

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
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206112

48
g-index

123
all docs

123
docs citations

123
times ranked

3672
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Archaeological assessment reveals Earth's early transformation through land use. <i>Science</i> , 2019, 365, 897-902. | 12.6 | 369 |
| 2 | Defining the "generalist specialist" niche for Pleistocene <i>Homo sapiens</i> . <i>Nature Human Behaviour</i> , 2018, 2, 542-550. | 12.0 | 132 |
| 3 | The deep human prehistory of global tropical forests and its relevance for modern conservation. <i>Nature Plants</i> , 2017, 3, 17093. | 9.3 | 116 |
| 4 | Direct evidence for human reliance on rainforest resources in late Pleistocene Sri Lanka. <i>Science</i> , 2015, 347, 1246-1249. | 12.6 | 93 |
| 5 | Language continuity despite population replacement in Remote Oceania. <i>Nature Ecology and Evolution</i> , 2018, 2, 731-740. | 7.8 | 91 |
| 6 | 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 |
| 7 | Paleolithic to Bronze Age Siberians Reveal Connections with First Americans and across Eurasia. <i>Cell</i> , 2020, 181, 1232-1245.e20. | 28.9 | 71 |
| 8 | Specialized rainforest hunting by <i>Homo sapiens</i> ~45,000 years ago. <i>Nature Communications</i> , 2019, 10, 739. | 12.8 | 69 |
| 9 | Fruits of the forest: Human stable isotope ecology and rainforest adaptations in Late Pleistocene and Holocene (~436 to 3 ka) Sri Lanka. <i>Journal of Human Evolution</i> , 2017, 106, 102-118. | 2.6 | 65 |
| 10 | 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 |
| 11 | 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 |
| 12 | Environmental drivers of megafauna and hominin extinction in Southeast Asia. <i>Nature</i> , 2020, 586, 402-406. | 27.8 | 58 |
| 13 | 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 |
| 14 | Triangulation supports agricultural spread of the Transeurasian languages. <i>Nature</i> , 2021, 599, 616-621. | 27.8 | 58 |
| 15 | Pleistocene rainforests: barriers or attractive environments for early human foragers?. <i>World Archaeology</i> , 2015, 47, 718-739. | 1.1 | 57 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | The Sri Lankan "Microlithic" 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 |
| 22 | Earliest known human burial in Africa. <i>Nature</i> , 2021, 593, 95-100. | 27.8 | 44 |
| 23 | Tropical forests and the genus <i>Homo</i> . <i>Evolutionary Anthropology</i> , 2016, 25, 306-317. | 3.4 | 41 |
| 24 | 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 |
| 25 | 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 |
| 26 | Ancient proteins provide evidence of dairy consumption in eastern Africa. <i>Nature Communications</i> , 2021, 12, 632. | 12.8 | 39 |
| 27 | 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 |
| 28 | Human footprints provide snapshot of last interglacial ecology in the Arabian interior. <i>Science Advances</i> , 2020, 6, . | 10.3 | 34 |
| 29 | Origin and Health Status of First-Generation Africans from Early Colonial Mexico. <i>Current Biology</i> , 2020, 30, 2078-2091.e11. | 3.9 | 34 |
| 30 | 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 |
| 31 | Earliest Olduvai hominins exploited unstable environments ~ 2 million years ago. <i>Nature Communications</i> , 2021, 12, 3. | 12.8 | 30 |
| 32 | "We have never been behaviourally modern": 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 |
| 33 | 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 |
| 34 | Economic Diversification Supported the Growth of Mongolia's Nomadic Empires. <i>Scientific Reports</i> , 2020, 10, 3916. | 3.3 | 29 |
| 35 | Heading north: Late Pleistocene environments and human dispersals in central and eastern Asia. <i>PLoS ONE</i> , 2019, 14, e0216433. | 2.5 | 27 |
| 36 | An Imagined Past?. <i>Current Anthropology</i> , 2021, 62, 251-286. | 1.6 | 27 |

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|----|--|------|-----------|
| 37 | 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 |
| 38 | Finding the anthropocene in tropical forests. <i>Anthropocene</i> , 2018, 23, 5-16. | 3.3 | 26 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | Tropical Forests in Prehistory, History, and Modernity. , 2019, , . | | 23 |
| 44 | 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 |
| 45 | Field-based sciences must transform in response to COVID-19. <i>Nature Ecology and Evolution</i> , 2020, 4, 1571-1574. | 7.8 | 22 |
| 46 | Reimagining the relationship between Gondwanan forests and Aboriginal land management in Australia's "Wet Tropics" <i>Science</i> , 2021, 24, 102190. | 4.1 | 22 |
| 47 | 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 |
| 48 | Ancient DNA from the skeletons of Roopkund Lake reveals Mediterranean migrants in India. <i>Nature Communications</i> , 2019, 10, 3670. | 12.8 | 19 |
| 49 | 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 |
| 50 | Tropical Trees as Time Capsules of Anthropogenic Activity. <i>Trends in Plant Science</i> , 2020, 25, 369-380. | 8.8 | 18 |
| 51 | 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 |
| 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 | Persistent tropical foraging in the highlands of terminal Pleistocene/Holocene New Guinea. <i>Nature Ecology and Evolution</i> , 2017, 1, 44. | 7.8 | 16 |
| 54 | Ecosystem Engineering Among Ancient Pastoralists in Northern Central Asia. <i>Frontiers in Earth Science</i> , 2020, 8, . | 1.8 | 16 |

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|----|--|-----|-----------|
| 55 | Paleofire in the wet tropics of northeast Queensland, Australia. PAGES News, 2010, 18, 78-80. | 0.1 | 16 |
| 56 | Archaeological and historical insights into the ecological impacts of pre-colonial and colonial introductions into the Philippine Archipelago. Holocene, 2021, 31, 313-330. | 1.7 | 15 |
| 57 | The first directly dated evidence for Palaeolithic occupation on the Indian coast at Sandhav, Kachchh. Quaternary Science Reviews, 2019, 224, 105975. | 3.0 | 13 |
| 58 | Re-evaluating Scythian lifeways: Isotopic analysis of diet and mobility in Iron Age Ukraine. PLoS ONE, 2021, 16, e0245996. | 2.5 | 13 |
| 59 | Stable oxygen isotope analysis of <i>Phorcus lineatus</i> (da Costa, 1778) as a proxy for foraging seasonality during the Mesolithic in northern Iberia. Archaeological and Anthropological Sciences, 2019, 11, 5631-5644. | 1.8 | 12 |
| 60 | Cannibalism makes invasive comb jelly, <i>Mnemiopsis leidyi</i> , resilient to unfavourable conditions. Communications Biology, 2020, 3, 212. | 4.4 | 12 |
| 61 | The rise of the cosmetic industry in ancient China: Insights from a 2700-year-old face cream. Archaeometry, 2021, 63, 1042-1058. | 1.3 | 12 |
| 62 | Speleological and environmental history of Lida Ajer cave, western Sumatra. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200494. | 4.0 | 12 |
| 63 | Human forager response to abrupt climate change at 8.2ka on the Atlantic coast of Europe. Scientific Reports, 2022, 12, 6481. | 3.3 | 12 |
| 64 | An isotopic generation: four decades of stable isotope analysis in African archaeology. Azania, 2016, 51, 88-114. | 0.9 | 11 |
| 65 | Micro Methods for Megafauna: Novel Approaches to Late Quaternary Extinctions and Their Contributions to Faunal Conservation in the Anthropocene. BioScience, 2019, 69, 877-887. | 4.9 | 11 |
| 66 | Initial assessment of bioavailable strontium at Oldupai Gorge, Tanzania: Potential for early mobility studies. Journal of Archaeological Science, 2020, 114, 105066. | 2.4 | 11 |
| 67 | “Emptying Forests?” Conservation Implications of Past Human-Primate Interactions. Trends in Ecology and Evolution, 2021, 36, 345-359. | 8.7 | 11 |
| 68 | Non-uniform tropical forest responses to the “Columbian Exchange” in the Neotropics and Asia-Pacific. Nature Ecology and Evolution, 2021, 5, 1174-1184. | 7.8 | 11 |
| 69 | Plant wax biomarkers in human evolutionary studies. Evolutionary Anthropology, 2021, 30, 385-398. | 3.4 | 11 |
| 70 | Bone Technology from Late Pleistocene Caves and Rockshelters of Sri Lanka. Vertebrate Paleobiology and Paleoanthropology, 2016, , 173-188. | 0.5 | 11 |
| 71 | Spatial variation in bioavailable strontium isotope ratios ($^{87}\text{Sr}/^{86}\text{Sr}$) in Kenya and northern Tanzania: Implications for ecology, paleoanthropology, and archaeology. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 560, 109957. | 2.3 | 10 |
| 72 | The northern dispersal of early modern humans in eastern Eurasia. Science Bulletin, 2020, 65, 1699-1701. | 9.0 | 10 |

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|----|---|-----|-----------|
| 73 | 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 |
| 74 | Introducing Tropical Forests in Prehistory, History, and Modernity. , 2019, , . | | 10 |
| 75 | Tropical forests in the deep human past. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200500. | 4.0 | 10 |
| 76 | 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 |
| 77 | 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 |
| 78 | Sampling and Pretreatment of Tooth Enamel Carbonate for Stable Carbon and Oxygen Isotope Analysis. <i>Journal of Visualized Experiments</i> , 2018, , . | 0.3 | 9 |
| 79 | 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 |
| 80 | 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 |
| 81 | Exaptation Traits for Megafaunal Mutualisms as a Factor in Plant Domestication. <i>Frontiers in Plant Science</i> , 2021, 12, 649394. | 3.6 | 9 |
| 82 | An isotopic and genetic study of multi-cultural colonial New Zealand. <i>Journal of Archaeological Science</i> , 2021, 128, 105337. | 2.4 | 9 |
| 83 | Microhabitat Variability in Human Evolution. <i>Frontiers in Earth Science</i> , 2021, 9, . | 1.8 | 9 |
| 84 | 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 |
| 85 | 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 |
| 86 | 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 |
| 87 | 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 |
| 88 | 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 |
| 89 | 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 |
| 90 | 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 |

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|-----|---|-----|-----------|
| 91 | 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 |
| 92 | 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 |
| 93 | 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 |
| 94 | Leaf Wax Lipid Extraction for Archaeological Applications. <i>Current Protocols in Plant Biology</i> , 2020, 5, e20114. | 2.8 | 4 |
| 95 | 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 |
| 96 | â€œMoving Southâ€™: Late Pleistocene Plant Exploitation and the Importance of Palm in the Colombian Amazon. <i>Quaternary</i> , 2021, 4, 26. | 2.0 | 4 |
| 97 | 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 |
| 98 | 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 |
| 99 | Stable isotope analysis and differences in diet and social status in northern Medieval Christian Spain (9thâ€“13th centuries CE). <i>Journal of Archaeological Science: Reports</i> , 2022, 41, 103325. | 0.5 | 4 |
| 100 | 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 |
| 101 | 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 |
| 102 | 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 |
| 103 | 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 |
| 104 | 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 |
| 105 | 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 |
| 106 | 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 |
| 107 | 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 |
| 108 | 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 |

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|-----|---|-----|-----------|
| 109 | Biomarker and Pollen Approach to Reconstruct Late Holocene Climate and Environmental History in Western Sri Lanka. , 2019, , . | | 1 |
| 110 | Managing environmental diversity in the eastern foothills of the Andes: pre-Columbian agrarian landscapes in the El Alto-Ancasti mountain range. World Archaeology, 0, , 1-28. | 1.1 | 1 |
| 111 | Advances in increment coring system for large tropical trees with high wood densities. Dendrochronologia, 2021, 68, 125860. | 2.2 | 0 |
| 112 | Pleistocene-Holocene human palaeoecology in southern Mexico: Stable isotopic evidence from the Santa Marta Cave, Chiapas. Journal of Archaeological Science: Reports, 2021, 39, 103131. | 0.5 | 0 |
| 113 | What Can We Learn from Studying Homo Sapiens' First Moves into Tropical Forests?. Latest Thinking, 0, , . | 0.0 | 0 |