

Judith C Sealy

List of Publications by Year in descending order

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96
papers

6,481
citations

87888

38
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66911

78
g-index

100
all docs

100
docs citations

100
times ranked

3775
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Emergence of Modern Human Behavior: Middle Stone Age Engravings from South Africa. <i>Science</i> , 2002, 295, 1278-1280. | 12.6 | 737 |
| 2 | Stable carbon isotope ratio differences between bone collagen and bone apatite, and their relationship to diet. <i>Journal of Archaeological Science</i> , 1989, 16, 585-599. | 2.4 | 696 |
| 3 | Nitrogen isotopic ecology in southern Africa: Implications for environmental and dietary tracing. <i>Geochimica Et Cosmochimica Acta</i> , 1987, 51, 2707-2717. | 3.9 | 454 |
| 4 | Blombos Cave, Southern Cape, South Africa: Preliminary Report on the 1992-1999 Excavations of the Middle Stone Age Levels. <i>Journal of Archaeological Science</i> , 2001, 28, 421-448. | 2.4 | 388 |
| 5 | Beyond lifetime averages: tracing life histories through isotopic analysis of different calcified tissues from archaeological human skeletons. <i>Antiquity</i> , 1995, 69, 290-300. | 1.0 | 292 |
| 6 | Dietary reconstruction, mobility, and the analysis of ancient skeletal tissues: Expanding the prospects of stable isotope research in archaeology. <i>Journal of Archaeological Science</i> , 2015, 56, 146-158. | 2.4 | 223 |
| 7 | as a dietary indicator in modern and archaeological bone. <i>Journal of Archaeological Science</i> , 1991, 18, 399-416. | 2.4 | 171 |
| 8 | Diets of savanna ungulates from stable carbon isotope composition of faeces. <i>Journal of Zoology</i> , 2007, 273, 21-29. | 1.7 | 156 |
| 9 | Comparison of two methods of extracting bone collagen for stable carbon and nitrogen isotope analysis: comparing whole bone demineralization with gelatinization and ultrafiltration. <i>Journal of Archaeological Science</i> , 2014, 47, 64-69. | 2.4 | 155 |
| 10 | Bone Artefacts from the Middle Stone Age at Blombos Cave, Southern Cape, South Africa. <i>Current Anthropology</i> , 1997, 38, 890-895. | 1.6 | 150 |
| 11 | Title is missing!. <i>International Journal of Historical Archaeology</i> , 1997, 1, 207-224. | 0.4 | 135 |
| 12 | Diet, Mobility, and Settlement Pattern among Holocene Hunter-Gatherers in Southernmost Africa. <i>Current Anthropology</i> , 2006, 47, 569-595. | 1.6 | 130 |
| 13 | Isotope Assessment and the Seasonal-Mobility Hypothesis in the Southwestern Cape of South Africa [and Comments and Replies]. <i>Current Anthropology</i> , 1986, 27, 135-150. | 1.6 | 125 |
| 14 | A record of rapid Holocene climate change preserved in hyrax middens from southwestern Africa. <i>Geology</i> , 2009, 37, 703-706. | 4.4 | 123 |
| 15 | Resolving the bulk $\delta^{15}\text{N}$ values of ancient human and animal bone collagen via compound-specific nitrogen isotope analysis of constituent amino acids. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 241-251. | 3.9 | 116 |
| 16 | A novel marine dietary indicator utilising compound-specific bone collagen amino acid $\delta^{13}\text{C}$ values of ancient humans. <i>Journal of Archaeological Science</i> , 2005, 32, 321-330. | 2.4 | 109 |
| 17 | Social, spatial and chronological patterning in marine food use as determined by $\delta^{13}\text{C}$ measurements of Holocene human skeletons from the southwestern Cape, South Africa. <i>World Archaeology</i> , 1988, 20, 87-102. | 1.1 | 98 |
| 18 | The chronology of the introduction of pastoralism to the Cape, South Africa. <i>Antiquity</i> , 1994, 68, 58-67. | 1.0 | 94 |

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|----|---|------|-----------|
| 19 | TL DATING OF BURNT LITHICS FROM BLOMBOS CAVE (SOUTH AFRICA): FURTHER EVIDENCE FOR THE ANTIQUITY OF MODERN HUMAN BEHAVIOUR*. <i>Archaeometry</i> , 2006, 48, 341-357. | 1.3 | 93 |
| 20 | Chemistry and Paleodietary Research: No More Easy Answers. <i>American Antiquity</i> , 1989, 54, 504-512. | 1.1 | 90 |
| 21 | Earliest Stone-Tipped Projectiles from the Ethiopian Rift Date to >279,000 Years Ago. <i>PLoS ONE</i> , 2013, 8, e78092. | 2.5 | 86 |
| 22 | Diagenesis of Strontium in Fossil Bone: A Reconsideration of Nelson et al.(1986). <i>Journal of Archaeological Science</i> , 1995, 22, 313-320. | 2.4 | 81 |
| 23 | Diet, Body Size, and Landscape Use among Holocene People in the Southern Cape, South Africa. <i>Current Anthropology</i> , 2000, 41, 642-655. | 1.6 | 80 |
| 24 | Isotope assessment of Holocene human diets in the southwestern Cape, South Africa. <i>Nature</i> , 1985, 315, 138-140. | 27.8 | 77 |
| 25 | Stable carbon and nitrogen isotopic analyses of the underclass at the colonial Cape of Good Hope in the eighteenth and nineteenth centuries. <i>World Archaeology</i> , 2001, 33, 73-97. | 1.1 | 76 |
| 26 | Human remains from Blombos Cave, South Africa: (1997-1998 excavations). <i>Journal of Human Evolution</i> , 2000, 38, 755-765. | 2.6 | 65 |
| 27 | Determining isotopic life history trajectories using bone density fractionation and stable isotope measurements: A new approach. <i>American Journal of Physical Anthropology</i> , 2001, 116, 66-79. | 2.1 | 63 |
| 28 | Craniofacial variation and population continuity during the South African Holocene. <i>American Journal of Physical Anthropology</i> , 2007, 134, 489-500. | 2.1 | 59 |
| 29 | Sr and Sr/Ca in marine and terrestrial foodwebs in the Southwestern Cape, South Africa. <i>Journal of Archaeological Science</i> , 1988, 15, 425-438. | 2.4 | 55 |
| 30 | Late-Holocene marine radiocarbon reservoir correction ($\delta^{14}C$) for the west coast of South Africa. <i>Holocene</i> , 2012, 22, 1481-1489. | 1.7 | 54 |
| 31 | Implications of a mass kill site of springbok (<i>Antidorcas marsupialis</i>) in South Africa: hunting practices, gender relations, and sharing in the Later Stone Age. <i>Journal of Archaeological Science</i> , 2006, 33, 1266-1275. | 2.4 | 52 |
| 32 | Landscape-scale feeding patterns of African elephant inferred from carbon isotope analysis of feces. <i>Oecologia</i> , 2011, 165, 89-99. | 2.0 | 52 |
| 33 | Diet and dental caries among later stone age inhabitants of the Cape Province, South Africa. <i>American Journal of Physical Anthropology</i> , 1992, 88, 123-134. | 2.1 | 51 |
| 34 | Earliest Evidence for the Ivory Trade in Southern Africa: Isotopic and ZooMS Analysis of Seventh- to Tenth Century ad Ivory from KwaZulu-Natal. <i>African Archaeological Review</i> , 2016, 33, 411-435. | 1.4 | 51 |
| 35 | Late Quaternary environmental change in the Southern Cape, South Africa, from stable carbon and oxygen isotopes in faunal tooth enamel from Boomplaas Cave. <i>Journal of Quaternary Science</i> , 2016, 31, 919-927. | 2.1 | 48 |
| 36 | An Investigation of Barium, Calcium and Strontium as Palaeodietary Indicators in the Southwestern Cape, South Africa. <i>Journal of Archaeological Science</i> , 1994, 21, 173-184. | 2.4 | 47 |

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|----|--|-----|-----------|
| 37 | Stable carbon and oxygen isotopic evidence for late Pleistocene to middle Holocene climatic fluctuations in the interior of southern Africa. <i>Journal of Quaternary Science</i> , 2002, 17, 683-695. | 2.1 | 44 |
| 38 | Technical note: Interpreting stable carbon isotopes in human tooth enamel: An examination of tissue spacings from South Africa. <i>American Journal of Physical Anthropology</i> , 2012, 147, 499-507. | 2.1 | 43 |
| 39 | Isotopic Evidence for the Antiquity of Cattle-Based Pastoralism in Southernmost Africa. <i>Journal of African Archaeology</i> , 2010, 8, 65-81. | 0.6 | 41 |
| 40 | Questions of khoesan continuity: Dental affinities among the indigenous holocene peoples of South Africa. <i>American Journal of Physical Anthropology</i> , 2014, 155, 33-44. | 2.1 | 38 |
| 41 | New Radiocarbon Dates and Bayesian Models for Nelson Bay Cave and Byneskranskop 1: Implications for the South African Later Stone Age Sequence. <i>Radiocarbon</i> , 2016, 58, 365-381. | 1.8 | 38 |
| 42 | Polonium-210 and Lead-210 in edible molluscs from near the Cape of Good Hope: Sources of variability in polonium-210 concentrations. <i>Journal of Environmental Radioactivity</i> , 1994, 24, 253-272. | 1.7 | 33 |
| 43 | Excavations at Melkbosstrand: Variability among Herder Sites on Table Bay, South Africa. <i>South African Archaeological Bulletin</i> , 2004, 59, 17. | 0.1 | 33 |
| 44 | Direct Radiocarbon Dating of Early Sheep Bones: Two Further Results. <i>South African Archaeological Bulletin</i> , 1996, 51, 109. | 0.1 | 29 |
| 45 | First evidence for onshore marine isotope stage 3 aeolianite formation on the southern Cape coastline of South Africa. <i>Marine Geology</i> , 2019, 407, 1-15. | 2.1 | 29 |
| 46 | Palaeoproteomics confirm earliest domesticated sheep in southern Africa ca. 2000 BP. <i>Scientific Reports</i> , 2021, 11, 6631. | 3.3 | 28 |
| 47 | Stable dietary isotopes and mtDNA from Woodland period southern Ontario people: results from a tooth sampling protocol. <i>Journal of Archaeological Science</i> , 2014, 42, 334-345. | 2.4 | 26 |
| 48 | Investigation of organic matter and biomarkers from Diepkloof Rock Shelter, South Africa: Insights into Middle Stone Age site usage and palaeoclimate. <i>Journal of Archaeological Science</i> , 2017, 85, 51-65. | 2.4 | 25 |
| 49 | Beyond documenting diagenesis: The fifth international bone diagenesis workshop. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 129-133. | 2.3 | 24 |
| 50 | On "Approaches to dietary reconstruction in the Western Cape: Are you what you have eaten?" A reply to Parkington. <i>Journal of Archaeological Science</i> , 1992, 19, 459-466. | 2.4 | 20 |
| 51 | A mid-Holocene AMS 14C date for the presumed upper Pleistocene human skeleton from Peers Cave, South Africa. <i>Journal of Human Evolution</i> , 2009, 56, 431-434. | 2.6 | 20 |
| 52 | Maize, Fish, and Deer: Investigating Dietary Staples among Ancestral Huron-Wendat Villages, as Documented from Tooth Samples. <i>American Antiquity</i> , 2016, 81, 515-532. | 1.1 | 20 |
| 53 | Coastal complexity: Ancient human diets inferred from Bayesian stable isotope mixing models and a primate analogue. <i>PLoS ONE</i> , 2018, 13, e0209411. | 2.5 | 19 |
| 54 | Multi-isotopic and morphometric evidence for the migration of farmers leading up to the Inka conquest of the southern Andes. <i>Scientific Reports</i> , 2020, 10, 21171. | 3.3 | 19 |

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|----|--|-----|-----------|
| 55 | Isotopic Evidence for Diets of Prehistoric Farmers in South Africa. , 1993, , 99-120. | | 19 |
| 56 | A Dated Human Burial from the Namaqualand Coast: Observations on Culture, Biology and Diet. South African Archaeological Bulletin, 1992, 47, 75. | 0.1 | 18 |
| 57 | Hunter-Gatherer Child Burials from the Pakhuis Mountains, Western Cape: Growth, Diet and Burial Practices in the Late Holocene. South African Archaeological Bulletin, 2000, 55, 32. | 0.1 | 18 |
| 58 | Middle Pleistocene dynamics of southern Africa's winter rainfall zone from $\delta^{13}C$ and $\delta^{18}O$ values of Hoedjiespunt faunal enamel. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 374, 72-80. | 2.3 | 18 |
| 59 | Stable isotope record implicates aridification without warming during the late Capitanian mass extinction. Gondwana Research, 2018, 59, 1-8. | 6.0 | 17 |
| 60 | Seasonal scheduling of shellfish collection in the Middle and Later Stone Ages of southern Africa. Journal of Human Evolution, 2019, 128, 1-16. | 2.6 | 16 |
| 61 | The relationship of ungulate $\delta^{13}C$ and environment in the temperate biome of southern Africa, and its palaeoclimatic application. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 514, 282-291. | 2.3 | 16 |
| 62 | Environmental and ecological implications of strontium isotope ratios in mid-Pleistocene fossil teeth from Elandsfontein, South Africa. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 490, 84-94. | 2.3 | 15 |
| 63 | Climate and ecology of the palaeo-Agulhas Plain from stable carbon and oxygen isotopes in bovid tooth enamel from Nelson Bay Cave, South Africa. Quaternary Science Reviews, 2020, 235, 105974. | 3.0 | 15 |
| 64 | An Infant Burial from Steenbokfontein Cave, West Coast, South Africa: Its Archaeological, Nutritional and Anatomical Context. South African Archaeological Bulletin, 2000, 55, 44. | 0.1 | 13 |
| 65 | PATTERNS OF WEANING AMONG ANCESTRAL HURON-WENDAT COMMUNITIES, DETERMINED FROM NITROGEN ISOTOPES. American Antiquity, 2017, 82, 244-261. | 1.1 | 13 |
| 66 | Terminal Pleistocene and Holocene dynamics of southern Africa's winter rainfall zone based on carbon and oxygen isotope analysis of bovid tooth enamel from Elands Bay Cave. Quaternary International, 2016, 404, 57-67. | 1.5 | 12 |
| 67 | Shellfishing and the Interpretation of Shellfish Sizes in the Middle and Later Stone Ages of South Africa. Interdisciplinary Contributions To Archaeology, 2011, , 405-419. | 0.3 | 12 |
| 68 | Isotopic niche structure of a mammalian herbivore assemblage from a West African savanna: Body mass and seasonality effect. Mammalian Biology, 2016, 81, 644-650. | 1.5 | 11 |
| 69 | Ecosystem engineering in the Quaternary of the West Coast of South Africa. Evolutionary Anthropology, 2021, 30, 50-62. | 3.4 | 11 |
| 70 | Capitalizing on the Potential of South African Indigenous Beef Cattle Breeds: A Review. Sustainability, 2021, 13, 4388. | 3.2 | 11 |
| 71 | A late Quaternary record of seasonal sea surface temperatures off southern Africa. Quaternary Science Reviews, 2017, 171, 73-84. | 3.0 | 10 |
| 72 | Inter-tooth comparison of $\delta^{13}C$ and $\delta^{18}O$ in ungulate tooth enamel from south-western Africa. Quaternary International, 2018, 495, 144-152. | 1.5 | 10 |

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|----|--|-----|-----------|
| 73 | Multi-tissue stable carbon and nitrogen isotope models for dietary reconstruction: Evaluation using a southern African farming population. <i>American Journal of Physical Anthropology</i> , 2019, 168, 145-153. | 2.1 | 10 |
| 74 | Cultural Change, Demography, and the Archaeology of the Last 100 kyr in Southern Africa. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2016, , 65-75. | 0.5 | 9 |
| 75 | Diet and adult age-at-death among mobile foragers: A synthesis of bioarcheological methods. <i>American Journal of Physical Anthropology</i> , 2019, 170, 131-147. | 2.1 | 9 |
| 76 | Maize, Fish, and Deer: Investigating Dietary Staples among Ancestral Huron-Wendat Villages, as Documented from Tooth Samples. <i>American Antiquity</i> , 2016, 81, 515-532. | 1.1 | 9 |
| 77 | Fire and human management of late Holocene ecosystems in southern Africa. <i>Quaternary Science Reviews</i> , 2022, 289, 107600. | 3.0 | 9 |
| 78 | A Late Holocene community burial area: Evidence of diverse mortuary practices in the Western Cape, South Africa. <i>PLoS ONE</i> , 2020, 15, e0230391. | 2.5 | 8 |
| 79 | Sourcing Elephant Ivory from a Sixteenth-Century Portuguese Shipwreck. <i>Current Biology</i> , 2021, 31, 621-628.e4. | 3.9 | 7 |
| 80 | Triple oxygen isotope distribution in modern mammal teeth and potential geologic applications. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 331, 105-122. | 3.9 | 7 |
| 81 | Carbon Isotopes and Dental Caries as Evidence for Regional Variation in the Diets of Early Farming Communities from Katanga, Democratic Republic of the Congo. <i>Journal of African Archaeology</i> , 2016, 14, 135-153. | 0.6 | 5 |
| 82 | Investigating $\delta^{18}O$ of <i>Turbo sarmaticus</i> (L. 1758) as an indicator of sea surface temperatures. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 484, 62-69. | 2.3 | 5 |
| 83 | Diet variability among pre-Dogon and early Dogon populations (Mali) from stable isotopes and dental diseases. <i>American Journal of Physical Anthropology</i> , 2019, 169, 287-301. | 2.1 | 5 |
| 84 | Dietary resource partitioning among three coeval proboscidean taxa (<i>Anancus capensis</i> , <i>Mammuthus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T Quarry. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 543, 109606. | 2.3 | 4 |
| 85 | New investigations at the Middle Stone Age site of Pockenbank Rockshelter, Namibia. <i>Antiquity</i> , 2016, 90, . | 1.0 | 3 |
| 86 | Little Ice Age drought event reconstructed from isotopic analysis of archaeological springbok () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 | 2.3 | 3 |
| 87 | Ecometrics and the paleoecological implications of Pleistocene faunas from the western coastal plains of the Cape Floristic Region, South Africa. <i>Journal of Quaternary Science</i> , 2020, 35, 1007-1020. | 2.1 | 3 |
| 88 | Investigating Cattle Procurement at Great Zimbabwe Using $^{87}Sr/^{86}Sr$. <i>Journal of African Archaeology</i> , 2021, 19, 146-158. | 0.6 | 3 |
| 89 | On Diet and Settlement in Holocene South Africa. <i>Current Anthropology</i> , 2007, 48, 581-583. | 1.6 | 2 |
| 90 | Intensification, Diet, and Group Boundaries among Later Stone Age Coastal Hunter-gatherers along the Western and Southern Coasts of South Africa. , 0, , . | | 2 |

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|----|---|-----|-----------|
| 91 | Modern behaviour in ancient South Africans: evidence for the heat treatment of stones in the Middle Stone Age. South African Journal of Science, 2010, 105, . | 0.7 | 1 |
| 92 | Lead and strontium isotopes as palaeodietary indicators in the Western Cape of South Africa. South African Journal of Science, 2020, 116, . | 0.7 | 1 |
| 93 | Paleodiet. Encyclopedia of Earth Sciences Series, 2017, , 583-588. | 0.1 | 1 |
| 94 | Carnivore stable isotopes as environmental integrators in southern African winter rainfall ecosystems. Quaternary International, 2022, , . | 1.5 | 1 |
| 95 | Osteological and stable isotope ($\delta^{13}C$ and $\delta^{15}N$) analysis of faunal remains from Khami, Zimbabwe. Azania, 2018, 53, 507-527. | 0.9 | 0 |
| 96 | AFRICA, SOUTH Late Holocene Foragers. , 2008, , 83-86. | | 0 |