Stanley H Ambrose

List of Publications by Year
in descending order

70 papers	9,350 citations	87888 38 h-index	91884 69 g-index
72 all docs	72 docs citations	72 times ranked	5733 citing authors

#	Article	IF	Citations
1	Preparation and characterization of bone and tooth collagen for isotopic analysis. Journal of Archaeological Science, 1990, 17, 431-451.	2.4	1,417
2	Late Pleistocene human population bottlenecks, volcanic winter, and differentiation of modern humans. Journal of Human Evolution, 1998, 34, 623-651.	2.6	611
3	Effects of diet, climate and physiology on nitrogen isotope abundances in terrestrial foodwebs. Journal of Archaeological Science, 1991, 18, 293-317.	2.4	601
4	Systematic Butchery by Plio/Pleistocene Hominids at Olduvai Gorge, Tanzania [and Comments and Reply]. Current Anthropology, 1986, 27, 431-452.	1.6	542
5	The isotopic ecology of East African mammals. Oecologia, 1986, 69, 395-406.	2.0	523
6	Chronology of the Later Stone Age and Food Production in East Africa. Journal of Archaeological Science, 1998, 25, 377-392.	2.4	454
7	The Seasonal Mobility Model for Prehistoric Herders in the South-western Cape of South Africa Assessed by Isotopic Analysis of Sheep Tooth Enamel. Journal of Archaeological Science, 2002, 29, 917-932.	2.4	344
8	Stable carbon isotopic evidence for differences in the dietary origin of bone cholesterol, collagen and apatite: implications for their use in palaeodietary reconstruction. Geochimica Et Cosmochimica Acta, 2004, 68, 61-72.	3.9	310
9	Stable isotopic analysis of human diet in the Marianas Archipelago, Western Pacific. American Journal of Physical Anthropology, 1997, 104, 343-361.	2.1	286
10	Long-distance stone transport and pigment use in the earliest Middle Stone Age. Science, 2018, 360, 90-94.	12.6	237
11	Status and gender differences in diet at Mound 72, Cahokia, revealed by isotopic analysis of bone. Journal of Anthropological Archaeology, 2003, 22, 217-226.	1.6	235
12	Reconstruction of African human diet using bone collagen carbon and nitrogen isotope ratios. Nature, 1986, 319, 321-324.	27.8	234
13	Reconstructing northern Chinese Neolithic subsistence practices by isotopic analysis. Journal of Archaeological Science, 2005, 32, 1176-1189.	2.4	211
14	Geology and palaeontology of the Late Miocene Middle Awash valley, Afar rift, Ethiopia. Nature, 2001, 412, 175-178.	27.8	208
15	Quantifying dietary macronutrient sources of carbon for bone collagen biosynthesis using natural abundance stable carbon isotope analysis. British Journal of Nutrition, 2006, 95, 1055-1062.	2.3	202
16	Determining Sheep Birth Seasonality by Analysis of Tooth Enamel Oxygen Isotope Ratios: The Late Stone Age Site of Kasteelberg (South Africa). Journal of Archaeological Science, 2003, 30, 205-215.	2.4	200
17	Macrovertebrate Paleontology and the Pliocene Habitat of Ardipithecus ramidus. Science, 2009, 326, 67-93.	12.6	194
18	Bone chemistry and bioarchaeology. Journal of Anthropological Archaeology, 2003, 22, 193-199.	1.6	178

#	Article	IF	Citations
19	Environmental impact of the 73ka Toba super-eruption in South Asia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 284, 295-314.	2.3	178
20	Dietary and environmental reconstruction with stable isotope analyses of herbivore tooth enamel from the Miocene locality of Fort Ternan, Kenya. Journal of Human Evolution, 1997, 33, 635-650.	2.6	162
21	Detection of Dietary Changes by Intra-tooth Carbon and Nitrogen Isotopic Analysis: An Experimental Study of Dentine Collagen of Cattle (Bos taurus). Journal of Archaeological Science, 2001, 28, 235-245.	2.4	154
22	Distinguishing sheep and goats using dental morphology and stable carbon isotopes in C4 grassland environments. Journal of Archaeological Science, 2005, 32, 691-702.	2.4	113
23	Ancient herders enriched and restructured African grasslands. Nature, 2018, 561, 387-390.	27.8	107
24	Stable isotopic analysis of human bones from Jiahu site, Henan, China: implications for the transition to agriculture. Journal of Archaeological Science, 2006, 33, 1319-1330.	2.4	96
25	Ancient DNA reveals a multistep spread of the first herders into sub-Saharan Africa. Science, 2019, 365, .	12.6	96
26	Stable carbon and nitrogen isotope analysis of human and animal diet in Africa. Journal of Human Evolution, 1986, 15, 707-731.	2.6	95
27	Climate and Habitat Reconstruction Using Stable Carbon and Nitrogen Isotope Ratios of Collagen in Prehistoric Herbivore Teeth from Kenya. Quaternary Research, 1989, 31, 407-422.	1.7	94
28	Early MIS 3 occupation of Mochena Borago Rockshelter, Southwest Ethiopian Highlands: Implications for Late Pleistocene archaeology, paleoenvironments and modern human dispersals. Quaternary International, 2012, 274, 38-54.	1.5	88
29	The use of isotope ratios to test for seaweed eating in sheep. Journal of Zoology, 2005, 266, 283-291.	1.7	81
30	Bone nitrogen isotope composition and climate. Nature, 1987, 325, 201-201.	27.8	77
31	Did the super-eruption of Toba cause a human population bottleneck? Reply to Gathorne-Hardy and Harcourt-Smith. Journal of Human Evolution, 2003, 45, 231-237.	2.6	71
32	Identification of pastoral sites using stable nitrogen and carbon isotopes from bulk sediment samples: a case study in modern and archaeological pastoral settlements in Kenya. Journal of Archaeological Science, 2008, 35, 983-990.	2.4	71
33	Paleosol Stable Isotope Evidence for Early Hominid Occupation of East Asian Temperate Environments. Quaternary Research, 1997, 48, 228-238.	1.7	64
34	7. Archaeology and Linguistic Reconstructions of History in East Africa. , 1982, , 104-157.		57
35	The 74Âka Toba super-eruption and southern Indian hominins: archaeology, lithic technology and environments at Jwalapuram Locality 3. Journal of Archaeological Science, 2010, 37, 3370-3384.	2.4	52
36	On Stable Isotopic Data and Prehistoric Subsistence in the Soconusco Region. Current Anthropology, 1992, 33, 401-404.	1.6	51

#	Article	IF	Citations
37	Ancient DNA and deep population structure in sub-Saharan African foragers. Nature, 2022, 603, 290-296.	27.8	51
38	Probing dietary change of the KwÃdÄ…y DÃn Ts'Ã¬nchÄ¯ individual, an ancient glacier body from British Columbia: I. Complementary use of marine lipid biomarker and carbon isotope signatures as novel indicators of a marine diet. Journal of Archaeological Science, 2008, 35, 2102-2110.	2.4	44
39	New geological and palaeontological age constraint for the gorillaâ€“human lineage split. Nature, 2016, 530, 215-218.	27.8	44
40	New Information on the Stone Age Graves at Dragsholm , Denmark. Acta Archaeologica, 2007, 78, 193-219.	0.3	42
41	Excavations at Deloraine, Rongai, 1978. Azania, 1984, 19, 79-104.	0.9	40
42	Effects of hydrolysis on the?13C values of individual amino acids derived from polypeptides and proteins. Rapid Communications in Mass Spectrometry, 2003, 17, 2283-2289.	1.5	34
43	Howiesons Poort lithic raw material procurement patterns and the evolution of modern human behavior: A response to Minichillo (2006). Journal of Human Evolution, 2006, 50, 365-369.	2.6	34
44	Prey use by red foxes (Vulpes vulpes) in urban and rural areas of Illinois. Canadian Journal of Zoology, 2003, 81, 1070-1082.	1.0	31
45	Seasonal variation in kangaroo tooth enamel oxygen and carbon isotopes in southern Australia. Quaternary Research, 2012, 78, 256-265.	1.7	28
46	Newly discovered cercopithecid, equid and other mammalian fossils from the Chorora Formation, Ethiopia. Anthropological Science, 2015, 123, 19-39.	0.4	27
47	Elemental fingerprinting of Kenya Rift Valley ochre deposits for provenance studies of rock art and archaeological pigments. Quaternary International, 2017, 430, 42-59.	1.5	27
48	Excavations at Masai Gorge Rockshelter, Naivasha. Azania, 1985, 20, 29-67.	0.9	26
49	Reply to comment on the Paleoenvironment of Kenyapithecus at Fort Ternan. Journal of Human Evolution, 1992, 23, 371-377.	2.6	26
50	Evidence of long-term seasonal climate forcing in rhizolith isotopes during the last glaciation. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	20
51	Early pastoral mobility and seasonality in Kenya assessed through stable isotope analysis. Journal of Archaeological Science, 2020, 117, 105099.	2.4	20
52	A year in the life of a giant ground sloth during the Last Glacial Maximum in Belize. Science Advances, 2019, 5, eaau1200.	10.3	19
53	Are we all out of Africa?. Nature, 1986, 322, 21-22.	27.8	15
54	East African Neolithic. , 2001, , 97-109.		14

#	Article	IF	Citations
55	Natural abundance stable carbon isotope evidence for the routing and de novo synthesis of bone FA and cholesterol. Lipids, 2003, 38, 179-186.	1.7	12
56	Red Earth, Green Glass, and Compositional Data: A New Procedure for Solid-State Elemental Characterization, Source Discrimination, and Provenience Analysis of Ochres. Journal of Archaeological Method and Theory, 2020, 27, 930-970.	3.0	11
57	Spatial variation in bioavailable strontium isotope ratios (87Sr/86Sr) in Kenya and northern Tanzania: Implications for ecology, paleoanthropology, and archaeology. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 560, 109957.	2.3	10
58	Social and environmental factors influencing dietary choices among Dawenkou culture sites, Late Neolithic China. Holocene, 2021, 31, 271-284.	1.7	10
59	AMS 14C Dating of Human Bones Using Sequential Pyrolysis and Combustion of Collagen. Radiocarbon, 2010, 52, 157-163.	1.8	9
60	Lemudong'o: a new 6 Ma paleontological site near Narok, Kenya Rift Valley. Journal of Human Evolution, 2003, 44, 737-742.	2.6	8
61	Kangaroo tooth enamel oxygen and carbon isotope variation on a latitudinal transect in southern Australia: implications for palaeoenvironmental reconstruction. Oecologia, 2013, 171, 403-416.	2.0	7
62	Integrative geochronology calibrates the Middle and Late Stone Ages of Ethiopiaâ€™s Afar Rift. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
63	Reply to Cerling et al.. Current Anthropology, 2014, 55, 473-474.	1.6	6
64	Iron Age landscape changes in the BenouÃ© River Valley, Cameroon. Quaternary Research, 2019, 92, 323-339.	1.7	5
65	ANTHROPOLOGY: Enhanced: A Tool for All Seasons. Science, 2006, 314, 930-931.	12.6	4
66	Response to Comment on the Paleoenvironment of Ardipithecus ramidus. Science, 2010, 328, 1105-1105.	12.6	3
67	Improved ostrich eggshell and ungulate tooth enamel radiocarbon dating methods reveal Later Stone Age occupation in arid MIS 2 southern Somalia. Journal of Archaeological Science: Reports, 2021, 36, 102844.	0.5	2
68	Human Beginnings in South Africa: Uncovering the Secrets of the Stone Age. H. J. Deacon and Janette Deacon. 1999. Altamira Press, Walnut Creek, CA. 224 pp. $24.95 (paper), ISBN 0-7619-9086-0.. American Antiquity, 2002, 67, 587-588.	1.1	1
69	Reply to Cerling et al.. Current Anthropology, 2015, 56, 447-448.	1.6	1
70	Evaluating competition and conflict among western Ukraine Neolithic farmers with stable isotope analyses of human teeth. Journal of Archaeological Science: Reports, 2018, 21, 897-903.	0.5	1