

Thure E Cerling

List of Publications by Year in descending order

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215
papers

23,051
citations

11651

70
h-index

8630

146
g-index

220
all docs

220
docs citations

220
times ranked

12882
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable isotope analysis of carnivores from the Turkana Basin, Kenya: Evidence for temporally-mixed fossil assemblages. <i>Quaternary International</i> , 2022, , .	1.5	2
2	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
3	CH ₄ /CO ₂ Ratios and Carbon Isotope Enrichment Between Diet and Breath in Herbivorous Mammals. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	11
4	Isotope data from amino acids indicate Darwin's ground sloth was not an herbivore. <i>Scientific Reports</i> , 2021, 11, 18944.	3.3	18
5	Diets of mammalian fossil fauna from Kanapoi, northwestern Kenya. <i>Journal of Human Evolution</i> , 2020, 140, 102338.	2.6	14
6	Late Middle Pleistocene Elephants from Natodomeri, Kenya and the Disappearance of Elephas (Proboscidea, Mammalia) in Africa. <i>Journal of Mammalian Evolution</i> , 2020, 27, 483-495.	1.8	5
7	Cosmogenic ³ He exposure ages of basaltic flows from Miller Knoll, Panguitch Lake, Utah: Using the alternative isochron approach to overcome low-gas crushes. <i>Quaternary Geochronology</i> , 2020, 55, 101035.	1.4	1
8	Comparative isotope ecology of western Amazonian rainforest mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26263-26272.	7.1	19
9	Calcium isotopic ecology of Turkana Basin hominins. <i>Nature Communications</i> , 2020, 11, 3587.	12.8	24
10	High-resolution stable isotope profiles of modern elephant (<i>Loxodonta africana</i>) tusk dentin and tail hair from Kenya: Implications for identifying seasonal variability in climate, ecology, and diet in ancient proboscideans. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 559, 109962.	2.3	10
11	Intra-tooth stable isotope profiles in warthog canines and third molars: Implications for paleoenvironmental reconstructions. <i>Chemical Geology</i> , 2020, 554, 119799.	3.3	6
12	Stable isotopes in hair reveal dietary protein sources with links to socioeconomic status and health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20044-20051.	7.1	14
13	Forward and inverse methods for extracting climate and diet information from stable isotope profiles in proboscidean molars. <i>Quaternary International</i> , 2020, 557, 92-109.	1.5	11
14	Fast exchange of strontium between hair and ambient water: Implication for isotopic analysis in provenance and forensic studies. <i>PLoS ONE</i> , 2020, 15, e0233712.	2.5	12
15	Reply to Van Valkenburgh et al.. <i>Current Biology</i> , 2020, 30, R151-R152.	3.9	4
16	The isotopic geochemistry of CaCO ₃ encrustations in Taylor Valley, Antarctica: Implications for their origin. <i>Acta Geographica Slovenica</i> , 2020, 60, 125-139.	0.7	5
17	Causes and Consequences of Pleistocene Megafaunal Extinctions as Revealed from Rancho La Brea Mammals. <i>Current Biology</i> , 2019, 29, 2488-2495.e2.	3.9	35
18	Isotopic records of climate seasonality in equid teeth. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 260, 329-348.	3.9	17

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19	Calcium isotopic patterns in enamel reflect different nursing behaviors among South African early hominins. <i>Science Advances</i> , 2019, 5, eaax3250.	10.3	31
20	Trace element concentrations in horn: Endogenous levels in keratin and susceptibility to exogenous contamination. <i>Chemosphere</i> , 2019, 237, 124443.	8.2	4
21	Source Identification of Particulate Metals/Metalloids Deposited in the San Juan River Delta of Lake Powell, USA. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	1
22	Isotopes in teeth and a cryptic population of coastal freshwater seals. <i>Conservation Biology</i> , 2019, 33, 1415-1425.	4.7	1
23	Climate, ecology, and the spread of herding in eastern Africa. <i>Quaternary Science Reviews</i> , 2019, 204, 119-132.	3.0	39
24	Diet and evaporation sensitivity in African ungulates: A comment on Faith (2018). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 506, 250-251.	2.3	3
25	Longitudinal and transverse variation of trace element concentrations in elephant and giraffe hair: implication for endogenous and exogenous contributions. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 644.	2.7	13
26	Applying the principles of isotope analysis in plant and animal ecology to forensic science in the Americas. <i>Oecologia</i> , 2018, 187, 1077-1094.	2.0	22
27	Stable isotope ecology of black rhinos (<i>Diceros bicornis</i>) in Kenya. <i>Oecologia</i> , 2018, 187, 1095-1105.	2.0	8
28	Reconstruction of travel history using coupled $\delta^{18}\text{O}$ and $\delta^{87}\text{Sr}/\delta^{86}\text{Sr}$ measurements of hair. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 583-589.	1.5	22
29	Opinion: Why we need a centralized repository for isotopic data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2997-3001.	7.1	50
30	Rowleyite, $[\text{Na}(\text{NH}_4, \text{K})_9\text{Cl}_4][\text{V}_2^{5+}, 4+(\text{P}, \text{As})\text{O}_8]_6 \cdot n[\text{H}_2\text{O}, \text{Na}, \text{NH}_4, \text{K}, \text{Cl}]_a$; a new mineral with a microporous framework structure. <i>American Mineralogist</i> , 2017, , .	1.9	1
31	Aridity and hominin environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7331-7336.	7.1	127
32	Francis H. Brown (1943–2017). <i>Evolutionary Anthropology</i> , 2017, 26, 245-248.	3.4	1
33	Stable isotopic variation in tropical forest plants for applications in primatology. <i>American Journal of Primatology</i> , 2016, 78, 1041-1054.	1.7	33
34	Forensic Stable Isotope Biogeochemistry. <i>Annual Review of Earth and Planetary Sciences</i> , 2016, 44, 175-206.	11.0	51
35	Radiocarbon dating of seized ivory confirms rapid decline in African elephant populations and provides insight into illegal trade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13330-13335.	7.1	62
36	Hippopotamus (<i>H. amphibius</i>) diet change indicates herbaceous plant encroachment following megaherbivore population collapse. <i>Scientific Reports</i> , 2016, 6, 32807.	3.3	15

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37	Climate, CO ₂ , and the history of North American grasses since the Last Glacial Maximum. <i>Science Advances</i> , 2016, 2, e1501346.	10.3	72
38	Small-mammal isotope ecology tracks climate and vegetation gradients across western North America. <i>Oikos</i> , 2016, 125, 1100-1109.	2.7	24
39	Carbon isotope ratios of human tooth enamel record the evidence of terrestrial resource consumption during the Jomon period, Japan. <i>American Journal of Physical Anthropology</i> , 2015, 158, 300-311.	2.1	21
40	Exploring the Potential of Laser Ablation Carbon Isotope Analysis for Examining Ecology during the Ontogeny of Middle Pleistocene Hominins from Sima de los Huesos (Northern Spain). <i>PLoS ONE</i> , 2015, 10, e0142895.	2.5	12
41	Environments and trypanosomiasis risks for early herders in the later Holocene of the Lake Victoria basin, Kenya. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3674-3679.	7.1	59
42	Strontium isotopes delineate fine-scale natal origins and migration histories of Pacific salmon. <i>Science Advances</i> , 2015, 1, e1400124.	10.3	81
43	A New Tooth Wear-Based Dietary Analysis Method for Proboscidea (Mammalia). <i>Journal of Vertebrate Paleontology</i> , 2015, 35, e918546.	1.0	40
44	On the Environment of Aramis. <i>Current Anthropology</i> , 2015, 56, 445-446.	1.6	2
45	Dietary changes of large herbivores in the Turkana Basin, Kenya from 4 to 1 Ma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11467-11472.	7.1	191
46	Isotopic ordering in eggshells reflects body temperatures and suggests differing thermophysiology in two Cretaceous dinosaurs. <i>Nature Communications</i> , 2015, 6, 8296.	12.8	60
47	Strontium isotopes in otoliths of a non-migratory fish (slimy sculpin): Implications for provenance studies. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 149, 32-45.	3.9	37
48	Stable isotopes (carbon, nitrogen, sulfur), diet, and anthropometry in urban Colombian women: Investigating socioeconomic differences. <i>American Journal of Human Biology</i> , 2015, 27, 207-218.	1.6	18
49	The potential for application of ink stable isotope analysis in questioned document examination. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2015, 55, 27-33.	2.1	7
50	Neogene Grasslands of the Indian Subcontinent: Dynamics of the Transition from C3 to C4 Ecosystems. <i>The Paleontological Society Special Publications</i> , 2014, 13, 112-112.	0.0	0
51	On the Environment of Aramis. <i>Current Anthropology</i> , 2014, 55, 469-470.	1.6	11
52	Volume Editor's Introduction. , 2014, , xxiii-xxiv.		0
53	Stable isotope time-series in mammalian teeth: In situ ¹⁸ O from the innermost enamel layer. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 124, 223-236.	3.9	61
54	Cosmogenic ³ He exposure ages of basalt flows in the northwestern Payán Matru volcanic field, Mendoza Province, Argentina. <i>Quaternary Geochronology</i> , 2014, 19, 67-75.	1.4	11

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55	Diet and Habitat of Siwalik Primates <i>Indopithecus</i> , <i>Sivaladapis</i> and <i>Theropithecus</i> . <i>Annales Zoologici Fennici</i> , 2014, 51, 123-142.	0.6	26
56	Strontium isotope variation and carbonate versus silicate weathering in rivers from across Alaska: Implications for provenance studies. <i>Chemical Geology</i> , 2014, 389, 167-181.	3.3	50
57	Deconvolution of isotope signals from bundles of multiple hairs. <i>Oecologia</i> , 2014, 175, 781-789.	2.0	29
58	Evaluating the use of strontium isotopes in tree rings to record the isotopic signal of dust deposited on the Wasatch Mountains. <i>Applied Geochemistry</i> , 2014, 50, 53-65.	3.0	18
59	The Hair-Diet ^{13}C and ^{15}N Fractionation in <i>Chlorocebus aethiops sabaeus</i> Based on a Control Diet Study. <i>Annales Zoologici Fennici</i> , 2014, 51, 66-72.	0.6	9
60	Stable isotope-based diet reconstructions of Turkana Basin hominins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10501-10506.	7.1	177
61	Cosmogenic ^3He Ages and Geochemical Discrimination of Lava-Dam Outburst-Flood Deposits in Western Grand Canyon, Arizona. <i>Water Science and Application</i> , 2013, , 191-215.	0.3	3
62	Diet of <i>Theropithecus</i> from 4 to 1 Ma in Kenya. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10507-10512.	7.1	67
63	Bomb-curve radiocarbon measurement of recent biologic tissues and applications to wildlife forensics and stable isotope (paleo)ecology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11736-11741.	7.1	65
64	Reply to Fontes-Villalba et al.: On a reluctance to conjecture about animal food consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4056.	7.1	3
65	Fossil Mice and Rats Show Isotopic Evidence of Niche Partitioning and Change in Dental Ecomorphology Related to Dietary Shift in Late Miocene of Pakistan. <i>PLoS ONE</i> , 2013, 8, e69308.	2.5	38
66	^2H and ^{18}O of human body water: a GIS model to distinguish residents from non-residents in the contiguous USA. <i>Isotopes in Environmental and Health Studies</i> , 2012, 48, 259-279.	1.0	31
67	Detecting intraannual dietary variability in wild mountain gorillas by stable isotope analysis of feces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21277-21282.	7.1	49
68	B-HIVE: Beeswax hydrogen isotopes as validation of environment, part II. Compound-specific hydrogen isotope analysis. <i>Food Chemistry</i> , 2012, 134, 494-501.	8.2	8
69	Small mammal carbon isotope ecology across the Miocene-Pliocene boundary, northwestern Argentina. <i>Earth and Planetary Science Letters</i> , 2012, 321-322, 177-188.	4.4	64
70	Light-Element Isotopes (H, C, N, and O) as Tracers of Human Diet: A Case Study on Fast Food Meals. <i>Advances in Isotope Geochemistry</i> , 2012, , 707-723.	1.4	4
71	Dietary Heterogeneity among Western Industrialized Countries Reflected in the Stable Isotope Ratios of Human Hair. <i>PLoS ONE</i> , 2012, 7, e34234.	2.5	74
72	Hydrogen and Oxygen Isotope Ratios in Body Water and Hair: Modeling Isotope Dynamics in Nonhuman Primates. <i>American Journal of Primatology</i> , 2012, 74, 651-660.	1.7	31

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73	Woody cover and hominin environments in the past 6 million years. <i>Nature</i> , 2011, 476, 51-56.	27.8	514
74	Diet of <i>Paranthropus boisei</i> in the early Pleistocene of East Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9337-9341.	7.1	263
75	Paleosol carbonates from the Omo Group: Isotopic records of local and regional environmental change in East Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 307, 75-89.	2.3	145
76	Timing of glaciation and last glacial maximum paleoclimate estimates from the Fish Lake Plateau, Utah. <i>Quaternary Research</i> , 2011, 75, 183-195.	1.7	14
77	Late Miocene to Pliocene carbon isotope record of differential diet change among East African herbivores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6509-6514.	7.1	156
78	Spatial distributions of carbon, nitrogen and sulfur isotope ratios in human hair across the central United States. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 861-868.	1.5	81
79	Consistent predictable patterns in the hydrogen and oxygen stable isotope ratios of animal proteins consumed by modern humans in the USA. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3713-3722.	1.5	19
80	Stable Isotope Ecology in the Omo-Turkana Basin. <i>Evolutionary Anthropology</i> , 2011, 20, 228-237.	3.4	27
81	B-HIVE: Beeswax hydrogen isotopes as validation of environment. Part I: Bulk honey and honeycomb stable isotope analysis. <i>Food Chemistry</i> , 2011, 125, 576-581.	8.2	22
82	Worldwide stable carbon and nitrogen isotopes of Big Mac® patties: An example of a truly "global" food. <i>Food Chemistry</i> , 2011, 127, 1712-1718.	8.2	33
83	Using Isoscapes to Track Animal Migration. , 2010, , 273-298.		97
84	Isotopic consequences of consumer food choice: Hydrogen and oxygen stable isotope ratios in foods from fast food restaurants versus supermarkets. <i>Food Chemistry</i> , 2010, 119, 1250-1256.	8.2	29
85	Aberrant Water Homeostasis Detected by Stable Isotope Analysis. <i>PLoS ONE</i> , 2010, 5, e11699.	2.5	34
86	High-temperature environments of human evolution in East Africa based on bond ordering in paleosol carbonates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11245-11249.	7.1	363
87	Comment on the Paleoenvironment of <i>Ardipithecus ramidus</i> . <i>Science</i> , 2010, 328, 1105-1105.	12.6	102
88	A Framework for the Incorporation of Isotopes and Isoscapes in Geospatial Forensic Investigations. , 2010, , 357-387.		53
89	Accuracy and precision of a laser-spectroscopy approach to the analysis of $\delta^{2}\text{H}$ and $\delta^{18}\text{O}$ in human urine. <i>Isotopes in Environmental and Health Studies</i> , 2010, 46, 476-483.	1.0	8
90	Composition, pre-eruptive zonation, and geochronologic significance of the ~4450ka Diamante Tuff, Andean Cordillera (34°S), Argentina. <i>Quaternary Geochronology</i> , 2010, 5, 591-601.	1.4	5

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91	Links between Purchase Location and Stable Isotope Ratios of Bottled Water, Soda, and Beer in the United States. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7311-7316.	5.2	41
92	Hydrogen and Oxygen Stable Isotope Ratios of Milk in the United States. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2358-2363.	5.2	79
93	Stable isotopes in fossil hominin tooth enamel suggest a fundamental dietary shift in the Pliocene. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3389-3396.	4.0	97
94	Stable Carbon and Oxygen Isotopes in East African Mammals: Modern and Fossil. , 2010, , 941-952.		14
95	History of Animals using Isotope Records (HAIR): A 6-year dietary history of one family of African elephants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8093-8100.	7.1	96
96	Extinction implications of a chenopod browse diet for a giant Pleistocene kangaroo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11646-11650.	7.1	97
97	American fast food isn't all corn-based. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, E8; author reply E9.	7.1	7
98	Cooperation and individuality among man-eating lions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19040-19043.	7.1	49
99	Dietary and physiological controls on the hydrogen and oxygen isotope ratios of hair from mid-20th century indigenous populations. <i>American Journal of Physical Anthropology</i> , 2009, 139, 494-504.	2.1	121
100	Using carbon isotopes to track dietary change in modern, historical, and ancient primates. <i>American Journal of Physical Anthropology</i> , 2009, 140, 661-670.	2.1	69
101	Evaluating uncertainty in the calculation of non-exchangeable hydrogen fractions within organic materials. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1275-1280.	1.5	59
102	Strengthened East Asian summer monsoons during a period of high-latitude warmth? Isotopic evidence from Mio-Pliocene fossil mammals and soil carbonates from northern China. <i>Earth and Planetary Science Letters</i> , 2009, 277, 443-452.	4.4	161
103	Establishing chronologies from isotopic profiles in serially collected animal tissues: An example using tail hairs from African elephants. <i>Chemical Geology</i> , 2009, 267, 3-11.	3.3	36
104	Isotopic composition of waters from Ethiopia and Kenya: Insights into moisture sources for eastern Africa. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	155
105	Turnover of oxygen and hydrogen isotopes in the body water, CO ₂ , hair, and enamel of a small mammal. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 19-35.	3.9	199
106	Variation of Hydrogen, Carbon, Nitrogen, and Oxygen Stable Isotope Ratios in an American Diet: Fast Food Meals. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4084-4091.	5.2	53
107	Ecological changes in Miocene mammalian record show impact of prolonged climatic forcing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12145-12149.	7.1	164
108	Hydrogen and oxygen isotope ratios in human hair are related to geography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2788-2793.	7.1	322

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109	Herbivore enamel carbon isotopic composition and the environmental context of Ardipithecus at Gona, Ethiopia. , 2008, , .		22
110	The Reaction Progress Variable and Isotope Turnover in Biological Systems. Journal of Nano Education (Print), 2007, , 163-171.	0.3	5
111	Ages and significance of glacial and mass movement deposits on the west side of Boulder Mountain, Utah, USA. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 252, 503-513.	2.3	11
112	Stable Isotopes and Human Water Resources: Signals of Change. Journal of Nano Education (Print), 2007, , 283-300.	0.3	4
113	Geography and Vintage Predicted by a Novel GIS Model of Wine $\delta^{18}O$. Journal of Agricultural and Food Chemistry, 2007, 55, 7075-7083.	5.2	71
114	Stable isotope ratios of tap water in the contiguous United States. Water Resources Research, 2007, 43, .	4.2	212
115	Temperature dependence of oxygen isotope acid fractionation for modern and fossil tooth enamels. Rapid Communications in Mass Spectrometry, 2007, 21, 2853-2859.	1.5	56
116	Diets of Kenyan elephants from stable isotopes and the origin of confiscated ivory in Kenya. African Journal of Ecology, 2007, 45, 614-623.	0.9	31
117	Timing of C4 grass expansion across sub-Saharan Africa. Journal of Human Evolution, 2007, 53, 549-559.	2.6	157
118	Determining biological tissue turnover using stable isotopes: the reaction progress variable. Oecologia, 2007, 151, 175-189.	2.0	145
119	The Reaction Progress Variable and Isotope Turnover in Biological Systems. , 2007, , 163-171.		4
120	Stable Isotopes and Human Water Resources. , 2007, , 285-V.		6
121	In situ stable isotope analysis ($\delta^{13}C$, $\delta^{18}O$) of very small teeth using laser ablation GC/IRMS. Chemical Geology, 2006, 235, 238-249.	3.3	62
122	Stable isotopes as one of nature's ecological recorders. Trends in Ecology and Evolution, 2006, 21, 408-414.	8.7	409
123	Dam Fun: A Scale-model Classroom Experiment for Teaching Basic Concepts in Hydrology and Sedimentary Geology. Journal of Geoscience Education, 2006, 54, 487-490.	1.4	5
124	Peak discharge of a Pleistocene lava-dam outburst flood in Grand Canyon, Arizona, USA. Quaternary Research, 2006, 65, 324-335.	1.7	31
125	Stable isotopes in elephant hair document migration patterns and diet changes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 371-373.	7.1	193
126	Isotopic Evidence for Dietary Variability in the Early Hominin Paranthropus robustus. Science, 2006, 314, 980-982.	12.6	206

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127	A stable isotope aridity index for terrestrial environments. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11201-11205.	7.1	354
128	Geomorphology and rates of landscape change in the Fremont River drainage, northwestern Colorado Plateau. , 2005, , 79-100.		4
129	A glacial chronology for the Fish Creek drainage of Boulder Mountain, Utah, USA. Quaternary Research, 2005, 64, 264-271.	1.7	23
130	Treatment methods for the determination of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ of hair keratin by continuous-flow isotope-ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 2371-2378.	1.5	145
131	Stable hydrogen and oxygen isotope ratios of bottled waters of the world. Rapid Communications in Mass Spectrometry, 2005, 19, 3442-3450.	1.5	96
132	Environmentally Driven Dietary Adaptations in African Mammals. , 2005, , 258-272.		19
133	Carbon isotope fractionation between diet, breath CO_2 , and bioapatite in different mammals. Journal of Archaeological Science, 2005, 32, 1459-1470.	2.4	484
134	Inverse methods for estimating primary input signals from time-averaged isotope profiles. Geochimica Et Cosmochimica Acta, 2005, 69, 4101-4116.	3.9	74
135	Cosmogenic ^3He exposure ages of Pleistocene debris flows and desert pavements in Capitol Reef National Park, Utah. Geomorphology, 2005, 67, 423-435.	2.6	32
136	Carbon starvation in glacial trees recovered from the La Brea tar pits, southern California. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 690-694.	7.1	86
137	STABLE ISOTOPE RATIOS ($\delta^{15}\text{N}$ AND $\delta^{13}\text{C}$) OF SYNTOPIC SHREWS (SOREX). Southwestern Naturalist, 2004, 49, 493-500.	0.1	10
138	Seasonal diet changes of the forest hog (<i>Hylochoerus meinertzhageni</i> Thomas) based on the carbon isotopic composition of hair. African Journal of Ecology, 2004, 42, 88-92.	0.9	33
139	Mars chronology: assessing techniques for quantifying surficial processes. Earth-Science Reviews, 2004, 67, 313-337.	9.1	37
140	Stable isotope ecology in the Ituri Forest. Oecologia, 2004, 138, 5-12.	2.0	290
141	Rancho La Brea stable isotope biogeochemistry and its implications for the palaeoecology of late Pleistocene, coastal southern California. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 205, 199-219.	2.3	154
142	Response to the comment by M. J. Kohn on "Tooth Enamel Mineralization in Ungulates: Implications for Recovering a Primary Isotopic Time-Series," by B. H. Passey and T. E. Cerling (2002). Geochimica Et Cosmochimica Acta, 2004, 68, 407-409.	3.9	14
143	Orphans' tales: seasonal dietary changes in elephants from Tsavo National Park, Kenya. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 206, 367-376.	2.3	50
144	Digestion and passage rates of grass hays by llamas, alpacas, goats, rabbits, and horses. Small Ruminant Research, 2003, 48, 149-154.	1.2	67

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145	An experimental study of carbon-isotope fractionation between diet, hair, and feces of mammalian herbivores. <i>Canadian Journal of Zoology</i> , 2003, 81, 871-876.	1.0	237
146	DIETS OF EAST AFRICAN BOVIDAE BASED ON STABLE ISOTOPE ANALYSIS. <i>Journal of Mammalogy</i> , 2003, 84, 456-470.	1.3	338
147	12.1. Stable Isotope Ecology of Northern Kenya, with Emphasis on the Turkana Basin. , 2003, , 583-604.		14
148	12.2. Isotope Paleoecology of the Nawata and Nachukui Formations at Lothagam, Turkana Basin, Kenya. , 2003, , 605-624.		37
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