

Carbon and nitrogen stable isotopes in fast food: Signat

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Reply to Chesson <i>et al.</i> : Carbon stable isotopes in beef differ distinctly between corporations. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, .	7.1	3
2	American fast food isn't all corn-based. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E8; author reply E9.	7.1	7
3	Artificial Selection and Domestication: Modern Lessons from Darwin's Enduring Analogy. Evolution: Education and Outreach, 2009, 2, 5-27.	0.8	55
4	Today's Food System: How Healthy Is It?. Journal of Hunger and Environmental Nutrition, 2009, 4, 251-281.	1.9	38
5	THE OMNIVORE'S DILEMMA The Evolution of the Brain and the Determinants of Food Choice. Journal of Anthropological Research, 2010, 66, 161-186.	0.1	14
6	Evaluation of a Novel Isotope Biomarker for Dietary Consumption of Sweets. American Journal of Epidemiology, 2010, 172, 1045-1052.	3.4	39
7	Corn content of French fry oil from national chain vs. small business restaurants. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2099-2101.	7.1	17
8	Polybrominated Diphenyl Ether (PBDE) Levels in Peregrine Falcon (<i>Falco peregrinus</i>) Eggs from California Correlate with Diet and Human Population Density. Environmental Science & Technology, 2010, 44, 5248-5255.	10.0	50
9	Energy Efficiency of Conventional, Organic, and Alternative Cropping Systems for Food and Fuel at a Site in the U.S. Midwest. Environmental Science & Technology, 2010, 44, 4006-4011.	10.0	84
10	Stable isotopes evaluate exploitation of anthropogenic foods by the endangered San Joaquin kit fox (<i>Vulpes macrotis mutica</i>). Journal of Mammalogy, 2010, 91, 1313-1321.	1.3	86
11	Evaluating gull diets: a comparison of conventional methods and stable isotope analysis. Journal of Field Ornithology, 2011, 82, 297-310.	0.5	32
12	Association of $\delta^{13}C$ in Fingerstick Blood with Added-Sugar and Sugar-Sweetened Beverage Intake. Journal of the American Dietetic Association, 2011, 111, 874-878.	1.1	41
13	Spatial distributions of carbon, nitrogen and sulfur isotope ratios in human hair across the central United States. Rapid Communications in Mass Spectrometry, 2011, 25, 861-868.	1.5	81
14	Stable Nitrogen and Carbon Isotope Ratios Indicate Traditional and Market Food Intake in an Indigenous Circumpolar Population. Journal of Nutrition, 2012, 142, 84-90.	2.9	63
15	Flexible strategic framework for managing forces of continuity and change in supply chain management of fast food (quick service restaurant) industry. International Journal of Business Continuity and Risk Management, 2012, 3, 148.	0.3	0
16	H, C, N and S stable isotopes and mineral profiles to objectively guarantee the authenticity of grated hard cheeses. Analytica Chimica Acta, 2012, 711, 54-59.	5.4	77
17	Light-Element Isotopes (H, C, N, and O) as Tracers of Human Diet: A Case Study on Fast Food Meals. Advances in Isotope Geochemistry, 2012, , 707-723.	1.4	4
18	Dietary Heterogeneity among Western Industrialized Countries Reflected in the Stable Isotope Ratios of Human Hair. PLoS ONE, 2012, 7, e34234.	2.5	74

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19	Is aging recorded in blood Cu and Zn isotope compositions?. <i>Metallomics</i> , 2013, 5, 1016-1024.	2.4	60
20	Combined usage of stable isotopes and GPS-based telemetry to understand the feeding ecology of an omnivorous bird, the Ring-billed Gull (<i>Larus delawarensis</i>). <i>Canadian Journal of Zoology</i> , 2013, 91, 689-697.	1.0	53
21	Carbon and Nitrogen Stable Isotope Ratios Predict Intake of Sweeteners in a Yup'ik Study Population. <i>Journal of Nutrition</i> , 2013, 143, 161-165.	2.9	45
22	The influence of market deregulation on fast food consumption and body mass index: a cross-national time series analysis. <i>Bulletin of the World Health Organization</i> , 2014, 92, 99-107A.	3.3	125
23	Serum carbon and nitrogen stable isotopes as potential biomarkers of dietary intake and their relation with incident type 2 diabetes: the EPIC-Norfolk study. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 708-718.	4.7	38
24	Effect of habitat use and diet on the gastrointestinal parasite community of an avian omnivore from an urbanized environment. <i>Canadian Journal of Zoology</i> , 2014, 92, 629-636.	1.0	21
25	Isotopic investigation of niche partitioning among native carnivores and the non-native coyote (<i>Canis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	15
26	Using exploratory factor analysis of FFQ data to identify dietary patterns among Yup'ik people. <i>Public Health Nutrition</i> , 2014, 17, 510-518.	2.2	15
27	Using stable isotopes to assess dietary changes of American black bears from 1980 to 2001. <i>Isotopes in Environmental and Health Studies</i> , 2014, 50, 382-398.	1.0	8
28	The potential for a carbon stable isotope biomarker of dietary sugar intake. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 795-816.	3.0	34
29	Greater consumption of protein-poor anthropogenic food by urban relative to rural coyotes increases diet breadth and potential for human-wildlife conflict. <i>Ecography</i> , 2015, 38, 1235-1242.	4.5	91
30	Individual variation in anthropogenic resource use in an urban carnivore. <i>Oecologia</i> , 2015, 178, 115-128.	2.0	128
31	Stable Isotope Ratios as Biomarkers of Diet for Health Research. <i>Annual Review of Nutrition</i> , 2015, 35, 565-594.	10.1	131
32	Stable isotopes reveal links between human food inputs and urban ant diets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142608.	2.6	60
33	Poor health is associated with use of anthropogenic resources in an urban carnivore. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150009.	2.6	76
34	Stable Isotopes Trace the Truth: From Adulterated Foods to Crime Scenes. <i>Elements</i> , 2015, 11, 259-264.	0.5	23
35	A Dual-Carbon-and-Nitrogen Stable Isotope Ratio Model Is Not Superior to a Single-Carbon Stable Isotope Ratio Model for Predicting Added Sugar Intake in Southwest Virginian Adults. <i>Journal of Nutrition</i> , 2015, 145, 1362-1369.	2.9	19
36	The application of sulphur isotope analyses in archaeological research: A review. <i>Earth-Science Reviews</i> , 2015, 142, 1-17.	9.1	240

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37	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
38	Changing gull diet in a changing world: A 150-year stable isotope ($\delta^{13}\text{C}$) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Global Change Biology</i> , 2015, 21, 1497-1507.	9.5	67
39	Evaluation of a novel biomarker of added sugar intake ($\delta^{13}\text{C}$) compared with self-reported added sugar intake and the Healthy Eating Index-2010 in a community-based, rural US sample. <i>Public Health Nutrition</i> , 2016, 19, 429-436.	2.2	21
40	Can heavy isotopes increase lifespan? Studies of relative abundance in various organisms reveal chemical perspectives on aging. <i>BioEssays</i> , 2016, 38, 1093-1101.	2.5	12
41	The contribution of human foods to honey bee diets in a mid-sized metropolis. <i>Journal of Urban Ecology</i> , 2016, 2, juw001.	1.5	9
42	The diet of black bears tracks the human footprint across a rapidly developing landscape. <i>Biological Conservation</i> , 2016, 200, 51-59.	4.1	27
43	The Use of Enriched and Natural Abundance Nitrogen and Carbon Isotopes in Soil Fertility Research. <i>Assa, Cssa and Sssa</i> , 2017, , 110-123.	0.6	2
44	Consumption of intentional food subsidies by a hunted carnivore. <i>Journal of Wildlife Management</i> , 2017, 81, 1161-1169.	1.8	17
45	Trophic structure in a rapidly urbanizing planet. <i>Functional Ecology</i> , 2018, 32, 1718-1728.	3.6	47
46	Carbon and nitrogen stable isotopes in U.S. milk: Insight into production process. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 561-566.	1.5	12
47	Diversity of management strategies in Mesoamerican turkeys: archaeological, isotopic and genetic evidence. <i>Royal Society Open Science</i> , 2018, 5, 171613.	2.4	20
48	Evaluation of childhood nutrition by dietary survey and stable isotope analyses of hair and breath. <i>American Journal of Human Biology</i> , 2018, 30, e23103.	1.6	13
49	The $\delta^{13}\text{C}$ Value of Fingerstick Blood Is a Valid, Reliable, and Sensitive Biomarker of Sugar-Sweetened Beverage Intake in Children and Adolescents. <i>Journal of Nutrition</i> , 2018, 148, 147-152.	2.9	12
50	From wetland specialist to hand-fed generalist: shifts in diet and condition with provisioning for a recently urbanized wading bird. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170100.	4.0	49
51	Free-ranging domestic cats (<i>Felis catus</i>) on public lands: estimating density, activity, and diet in the Florida Keys. <i>Biological Invasions</i> , 2018, 20, 333-344.	2.4	60
52	The broiler chicken as a signal of a human reconfigured biosphere. <i>Royal Society Open Science</i> , 2018, 5, 180325.	2.4	120
53	Meat provenance: Authentication of geographical origin and dietary background of meat. <i>Meat Science</i> , 2018, 144, 2-14.	5.5	64
54	Discrimination of the geographic origin of pork using multi-isotopes and statistical analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1843-1850.	1.5	13

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55	Traveling There and Back Again: A Fingernail's Tale. <i>Journal of Forensic Sciences</i> , 2019, 64, 69-76.	1.6	7
56	Resident and Nonresident Fingernail Isotopes Reveal Diet and Travel Patterns,. <i>Journal of Forensic Sciences</i> , 2019, 64, 77-87.	1.6	9
57	Using carbon and nitrogen stable isotope modelling to assess dietary mercury exposure for pregnant women in Baja California Sur, Mexico. <i>Chemosphere</i> , 2019, 234, 702-714.	8.2	4
58	Urbanization and elevated cholesterol in American Crows. <i>Condor</i> , 2019, 121, .	1.6	18
59	Field-deployable measurements of free-living individuals to determine energy balance: fuel substrate usage through $\delta^{13}\text{C}$ in breath CO_2 and diet through hair $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 70-79.	1.0	1
60	Food subsidies of raccoons (<i>Procyon lotor</i>) in anthropogenic landscapes. <i>Canadian Journal of Zoology</i> , 2019, 97, 654-657.	1.0	16
61	Associations of plasma, RBCs, and hair carbon and nitrogen isotope ratios with fish, meat, and sugar-sweetened beverage intake in a 12-wk inpatient feeding study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1306-1315.	4.7	25
62	An Integrated isotopic study of Early Intermediate Period camelid husbandry in the Santa Valley, Peru. <i>Environmental Archaeology</i> , 2020, 25, 279-295.	1.2	13
63	Bioaccumulation and biomagnification of PBDEs in a terrestrial food chain at an urban landfill. <i>Chemosphere</i> , 2020, 238, 124577.	8.2	36
64	Evidence for red fox (<i>Vulpes vulpes</i>) exploitation of anthropogenic food sources along an urbanization gradient using stable isotope analysis. <i>Canadian Journal of Zoology</i> , 2020, 98, 79-87.	1.0	9
65	Human disturbance increases trophic niche overlap in terrestrial carnivore communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26842-26848.	7.1	86
66	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
67	Assessing geographic controls of hair isotopic variability in human populations: A case-study in Canada. <i>PLoS ONE</i> , 2020, 15, e0237105.	2.5	15
68	Natural abundance carbon isotope ratio analysis and its application in the study of diet and metabolism. <i>Nutrition Reviews</i> , 2021, 79, 869-888.	5.8	11
69	The Carbon Isotope Ratios of Serum Amino Acids in Combination with Participant Characteristics can be Used to Estimate Added Sugar Intake in a Controlled Feeding Study of US Postmenopausal Women. <i>Journal of Nutrition</i> , 2020, 150, 2764-2771.	2.9	13
70	An altered microbiome in urban coyotes mediates relationships between anthropogenic diet and poor health. <i>Scientific Reports</i> , 2020, 10, 22207.	3.3	34
71	Latitudinal patterns in the diet of Andean condor (<i>Vultur gryphus</i>) in Chile: Contrasting environments influencing feeding behavior. <i>Science of the Total Environment</i> , 2020, 741, 140220.	8.0	21
72	Gut microbiome shifts with urbanization and potentially facilitates a zoonotic pathogen in a wading bird. <i>PLoS ONE</i> , 2020, 15, e0220926.	2.5	57

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74	Effects of urbanization on resource use and individual specialization in coyotes (<i>Canis latrans</i>) in southern California. <i>PLoS ONE</i> , 2020, 15, e0228881.	2.5	57
75	The Breath Carbon Isotope Ratio Reflects Short-term Added-Sugar Intake in a Dose-Response, Crossover Feeding Study of 12 Healthy Adults. <i>Journal of Nutrition</i> , 2021, 151, 628-635.	2.9	6
76	Stable Isotope Values Suggest Opossums (<i>Didelphis virginiana</i>) at the Northern Edge of their Range do not Seasonally Molt. <i>Northeastern Naturalist</i> , 2021, 28, .	0.3	2
77	The carbon isotope ratios of nonessential amino acids identify sugar-sweetened beverage (SSB) consumers in a 12-wk inpatient feeding study of 32 men with varying SSB and meat exposures. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1256-1264.	4.7	9
78	Breath $^{13}\text{CO}_2$ evidence for a noninvasive biomarker to measure added refined sugar uptake. <i>Journal of Applied Physiology</i> , 2021, 130, 1025-1032.	2.5	1
79	Isotope analysis reveals dietary overlap among sympatric canids. <i>Journal of Mammalogy</i> , 2021, 102, 1222-1234.	1.3	3
80	Maternal transfer and occurrence of siloxanes, chlorinated paraffins, metals, PFAS and legacy POPs in herring gulls (<i>Larus argentatus</i>) of different urban influence. <i>Environment International</i> , 2021, 152, 106478.	10.0	19
81	Site Fidelity is Associated with Food Provisioning and Salmonella in an Urban Wading Bird. <i>EcoHealth</i> , 2021, 18, 345-358.	2.0	6
82	Contributions of wild and provisioned foods to the diets of domestic cats that depredate wild animals. <i>Ecosphere</i> , 2021, 12, e03737.	2.2	2
83	Spatial variation in diet-microbe associations across populations of a generalist North American carnivore. <i>Journal of Animal Ecology</i> , 2020, 89, 1952-1960.	2.8	21
84	Chronic Exposure to the Herbicide, Atrazine, Causes Mitochondrial Dysfunction and Insulin Resistance. <i>PLoS ONE</i> , 2009, 4, e5186.	2.5	193
85	Characteristics of Paprika samples of different geographical origin. <i>Potravinarstvo</i> , 2018, 12, .	0.6	3
87	Assimilated diet patterns of American black bears in the Sierra Nevada and western Great Basin, Nevada, USA. <i>Ursus</i> , 2020, 2019, 40.	0.5	2
88	Inter-population differences in coyote diet and niche width along an urban-suburban-rural gradient. <i>Journal of Urban Ecology</i> , 2021, 7, .	1.5	10
89	Breath Stable Isotope Analysis Serves as a Non-invasive Analytical Tool to Demonstrate Dietary Changes in Adolescent Students Over Time. <i>Frontiers in Medicine</i> , 2021, 8, 697557.	2.6	0
90	Comparing little brown and big brown bat isotopic niches over the past century in an agriculturally dominated landscape. <i>Journal of Mammalogy</i> , 2022, 103, 1045-1057.	1.3	1
91	Human-provisioned foods reduce gut microbiome diversity in American black bears (<i>Ursus</i>)	1.3	6
92	Traceability of insects as feed: stable isotope ratio analysis of <i>Hermetia illucens</i> larvae and pre-pupae reared on different protein sources. <i>Journal of Insects As Food and Feed</i> , 2023, 9, 289-302.	3.9	0

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93	Effects of urbanization on the trophic niche of the brown anole, a widespread invasive lizard. <i>Food Webs</i> , 2022, 33, e00257.	1.2	3
94	Evaluating a Model of Added Sugar Intake Based on Amino Acid Carbon Isotope Ratios in a Controlled Feeding Study of U.S. Adults. <i>Nutrients</i> , 2022, 14, 4308.	4.1	0
95	Tooth wear and the apparent consumption of human foods among American black bears (<i>Ursus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.5	1
96	Historical Perspectives on Resource Use in Food Systems. <i>Maine Policy Review</i> , 2011, 20, .	0.1	2
97	Examination of amino acid hydrogen isotope measurements of scalp hair for regional origin studies. <i>Rapid Communications in Mass Spectrometry</i> , 2023, 37, .	1.5	1
98	Evaluating anthropogenic influence on a mesopredator: opossum (<i>Didelphis virginiana</i>) isotope values influenced by corn agriculture more than urbanization. <i>Canadian Journal of Zoology</i> , 2023, 101, 307-316.	1.0	2
99	Leaving more than footprints: Anthropogenic nutrient subsidies to a protected area. <i>Ecosphere</i> , 2022, 13, .	2.2	1
100	Paired stable carbon and oxygen isotope analyses of human enamel for forensic human geolocation: An exploratory study. <i>Journal of Forensic Sciences</i> , 2023, 68, 382-398.	1.6	0
101	An Experimental Study in Wild Wood Mice Testing Elemental and Isotope Analysis in Faeces to Determine Variations in Food Intake Amount. <i>Animals</i> , 2023, 13, 1176.	2.3	3
102	Effect of urbanization on individual condition of a threatened seabird: the Ologâ€™s Gull <i>Larus atlanticus</i> . <i>Urban Ecosystems</i> , 2023, 26, 411-424.	2.4	1
103	Periâ€™urban systems alter trophic niche size and overlap in sympatric coastal bird species. <i>Ecosphere</i> , 2023, 14, .	2.2	3
104	Trophic downgrading of an adaptable carnivore in an urbanising landscape. <i>Scientific Reports</i> , 2023, 13, .	3.3	3