <i>Nature</i> , 2021, 599, 616-621.	27.8	58
44	Microhabitat Variability in Human Evolution. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	9
45	Mid-Late Holocene Sub-Millennial Scale Inverse Trends of South Asian Summer and Winter Monsoons in Sri Lanka. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	3
46	Late Pleistocene to Holocene human palaeoecology in the tropical environments of coastal eastern Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109438.	2.3	37
47	Initial assessment of bioavailable strontium at Oldupai Gorge, Tanzania: Potential for early mobility studies. <i>Journal of Archaeological Science</i> , 2020, 114, 105066.	2.4	11
48	Stable isotopic reconstruction of dietary changes across Late Antiquity and the Middle Ages in Tuscany. <i>Journal of Archaeological Science: Reports</i> , 2020, 33, 102546.	0.5	2
49	Environmental drivers of megafauna and hominin extinction in Southeast Asia. <i>Nature</i> , 2020, 586, 402-406.	27.8	58
50	Spatial variation in bioavailable strontium isotope ratios ( $^{87}\text{Sr}/^{86}\text{Sr}$ ) in Kenya and northern Tanzania: Implications for ecology, paleoanthropology, and archaeology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 109957.	2.3	10
51	Leaf Wax Lipid Extraction for Archaeological Applications. <i>Current Protocols in Plant Biology</i> , 2020, 5, e20114.	2.8	4
52	Isotopic and microbotanical insights into Iron Age agricultural reliance in the Central African rainforest. <i>Communications Biology</i> , 2020, 3, 619.	4.4	17
53	Human footprints provide snapshot of last interglacial ecology in the Arabian interior. <i>Science Advances</i> , 2020, 6, .	10.3	34
54	Field-based sciences must transform in response to COVID-19. <i>Nature Ecology and Evolution</i> , 2020, 4, 1571-1574.	7.8	22

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55	A multi-isotope, multi-tissue study of colonial origins and diet in New Zealand. <i>American Journal of Physical Anthropology</i> , 2020, 172, 605-620.	2.1	9
56	Cannibalism makes invasive comb jelly, <i>Mnemiopsis leidyi</i> , resilient to unfavourable conditions. <i>Communications Biology</i> , 2020, 3, 212.	4.4	12
57	Origin and Health Status of First-Generation Africans from Early Colonial Mexico. <i>Current Biology</i> , 2020, 30, 2078-2091.e11.	3.9	34
58	Ancient genomes reveal complex patterns of population movement, interaction, and replacement in sub-Saharan Africa. <i>Science Advances</i> , 2020, 6, eaaz0183.	10.3	56
59	Bows and arrows and complex symbolic displays 48,000 years ago in the South Asian tropics. <i>Science Advances</i> , 2020, 6, eaba3831.	10.3	47
60	Ecosystem Engineering Among Ancient Pastoralists in Northern Central Asia. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	16
61	The northern dispersal of early modern humans in eastern Eurasia. <i>Science Bulletin</i> , 2020, 65, 1699-1701.	9.0	10
62	An isotopic test of the seasonal migration hypothesis for large grazing ungulates inhabiting the Palaeo-Agulhas Plain. <i>Quaternary Science Reviews</i> , 2020, 235, 106221.	3.0	10
63	Economic Diversification Supported the Growth of Mongolia's Nomadic Empires. <i>Scientific Reports</i> , 2020, 10, 3916.	3.3	29
64	Tropical Trees as Time Capsules of Anthropogenic Activity. <i>Trends in Plant Science</i> , 2020, 25, 369-380.	8.8	18
65	Isotopic evidence for initial coastal colonization and subsequent diversification in the human occupation of Wallacea. <i>Nature Communications</i> , 2020, 11, 2068.	12.8	45
66	Reconstruction of the Late Holocene climate and environmental history from North Bolgoda Lake, Sri Lanka, using lipid biomarkers and pollen records. <i>Journal of Quaternary Science</i> , 2020, 35, 514-525.	2.1	8
67	Paleolithic to Bronze Age Siberians Reveal Connections with First Americans and across Eurasia. <i>Cell</i> , 2020, 181, 1232-1245.e20.	28.9	71
68	Shell sclerochronology and stable oxygen isotope ratios from the limpet <i>Patella depressa</i> Pennant, 1777: Implications for palaeoclimate reconstruction and archaeology in northern Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 110023.	2.3	4
69	Late Pleistocene to early-Holocene rainforest foraging in Sri Lanka: Multidisciplinary analysis at Kitulgala Beli-lena. <i>Quaternary Science Reviews</i> , 2020, 231, 106200.	3.0	22
70	Ancient DNA from the skeletons of Roopkund Lake reveals Mediterranean migrants in India. <i>Nature Communications</i> , 2019, 10, 3670.	12.8	19
71	Stable oxygen isotope analysis of <i>Phorcus lineatus</i> (da Costa, 1778) as a proxy for foraging seasonality during the Mesolithic in northern Iberia. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 5631-5644.	1.8	12
72	The first directly dated evidence for Palaeolithic occupation on the Indian coast at Sandhav, Kachchh. <i>Quaternary Science Reviews</i> , 2019, 224, 105975.	3.0	13

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73	Archaeological assessment reveals Earth's early transformation through land use. <i>Science</i> , 2019, 365, 897-902.	12.6	369
74	Microliths in the South Asian rainforest ~45-4 ka: New insights from Fa-Hien Lena Cave, Sri Lanka. <i>PLoS ONE</i> , 2019, 14, e0222606.	2.5	40
75	Micro Methods for Megafauna: Novel Approaches to Late Quaternary Extinctions and Their Contributions to Faunal Conservation in the Anthropocene. <i>BioScience</i> , 2019, 69, 877-887.	4.9	11
76	Plastic pioneers: Hominin biogeography east of the Movius Line during the Pleistocene. <i>Archaeological Research in Asia</i> , 2019, 17, 181-192.	0.7	29
77	Heading north: Late Pleistocene environments and human dispersals in central and eastern Asia. <i>PLoS ONE</i> , 2019, 14, e0216433.	2.5	27
78	Extensive elemental mapping unlocks Mg/Ca ratios as climate proxy in seasonal records of Mediterranean limpets. <i>Scientific Reports</i> , 2019, 9, 3698.	3.3	18
79	Growth rings of Brazil nut trees ( <i>Bertholletia excelsa</i> ) as a living record of historical human disturbance in Central Amazonia. <i>PLoS ONE</i> , 2019, 14, e0214128.	2.5	23
80	Specialized rainforest hunting by <i>Homo sapiens</i> ~45,000 years ago. <i>Nature Communications</i> , 2019, 10, 739.	12.8	69
81	Tropical Forests in Prehistory, History, and Modernity. , 2019, , .		23
82	Introducing Tropical Forests in Prehistory, History, and Modernity. , 2019, , .		10
83	Biomarker and Pollen Approach to Reconstruct Late Holocene Climate and Environmental History in Western Sri Lanka. , 2019, , .		1
84	Language continuity despite population replacement in Remote Oceania. <i>Nature Ecology and Evolution</i> , 2018, 2, 731-740.	7.8	91
85	Historical Tropical Forest Reliance amongst the Wanniyalaeto (Vedda) of Sri Lanka: an Isotopic Perspective. <i>Human Ecology</i> , 2018, 46, 435-444.	1.4	9
86	A transect of environmental variability across South Asia and its influence on Late Pleistocene human innovation and occupation. <i>Journal of Quaternary Science</i> , 2018, 33, 285-299.	2.1	9
87	Calling all archaeologists: guidelines for terminology, methodology, data handling, and reporting when undertaking and reviewing stable isotope applications in archaeology. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 361-372.	1.5	62
88	Fossil herbivore stable isotopes reveal middle Pleistocene hominin palaeoenvironment in 'Green Arabia'. <i>Nature Ecology and Evolution</i> , 2018, 2, 1871-1878.	7.8	39
89	Defining the 'generalist specialist' niche for Pleistocene <i>Homo sapiens</i> . <i>Nature Human Behaviour</i> , 2018, 2, 542-550.	12.0	132
90	Finding the anthropocene in tropical forests. <i>Anthropocene</i> , 2018, 23, 5-16.	3.3	26

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91	78,000-year-old record of Middle and Later Stone Age innovation in an East African tropical forest. <i>Nature Communications</i> , 2018, 9, 1832.	12.8	78
92	Sampling and Pretreatment of Tooth Enamel Carbonate for Stable Carbon and Oxygen Isotope Analysis. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	9
93	Restructuring of nutrient flows in island ecosystems following human colonization evidenced by isotopic analysis of commensal rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6392-6397.	7.1	22
94	Persistent tropical foraging in the highlands of terminal Pleistocene/Holocene New Guinea. <i>Nature Ecology and Evolution</i> , 2017, 1, 44.	7.8	16
95	Stable carbon, oxygen, and nitrogen, isotope analysis of plants from a South Asian tropical forest: Implications for primatology. <i>American Journal of Primatology</i> , 2017, 79, e22656.	1.7	26
96	Fruits of the forest: Human stable isotope ecology and rainforest adaptations in Late Pleistocene and Holocene (âˆ¼36 to 3 ka) Sri Lanka. <i>Journal of Human Evolution</i> , 2017, 106, 102-118.	2.6	65
97	The deep human prehistory of global tropical forests and its relevance for modern conservation. <i>Nature Plants</i> , 2017, 3, 17093.	9.3	116
98	Tropical forests and the genus <i>Homo</i> . <i>Evolutionary Anthropology</i> , 2016, 25, 306-317.	3.4	41
99	An isotopic generation: four decades of stable isotope analysis in African archaeology. <i>Azania</i> , 2016, 51, 88-114.	0.9	11
100	Local diversity in settlement, demography and subsistence across the southern Indian Neolithic-Iron Age transition: site growth and abandonment at Sanganakallu-Kupgal. <i>Archaeological and Anthropological Sciences</i> , 2016, 8, 575-599.	1.8	25
101	â€˜We have never been behaviourally modernâ€™: The implications of Material Engagement Theory and Metaplasticity for understanding the Late Pleistocene record of human behaviour. <i>Quaternary International</i> , 2016, 405, 8-20.	1.5	29
102	Bone Technology from Late Pleistocene Caves and Rockshelters of Sri Lanka. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2016, , 173-188.	0.5	11
103	Climate, Environment and Early Human Innovation: Stable Isotope and Faunal Proxy Evidence from Archaeological Sites (98-59ka) in the Southern Cape, South Africa. <i>PLoS ONE</i> , 2016, 11, e0157408.	2.5	59
104	Direct evidence for human reliance on rainforest resources in late Pleistocene Sri Lanka. <i>Science</i> , 2015, 347, 1246-1249.	12.6	93
105	The Sri Lankan â€˜Microlithicâ€™ Tradition c. 38,000 to 3,000 Years Ago: Tropical Technologies and Adaptations of <i>Homo sapiens</i> at the Southern Edge of Asia. <i>Journal of World Prehistory</i> , 2015, 28, 69-112.	3.6	44
106	Pleistocene rainforests: barriers or attractive environments for early human foragers?. <i>World Archaeology</i> , 2015, 47, 718-739.	1.1	57
107	Continuity of mammalian fauna over the last 200,000 y in the Indian subcontinent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5848-5853.	7.1	47
108	Stable carbon isotopic evidence for climate change across the late Pleistocene to early Holocene from Lesotho, southern Africa. <i>Journal of Quaternary Science</i> , 2013, 28, 360-369.	2.1	44

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109	The men of Nelson's navy: A comparative stable isotope dietary study of late 18th century and early 19th century servicemen from Royal Naval Hospital burial grounds at Plymouth and Gosport, England. <i>American Journal of Physical Anthropology</i> , 2012, 148, 1-10.	2.1	24
110	Paleofire in the wet tropics of northeast Queensland, Australia. <i>PAGES News</i> , 2010, 18, 78-80.	0.1	16
111	Interdisciplinary Analysis of the Lehi Horse: Implications for Early Historic Horse Cultures of the North American West. <i>American Antiquity</i> , 0, , 1-21.	1.1	4
112	What Can We Learn from Studying Homo Sapiens' First Moves into Tropical Forests?. <i>Latest Thinking</i> , 0, , .	0.0	0
113	Managing environmental diversity in the eastern foothills of the Andes: pre-Columbian agrarian landscapes in the El Alto-Ancasti mountain range. <i>World Archaeology</i> , 0, , 1-28.	1.1	1