

On the Use of Stable Isotopes in Trophic Ecology

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Terrestrial support of zebra mussels and the Hudson River food web: A multi-isotope, Bayesian analysis. <i>Limnology and Oceanography</i> , 2012, 57, 1802-1815.	1.6	45
3	Reporting Stable-Isotope Ratios in Ecology: Recommended Terminology, Guidelines and Best Practices. <i>Waterbirds</i> , 2012, 35, 324.	0.2	127
4	Reliance on prey-derived nitrogen by the carnivorous plant <i>Drosera rotundifolia</i> decreases with increasing nitrogen deposition. <i>New Phytologist</i> , 2012, 195, 182-188.	3.5	17
5	Stable isotopes and elasmobranchs: tissue types, methods, applications and assumptions. <i>Journal of Fish Biology</i> , 2012, 80, 1449-1484.	0.7	203
6	Stable isotope analysis reveals community-level variation in fish trophodynamics across a fringing coral reef. <i>Coral Reefs</i> , 2012, 31, 1029-1044.	0.9	69
7	Trophic Enrichment Factors for Blood Serum in the European Badger (<i>Meles meles</i>). <i>PLoS ONE</i> , 2012, 7, e53071.	1.1	5
8	Trace me if you can: the use of intrinsic biogeochemical markers in marine top predators. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 258-266.	1.9	182
9	Methodological uncertainty in resource mixing models for generalist fishes. <i>Oecologia</i> , 2012, 169, 1083-1093.	0.9	31
10	Reciprocal trophic niche shifts in native and invasive fish: salmonids and galaxiids in Patagonian lakes. <i>Freshwater Biology</i> , 2012, 57, 1769-1781.	1.2	47
11	Decomposing mangrove litter supports a microbial biofilm with potential nutritive value to penaeid shrimp post larvae. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 426-427, 28-38.	0.7	27
12	Identifying migrations in marine fishes through stable isotope analysis. <i>Journal of Fish Biology</i> , 2012, 81, 826-847.	0.7	131
13	Tissue turnover and stable isotope clocks to quantify resource shifts in anadromous rainbow trout. <i>Oecologia</i> , 2013, 172, 21-34.	0.9	119
14	Nitrogen Stable Isotopes in Primary Uptake Compartments Across Streams Differing in Nutrient Availability. <i>Environmental Science & Technology</i> , 2013, 47, 130830132045000.	4.6	14
15	Relative value of stomach contents, stable isotopes, and fatty acids as diet indicators for a dominant invertebrate predator (<i>Chionoecetes opilio</i>) in the northern Bering Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 449, 274-283.	0.7	20
16	Empirically Characterising Trophic Networks. <i>Advances in Ecological Research</i> , 2013, , 177-224.	1.4	133
17	Important impacts of tissue selection and lipid extraction on ecological parameters derived from stable isotope ratios. <i>Methods in Ecology and Evolution</i> , 2013, 4, 944-953.	2.2	26
18	Temporal and spatial variation in Hg accumulation in zebra mussels (<i>Dreissena polymorpha</i>): Possible influences of DOC and diet. <i>Ecotoxicology and Environmental Safety</i> , 2013, 91, 71-78.	2.9	4
19	Development of non-lethal sampling of carbon and nitrogen stable isotope ratios in salmonids: effects of lipid and inorganic components of fins. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 555-566.	0.5	22

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20	Elevated levels of $\delta^{15}\text{N}$ in riverine Painted Turtles (<i>Chrysemys picta</i>): trophic enrichment or anthropogenic input?. Canadian Journal of Zoology, 2013, 91, 899-905.	0.4	7
21	Diet of the Keyhole Limpet <i>Megathura crenulata</i> (Mollusca: Gastropoda) in Subtropical Rocky Reefs. Journal of Shellfish Research, 2013, 32, 297-303.	0.3	10
22	Stable isotope probing in the metagenomics era: A bridge towards improved bioremediation. Biotechnology Advances, 2013, 31, 154-165.	6.0	114
23	Substrate-dependent bacterivory by intertidal benthic copepods. Marine Biology, 2013, 160, 327-341.	0.7	13
24	Cross-validation of $\delta^{15}\text{N}$ and FishBase estimates of fish trophic position in a Mediterranean lagoon: The importance of the isotopic baseline. Estuarine, Coastal and Shelf Science, 2013, 135, 77-85.	0.9	59
25	Interactions between the short-tailed mouse (<i>Mus spretus</i>) and the wood mouse (<i>Apodemus</i>)	1.0	78
26	Niche segregation of coexisting Arctic charr (<i>Salvelinus alpinus</i>) and brown trout (<i>Salmo</i>)	0.4	16
27	A review of ecogeochemistry approaches to estimating movements of marine animals. Limnology and Oceanography, 2013, 58, 697-714.	1.6	309
28	Interactions between invading benthivorous fish and native whitefish in subarctic lakes. Freshwater Biology, 2013, 58, 1234-1250.	1.2	31
29	Addressing assumptions: variation in stable isotopes and fatty acids of marine macrophytes can confound conclusions of food web studies. Marine Ecology - Progress Series, 2013, 478, 1-14.	0.9	82
30	Shifts in $\delta^{15}\text{N}$ signature following the onset of exogenous feeding in rainbow trout (<i>Oncorhynchus mykiss</i>): importance of combining length and age data. Journal of Fish Biology, 2013, 82, 1423-1432.	0.7	4
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32	Cestodes change the isotopic signature of brine shrimp, <i>Artemia</i> , hosts: Implications for aquatic food webs. International Journal for Parasitology, 2013, 43, 73-80.	1.3	23
33	The isotopic composition and insect content of diet predict tissue isotopic values in a South American passerine assemblage. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 419-430.	0.7	6
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35	Simultaneous estimation of the nutritional contribution of fish meal, soy protein isolate and corn gluten to the growth of Pacific white shrimp (<i>Litopenaeus vannamei</i>) using dual stable isotope analysis. Aquaculture, 2013, 380-383, 33-40.	1.7	47
36	Trophic structure of the spider community of a Mediterranean citrus grove: A stable isotope analysis. Basic and Applied Ecology, 2013, 14, 413-422.	1.2	21
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38	Effect of nutritional condition on variation in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ stable isotope values in Pumpkinseed sunfish (<i>Lepomis gibbosus</i>) fed different diets. <i>Environmental Biology of Fishes</i> , 2013, 96, 543-554.	0.4	10
39	Slow Isotope Turnover Rates and Low Discrimination Values in the American Alligator: Implications for Interpretation of Ectotherm Stable Isotope Data. <i>Physiological and Biochemical Zoology</i> , 2013, 86, 137-148.	0.6	54
40	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
41	Comparison of isotopic variability in proteinaceous tissues of a domesticated herbivore: a baseline for zooarchaeological investigation. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2601-2615.	0.7	13
42	Lipid-rich zooplankton subsidise the winter diet of benthivorous Arctic charr (<i>Salvelinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582	1.2	35
43	Can Reduced Provision of Manufactured Feed Improve Fish Production Efficiency in Ponds?. <i>North American Journal of Aquaculture</i> , 2013, 75, 64-76.	0.7	5
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45	- Age and Age Estimation in Sea Turtles. , 2013, , 116-153.		36
46	Sample acidification effects on carbon and nitrogen stable isotope ratios of macrofauna from a <i>Zostera noltii</i> bed. <i>Marine and Freshwater Research</i> , 2013, 64, 741.	0.7	27
47	Tracing Carbon Sources through Aquatic and Terrestrial Food Webs Using Amino Acid Stable Isotope Fingerprinting. <i>PLoS ONE</i> , 2013, 8, e73441.	1.1	203
48	Structural and functional responses of harpacticoid copepods to anoxia in the Northern Adriatic: an experimental approach. <i>Biogeosciences</i> , 2013, 10, 4259-4272.	1.3	41
49	Application of Nitrogen and Carbon Stable Isotopes ($\delta^{15}\text{N}$ and $\delta^{13}\text{C}$) to Quantify Food Chain Length and Trophic Structure. <i>PLoS ONE</i> , 2014, 9, e93281.	1.1	93
50	Stream carbon and nitrogen supplements during leaf litter decomposition: contrasting patterns for two foundation species. <i>Oecologia</i> , 2014, 176, 1111-1121.	0.9	45
51	Individuals' diet diversity influences gut microbial diversity in two freshwater fish (threespine) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 288	3.8	288
52	Do ecological niches differ between sexual and asexual lineages of an aphid species?. <i>Evolutionary Ecology</i> , 2014, 28, 1095-1104.	0.5	15
53	Isotopic invisibility of protozoan trophic steps in marine food webs. <i>Limnology and Oceanography</i> , 2014, 59, 1590-1598.	1.6	84
54	Niche segregation amongst sympatric species at exposed sandy shores with contrasting wrack availabilities illustrated by stable isotopic analysis. <i>Ecological Indicators</i> , 2014, 36, 694-702.	2.6	26
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57	Quantitative diet analysis of four mesopredators from a coral reef. <i>Journal of Fish Biology</i> , 2014, 84, 1031-1045.	0.7	14
58	Compound-specific $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ analysis of amino acids: a rapid, chloroformate-based method for ecological studies. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 96-108.	0.7	93
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61	Tracing site-specific isotopic signatures along a <i>Buteo</i> <i>tinnunculus</i> food chain. <i>Ibis</i> , 2014, 156, 165-175.	1.0	7
62	Stable isotope analyses reveal dense trophic species packing and clear niche differentiation in a malagasy primate community. <i>American Journal of Physical Anthropology</i> , 2014, 153, 249-259.	2.1	23
63	Intraguild predation in pioneer predator communities of alpine glacier forelands. <i>Molecular Ecology</i> , 2014, 23, 3744-3754.	2.0	60
64	Stable isotope ratios of carbon, nitrogen and oxygen in killer whales (<i>Orcinus orca</i>) stranded on the coast of Hokkaido, Japan. <i>Marine Pollution Bulletin</i> , 2014, 86, 238-243.	2.3	6
65	Comparison of methods for stable isotope ratio ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$, $\delta^2\text{H}$), <i>Tj ETQq0.0 0 rgBT/Overlock</i>	2.2	18
66	<i>Holothuria tubulosa</i> Gmelin 1791 (Holothuroidea, Echinodermata) enhances organic matter recycling in <i>Posidonia oceanica</i> meadows. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 226-232.	0.7	30
67	How picky can you be? Temporal variations in trophic niches of co-occurring suspension-feeding species. <i>Food Webs</i> , 2014, 1, 1-9.	0.5	38
68	Best practices for use of stable isotope mixing models in food-web studies. <i>Canadian Journal of Zoology</i> , 2014, 92, 823-835.	0.4	873
69	Defining fish community structure in Lake Winnipeg using stable isotopes ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$, $\delta^{34}\text{S}$): Implications for monitoring ecological responses and trophodynamics of mercury & other trace elements. <i>Science of the Total Environment</i> , 2014, 497-498, 239-249.	3.9	45
70	Individual diet has sex-dependent effects on vertebrate gut microbiota. <i>Nature Communications</i> , 2014, 5, 4500.	5.8	464
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74	The Use of Stable Isotopes Analysis in Wildlife Studies. , 2014, , 159-174.		0

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76	Stable isotopes dissect aquatic food webs from the top to the bottom. <i>Biogeosciences</i> , 2014, 11, 2357-2371.	1.3	177
77	Trophic diversification in the evolution of predatory marine gastropods of the family Terebridae as inferred from stable isotope data. <i>Marine Ecology - Progress Series</i> , 2014, 497, 143-156.	0.9	18
78	Chemical lipid extraction or mathematical isotope correction models: should mathematical models be widely applied to marine species?. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2013-2025.	0.7	9
79	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
80	Diet-dependent incorporation of biomarkers: implications for food web studies using stable isotope and fatty acid analyses with special application to chemosynthetic environments. <i>Marine Ecology</i> , 2015, 36, 1-17.	0.4	12
81	How are microbial and detrital sources partitioned among and within gastropods species at hydrothermal vents?. <i>Marine Ecology</i> , 2015, 36, 18-34.	0.4	6
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87	Macroalgal detritus and food-web subsidies along an Arctic fjord depth-gradient. <i>Frontiers in Marine Science</i> , 2015, 2, .	1.2	109
88	Stable Isotope Turnover and Half-Life in Animal Tissues: A Literature Synthesis. <i>PLoS ONE</i> , 2015, 10, e0116182.	1.1	412
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91	Small Tails Tell Tall Tales – Intra-Individual Variation in the Stable Isotope Values of Fish Fin. <i>PLoS ONE</i> , 2015, 10, e0145154.	1.1	27
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107	Spatial and Temporal Changes in Estuarine Food Web Structure: Differential Contributions of Marsh Grass Detritus. Estuaries and Coasts, 2015, 38, 367-382.	1.0	25
108	Estimating continuous body size-based shifts in $\delta^{15}\text{N}$ - $\delta^{13}\text{C}$ space using multivariate hierarchical models. Marine Biology, 2015, 162, 469-478.	0.7	3
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111	Stable Isotope Discrimination by Consumers in a Tropical Mangrove Food Web: How Important Are Variations in C/N Ratio?. <i>Estuaries and Coasts</i> , 2015, 38, 813-825.	1.0	17
112	Trophic ecology of sea urchins in coral-rocky reef systems, Ecuador. <i>PeerJ</i> , 2016, 4, e1578.	0.9	19
113	Isotopic variation among Amazonian floodplain woody plants and implications for food-web research. <i>Biota Neotropica</i> , 2016, 16, .	1.0	5
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121	Trace metal accumulation as complementary dietary information for the isotopic analysis of complex food webs. <i>Methods in Ecology and Evolution</i> , 2016, 7, 910-918.	2.2	13
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128	Trophic ecology of the blue shark (<i>Prionace glauca</i>) based on stable isotopes ($\delta^{13}\text{C}$) <i>Tj ETQq1 1 0.784314 rgBT /Cv</i> Kingdom, 2016, 96, 1403-1410.	0.4	28

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130	Temporal fluctuations in the trophic role of large benthic sulfur bacteria in mangrove sediment. <i>Food Webs</i> , 2016, 7, 20-28.	0.5	4
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132	The temporal scale of diet and dietary proxies. <i>Ecology and Evolution</i> , 2016, 6, 1883-1897.	0.8	117
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138	Trophic ecology of Atlantic seabob shrimp <i>Xiphopenaeus kroyeri</i> : Intertidal benthic microalgae support the subtidal food web off Suriname. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 146-157.	0.9	29
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140	Evidence for limited trophic transfer of allochthonous energy in temperate river food webs. <i>Freshwater Science</i> , 2016, 35, 544-558.	0.9	31
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142	Motive for Killing: What Drives Prey Choice in Wild Predators?. <i>Ethology</i> , 2016, 122, 703-711.	0.5	30
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158	Using multiple tracers and directly accounting for trophic modification improves dietary mixing model performance. <i>Ecosphere</i> , 2016, 7, e01440.	1.0	35
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