

ARC2130 / ARCM130

Discovering the Past with Molecular Science

View Online



1.
Ambrose SH, Krigbaum J. Bone chemistry and bioarchaeology. *Journal of Anthropological Archaeology*. 2003;22(3):193-199.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000185269100002&site=eds-live&scope=site>

2.
Bentley RA. Strontium Isotopes from the Earth to the Archaeological Skeleton: A Review. *Journal of Archaeological Method and Theory*. 2006;13(3):135-187.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.20177538&site=eds-live&scope=site>

3.
World Archaeology: Stable Isotopes. 2013;45(3).
<https://uoelibrary.idm.oclc.org/login?url=http://www.tandfonline.com/toc/rwar20/45/3?nav=toCList>

4.
Evershed RP. Organic residue analysis in archaeology: the archaeological biomarker revolution. *Archaeometry*. 2008;50(6):895-924.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000261215800001&site=eds-live&scope=site>

- 5.

López Varela SL, ed. The Encyclopedia of Archaeological Sciences. Wiley-Blackwell; 2019.
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991008570939707446&context=L&vid=44UOEX_INST:default

6.

MacHugh DE, Larson G, Orlando L. Taming the Past: Ancient DNA and the Study of Animal Domestication. Annual Review Of Animal Biosciences. 2017;5(1):329-351.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=cmedm&AN=27813680&site=eds-live&scope=site>

7.

Matisoo-Smith L, Horsburgh KA. DNA for Archaeologists. Left Coast Press; 2012.
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991005657969707446&context=L&vid=44UOEX_INST:default

8.

Pollard AM, Batt CM, Stern B, Young SMM. Analytical Chemistry in Archaeology. Cambridge University Press; 2007.
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003205709707446&context=L&vid=44UOEX_INST:default

9.

Brothwell DR, Pollard AM. Handbook of Archaeological Sciences. Wiley; 2001.

10.

Brown TA, Brown K. Biomolecular Archaeology: An Introduction. Wiley-Blackwell; 2011.

11.

Eriksson G. Chapter: The Nature of the Evidence - Stable Isotope Analysis of Humans. In: The Oxford Handbook of the Archaeology of Death and Burial. ; 2013:123-146.
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000047109707446&context=L&vid=44UOEX_INST:default

12.

Kohn MJ, Cerling TE. Stable Isotope Compositions of Biological Apatite. *Reviews in Mineralogy and Geochemistry*. 2002;48(1):455-488.
<https://contentstore.cla.co.uk/secure/link?id=a37286b7-c2e9-e911-80cd-005056af4099>

13.

Lee-Thorp JA. On Isotopes and Old Bones. *Archaeometry*. 2008;50(6):925-950.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000261215800002&site=eds-live&scope=site>

14.

Leng MJ. *Isotopes in Palaeoenvironmental Research*. Vol 10. Springer; 2006.
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991002164799707446&context=L&vid=44UOEX_INST:default

15.

Orlando L, Gilbert MT, Willerslev E. Reconstructing Ancient Genomes and Epigenomes. *Nature Reviews Genetics*. 2015;16(7):395-408.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=cmedm&AN=26055157&site=eds-live&scope=site>

16.

Pearson MP, Chamberlain AJ, Richards M, et al. Beaker People in Britain: Migration, Mobility and Diet. *Antiquity*. 2016;90(351):620-637.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000376691400005&site=eds-live&scope=site>

17.

Price TD, Arcini C, Gustin I, Drenzel L, Kalmring S. Isotopes and Human Burials at Viking Age Birka and the Malaren Region, East Central Sweden. *Journal of Anthropological Archaeology*. 2018;49:19-38.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000428603500003&site=eds-live&scope=site>

18.

Schoeninger MJ. Stable Isotope Analyses and the Evolution of Human Diets. *Annual Review of Anthropology*. 2014;43(1):413-430.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000348430900027&site=eds-live&scope=site>

19.

English Heritage. Organic Residue Analysis and Archaeology | English Heritage.

<https://historicengland.org.uk/images-books/publications/organic-residue-analysis-and-archaeology/>

20.

Janet Montgomery - Isotope Analysis of Skeletons - YouTube.

<https://www.youtube.com/watch?v=gJZQIXPxueU>

21.

Ambrose SH, Krigbaum J. Bone chemistry and bioarchaeology [in] *Journal of Anthropological Archaeology*. *Journal of Anthropological Archaeology*. 2003;22(3):193-199.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000185269100002&site=eds-live&scope=site>

22.

Evershed RP. Organic residue analysis in archaeology: the archaeological biomarker revolution. *Archaeometry*. 2008;50(6):895-924.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000261215800001&site=eds-live&scope=site>

23.

Kendall C, Eriksen AM, Kontopoulos I, Collins M, Turner-Walker G. Diagenesis of

Archaeological Bone and Tooth. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 2018;491:21-37.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0031018217305898&site=eds-live&scope=site>

24.

Lamb AL. Stable Isotope Analysis of Soft Tissues From Mummified Human Remains. *Environmental Archaeology*. 2016;21(3):271-284.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=eih&AN=116526716&site=eds-live&scope=site>

25.

Ramsey CB. Radiocarbon Dating: Revolutions in Understanding. *Archaeometry*. 2008;50(2):249-275.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000254272200005&site=eds-live&scope=site>

26.

Muccio Z, Jackson GP. Isotope Ratio Mass Spectrometry. *Analyst*. 2009;134(2):213-222.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=asx&AN=36278472&site=eds-live&scope=site>

27.

Peterson BJ, Fry B. Stable Isotopes in Ecosystem Studies. *Annual Review of Ecology and Systematics*. 1987;18(1):293-320.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.2097134&site=eds-live&scope=site>

28.

Stern B, Pollard AM, Batt CM, Young SMM. *Analytical Chemistry in Archaeology*.; 2007.

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003205709707446&context=L&vid=44UOEX_INST:default

29.

Pollard M, Batt C, Stern B, Young SMM. Chapter 10: Atoms, Isotopes, Electron Orbitals and the Periodic Table. In: *Analytical Chemistry in Archaeology*. Cambridge University Press; 2007.

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003205709707446&context=L&vid=44UOEX_INST:default

30.

Schoeninger MJ. Stable Isotope Studies in Human Evolution. *Evolutionary Anthropology: Issues, News and Reviews*. 1995;4(3):83-98.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edb&AN=91392022&site=eds-live&scope=site>

31.

Michener RH, Lajtha K. *Stable Isotopes in Ecology and Environmental Science*. 2nd ed. Blackwell; 2007.

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991000159059707446&context=L&vid=44UOEX_INST:default

32.

Richards MP, Hedges REM, Stevens RE. Bone as a Stable Isotope Archive for Local Climatic Information. *Quaternary Science Reviews*. 2004;23(7):959-965.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0277379104000204&site=eds-live&scope=site>

33.

Hedges REM, Stevens RE, Koch PL. Isotopes in Bones and Teeth. In: *Isotopes in Palaeoenvironmental Research*. Vol 10. Springer; 2006:117-145.

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991002164799707446&context=L&vid=44UOEX_INST:default

34.

Lee-Thorp JA. On Isotopes and Old Bones. *Archaeometry*. 2008;50(6):925-950.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000261215800002&site=eds-live&scope=site>

35.

Nehlich O. The Application of Sulphur Isotope Analyses in Archaeological Research: A Review. *Earth-Science Reviews*. 2015;142(Supplement C):1-17.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0012825214002220&site=eds-live&scope=site>

36.

Barrett JH, Orton D, Johnstone C, et al. Interpreting the expansion of sea fishing in medieval Europe using stable isotope analysis of archaeological cod bones. *Journal of Archaeological Science*. 2011;38(7):1516-1524.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0305440311000562&site=eds-live&scope=site>

37.

Cook GT, Bonsall C, Hedges REM, McSweeney K, Boronean V, Pettitt PB. A Freshwater Diet-Derived ^{14}C Reservoir Effect at the Stone Age Sites in the Iron Gates Gorge. *Radiocarbon*. 2001;43(2A):453-460.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edb&AN=70321790&site=eds-live&scope=site>

38.

Clementz MT, Fox-Dobbs K, Wheatley PV, Koch PL, Doak DF. Revisiting old bones: coupled carbon isotope analysis of bioapatite and collagen as an ecological and palaeoecological tool. *Geological Journal*. 2009;44(5):605-620.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000270079300006&site=eds-live&scope=site>

39.

Drucker DG, Naito YI, Péan S, et al. Isotopic analyses suggest mammoth and plant in the diet of the oldest anatomically modern humans from far southeast Europe. *Scientific Reports*. 2017;7(1).

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true>

ue&db=edswss&AN=000406610000084&site=eds-live&scope=site

40.

Farquhar GD, Ehleringer JR, Hubick KT. Carbon Isotope Discrimination and Photosynthesis. *Annual Review of Plant Physiology and Plant Molecular Biology*. 1989;40(1):503-537.
<https://uoelibrary.idm.oclc.org/login?url=http://www.annualreviews.org/doi/abs/10.1146/annurev.pp.40.060189.002443>

41.

Haydock H, Clarke L, Craig-Atkins E, Howcroft R, Buckberry J. Weaning at Anglo-Saxon raunds: Implications for changing breastfeeding practice in Britain over two millennia. *American Journal of Physical Anthropology*. 2013;151(4):604-612.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000321975400012&site=eds-live&scope=site>

42.

Heaton THE. Spatial, Species, and Temporal Variations in the $^{13}\text{C}/^{12}\text{C}$ Ratios of C_3 Plants: Implications for Palaeodiet Studies. *Journal of Archaeological Science*. 1999;26(6):637-649.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0305440398903818&site=eds-live&scope=site>

43.

Iacumin P, Davanzo S, Nikolaev V. Spatial and temporal variations in the $^{13}\text{C}/^{12}\text{C}$ and $^{15}\text{N}/^{14}\text{N}$ ratios of mammoth hairs: Palaeodiet and palaeoclimatic implications. *Chemical Geology*. 2006;231(1-2):16-25.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0009254105005437&site=eds-live&scope=site>

44.

Jaouen K, Beasley M, Schoeninger M, Hublin J, Richards MP. Zinc isotope ratios of bones and teeth as new dietary indicators: results from a modern food web (Koobi Fora, Kenya). *Scientific Reports*. 2016;6(26281).
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true>

ue&db=cmedm&AN=27189145&site=eds-live&scope=site

45.

Kohn MJ, Cerling TE. Stable Isotope Compositions of Biological Apatite. *Reviews in Mineralogy and Geochemistry*. 2002;48(1):455-488.

<https://contentstore.cla.co.uk/secure/link?id=a37286b7-c2e9-e911-80cd-005056af4099>

46.

Naito YI, Chikaraishi Y, Drucker DG, et al. Ecological niche of Neanderthals from Spy Cave revealed by nitrogen isotopes of individual amino acids in collagen. *Journal of Human Evolution*. 2016;93:82-90.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0047248416000233&site=eds-live&scope=site>

47.

Muldner G, Richards M. Diet and Diversity at Later Medieval Fishergate: The Isotopic Evidence. *American Journal of Physical Anthropology*. 2007;134(2):162-174.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=asx&AN=26885841&site=eds-live&scope=site>

48.

Richards M, Muidner G. Stable Isotope Evidence for 1500 Years of Human Diet at the City of York, UK. *American Journal of Physical Anthropology*. 2007;133(1):682-697.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=asx&AN=24894713&site=eds-live&scope=site>

49.

Pearson JA, Bogaard A, Charles M, et al. Stable carbon and nitrogen isotope analysis at Neolithic Çatalhöyük: evidence for human and animal diet and their relationship to households. *Journal of Archaeological Science*. 2015;57(Supplement C):69-79.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0305440315000205&site=eds-live&scope=site>

50.

Tieszen LL. Natural variations in the carbon isotope values of plants: Implications for archaeology, ecology, and paleoecology. *Journal of Archaeological Science*. 1991;18(3):227-248.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=A1991FN20100002&site=eds-live&scope=site>

51.

White CD. Isotopic Determination of Seasonality in Diet and Death from Nubian Mummy Hair. *Journal of Archaeological Science*. 1993;20(6):657-666.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edo&AN=ejs847441&site=eds-live&scope=site>

52.

Blog | Stable Isotopes in Zooarchaeology | A Working Group of the International Council for Archaeozoology. <https://sizwg.wordpress.com/blog/>

53.

Centre for Innovation - Leiden University. 3.2 Paleodiet: Principles of Stable Isotope Analysis - YouTube. Published online 2017.

https://www.youtube.com/watch?v=CN83D-ra4_o

54.

Darling WG. Hydrological Factors in the Interpretation of Stable Isotopic Proxy Data Present and Past: A European Perspective. *Quaternary Science Reviews*. 2004;23(7-8):743-770.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0277379104000149&site=eds-live&scope=site>

55.

Darling WG, Bath AH, Gibson JJ, Rozanski K. Chapter 6: Isotopes in Water. In: *Isotopes in Palaeoenvironmental Research*. Vol 10. Springer; 2006:1-66.

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991002164799707446&context=L&vid=44UOEX_INST:default

56.

Leng MJ, Lewis JP. Oxygen isotopes in Molluscan shell: Applications in environmental archaeology. *Environmental Archaeology*. 2016;21(3):295-306.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=eih&AN=116526721&site=eds-live&scope=site>

57.

McDermott F. Palaeo-Climature Reconstruction From Stable Isotope Variations in Speleothems: A Review. *Quaternary Science Reviews*. 2004;23(7-8):901-918.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0277379104000198&site=eds-live&scope=site>

58.

Blumenthal SA, Cerling TE, Chritz KL, Bromage TG, Kozdon R, Valley JW. Stable Isotope Time-Series in Mammalian Teeth: In Situ $\delta^{18}\text{O}$ From the Innermost Enamel Layer. *Geochimica et Cosmochimica Acta*. 2014;124:223-236.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0016703713005413&site=eds-live&scope=site>

59.

Dansgaard W. Stable Isotopes in Precipitation. *Tellus*. 1964;16(4):436-468.

<https://onlinelibrary.wiley.com/doi/10.1111/j.2153-3490.1964.tb00181.x>

60.

Gourcy LL, Groening M, Aggarwal PK. Chapter 4: Stable Oxygen and Hydrogen Isotopes in Precipitation. In: *Isotopes in the Water Cycle: Past, Present and Future of a Developing Science*. International Atomic Energy Agency (IAEA); 2005:39-51.

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991008604329707446&context=L&vid=44UOEX_INST:default

61.

Lee-Thorp JA, Ecker M. Holocene Environmental Change at Wonderwerk Cave, South Africa:

Insights from Stable Light Isotopes in Ostrich Eggshell. *African Archaeological Review*. 2015;32(4):793-811.

<https://0-uoelibrary-idm-oclc-org.lib.exeter.ac.uk/login?url=http://0-search.ebscohost.com.lib.exeter.ac.uk/login.aspx?direct=true&db=hlh&AN=111904335&site=eds-live&scope=site>

62.

McDermott F. Palaeo-climate reconstruction from stable isotope variations in speleothems: a review. *Quaternary Science Reviews*. 2004;23(7):901-918.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0277379104000198&site=eds-live&scope=site>

63.

Müller UC, Pross J, Tzedakis PC, et al. The Role of Climate in the Spread of Modern Humans into Europe. *Quaternary Science Reviews*. 2011;30(3-4):273-279.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0277379110004129&site=eds-live&scope=site>

64.

Pryor AJE, O'Connell TC, Wojtal P, Krzemińska A, Stevens RE. Investigating Climate at the Upper Palaeolithic Site of Kraków Spadzista Street (B) Poland, Using Oxygen Isotopes. *Quaternary International*. 2013;294:108-119.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S1040618211005544&site=eds-live&scope=site>

65.

Pryor AJE, Stevens RE, O'Connell TC, Lister JR. Quantification and Propagation of Errors When Converting Vertebrate Biomineral Oxygen Isotope Data to Temperature for Palaeoclimate Reconstruction. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 2014;412:99-107.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0031018214003484&site=eds-live&scope=site>

66.

Rozanski D, Araguas-Araguas L, Gonfiantini R. Isotopic patterns in modern global precipitation. Published online 1993.
https://www.researchgate.net/profile/Roberto_Gonfiantini/publication/257359208_Isotopic_patterns_in_Global_Precipitation/links/02e7e53c68ce1ca0e7000000/Isotopic-patterns-in-Global-Precipitation.pdf

67.

Tütken T, Furrer H, Walter Vennemann T. Stable Isotope Compositions of Mammoth Teeth From Niederweningen, Switzerland: Implications for the Late Pleistocene Climate, Environment and Diet. *Quaternary International*. 2007;164-165:139-150.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S1040618206002151&site=eds-live&scope=site>

68.

O'Connell TC, Kneale CJ, Tasevska N, Kuhnle GGC. The Diet-Body Offset in Human Nitrogen Isotopic Values: A Controlled Dietary Study. *American Journal of Physical Anthropology*. 2012;149(3):426-434.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000309922100013&site=eds-live&scope=site>

69.

O'Connell TC, Hedges REM. Investigations into the Effect of Diet on Modern Human Hair Isotopic Values. *American Journal of Physical Anthropology*. 1999;108(4):409-425.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswss&AN=000079546500003&site=eds-live&scope=site>

70.

O'Connell TC, Hedges REM. Isotopic Comparison of Hair and Bone: Archaeological Analyses. *Journal of Archaeological Science*. 1999;26(6):661-665.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0305440398903831&site=eds-live&scope=site>

71.

O'Connell TC, Hedges REM, Healey MA, Simpson AHRW. Isotopic Comparison of Hair, Nail and Bone: Modern Analyses. *Journal of Archaeological Science*. 2001;28(11):1247-1255. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000172195200011&site=eds-live&scope=site>

72.

Bentley RA. Strontium Isotopes from the Earth to the Archaeological Skeleton: A Review. *Journal of Archaeological Method and Theory*. 2006;13(3):135-187. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.20177538&site=eds-live&scope=site>

73.

Evans JA, Chenery CA, Montgomery J. A Summary of Strontium and Oxygen Isotope Variation in Archaeological Human Tooth Enamel Excavated From Britain. *JAAS (Journal of Analytical Atomic Spectrometry)*. 2012;27(5):754-764. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=asx&AN=100893600&site=eds-live&scope=site>

74.

Bentley RA, Bickle P, Fibiger L, et al. Community Differentiation and Kinship Among Europe's First Farmers. *Proceedings of the National Academy of Sciences*. 2012;109(24):9326-9330. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.41602662&site=eds-live&scope=site>

75.

Britton K, Grimes V, Niven L, et al. Strontium isotope evidence for migration in late Pleistocene Rangifer: Implications for Neanderthal hunting strategies at the Middle Palaeolithic site of Jonzac, France. *Journal of Human Evolution*. 2011;61(2):176-185. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0047248411000686&site=eds-live&scope=site>

76.

Hoppe KA, Koch PL, Furutani TT. Assessing the Preservation of Biogenic Strontium in Fossil Bones and Tooth Enamel. *International Journal of Osteoarchaeology*. 2003;13(1-2):20-28.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edo&AN=ejs4322634&site=eds-live&scope=site>

77.

Jay M, Montgomery J, Nehlich O, Towers J, Evans J. British Iron Age chariot burials of the Arras culture: a multi-isotope approach to investigating mobility levels and subsistence practices. *World Archaeology*. 2013;45(3):473-491.
<https://0-uoelibrary-idm-oclc-org.lib.exeter.ac.uk/login?url=http://0-search.ebscohost.com.lib.exeter.ac.uk/login.aspx?direct=true&db=rh&AN=90380616&site=eds-live&scope=site>

78.

Kutschera W, Müller W. "Isotope language" of the Alpine Iceman investigated with AMS and MS. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms*. 2003;204(Supplement C):705-719.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0168583X03004919&site=eds-live&scope=site>

79.

Meier-Augenstein W, Fraser I. Forensic isotope analysis leads to identification of a mutilated murder victim. *Science & Justice*. 2008;48(3):153-159.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=cmedm&AN=18953804&site=eds-live&scope=site>

80.

Müller et al. W, Fricke H. Origin and Migration of the Alpine Iceman. *Science*. 5646;302(5646):862-866.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edsjsr&AN=edsjsr.3835555&site=eds-live&scope=site>

81.

Pearson et al. M. Beaker People in Britain: Migration, Mobility and Diet. *Antiquity*. 2016;90(351):620-637.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000376691400005&site=eds-live&scope=site>

82.

Pellegrini M, Pouncett J, Jay M, Pearson MP, Richards MP. Tooth enamel oxygen 'isoscares' show a high degree of human mobility in prehistoric Britain. *Scientific Reports*. 2016;6. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000392010700001&site=eds-live&scope=site>

83.

Price TD, Knipper C, Grupe G, Smrcka V. Strontium Isotopes and Prehistoric Human Migration: The Bell Beaker Period in Central Europe. *European Journal of Archaeology*. 2004;7(Issue 1):9-40. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=asx&AN=53090830&site=eds-live&scope=site>

84.

Price TD, Meiggs D, Weber MJ, Pike-Tay A. The migration of Late Pleistocene reindeer: isotopic evidence from northern Europe. *Archaeological and Anthropological Sciences*. 2017;9(3):371-394. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000399027500005&site=eds-live&scope=site>

85.

Linderholm A. Ancient DNA: The Next Generation - Chapter and Verse. *Biological Journal of the Linnean Society*. 2016;117(Issue 1):150-160. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=asx&AN=112072603&site=eds-live&scope=site>

86.

MacHugh DE, Larson G, Orlando L. Taming the Past: Ancient DNA and the Study of Animal Domestication. *Annual Review Of Animal Biosciences*. 2017;5:329-351. <https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=cmedm&AN=27813680&site=eds-live&scope=site>

87.

Matisoo-Smith L, Horsburgh KA. DNA for Archaeologists. Left Coast Press; 2012.
https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991005657969707446&context=L&vid=44UOEX_INST:default

88.

Orlando L, Gilbert MTP, Willerslev E. Reconstructing Ancient Genomes and Epigenomes. *Nature Reviews: Genetics*. 2015;16(7):395-408.
https://go-gale-com.uoelibrary.idm.oclc.org/ps/retrieve.do?tabID=T002&resultListType=RESULT_LIST&searchResultsType=SingleTab&hitCount=1&searchType=AdvancedSearchForm¤tPosition=1&docId=GALE%7CA420050893&docType=Report&sort=RELEVANCE&contentSegment=ZONE-MOD1&prodId=AONE&pageNum=1&contentSet=GALE%7CA420050893&searchId=R3&userGroupName=exeter&inPS=true

89.

Allentoft et al. ME. Population genomics of Bronze Age Eurasia. *Nature*. 2015;522(7555):167-172.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=pbh&AN=103160510&site=eds-live&scope=site>

90.

Ermini L, Der Sarkissian C, Willerslev E, Orlando L. Major transitions in human evolution revisited: A tribute to ancient DNA. *Journal of Human Evolution*. 2015;79:4-20.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0047248414002516&site=eds-live&scope=site>

91.

Frantz et al. LA. Genomic and Archaeological Evidence Suggest a Dual Origin of Domestic Dogs. *Science*. 2016;352(6290):1228-1231.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=cmedm&AN=27257259&site=eds-live&scope=site>

92.

Llamas B, Willerslev E, Orlando L. Human evolution: a tale from ancient genomes. *Philosophical Transactions Of The Royal Society Of London Series B, Biological Sciences*. 2017;372(1713):1-24.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=cmedm&AN=27994125&site=eds-live&scope=site>

93.

Loog et al. L. Inferring Allele Frequency Trajectories from Ancient DNA Indicates That Selection on a Chicken Gene Coincided with Changes in Medieval Husbandry Practices. *Molecular Biology & Evolution*. 2017;34(8):1981-1990.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edb&AN=124480585&site=eds-live&scope=site>

94.

Marciniak S, Klunk J, Devault A, Enk J, Poinar HN. Ancient Human Genomics: The Methodology Behind Reconstructing Evolutionary Pathways. *Journal of Human Evolution*. 2015;79:21-34.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S0047248414002693&site=eds-live&scope=site>

95.

Nielsen et al. R. Tracing the peopling of the world through genomics. *Nature*. 2017;541(7637):302-310.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edsovi&AN=edsovi.00006056.201701190.00040&site=eds-live&scope=site>

96.

Ottoni et al. C. Pig Domestication and Human-Mediated Dispersal in Western Eurasia Revealed through Ancient DNA and Geometric Morphometrics. *Molecular Biology and Evolution*. 2013;30(4):824-832.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edsovi&AN=edsovi.00005793.201304000.00012&site=eds-live&scope=site>

97.

Pääbo S. The Human Condition—A Molecular Approach. *Cell*. 2014;157(1):216-226.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S009286741301605X&site=eds-live&scope=site>

98.

Barnard H, Dooley AN, Faull KF. Chapter 5: An introduction to archaeological lipid analysis by GC/MS. In: Theory and Practice of Archaeological Residue Analysis. Vol 1650. Archaeopress; 2007:42-60.
<https://contentstore.cla.co.uk/secure/link?id=2428a28d-bbe9-e911-80cd-005056af4099>

99.

Evershed RP. Organic residue analysis in archaeology: the archaeological biomarker revolution. Archaeometry. 2008;50(6):895-924.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000261215800001&site=eds-live&scope=site>

100.

Roffet-Salque et al. M. From the inside out: Upscaling organic residue analyses of archaeological ceramics. Journal of Archaeological Science: Reports. 2017;16 (Supplement C):627-640.
<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edselp&AN=S2352409X16301390&site=eds-live&scope=site>

101.

Historic England Guide: Organic Residue Analysis and Archaeology.
<https://historicengland.org.uk/images-books/publications/organic-residue-analysis-and-archaeology/>

102.

Brown TA, Brown K. Biomolecular Archaeology: An Introduction. Wiley-Blackwell; 2011.

103.

Craig et al. OE. Feeding Stonehenge: Cuisine and Consumption at the Late Neolithic Site of

Durrington Walls. *Antiquity*. 2015;89(347):1096-1109.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000363306700006&site=eds-live&scope=site>

104.

Evershed et al. RP. Earliest date for milk use in the Near East and southeastern Europe linked to cattle herding. *Nature*. 2008;455(7212):528-531.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=pbh&AN=34482572&site=eds-live&scope=site>

105.

Heron et al. C. First Molecular and Isotopic Evidence of Millet Processing in Prehistoric Pottery Vessels. *Scientific Reports*. 2016;6(38767).

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=edswah&AN=000390304400001&site=eds-live&scope=site>

106.

Pollard AM. *Analytical Chemistry in Archaeology*. Cambridge University Press; 2007.

https://exeter.primo.exlibrisgroup.com/discovery/fulldisplay?docid=alma991003205709707446&context=L&vid=44UOEX_INST:default

107.

Roffet-Salque et al. M. Widespread Exploitation of the Honeybee by Early Neolithic Farmers. *Nature*. 2015;527(7577):226-230.

<https://uoelibrary.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=pbh&AN=111020978&site=eds-live&scope=site>