

Marilyn L Fogel

List of Publications by Year in descending order

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papers

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12303

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#	ARTICLE	IF	CITATIONS
1	Amino acid $\delta^{13}\text{C}$ fingerprints of nearshore marine autotrophs are consistent across broad spatiotemporal scales: An intercontinental isotopic dataset and likely biochemical drivers. <i>Functional Ecology</i> , 2022, 36, 1191-1203.	1.7	13
2	Physiology Drives Reworking of Amino Acid $\delta^2\text{H}$ and $\delta^{13}\text{C}$ in Butterfly Tissues. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	7
3	Compound-specific $\delta^2\text{H}$ analysis highlights the relationship between direct assimilation and de novo synthesis of amino acids from food and water in a terrestrial mammalian omnivore. <i>Oecologia</i> , 2020, 193, 827-842.	0.9	3
4	Dynamic river processes drive variability in particulate organic matter over fine spatiotemporal scales. <i>Freshwater Biology</i> , 2020, 65, 1569-1584.	1.2	4
5	Isotopic and genetic methods reveal the role of the gut microbiome in mammalian host essential amino acid metabolism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192995.	1.2	32
6	Stable isotope analyses of manatee bones measure historical nitrogen pollution in Florida waters, 1975–2010. <i>Marine Biology</i> , 2018, 165, 1.	0.7	3
7	Climate change promotes parasitism in a coral symbiosis. <i>ISME Journal</i> , 2018, 12, 921-930.	4.4	220
8	Wolfe Creek Crater: A continuous sediment fill in the Australian Arid Zone records changes in monsoon strength through the Late Quaternary. <i>Quaternary Science Reviews</i> , 2018, 199, 108-125.	1.4	10
9	Stable hydrogen isotope variability within and among plumage tracts ($\delta^2\text{HF}$) of a migratory wood warbler. <i>PLoS ONE</i> , 2018, 13, e0193486.	1.1	3
10	Biogeochemical probing of microbial communities in a basalt-hosted hot spring at Kverkfjall volcano, Iceland. <i>Geobiology</i> , 2018, 16, 507-521.	1.1	15
11	Assimilation and discrimination of hydrogen isotopes in a terrestrial mammal. <i>Oecologia</i> , 2018, 188, 381-393.	0.9	10
12	Assimilation and isotopic discrimination of hydrogen in tilapia: implications for studying animal diet with $\delta^2\text{H}$. <i>Ecosphere</i> , 2017, 8, e01616.	1.0	12
13	Alanine $\delta^{15}\text{N}$ trophic fractionation in heterotrophic protists. <i>Limnology and Oceanography</i> , 2017, 62, 2308-2322.	1.6	47
14	Trophic interactions and food web structure of a subantarctic marine food web in the Beagle Channel: Bahía Lapataia, Argentina. <i>Polar Biology</i> , 2017, 40, 807-821.	0.5	58
15	Post-wildfire Erosion in Mountainous Terrain Leads to Rapid and Major Redistribution of Soil Organic Carbon. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	27
16	Tracing the source of soil organic matter eroded from temperate forest catchments using carbon and nitrogen isotopes. <i>Chemical Geology</i> , 2016, 445, 172-184.	1.4	81
17	Hydrogen isotopes in individual amino acids reflect differentiated pools of hydrogen from food and water in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4648-53.	3.3	38
18	Calibrating $\delta^{18}\text{O}$ in <i>Dromaius novaehollandiae</i> (emu) eggshell calcite as a paleo-aridity proxy for the Quaternary of Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 193, 1-13.	1.6	13

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19	Disentangling the impacts of climate and human colonization on the flora and fauna of the Australian arid zone over the past 100 ka using stable isotopes in avian eggshell. <i>Quaternary Science Reviews</i> , 2016, 151, 27-57.	1.4	34
20	Human predation contributed to the extinction of the Australian megafaunal bird <i>Genyornis newtoni</i> 1447 ka. <i>Nature Communications</i> , 2016, 7, 10496.	5.8	51
21	Productivity links morphology, symbiont specificity and bleaching in the evolution of Caribbean octocoral symbioses. <i>ISME Journal</i> , 2015, 9, 2620-2629.	4.4	67
22	Variability in the routing of dietary proteins and lipids to consumer tissues influences tissue-specific isotopic discrimination. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1448-1456.	0.7	58
23	Amino Acid $\delta^{13}\text{C}$ Analysis Shows Flexibility in the Routing of Dietary Protein and Lipids to the Tissue of an Omnivore. <i>Integrative and Comparative Biology</i> , 2014, 54, 890-902.	0.9	83
24	Effects of Metabolism and Physiology on the Production of Okenone and Bacteriochlorophyll <i>a</i> in Purple Sulfur Bacteria. <i>Geomicrobiology Journal</i> , 2014, 31, 128-137.	1.0	10
25	Vibrissae growth rates and trophic discrimination factors in captive southern sea otters (<i>Enhydra</i>) Tj ETQq1 1 0.784314 rgBT /Overbor 0,6 34	0.6	34
26	Variable $\delta^2\text{D}$ values among major biochemicals in plants: Implications for environmental studies. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 117-127.	1.6	16
27	Environmental changes and the rise and fall of civilizations in the northern Horn of Africa: An approach combining $\delta^2\text{D}$ analyses of land-plant derived fatty acids with multiple proxies in soil. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 140-161.	1.6	12
28	The classification of CM and CR chondrites using bulk H, C and N abundances and isotopic compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 244-260.	1.6	211
29	Microbial community composition and endolith colonization at an <i>Ascp</i> rctic thermal spring are driven by calcite precipitation. <i>Environmental Microbiology Reports</i> , 2013, 5, 648-659.	1.0	14
30	Unique Meteorite from Early Amazonian Mars: Water-Rich Basaltic Breccia Northwest Africa 7034. <i>Science</i> , 2013, 339, 780-785.	6.0	340
31	Geochemistry and geobiology of a present-day serpentinization site in California: The Cedars. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 109, 222-240.	1.6	136
32	Molecular preservation and bulk isotopic signals of ancient rice from the Neolithic Tianluoshan site, lower Yangtze River valley, China. <i>Organic Geochemistry</i> , 2013, 63, 85-93.	0.9	7
33	Isotopic and geochemical investigation of two distinct Mars analog environments using evolved gas techniques in Svalbard, Norway. <i>Icarus</i> , 2013, 224, 297-308.	1.1	9
34	Warming alters routing of labile and slower-turnover carbon through distinct microbial groups in boreal forest organic soils. <i>Soil Biology and Biochemistry</i> , 2013, 60, 23-32.	4.2	52
35	Quality or quantity: is nutrient transfer driven more by symbiont identity and productivity than by symbiont abundance?. <i>ISME Journal</i> , 2013, 7, 1116-1125.	4.4	84
36	Nitrate competition in a coral symbiosis varies with temperature among <i>Symbiodinium</i> clades. <i>ISME Journal</i> , 2013, 7, 1248-1251.	4.4	131

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37	Ontogenetic diet shift in Commerson's dolphin (<i>Cephalorhynchus commersonii commersonii</i>) off Tierra del Fuego. <i>Polar Biology</i> , 2013, 36, 617-627.	0.5	51
38	Link between sewage-derived nitrogen pollution and coral disease severity in Guam. <i>Marine Pollution Bulletin</i> , 2013, 73, 57-63.	2.3	102
39	High phosphate availability as a possible cause for massive cyanobacterial production of oxygen in the Paleoproterozoic atmosphere. <i>Earth and Planetary Science Letters</i> , 2013, 362, 225-236.	1.8	50
40	An experimental exploration of the incorporation of hydrogen isotopes from dietary sources into avian tissues. <i>Journal of Experimental Biology</i> , 2012, 215, 1915-1922.	0.8	25
41	Nutritional stress and body condition in the Great Gray Owl (<i>Strix nebulosa</i>) during winter irruptive migrations. <i>Canadian Journal of Zoology</i> , 2012, 90, 787-797.	0.4	19
42	Microbial Nitrogen and Sulfur Cycles at the Gypsum Dunes of White Sands National Monument, New Mexico. <i>Geomicrobiology Journal</i> , 2012, 29, 733-751.	1.0	11
43	The origin of NO ₃ ⁻ and N ₂ in deep subsurface fracture water of South Africa. <i>Chemical Geology</i> , 2012, 294-295, 51-62.	1.4	33
44	Can amino acid carbon isotope ratios distinguish primary producers in a mangrove ecosystem?. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1541-1548.	0.7	38
45	A Reduced Organic Carbon Component in Martian Basalts. <i>Science</i> , 2012, 337, 212-215.	6.0	182
46	Long-term nitrogen and phosphorus fertilization effects on N ₂ fixation rates and <i>nifH</i> gene community patterns in mangrove sediments. <i>Marine Ecology</i> , 2012, 33, 117-127.	0.4	41
47	Insight into niche separation of Risso's dolphin (<i>Grampus griseus</i>) in the southwestern South Atlantic via $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values. <i>Marine Mammal Science</i> , 2012, 28, E503.	0.9	8
48	High-pressure tolerance in <i>Halobacterium salinarum</i> NRC-1 and other non-piezophilic prokaryotes. <i>Extremophiles</i> , 2012, 16, 355-361.	0.9	27
49	Solubility and solution mechanisms of "O" H volatiles in silicate melt with variable redox conditions and melt composition at upper mantle temperatures and pressures. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6183-6199.	1.6	63
50	Origin and Evolution of Prebiotic Organic Matter As Inferred from the Tagish Lake Meteorite. <i>Science</i> , 2011, 332, 1304-1307.	6.0	189
51	Contributions of direct incorporation from diet and microbial amino acids to protein synthesis in Nile tilapia. <i>Functional Ecology</i> , 2011, 25, 1051-1062.	1.7	105
52	Feeding ecology and evidence for amino acid synthesis in the periodical cicada (<i>Magicicada</i>). <i>Journal of Insect Physiology</i> , 2011, 57, 211-219.	0.9	15
53	A new method to reconstruct fish diet and movement patterns from $\delta^{13}\text{C}$ values in otolith amino acids. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1330-1340.	0.7	59
54	Quaternary record of aridity and mean annual precipitation based on $\delta^{15}\text{N}$ in ratite and dromornithid eggshells from Lake Eyre, Australia. <i>Oecologia</i> , 2011, 167, 1151-1162.	0.9	18

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55	Carbon isotope fractionation of amino acids in fish muscle reflects biosynthesis and isotopic routing from dietary protein. <i>Journal of Animal Ecology</i> , 2010, 79, 1132-1141.	1.3	178
56	Nitrogen and hydrogen isotope compositions and solubility in silicate melts in equilibrium with reduced (N+H)-bearing fluids at high pressure and temperature: Effects of melt structure. <i>American Mineralogist</i> , 2010, 95, 987-999.	0.9	67
57	Pleistocene to historic shifts in bald eagle diets on the Channel Islands, California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9246-9251.	3.3	33
58	Variation in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ diet- $\delta^{15}\text{N}$ trophic discrimination factors in a wild population of California sea otters. <i>Ecological Applications</i> , 2010, 20, 1744-1752.	1.8	87
59	Polybrominated Diphenyl Ether (PBDE) Levels in Peregrine Falcon (<i>Falco peregrinus</i>) Eggs from California Correlate with Diet and Human Population Density. <i>Environmental Science & Technology</i> , 2010, 44, 5248-5255.	4.6	50
60	Marine nutrient transport: anadromous fish migration linked to the freshwater amphipod <i>Gammarus fasciatus</i> . <i>Canadian Journal of Zoology</i> , 2010, 88, 546-552.	0.4	3
61	Deuterium enrichments in chondritic macromolecular material- Implications for the origin and evolution of organics, water and asteroids. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4417-4437.	1.6	188
62	Ancient graphite in the Eoarchean quartz-pyroxene rocks from Akilia in southern West Greenland I: Petrographic and spectroscopic characterization. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5862-5883.	1.6	55
63	Ancient graphite in the Eoarchean quartz-pyroxene rocks from Akilia in southern West Greenland II: Isotopic and chemical compositions and comparison with Paleoproterozoic banded iron formations. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5884-5905.	1.6	47
64	A molecular and isotopic study of the macromolecular organic matter of the ungrouped C2 WIS 91600 and its relationship to Tagish Lake and PCA 91008. <i>Meteoritics and Planetary Science</i> , 2010, 45, 1446-1460.	0.7	44
65	Stable isotopes evaluate exploitation of anthropogenic foods by the endangered San Joaquin kit fox (<i>Vulpes macrotis mutica</i>). <i>Journal of Mammalogy</i> , 2010, 91, 1313-1321.	0.6	86
66	Solution behavior of reduced COH volatiles in silicate melts at high pressure and temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 1696-1710.	1.6	74
67	High primary productivity and nitrogen cycling after the Paleoproterozoic phosphogenic event in the Aravalli Supergroup, India. <i>Precambrian Research</i> , 2009, 171, 37-56.	1.2	76
68	Using stable isotopes to investigate individual diet specialization in California sea otters (<i>Enhydra</i>)	1.3	262
69	Isoscapes to Address Large-Scale Earth Science Challenges. <i>Eos</i> , 2009, 90, 109-110.	0.1	45
70	Phosphate oxygen isotope analysis on microsamples of bioapatite: removal of organic contamination and minimization of sample size. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1807-1816.	0.7	36
71	Extraterrestrial nucleobases in the Murchison meteorite. <i>Earth and Planetary Science Letters</i> , 2008, 270, 130-136.	1.8	317
72	Reconstructing palaeoenvironment from $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values of soil organic matter: A calibration from arid and wetter elevation transects in Ethiopia. <i>Geoderma</i> , 2008, 147, 197-210.	2.3	24

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73	A multiproxy peat record of Holocene mangrove palaeoecology from Twin Cays, Belize. <i>Holocene</i> , 2007, 17, 1129-1139.	0.9	47
74	Stable carbon isotope biogeochemistry of monosaccharides in aquatic organisms and terrestrial plants. <i>Organic Geochemistry</i> , 2007, 38, 458-473.	0.9	55
75	The origin and evolution of chondrites recorded in the elemental and isotopic compositions of their macromolecular organic matter. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4380-4403.	1.6	487
76	Amino acid nitrogen isotopic fractionation patterns as indicators of heterotrophy in plankton, particulate, and dissolved organic matter. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4727-4744.	1.6	202
77	Indigenous amino acids in primitive CR meteorites. <i>Meteoritics and Planetary Science</i> , 2007, 42, 2125-2136.	0.7	138
78	Stable isotopic evidence for fossil food webs in Eocene Lake Messel. <i>Paleobiology</i> , 2007, 33, 590-609.	1.3	15
79	Devonian landscape heterogeneity recorded by a giant fungus. <i>Geology</i> , 2007, 35, 399.	2.0	76
80	Early evolution of atmospheric oxygen from multiple-sulfur and carbon isotope records of the 2.9 Ga Mozaan Group of the Pongola Supergroup, Southern Africa. <i>South African Journal of Geology</i> , 2006, 109, 97-108.	0.6	84
81	The amino acid and stable isotope biogeochemistry of elephant bird (<i>Aepyornis</i>) eggshells from southern Madagascar. <i>Quaternary Science Reviews</i> , 2006, 25, 2343-2356.	1.4	49
82	Examination of an Oligocene lacustrine ecosystem using C and N stable isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 230, 335-351.	1.0	18
83	Trophic relationships of juvenile blue crabs (<i>Callinectes sapidus</i>) in estuarine habitats. <i>Hydrobiologia</i> , 2006, 568, 379-390.	1.0	26
84	An Examination of the Carbon Isotope Effects Associated with Amino Acid Biosynthesis. <i>Astrobiology</i> , 2006, 6, 867-880.	1.5	87
85	Stable isotope characteristics across narrow savanna/woodland ecotones in Wolfe Creek Meteorite Crater, Western Australia. <i>Oecologia</i> , 2005, 145, 100-112.	0.9	19
86	Ecosystem Collapse in Pleistocene Australia and a Human Role in Megafaunal Extinction. <i>Science</i> , 2005, 309, 287-290.	6.0	392
87	Carbon isotope evidence for an abrupt reduction in grasses coincident with European settlement of Lake Eyre, South Australia. <i>Holocene</i> , 2005, 15, 888-896.	0.9	18
88	The Amino Acids Used in Reproduction by Butterflies: A Comparative Study of Dietary Sources Using Compound-Specific Stable Isotope Analysis. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 819-827.	0.6	81
89	Marine phosphate oxygen isotopes and organic matter remineralization in the oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13023-13028.	3.3	122
90	Molecular and compound-specific hydrogen isotope analyses of insoluble organic matter from different carbonaceous chondrite groups. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3711-3721.	1.6	43

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91	The problem of deep carbonâ€™An Archean paradox. <i>Precambrian Research</i> , 2005, 143, 1-22.	1.2	122
92	Making eggs from nectar: the role of life history and dietary carbon turnover in butterfly reproductive resource allocation. <i>Oikos</i> , 2004, 105, 279-291.	1.2	127
93	Quantitative paleotemperature estimates from $\delta^{18}O$ of chironomid head capsules preserved in arctic lake sediments. <i>Journal of Paleolimnology</i> , 2004, 31, 267-274.	0.8	104
94	Mangrove ecosystem dynamics and elemental cycling at Twin Cays, Belize, during the Holocene. <i>Journal of Quaternary Science</i> , 2004, 19, 703-711.	1.1	24
95	Amino acid carbon isotopic fractionation patterns in oceanic dissolved organic matter: an unaltered photoautotrophic source for dissolved organic nitrogen in the ocean?. <i>Marine Chemistry</i> , 2004, 92, 123-134.	0.9	81
96	Preparation of Ecological and Biochemical Samples for Isotope Analysis. , 2004, , 177-202.		18
97	Title is missing!. <i>Biogeochemistry</i> , 2003, 64, 25-52.	1.7	37
98	Title is missing!. <i>Hydrobiologia</i> , 2003, 499, 13-23.	1.0	67
99	Isotopic and molecular distributions of biochemicals from fresh and buried <i>Rhizophora</i> mangrove leavesâ€™. <i>Geochemical Transactions</i> , 2003, 4, 1.	1.8	34
100	Isotopic and molecular distributions of biochemicals from fresh and buried <i>Rhizophora</i> mangrove leaves Presented at the ACS Division of Geochemistry Symposium ?Stable isotope signatures for establishing paleoenvironmental change?, Orlando, April 2002.. <i>Geochemical Transactions</i> , 2003, 4, 38.	1.8	1
101	Pollen feeding in the butterfly <i>Heliconius charitonia</i> : isotopic evidence for essential amino acid transfer from pollen to eggs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2631-2636.	1.2	108
102	Carbon isotopic evidence for increased aridity in northwestern Australia through the Quaternary. <i>Quaternary Science Reviews</i> , 2003, 22, 629-643.	1.4	23
103	A taphonomic study of $\delta^{13}C$ and $\delta^{15}N$ values in <i>Rhizophora</i> mangrove leaves for a multi-proxy approach to mangrove palaeoecology. <i>Organic Geochemistry</i> , 2003, 34, 1259-1275.	0.9	51
104	Extending the limits of paleodietary studies of humans with compound specific carbon isotope analysis of amino acids. <i>Journal of Archaeological Science</i> , 2003, 30, 535-545.	1.2	131
105	Chemical Evidence for Cell Wall Lignification and the Evolution of Tracheids in Early Devonian Plants. <i>International Journal of Plant Sciences</i> , 2003, 164, 691-702.	0.6	69
106	Microbial Activity at Gigapascal Pressures. <i>Science</i> , 2002, 295, 1514-1516.	6.0	203
107	Renewable and nonrenewable resources: Amino acid turnover and allocation to reproduction in Lepidoptera. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4413-4418.	3.3	258
108	The destruction of paleoclimatic isotopic signals in Pleistocene carbonate soil nodules of Western Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 188, 249-273.	1.0	57

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109	Reworking of amino acid in marine sediments: Stable carbon isotopic composition of amino acids in sediments along the Washington coast. <i>Limnology and Oceanography</i> , 2001, 46, 14-23.	1.6	77
110	The elemental analyzer sample carousel: loading an autosampler made easy. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1957-1959.	0.7	10
111	The elemental analyzer sample carousel: loading an autosampler made easy. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 1957-1959.	0.7	1
112	Cycling of dissolved and particulate nitrogen and carbon in the Framvaren Fjord, Norway: stable isotopic variations. <i>Marine Chemistry</i> , 1999, 67, 161-180.	0.9	56
113	Transformation of plant biochemicals to geological macromolecules during early diagenesis. <i>Oecologia</i> , 1999, 120, 336-346.	0.9	104
114	A food web analysis of the juvenile blue crab, <i>Callinectes sapidus</i> , using stable isotopes in whole animals and individual amino acids. <i>Oecologia</i> , 1999, 120, 416-426.	0.9	236
115	Pleistocene Extinction of <i>Genyornis newtoni</i> : Human Impact on Australian Megafauna. <i>Science</i> , 1999, 283, 205-208.	6.0	352
116	Isotopic fractionation associated with biosynthesis of fatty acids by a marine bacterium under oxic and anoxic conditions. <i>Organic Geochemistry</i> , 1999, 30, 1571-1579.	0.9	117
117	Biological and isotopic changes in coastal waters induced by Hurricane Gordon. <i>Limnology and Oceanography</i> , 1999, 44, 1359-1369.	1.6	56
118	Rainfall stimulation of primary production in western Atlantic Ocean waters: roles of different nitrogen sources and co-limiting nutrients. <i>Marine Ecology - Progress Series</i> , 1999, 176, 205-214.	0.9	76
119	Stable isotopes in modern ostrich eggshell: a calibration for paleoenvironmental applications in semi-arid regions of southern Africa. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2451-2461.	1.6	99
120	Isotope-ratio-monitoring of O ₂ for microanalysis of ¹⁸ O/ ¹⁶ O and ¹⁷ O/ ¹⁶ O in geological materials. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 3087-3094.	1.6	32
121	Stable carbon isotope ratios of fatty acids in seagrass and redhead ducks. <i>Chemical Geology</i> , 1998, 152, 29-41.	1.4	41
122	The Effects of Sample Treatment and Diagenesis on the Isotopic Integrity of Carbonate in Biogenic Hydroxylapatite. <i>Journal of Archaeological Science</i> , 1997, 24, 417-429.	1.2	798
123	The determination of late Quaternary paleoenvironments at Equus Cave, South Africa, using stable isotopes and amino acid racemization in ostrich eggshell. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1997, 136, 121-137.	1.0	81
124	Biogeochemical record of ancient humans. <i>Organic Geochemistry</i> , 1997, 27, 275-287.	0.9	100
125	Isotopic fractionation of ammonium and nitrate during uptake by <i>Skeletonema costatum</i> : Implications for ¹⁵ N dynamics under bloom conditions. <i>Limnology and Oceanography</i> , 1996, 41, 451-459.	1.6	196
126	Trophic Structure and Climatic Information From Isotopic Signatures in Pleistocene Cave Fauna of Southern England. <i>Journal of Archaeological Science</i> , 1995, 22, 327-340.	1.2	133

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127	Oxygen isotope analyses of chemically and microbially produced manganese oxides and manganates. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4409-4425.	1.6	63
128	Isotopic Tracking of Change in Diet and Habitat Use in African Elephants. <i>Science</i> , 1995, 267, 1340-1343.	6.0	208
129	Subsistence in the Florida Archaic: The Stable-Isotope and Archaeobotanical Evidence from the Windover Site. <i>American Antiquity</i> , 1994, 59, 288-303.	0.6	54
130	Isotope fractionation during ammonium uptake by marine microbial assemblages. <i>Geomicrobiology Journal</i> , 1994, 12, 113-127.	1.0	53
131	Isotopic tracers of nitrogen from atmospheric deposition to coastal waters. <i>Chemical Geology</i> , 1993, 107, 233-236.	1.4	21
132	Paleoecological reconstructions in southern Egypt based on the stable carbon and nitrogen isotopes in the organic fraction and stable carbon isotopes in individual amino acids of fossil ostrich eggshell. <i>Chemical Geology</i> , 1993, 107, 493-497.	1.4	19
133	Photosynthetic Fractionation of the Stable Isotopes of Oxygen and Carbon. <i>Plant Physiology</i> , 1993, 101, 37-47.	2.3	401
134	Isotope Fractionation during Primary Production. <i>Topics in Geobiology</i> , 1993, , 73-98.	0.6	252
135	Isotope fractionation associated with ammonium uptake by a marine bacterium. <i>Limnology and Oceanography</i> , 1992, 37, 1447-1459.	1.6	194
136	Nitrogen-isotope compositions of metasedimentary rocks in the Catalina Schist, California: Implications for metamorphic devolatilization history. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 2839-2849.	1.6	320
137	The isotopic composition of carbon and nitrogen in individual amino acids isolated from modern and fossil proteins. <i>Journal of Archaeological Science</i> , 1991, 18, 277-292.	1.2	454
138	Isotopic fractionation of dissolved ammonium at the oxygen-hydrogen sulfide interface in anoxic waters. <i>Geophysical Research Letters</i> , 1991, 18, 649-652.	1.5	34
139	Diagenesis of belowground biomass of <i>Spartina alterniflora</i> in salt-marsh sediments. <i>Limnology and Oceanography</i> , 1991, 36, 1358-1374.	1.6	206
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143	Diagenesis of organic matter in Georgia salt marshes. <i>Estuarine, Coastal and Shelf Science</i> , 1989, 28, 211-230.	0.9	81
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145	Stable carbon and nitrogen isotope biogeochemistry in the Delaware estuary. <i>Limnology and Oceanography</i> , 1988, 33, 1102-1115.	1.6	408
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147	Depletion of ¹³ C in lignin and its implications for stable carbon isotope studies. <i>Nature</i> , 1987, 329, 708-710.	13.7	936
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