

Fred J Longstaffe

List of Publications by Year in descending order

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Version: 2024-02-01

219
papers

7,062
citations

57719

44
h-index

88593

70
g-index

224
all docs

224
docs citations

224
times ranked

6728
citing authors

#	ARTICLE	IF	CITATIONS
1	A low-temperature, meteoric water-dominated origin for smectitic clay minerals in the Chicxulub impact crater upper peak ring, as inferred from their oxygen and hydrogen isotope compositions. <i>Chemical Geology</i> , 2022, 588, 120639.	1.4	5
2	Systematics of smectite hydrogen-isotope composition: Structural hydrogen versus adsorbed water. <i>Applied Clay Science</i> , 2022, 216, 106338.	2.6	9
3	Changes in sulfur cycling in a large lake during the Paleocene-Eocene Thermal Maximum and implications for lake deoxygenation. <i>Global and Planetary Change</i> , 2022, 208, 103716.	1.6	2
4	Using stable isotopes ($\delta^{13}C$, $\delta^{15}N$) to identify natal origins and larval host plant use by western bean cutworm, <i>Striacosta albicosta</i> (Lepidoptera: Noctuidae) captured in southern Ontario. <i>Ecological Entomology</i> , 2022, 47, 347-356.	1.1	2
5	Oxygen isotope fractionation of otoliths formed across the maximum thermal range for somatic growth of the American eel <i>Anguilla rostrata</i> . <i>Chemical Geology</i> , 2022, 591, 120706.	1.4	2
6	Isotopic and geochemical data from Barry Lake, Canada: A 900-year record of environmental change. <i>Data in Brief</i> , 2022, 41, 107880.	0.5	3
7	Relating wing morphology and immune function to patterns of partial and differential bat migration using stable isotopes. <i>Journal of Animal Ecology</i> , 2022, 91, 858-869.	1.3	11
8	Distinct chemical and stable isotope compositions of smectite formed during steaming of Clearwater Formation oil-sands from Cold Lake, Alberta. <i>Applied Clay Science</i> , 2022, 228, 106627.	2.6	2
9	THE TEMPLE OF QUETZALCOATL, TEOTIHUACAN: NEW DATA ON THE ORIGINS OF THE SACRIFICIAL VICTIMS. <i>Ancient Mesoamerica</i> , 2021, 32, 215-230.	0.2	4
10	Origin of the degassing pipes at the Ries impact structure and implications for impact-induced alteration on Mars and other planetary bodies. <i>Meteoritics and Planetary Science</i> , 2021, 56, 404-422.	0.7	4
11	A Hydrostratigraphic Framework for the Paleozoic Bedrock of Southern Ontario. <i>Geoscience Canada</i> , 2021, 48, 23-58.	0.3	5
12	Seasonal paleoecological records from antler collagen $\delta^{13}C$ and $\delta^{15}N$. <i>Paleobiology</i> , 2021, 47, 533-549.	1.3	2
13	Distributions of Arctic and Northwest Atlantic killer whales inferred from oxygen isotopes. <i>Scientific Reports</i> , 2021, 11, 6739.	1.6	1
14	Modern Sedimentation and Authigenic Mineral Formation in the Chew Bahir Basin, Southern Ethiopia: Implications for Interpretation of Late Quaternary Paleoclimate Records. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
15	New Perspectives on Migration into the Tlajinga District of Teotihuacan: A Dual-Isotope Approach. <i>Latin American Antiquity</i> , 2021, 32, 536-556.	0.3	6
16	Residential patterns of Mexica human sacrifices at Mexico-Tenochtitlan and Mexico-Tlatelolco: Evidence from phosphate oxygen isotopes. <i>Journal of Anthropological Archaeology</i> , 2021, 62, 101296.	0.7	9
17	Building Mexican isoscapes: Oxygen and hydrogen isotope data of meteoric water sampled across Mexico. <i>Data in Brief</i> , 2021, 36, 107084.	0.5	3
18	Dose-Response Oxidation of Ingested Phytoglycogen during Exercise in Endurance-Trained Men. <i>Journal of Nutrition</i> , 2021, 151, 2942-2948.	1.3	1

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19	A 900-year record of effective moisture in the Laurentian Great Lakes region. <i>Quaternary Science Reviews</i> , 2021, 270, 107174.	1.4	5
20	Climatic quantification and seasonality of the late MIS 3 in North China: A perspective from carbon and oxygen isotopes of fossil mammal teeth. <i>Quaternary Science Reviews</i> , 2021, 272, 107222.	1.4	2
21	An Integrated isotopic study of Early Intermediate Period camelid husbandry in the Santa Valley, PerÃ©. <i>Environmental Archaeology</i> , 2020, 25, 279-295.	0.6	13
22	Hydrothermal alteration associated with the Chicxulub impact crater upper peak-ring breccias. <i>Earth and Planetary Science Letters</i> , 2020, 547, 116425.	1.8	21
23	Evolution of woodcutting behaviour in Early Pliocene beaver driven by consumption of woody plants. <i>Scientific Reports</i> , 2020, 10, 13111.	1.6	4
24	Aztec diets at the residential site of San Cristobal Ecatepec through stable carbon and nitrogen isotope analysis of bone collagen. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	7
25	San JosÃ© 520: An Unusual Teotihuacan Settlement System. <i>Latin American Antiquity</i> , 2020, 31, 720-732.	0.3	2
26	Probing the hydrothermal system of the Chicxulub impact crater. <i>Science Advances</i> , 2020, 6, eaaz3053.	4.7	69
27	Large-scale stable isotope characterization of a Late Cretaceous dinosaur-dominated ecosystem. <i>Geology</i> , 2020, 48, 546-551.	2.0	20
28	Data supporting Maastrichtian paleoclimate variables applying a multi proxy approach to a paleosol profile, Arctic Alaska. <i>Data in Brief</i> , 2020, 29, 105191.	0.5	1
29	Oxygen Isotopes in Authigenic Clay Minerals: Toward Building a Reliable Salinity Proxy. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085576.	1.5	3
30	Nitrogen fertilisation influences low CO2 effects on plant performance. <i>Functional Plant Biology</i> , 2020, 47, 134.	1.1	5
31	Coupled Si and O isotope measurements of meteoritic material by laser fluorination isotope ratio mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2019, 54, 667-675.	0.7	2
32	Paleoclimate reconstruction of the Prince Creek Formation, Arctic Alaska, during Maastrichtian global warming. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 532, 109265.	1.0	8
33	Focus: Oxygen isotope microanalysis across incremental layers of human bone: Exploring archaeological reconstruction of short term mobility and seasonal climate change. <i>Journal of Archaeological Science</i> , 2019, 111, 105028.	1.2	11
34	Stable isotopes of clay minerals from autoclave tests of oil sands: Implications for clay formation during steaming of Alberta Clearwater oil sands. <i>Applied Geochemistry</i> , 2019, 104, 202-209.	1.4	7
35	Giant beaver palaeoecology inferred from stable isotopes. <i>Scientific Reports</i> , 2019, 9, 7179.	1.6	28
36	Reframing the mammoth steppe: Insights from analysis of isotopic niches. <i>Quaternary Science Reviews</i> , 2019, 215, 1-21.	1.4	33

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37	Tree-ring isotopes adjacent to Lake Superior reveal cold winter anomalies for the Great Lakes region of North America. <i>Scientific Reports</i> , 2019, 9, 4412.	1.6	12
38	Stable isotopic characterization of a coastal floodplain forest community: a case study for isotopic reconstruction of Mesozoic vertebrate assemblages. <i>Royal Society Open Science</i> , 2019, 6, 181210.	1.1	7
39	Fluid-present anatexis of Neoproterozoic tonalite and amphibolite in the Western Shandong Province. <i>Lithos</i> , 2019, 326-327, 110-124.	0.6	11
40	Plant sulfur isotopic compositions are altered by marine fertilizers. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 2989-2999.	0.7	16
41	An overview of anorthosite-bearing layered intrusions in the Archaean craton of southern West Greenland and the Superior Province of Canada: implications for Archaean tectonics and the origin of megacrystic plagioclase. <i>Geodinamica Acta</i> , 2018, 30, 84-99.	2.2	23
42	Stable Isotope Sourcing of Wool from Textiles at Pacatnamã. <i>Archaeometry</i> , 2018, 60, 612-627.	0.6	12
43	Petrology and geochemistry of the Tasse mantle xenoliths of the Canadian Cordillera: A record of Archean to Quaternary mantle growth, metasomatism, removal, and melting. <i>Tectonophysics</i> , 2018, 737, 1-26.	0.9	13
44	Isotopic anthropology of rural German medieval diet: intra- and inter-population variability. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1053-1065.	0.7	16
45	Petrogenetic and geodynamic origin of the Neoproterozoic Dorã Lake Complex, Abitibi subprovince, Superior Province, Canada. <i>International Journal of Earth Sciences</i> , 2018, 107, 811-843.	0.9	28
46	Response to the discussion on "Climatic cycles recorded in glacially influenced rhythmites of the Gowganda Formation, Huronian Supergroup", <i>Precambrian Research</i> , 286, 269-280. <i>Precambrian Research</i> , 2018, 316, 327.	1.2	0
47	Nitrogen isotopes suggest a change in nitrogen dynamics between the Late Pleistocene and modern time in Yukon, Canada. <i>PLoS ONE</i> , 2018, 13, e0192713.	1.1	15
48	QUANTITATIVE LACUSTRINE PALEOSALINITY AND PLEISTOCENE ORBITAL CONTROLS FROM CLAY MINERAL OXYGEN ISOTOPES: OLDUVAI GORGE, TANZANIA. , 2018, , .		0
49	Mineralogical and geochemical characterisation of warm-water, shallow-marine glaucony from the Tertiary of the London Basin. <i>Clay Minerals</i> , 2017, 52, 25-50.	0.2	24
50	EXAMINING CHRONOLOGICAL TRENDS IN ANCIENT MAYA DIET AT MINANHA, BELIZE, USING THE STABLE ISOTOPES OF CARBON AND NITROGEN. <i>Latin American Antiquity</i> , 2017, 28, 269-287.	0.3	4
51	New biotite and muscovite isotopic reference materials, USGS57 and USGS58, for $\delta^2\text{H}$ measurements "A replacement for NBS 30. <i>Chemical Geology</i> , 2017, 467, 89-99.	1.4	41
52	Origin of Graphite In the Southwestern Grenville Province. <i>Canadian Mineralogist</i> , 2017, 55, 1041-1055.	0.3	10
53	Nitrogen and carbon isotopic dynamics of subarctic soils and plants in southern Yukon Territory and its implications for paleoecological and paleodietary studies. <i>PLoS ONE</i> , 2017, 12, e0183016.	1.1	13
54	Within-wing isotopic ($\delta^2\text{H}$, $\delta^{13}\text{C}$, $\delta^{15}\text{N}$) variation of monarch butterflies: implications for studies of migratory origins and diet. <i>Animal Migration</i> , 2017, 4, .	1.1	6

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55	Microbially induced sedimentary structures in the Paleoproterozoic, upper Huronian Supergroup, Canada. <i>Precambrian Research</i> , 2016, 281, 155-165.	1.2	13
56	Taxonomy, location of origin and health status of proboscideans from Western Canada investigated using stable isotope analysis. <i>Journal of Quaternary Science</i> , 2016, 31, 126-142.	1.1	13
57	Dentine oxygen isotopes ($\delta^{18}\text{O}$) as a proxy for odontocete distributions and movements. <i>Ecology and Evolution</i> , 2016, 6, 4643-4653.	0.8	14
58	Assortative mating but no evidence of genetic divergence in a species characterized by a trophic polymorphism. <i>Journal of Evolutionary Biology</i> , 2016, 29, 633-644.	0.8	17
59	Agriculture causes nitrate fertilization of remote alpine lakes. <i>Nature Communications</i> , 2016, 7, 10571.	5.8	49
60	Maize provisioning of Ontario Late Woodland turkeys: Isotopic evidence of seasonal, cultural, spatial and temporal variation. <i>Journal of Archaeological Science: Reports</i> , 2016, 10, 596-606.	0.2	7
61	Climatic cycles recorded in glacially influenced rhythmites of the Gowganda Formation, Huronian Supergroup. <i>Precambrian Research</i> , 2016, 286, 269-280.	1.2	7
62	Proportions of convective and stratiform precipitation revealed in water isotope ratios. <i>Nature Geoscience</i> , 2016, 9, 624-629.	5.4	217
63	Early Horizon camelid management practices in the Nepeña Valley, north-central coast of Peru. <i>Environmental Archaeology</i> , 2016, 21, 230-245.	0.6	35
64	Sources and sinks of microplastics in Canadian Lake Ontario nearshore, tributary and beach sediments. <i>Marine Pollution Bulletin</i> , 2016, 110, 383-395.	2.3	486
65	A brief account of new petrographic and isotopic insights into the Hertfordshire and Buckinghamshire Puddingstones of SE England. <i>Proceedings of the Geologists Association</i> , 2016, 127, 327-336.	0.6	6
66	Limiting the impact of destructive analytical techniques through sequential microspatial sampling of the enamel from single teeth. <i>Journal of Archaeological Science: Reports</i> , 2016, 5, 537-541.	0.2	6
67	Oxygen-isotope variations in post-glacial Lake Ontario. <i>Quaternary Science Reviews</i> , 2016, 134, 39-50.	1.4	7
68	Formation of the Neoproterozoic Bad Vermilion Lake Anorthosite Complex and spatially associated granitic rocks at a convergent plate margin, Superior Province, Western Ontario, Canada. <i>Gondwana Research</i> , 2016, 33, 134-159.	3.0	19
69	STABLE ISOTOPE PALEOLIMNOLOGY OF BARRY LAKE, SOUTHEASTERN ONTARIO, CANADA SINCE AD ~1300. , 2016, , .		0
70	CARBON AND NITROGEN ISOTOPIC COMPOSITIONS IN UINTA MOUNTAIN (UTAH, USA) LAKE SEDIMENTS: POTENTIAL PROXIES OF ENVIRONMENTAL CHANGE. , 2016, , .		0
71	INSIGHTS INTO THE EFFECTS OF CLIMATE CHANGE AND ATMOSPHERIC DEPOSITION ON LAKES IN THE UINTA MOUNTAINS, UT USING A VARIETY OF PALEOLIMNOLOGICAL TECHNIQUES. , 2016, , .		0
72	Nitrogen pollution from lowlands reaches distant mountain lakes. , 2016, 02, .		0

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73	The Potential for Less Invasive Inference of Resource Use: Covariation in Stable Isotope Composition between Females and Their Eggs in Bluegill. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 283-291.	0.6	3
74	Solving the woolly mammoth conundrum: amino acid ^{15}N -enrichment suggests a distinct forage or habitat. <i>Scientific Reports</i> , 2015, 5, 9791.	1.6	51
75	THE NATURE AND ORIGIN OF AUTHIGENIC CHLORITE AND RELATED CEMENTS IN OLIGOCENE RESERVOIR SANDSTONES, TAPTI GAS FIELDS, SURAT DEPRESSION, OFFSHORE WESTERN INDIA. <i>Journal of Petroleum Geology</i> , 2015, 38, 383-409.	0.9	25
76	Foraging ecology of native pumpkinseed (<i>Lepomis gibbosus</i>) following the invasion of zebra mussels (<i>Dreissena polymorpha</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 983-990.	0.7	8
77	Integrating cortisol and isotopic analyses of archaeological hair: Elucidating juvenile ante-mortem stress and behaviour. <i>International Journal of Paleopathology</i> , 2015, 9, 28-37.	0.8	10
78	Ecomorphological patterns linking morphology and diet across three populations of pumpkinseed sunfish (<i>Lepomis gibbosus</i>). <i>Canadian Journal of Zoology</i> , 2015, 93, 289-297.	0.4	18
79	Systematic variation in the stable hydrogen isotope (^2H) composition of fur from summer populations of two species of temperate insectivorous bats. <i>Mammalian Biology</i> , 2015, 80, 278-284.	0.8	4
80	Paleoproductivity and organic matter sources in Late Quaternary Lake Ontario. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 13-23.	1.0	8
81	Origins of Prehispanic Camelid Wool Textiles from the North and Central Coasts of Peru Traced by Carbon and Nitrogen Isotopic Analyses. <i>Current Anthropology</i> , 2015, 56, 449-459.	0.8	49
82	Isotopic fingerprinting of groundwaters in southwestern Ontario: Applications to abandoned well remediation. <i>Applied Geochemistry</i> , 2015, 58, 1-13.	1.4	9
83	Integrating cortisol and isotopic analyses of archeological hair: Reconstructing individual experiences of health and stress. <i>American Journal of Physical Anthropology</i> , 2015, 156, 577-594.	2.1	34
84	Recent changes in production in oligotrophic Uinta Mountain lakes, Utah, identified using paleolimnology. <i>Limnology and Oceanography</i> , 2014, 59, 1987-2001.	1.6	34
85	Intraskeletal isotopic compositions (^{13}C , ^{15}N) of bone collagen: Nonpathological and pathological variation. <i>American Journal of Physical Anthropology</i> , 2014, 153, 598-604.	2.1	84
86	American mastodon extirpation in the Arctic and Subarctic predates human colonization and terminal Pleistocene climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18460-18465.	3.3	41
87	Residential histories of elites and sacrificial victims at Huacas de Moche, Peru, as reconstructed from oxygen isotopes. <i>Journal of Archaeological Science</i> , 2014, 42, 15-28.	1.2	41
88	Baseline data for Andean paleomobility research: a radiogenic strontium isotope study of modern Peruvian agricultural soils. <i>Archaeological and Anthropological Sciences</i> , 2014, 6, 205-219.	0.7	36
89	Large variation in nitrogen isotopic composition of a fertilized legume. <i>Journal of Archaeological Science</i> , 2014, 45, 72-79.	1.2	62
90	Small scale camelid husbandry on the north coast of Peru (VirÃ° Valley): Insight from stable isotope analysis. <i>Journal of Anthropological Archaeology</i> , 2014, 36, 110-129.	0.7	87

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91	Environmental change and seasonal behavior of mastodons in the Great Lakes region inferred from stable isotope analysis. <i>Quaternary Research</i> , 2014, 82, 366-377.	1.0	19
92	Investigating inherent differences in isotopic composition between human bone and enamel bioapatite: implications for reconstructing residential histories. <i>Journal of Archaeological Science</i> , 2014, 50, 97-107.	1.2	49
93	1.8 billion years of fluid-crust interaction: A zircon oxygen isotope record for the lower crust, western Churchill Province, Canadian Shield. <i>Lithos</i> , 2014, 192-195, 259-270.	0.6	1
94	A juvenile oceanic island arc origin for the Archean (ca. 2.97 Ga) Fiskefjället anorthosite complex, southwestern Greenland: Evidence from oxygen isotopes. <i>Earth and Planetary Science Letters</i> , 2014, 396, 252-266.	1.8	23
95	Human Dedicatory Burials from Altun Ha, Belize: Exploring Residential History Through Enamel Microwear and Tissue Isotopic Compositions. , 2014, , 169-192.		0
96	Exploring Geographic Origins at Cahuachi using Stable Isotopic Analysis of Archaeological Human Tissues and Modern Environmental Waters. <i>International Journal of Osteoarchaeology</i> , 2013, 23, 698-715.	0.6	29
97	Proboscideans and paleoenvironments of the Pleistocene Great Lakes: landscape, vegetation, and stable isotopes. <i>Quaternary Science Reviews</i> , 2013, 76, 102-113.	1.4	36
98	Moulting matters: the importance of understanding moulting cycles in bats when using fur for endogenous marker analysis. <i>Canadian Journal of Zoology</i> , 2013, 91, 533-544.	0.4	64
99	Dietary shifting in the Nasca Region as inferred from the carbon- and nitrogen-isotope compositions of archaeological hair and bone. <i>Journal of Archaeological Science</i> , 2013, 40, 129-139.	1.2	50
100	Abiogenic hydrocarbon isotopic signatures in granitic rocks: Identifying pathways of formation. <i>Lithos</i> , 2013, 182-183, 114-124.	0.6	26
101	Clay Mineralogy, Oxygen Isotope Geochemistry, and Water/Rock Ratio Estimates, Te Mihi Area, Wairakei Geothermal Field, New Zealand. <i>Clays and Clay Minerals</i> , 2013, 61, 204-217.	0.6	15
102	Effects of foraging and sexual selection on ecomorphology of a fish with alternative reproductive tactics. <i>Behavioral Ecology</i> , 2013, 24, 1339-1347.	1.0	6
103	AN ARCHAEOLOGY OF CERRO PORTEZUELO BIOARCHAEOLOGY: BURIAL ANALYSIS AND THE (RE)EXCAVATION OF CONTEXTS FROM A 1950s PROJECT. <i>Ancient Mesoamerica</i> , 2013, 24, 185-199.	0.2	4
104	Tracking Fluid Movement During Cyclic Steam Stimulation of Clearwater Formation Oil Sands Using Stable Isotope Variations of Clay Minerals. <i>Clays and Clay Minerals</i> , 2013, 61, 440-460.	0.6	9
105	Carbon and Nitrogen Isotopic Survey of Northern Peruvian Plants: Baselines for Paleodietary and Paleoecological Studies. <i>PLoS ONE</i> , 2013, 8, e53763.	1.1	106
106	The state of Lake Simcoe (Ontario, Canada): the effects of multiple stressors on phosphorus and oxygen dynamics. <i>Inland Waters</i> , 2013, 3, 51-74.	1.1	44
107	Clay assemblage and oxygen isotopic constraints on the weathering response to the Paleocene-Eocene thermal maximum, east coast of North America. <i>Geology</i> , 2012, 40, 591-594.	2.0	53
108	Extreme element mobility during transformation of Neoproterozoic (ca. 2.7 Ga) pillow basalts to a Paleoproterozoic (ca. 1.9 Ga) paleosol, Schreiber Beach, Ontario, Canada. <i>Chemical Geology</i> , 2012, 326-327, 145-173.	1.4	29

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109	Influence of seabird guano and camelid dung fertilization on the nitrogen isotopic composition of field-grown maize (<i>Zea mays</i>). <i>Journal of Archaeological Science</i> , 2012, 39, 3721-3740.	1.2	129
110	EXTREME FRACTIONATION AND DEFORMATION OF THE LEUCOGRANITE - PEGMATITE SUITE AT RED CROSS LAKE, MANITOBA, CANADA. II. PETROLOGY OF THE LEUCOGRANITES AND PEGMATITES. <i>Canadian Mineralogist</i> , 2012, 50, 1807-1822.	0.3	14
111	EXTREME FRACTIONATION AND DEFORMATION OF THE LEUCOGRANITE - PEGMATITE SUITE AT RED CROSS LAKE, MANITOBA, CANADA. I. GEOLOGICAL SETTING. <i>Canadian Mineralogist</i> , 2012, 50, 1793-1806.	0.3	10
112	Evidence of Latitudinal Migration in Tri-colored Bats, <i>Perimyotis subflavus</i> . <i>PLoS ONE</i> , 2012, 7, e31419.	1.1	42
113	Stable Isotope Biogeochemistry of Seabird Guano Fertilization: Results from Growth Chamber Studies with Maize (<i>Zea Mays</i>). <i>PLoS ONE</i> , 2012, 7, e33741.	1.1	53
114	Variations in the oxygen-isotope composition of ancient Lake Superior between 10,600 and 8,800Âcal BP. <i>Journal of Paleolimnology</i> , 2012, 47, 327-338.	0.8	5
115	The effects of phenotypic plasticity on photosynthetic performance in winter rye, winter wheat and <i>Brassica napus</i> . <i>Physiologia Plantarum</i> , 2012, 144, 169-188.	2.6	55
116	Mammoth tooth enamel growth rates inferred from stable isotope analysis and histology. <i>Quaternary Research</i> , 2012, 77, 424-432.	1.0	35
117	Inter-laboratory comparison of oxygen isotope compositions from biogenic silica. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7242-7256.	1.6	82
118	The palaeoproductivity of ancient Lake Superior. <i>Quaternary Science Reviews</i> , 2011, 30, 2988-3000.	1.4	14
119	Childhood Diet and Western Basin Tradition Foodways at the Krieger Site, Southwestern Ontario, Canada. <i>American Antiquity</i> , 2011, 76, 446-472.	0.6	15
120	Improving stable isotopic interpretations made from human hair through reduction of growth cycle error. <i>American Journal of Physical Anthropology</i> , 2011, 145, 125-136.	2.1	63
121	The chronostratigraphy of Holocene sediments from four Lake Superior sub-basins1Laboratory for Stable Isotope Science (LSIS) Contribution 264.. <i>Canadian Journal of Earth Sciences</i> , 2011, 48, 1581-1599.	0.6	7
122	Isotopic paleoecology of Clovis mammoths from Arizona. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17916-17920.	3.3	31
123	Stable and Radiogenic Isotopes in Biological Archaeology: Some Applications. , 2010, , 335-356.		19
124	The oxygen-isotope composition of chondrules and isolated forsterite and olivine grains from the Tagish Lake carbonaceous chondrite. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2484-2499.	1.6	30
125	Limitations on the climatic and ecological signals provided by the $\delta^{13}\text{C}$ values of phytoliths from a C4 North American prairie grass. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3041-3050.	1.6	22
126	Nursing, weaning, and tooth development in woolly mammoths from Old Crow, Yukon, Canada: Implications for Pleistocene extinctions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 298, 257-270.	1.0	50

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127	The effect of metabolic rate on stable carbon and nitrogen isotope compositions in deer mice, <i>Peromyscus maniculatus</i> . <i>Canadian Journal of Zoology</i> , 2010, 88, 36-42.	0.4	13
128	Isotopic Evidence for Diet at Chau Hiix, Belize: Testing Regional Models of Hierarchy and Heterarchy. <i>Latin American Antiquity</i> , 2009, 20, 15-36.	0.3	23
129	Maya Marine Subsistence: Isotopic Evidence from Marco Gonzalez and San Pedro, Belize. <i>Latin American Antiquity</i> , 2009, 20, 37-56.	0.3	23
130	Method-dependent variations in stable isotope results for structural carbonate in bone bioapatite. <i>Journal of Archaeological Science</i> , 2009, 36, 110-121.	1.2	48
131	Landscape bioarchaeology at Pacatnamu, Peru: inferring mobility from $\delta^{13}C$ and $\delta^{15}N$ values of hair. <i>Journal of Archaeological Science</i> , 2009, 36, 1527-1537.	1.2	70
132	Effects of heating on the carbon and oxygen-isotope compositions of structural carbonate in bioapatite from modern deer bone. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 142-150.	1.0	50
133	Investigating intra-bone isotopic variations in bioapatite using IR-laser ablation and micromilling: Implications for identifying diagenesis?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 190-199.	1.0	21
134	Carbon- and nitrogen-isotope tissueâ€ diet discrimination and turnover rates in deer mice, <i>Peromyscus maniculatus</i> . <i>Canadian Journal of Zoology</i> , 2008, 86, 685-691.	0.4	55
135	The late quaternary oxygen-isotope composition of Southern Lake Huron. <i>Aquatic Ecosystem Health and Management</i> , 2008, 11, 137-143.	0.3	6
136	RESIDENTIAL HISTORIES OF THE HUMAN SACRIFICES AT THE MOON PYRAMID, TEOTIHUACAN. <i>Ancient Mesoamerica</i> , 2007, 18, 159-172.	0.2	90
137	Burning and boiling of modern deer bone: Effects on crystallinity and oxygen isotope composition of bioapatite phosphate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 249, 90-102.	1.0	132
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