

Uncertainty in source partitioning using stable isotopes

Oecologia

127, 171-179

DOI: [10.1007/s004420000578](https://doi.org/10.1007/s004420000578)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal variation in respiration in a young ponderosa pine forest during a summer drought. <i>Agricultural and Forest Meteorology</i> , 2001, 110, 27-43.	1.9	174
2	Mixing models in analyses of diet using multiple stable isotopes: a critique. <i>Oecologia</i> , 2001, 127, 166-170.	0.9	385
3	ANALYSIS OF DIETS OF UPLAND BUZZARDS USING STABLE CARBON AND NITROGEN ISOTOPES. <i>Israel Journal of Zoology</i> , 2001, 50, 75-85.	0.2	11
4	STABLE ISOTOPE ANALYSIS FOR TRACING BIOSOLIDS-DERIVED N: AN EXAMPLE FROM CATTLE GRAZING BIOSOLIDS-AMENDED RANGE. <i>Proceedings of the Water Environment Federation</i> , 2002, 2002, 188-202.	0.0	0
5	Using bioenergetics models to predict stable isotope ratios in fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2002, 59, 115-124.	0.7	104
6	SPATIAL SCALES OF CARBON FLOW IN A RIVER FOOD WEB. <i>Ecology</i> , 2002, 83, 1845-1859.	1.5	181
7	Stable Isotopes in Plant Ecology. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002, 33, 507-559.	6.7	1,532
8	A basal aquatic-terrestrial trophic link in rivers: algal subsidies via shore-dwelling grasshoppers. <i>Oecologia</i> , 2002, 131, 261-268.	0.9	79
9	Extensive belowground carbon storage supports roots and mycorrhizae in regenerating scrub oaks. <i>Oecologia</i> , 2002, 131, 542-548.	0.9	75
10	Food web structure in riverine landscapes. <i>Freshwater Biology</i> , 2002, 47, 777-798.	1.2	205
11	Incorporating concentration dependence in stable isotope mixing models. <i>Oecologia</i> , 2002, 130, 114-125.	0.9	643
12	Sources of carbon and dietary habits of new Lessepsian entry <i>Brachidontes pharaonis</i> (Bivalvia). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.7	33
13	Source partitioning using stable isotopes: coping with too many sources. <i>Oecologia</i> , 2003, 136, 261-269.	0.9	1,670
14	Sources of variation in consumer-diet $\delta^{15}\text{N}$ enrichment: a meta-analysis. <i>Oecologia</i> , 2003, 136, 169-182.	0.9	1,305
15	Spatial analysis of stable isotope data to determine primary sources of nutrition for fish. <i>Oecologia</i> , 2003, 136, 499-507.	0.9	162
16	Trophic level isotopic enrichment of carbon and nitrogen in bone collagen: case studies from recent and ancient terrestrial ecosystems. <i>International Journal of Osteoarchaeology</i> , 2003, 13, 46-53.	0.6	702
17	Uncertainties in interpretation of isotope signals for estimation of fine root longevity: theoretical considerations. <i>Global Change Biology</i> , 2003, 9, 1118-1129.	4.2	39
18	Recent ecological and biogeochemical changes in alpine lakes of Rocky Mountain National Park (Colorado, USA): a response to anthropogenic nitrogen deposition. <i>Geobiology</i> , 2003, 1, 153-168.	1.1	175

#	ARTICLE	IF	CITATIONS
19	Sources of organic carbon supporting the food web of an arid zone floodplain river. <i>Freshwater Biology</i> , 2003, 48, 619-635.	1.2	257
20	Combined stable isotope and gut contents analysis of food webs in plant-dominated, shallow lakes. <i>Freshwater Biology</i> , 2003, 48, 1396-1407.	1.2	77
21	Effect of preparation and preservation procedures on carbon and nitrogen stable isotope determinations from zooplankton. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2605-2610.	0.7	146
22	Food Web Structure and Basal Resource Utilization along a Tropical Island Stream Continuum, Puerto Rico. <i>Biotropica</i> , 2003, 35, 84-93.	0.8	108
23	Vegetation dynamics in a <i>Quercus</i> – <i>Juniperus</i> savanna: An isotopic assessment. <i>Journal of Vegetation Science</i> , 2003, 14, 841-852.	1.1	29
24	Tillage effects on soil organic matter in density fractions of a Cerrado Oxisol. <i>Soil and Tillage Research</i> , 2003, 70, 107-119.	2.6	169
25	From Carnivore to Detritivore? Isotopic Evidence for Leaf Litter Utilization by the Tropical Pitcher Plant <i>Nepenthes ampullaria</i> . <i>International Journal of Plant Sciences</i> , 2003, 164, 635-639.	0.6	77
26	Expansion of <i>Juniperus virginiana</i> L. in the Great Plains: Changes in soil organic carbon dynamics. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	51
27	ARE GREATER SNOW GEESE CAPITAL BREEDERS? NEW EVIDENCE FROM A STABLE-ISOTOPE MODEL. <i>Ecology</i> , 2003, 84, 3250-3264.	1.5	161
28	Elevated atmospheric CO ₂ effects and soil water feedbacks on soil respiration components in a Colorado grassland. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	85
29	Application of eddy covariance measurements to the temperature dependence of soil organic matter mean residence time. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	93
30	Isotopic composition of carbon dioxide from a boreal forest fire: Inferring carbon loss from measurements and modeling. <i>Global Biogeochemical Cycles</i> , 2003, 17, 1-1-1-9.	1.9	101
31	Partitioning overstory and understory evapotranspiration in a semiarid savanna woodland from the isotopic composition of water vapor. <i>Agricultural and Forest Meteorology</i> , 2003, 119, 53-68.	1.9	214
32	Isotopic fractionation and turnover in captive Garden Warblers (<i>Sylvia borin</i>): implications for delineating dietary and migratory associations in wild passerines. <i>Canadian Journal of Zoology</i> , 2003, 81, 1630-1635.	0.4	137
33	Food Web Structure and Basal Resource Utilization along a Tropical Island Stream Continuum, Puerto Rico. <i>Biotropica</i> , 2003, 35, 84.	0.8	75
34	How important are columnar cacti as sources of water and nutrients for desert consumers? A review. <i>Isotopes in Environmental and Health Studies</i> , 2003, 39, 53-67.	0.5	64
35	Nutrient intake in the third instar larvae of <i>Anomala cuprea</i> and <i>Protaetia orientalis submarmorata</i> (Coleoptera: Scarabaeidae) from a mixture of cow dung and wood chips: Results from stable isotope analyses of nitrogen and carbon. <i>Applied Entomology and Zoology</i> , 2003, 38, 305-311.	0.6	8
36	Blood Isotopic ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) Turnover and Diet-Tissue Fractionation Factors in Captive Dunlin (<i>Calidris alpina pacifica</i>). <i>Auk</i> , 2004, 121, 170-177.	0.7	28

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37	RECONSTRUCTING PLANT ROOT AREA AND WATER UPTAKE PROFILES. <i>Ecology</i> , 2004, 85, 1967-1978.	1.5	87
38	Stable isotope analysis provides fresh insights into dietary separation between <i>Chironomus anthracinus</i> and <i>C. plumosus</i> . <i>Journal of the North American Benthological Society</i> , 2004, 23, 287-296.	3.0	39
39	EXPERIMENTAL EVIDENCE THAT BOTH PARTIES BENEFIT IN A FACULTATIVE PLANT-SPIDER MUTUALISM. <i>Ecology</i> , 2004, 85, 1642-1650.	1.5	36
40	Linking contaminant profiles to the diet and breeding location of American dippers using stable isotopes. <i>Journal of Applied Ecology</i> , 2004, 41, 502-512.	1.9	55
41	Stable Isotope Composition of Organic Compounds Transported in the Phloem of European Beech - Evaluation of Different Methods of Phloem Sap Collection and Assessment of Gradients in Carbon Isotope Composition during Leaf-to-Stem Transport. <i>Plant Biology</i> , 2004, 6, 721-729.	1.8	150
42	Stable Isotopes as a Tool for Nutrient Assimilation Studies in Larval Fish Feeding on Live Food. <i>Aquatic Ecology</i> , 2004, 38, 93-100.	0.7	30
43	The Utility of Carbon and Nitrogen Isotope Analyses to Trace Contributions from Fish Farms to the Receiving Communities of Freshwater Lakes: a Pilot Study in Esthwaite Water, UK. <i>Hydrobiologia</i> , 2004, 524, 253-262.	1.0	40
44	Carbon availability controls the growth of detritivores (Lumbricidae) and their effect on nitrogen mineralization. <i>Oecologia</i> , 2004, 138, 83-90.	0.9	114
45	Differential host use in two highly specialized ant-plant associations: evidence from stable isotopes. <i>Oecologia</i> , 2004, 138, 74-82.	0.9	19
46	Sulfur stable isotopes separate producers in marine food-web analysis. <i>Oecologia</i> , 2004, 138, 161-167.	0.9	179
47	Precipitation pulse size effects on Sonoran Desert soil microbial crusts. <i>Oecologia</i> , 2004, 141, 317-324.	0.9	118
48	Feedback interactions between needle litter decomposition and rhizosphere activity. <i>Oecologia</i> , 2004, 139, 551-559.	0.9	193
49	The effect of nitrogen loading on a brackish estuarine faunal community: A stable isotope approach. <i>Estuaries and Coasts</i> , 2004, 27, 460-471.	1.7	18
50	Stable carbon isotope ratios in lake and swamp sediments as a proxy for prehistoric forest clearance and crop cultivation in the Neotropics. <i>Journal of Paleolimnology</i> , 2004, 32, 375-381.	0.8	57
51	Feeding fish with diets of different ratios of C3- and C4-plant-derived ingredients: a laboratory analysis with implications for the back-calculation of diet from stable isotope data. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2087-2092.	0.7	18
52	Tissue and fixative dependent shifts of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ in preserved ecological material. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2587-2592.	0.7	115
53	Carbon and nitrogen stable isotopes as tracers of change in diet breadth during Middle and Upper Palaeolithic in Europe. <i>International Journal of Osteoarchaeology</i> , 2004, 14, 162-177.	0.6	141
54	Blood Isotopic ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) Turnover and Diet-Tissue Fractionation Factors in Captive Dunlin (<i>Calidris alpina pacifica</i>). <i>Auk</i> , 2004, 121, 170-177.	0.7	102

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55	MACROALGAL (FUCUS VESICULOSUS) $\delta^{15}\text{N}$ VALUES TRACE DECREASE IN SEWAGE INFLUENCE. , 2004, 14, 517-526.		154
56	BLOOD ISOTOPIC ($\delta^{13}\text{C}$ AND $\delta^{15}\text{N}$) TURNOVER AND DIET-TISSUE FRACTIONATION FACTORS IN CAPTIVE DUNLIN (CALIDRIS ALPINA PACIFICA). <i>Auk</i> , 2004, 121, 170.	0.7	137
57	Foodweb structure in a tropical Asian forest stream. <i>Journal of the North American Benthological Society</i> , 2004, 23, 728-755.	3.0	89
58	Conversion of grassy cerrado into riparian forest and its impact on soil organic matter dynamics in an Oxisol from southeast Brazil. <i>Geoderma</i> , 2004, 123, 305-317.	2.3	10
59	The effects of late Quaternary climate and pCO ₂ change on C ₄ plant abundance in the south-central United States. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 207, 331-357.	1.0	95
60	Selectivity of subtidal benthic invertebrate communities for local microalgal production in an estuarine mangrove ecosystem during the post-monsoon period. <i>Journal of Sea Research</i> , 2004, 51, 133-144.	0.6	42
61	Sealing, whaling and caribou: the skeletal isotope chemistry of Eastern Arctic foragers. <i>Journal of Archaeological Science</i> , 2004, 31, 39-57.	1.2	90
62	Dietary reconstruction of an early to middle Holocene human population from the central California coast: insights from advanced stable isotope mixing models. <i>Journal of Archaeological Science</i> , 2004, 31, 1101-1115.	1.2	129
63	Evapotranspiration components determined by stable isotope, sap flow and eddy covariance techniques. <i>Agricultural and Forest Meteorology</i> , 2004, 125, 241-258.	1.9	397
64	Relative importance of interlinked mangroves and seagrass beds as feeding habitats for juvenile reef fish on a Caribbean island. <i>Marine Ecology - Progress Series</i> , 2004, 274, 153-159.	0.9	109
65	The ^{13}C , ^{15}N and ^{34}S signatures of a rocky reef planktivorous fish indicate different coastal discharges of sewage. <i>Marine and Freshwater Research</i> , 2004, 55, 689.	0.7	32
66	Patterns and controls of lotic algal stable carbon isotope ratios. <i>Limnology and Oceanography</i> , 2004, 49, 850-861.	1.6	189
67	A STABLE ISOTOPE SIMULATOR THAT CAN BE COUPLED TO EXISTING MASS BALANCE MODELS. , 2005, 15, 1772-1782.		12
68	Reconciling Change in O ₃ Horizon Carbon ¹⁴ with Mass Loss for an Oak Forest. <i>Soil Science Society of America Journal</i> , 2005, 69, 1492-1502.	1.2	25
69	Measuring carbon isotope ratios of microphytobenthos using compound ¹³ C-specific stable isotope analysis of phytol. <i>Limnology and Oceanography: Methods</i> , 2005, 3, 511-519.	1.0	11
70	Stable isotopes, mesocosms and gut content analysis demonstrate trophic differences in two invasive decapod crustacea. <i>Freshwater Biology</i> , 2005, 50, 1323-1336.	1.2	94
71	Stable isotopes and gut content show diet overlap among native and introduced piscivores in a large oligotrophic lake. <i>Ecology of Freshwater Fish</i> , 2005, 14, 267-277.	0.7	63
72	Determination of the dietary habits of a Magdalenian woman from Saint-Germain-la-Rivi ^{re} in southwestern France using stable isotopes. <i>Journal of Human Evolution</i> , 2005, 49, 19-35.	1.3	55

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73	Isotopic evidence for diet and subsistence pattern of the Saint-Césaire I Neanderthal: review and use of a multi-source mixing model. <i>Journal of Human Evolution</i> , 2005, 49, 71-87.	1.3	242
74	$\delta^{15}\text{N}$ as a natural tracer of particulate nitrogen effluents released from marine aquaculture. <i>Marine Biology</i> , 2005, 148, 87-96.	0.7	37
75	Short-term variations in $\delta^{13}\text{C}$ of ecosystem respiration reveals link between assimilation and respiration in a deciduous forest. <i>Oecologia</i> , 2005, 142, 70-82.	0.9	130
76	Stable isotopes show food web changes after invasion by the predatory cladoceran <i>Cercopagis pengoi</i> in a Baltic Sea bay. <i>Oecologia</i> , 2005, 143, 251-259.	0.9	71
77	Combining sources in stable isotope mixing models: alternative methods. <i>Oecologia</i> , 2005, 144, 520-527.	0.9	697
78	Tracing Mississippi River influences in estuarine food webs of coastal Louisiana. <i>Oecologia</i> , 2005, 144, 659-672.	0.9	79
79	Summer water use by California coastal prairie grasses: fog, drought, and community composition. <i>Oecologia</i> , 2005, 145, 511-521.	0.9	119
80	Aquatic Terrestrial Linkages Along a Braided-River: Riparian Arthropods Feeding on Aquatic Insects. <i>Ecosystems</i> , 2005, 8, 748-759.	1.6	246
81	Use of Three Isotopes to Calibrate Human Bone Radiocarbon Determinations from Kainapirina (SAC), Watom Island, Papua New Guinea. <i>Radiocarbon</i> , 2005, 47, 181-192.	0.8	27
82	Stable Isotope Analysis Reveals That Agricultural Habitat Provides an Important Dietary Component for Nonbreeding Dunlin. <i>Avian Conservation and Ecology</i> , 2005, 1, .	0.3	20
83	Partitioning Ecosystem Respiration Using Stable Carbon Isotope Analyses of CO_2 . , 2005, , 125-153.		21
84	Evaluation of isotopic fractionation error on calculations of marine-derived nitrogen in terrestrial ecosystems. <i>Canadian Journal of Forest Research</i> , 2005, 35, 1604-1616.	0.8	9
85	Tracing the Influence of Sewage Nitrogen in a Coastal Ecosystem Using Stable Nitrogen Isotopes. <i>Ambio</i> , 2005, 34, 145-150.	2.8	116
86	Pleistocene to recent dietary shifts in California condors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16707-16711.	3.3	163
87	Compound-specific stable-isotope ($\delta^{13}\text{C}$) analysis in soil science. <i>Journal of Plant Nutrition and Soil Science</i> , 2005, 168, 633-648.	1.1	129
88	Effects of labile carbon addition on a headwater stream food web. <i>Limnology and Oceanography</i> , 2005, 50, 1300-1312.	1.6	41
89	What do harp seals eat? Comparing diet composition from different compartments of the digestive tract with diets estimated from stable-isotope ratios. <i>Canadian Journal of Zoology</i> , 2005, 83, 1365-1372.	0.4	28
90	Marine nitrogen in central Idaho riparian forests: evidence from stable isotopes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 518-526.	0.7	27

#	ARTICLE	IF	CITATIONS
91	Dynamics of transpiration and evaporation following a moisture pulse in semiarid grassland: A chamber-based isotope method for partitioning flux components. <i>Agricultural and Forest Meteorology</i> , 2005, 132, 359-376.	1.9	121
92	The lateral extent of the subsidy from an upland stream to riparian lycosid spiders. <i>Ecography</i> , 2005, 28, 165-170.	2.1	57
93	Isotopic Discrimination between Food and Blood and Feathers of Captive Penguins: Implications for Dietary Studies in the Wild. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 106-115.	0.6	231
94	Carbon, nitrogen, and sulfur diet-tissue discrimination in mouse tissues. <i>Canadian Journal of Zoology</i> , 2005, 83, 989-995.	0.4	76
95	Applications, Considerations, and Sources of Uncertainty When Using Stable Isotope Analysis in Ecotoxicology. <i>Environmental Science & Technology</i> , 2006, 40, 7501-7511.	4.6	308
96	Major components of grizzly bear diet across North America. <i>Canadian Journal of Zoology</i> , 2006, 84, 473-489.	0.4	202
97	Using Stable Isotopes To Reveal Shifts In Prey Consumption By Generalist Predators. , 2006, 16, 865-876.		76
98	Evidence for local specialization in a generalist mammalian herbivore, <i>Neotoma fuscipes</i> . <i>Oikos</i> , 2006, 113, 440-448.	1.2	38
99	Stable isotopes as an indicator of diet in omnivorous crayfish (<i>Pacifastacus leniusculus</i>): the influence of tissue, sample treatment, and season. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 821-831.	0.7	95
100	Food sources of two detritivore amphipods associated with the seagrass <i>Posidonia oceanica</i> leaf litter. <i>Marine Biology Research</i> , 2006, 2, 355-365.	0.3	50
101	TESTING ISOSOURCE: STABLE ISOTOPE ANALYSIS OF A TROPICAL FISHERY WITH DIVERSE ORGANIC MATTER SOURCES. <i>Ecology</i> , 2006, 87, 326-333.	1.5	113
102	INCORPORATION OF PLANT CARBON INTO THE SOIL ANIMAL FOOD WEB OF AN ARABLE SYSTEM. <i>Ecology</i> , 2006, 87, 235-245.	1.5	106
103	Stable isotope evidence for palaeodiets in southern Turkmenistan during Historical period and Iron Age. <i>Journal of Archaeological Science</i> , 2006, 33, 253-264.	1.2	41
104	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
105	Arthropod Food Web Restoration Following Removal Of An Invasive Wetland Plant. , 2006, 16, 622-631.		102
106	Crayfish in lakes and streams: individual and population responses to predation, productivity and substratum availability. <i>Freshwater Biology</i> , 2006, 51, 2096-2113.	1.2	63
107	Partitioning sources of soil-respired CO ₂ and their seasonal variation using a unique radiocarbon tracer. <i>Global Change Biology</i> , 2006, 12, 194-204.	4.2	90
108	Partitioning sources of soil respiration in boreal black spruce forest using radiocarbon. <i>Global Change Biology</i> , 2006, 12, 165-176.	4.2	139

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109	Changing sources of soil respiration with time since fire in a boreal forest. <i>Global Change Biology</i> , 2006, 12, 957-971.	4.2	134
110	Mycorrhizal mediation of plant N acquisition and residue decomposition: Impact of mineral N inputs. <i>Global Change Biology</i> , 2006, 12, 793-803.	4.2	78
111	Mycorrhizal Hyphal Turnover as a Dominant Process for Carbon Input into Soil Organic Matter. <i>Plant and Soil</i> , 2006, 281, 15-24.	1.8	345
112	The dependence of soil microbial activity on recent photosynthate from trees. <i>Plant and Soil</i> , 2006, 287, 85-94.	1.8	30
113	Effects of forest conversion into grassland on soil aggregate structure and carbon storage in Panama: evidence from soil carbon fractionation and stable isotopes. <i>Plant and Soil</i> , 2006, 288, 217-232.	1.8	89
114	Estimating the timing of diet shifts using stable isotopes. <i>Oecologia</i> , 2006, 147, 195-203.	0.9	185
115	Soil respiration in northern forests exposed to elevated atmospheric carbon dioxide and ozone. <i>Oecologia</i> , 2006, 148, 503-516.	0.9	46
116	Individual variation in feeding habitat use by adult female green sea turtles (<i>Chelonia mydas</i>): are they obligately neritic herbivores?. <i>Oecologia</i> , 2006, 149, 52-64.	0.9	140
117	Trophic strategies of garfish, <i>Arrhamphus sclerolepis</i> , in natural coastal wetlands and artificial urban waterways. <i>Marine Biology</i> , 2006, 148, 1135-1141.	0.7	26
118	Effects of past, present and future atmospheric CO ₂ concentrations on soil organic matter dynamics in a chaparral ecosystem. <i>Soil Biology and Biochemistry</i> , 2006, 38, 3235-3244.	4.2	20
119	Short-term C ₄ plant <i>Spartina alterniflora</i> invasions change the soil carbon in C ₃ plant-dominated tidal wetlands on a growing estuarine Island. <i>Soil Biology and Biochemistry</i> , 2006, 38, 3380-3386.	4.2	130
120	Site-specific methane production and subsequent midge mediation within Esthwaite Water, UK. <i>Archiv für Hydrobiologie</i> , 2006, 167, 317-334.	1.1	23
121	Metabolic protein replacement drives tissue turnover in adult mice. <i>Canadian Journal of Zoology</i> , 2006, 84, 992-1002.	0.4	24
122	Rapid food web recovery in response to removal of an introduced apex predator. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 569-575.	0.7	43
123	INTRODUCED TROUT SEVER TROPHIC CONNECTIONS IN WATERSHEDS: CONSEQUENCES FOR A DECLINING AMPHIBIAN. <i>Ecology</i> , 2007, 88, 2187-2198.	1.5	87
124	ISOTOPIC EVIDENCE FOR IN-LAKE PRODUCTION OF ACCUMULATING NITRATE IN LAKE SUPERIOR. <i>Ecological Applications</i> , 2007, 17, 2323-2332.	1.8	73
125	A standard protocol for stable isotope analysis of zooplankton in aquatic food web research using mass balance correction models. <i>Limnology and Oceanography</i> , 2007, 52, 2135-2146.	1.6	137
126	ISOTOPIC EVIDENCE FOR SOURCES OF NUTRIENTS ALLOCATED TO CLUTCH FORMATION BY HARLEQUIN DUCKS. <i>Condor</i> , 2007, 109, 698.	0.7	26

#	ARTICLE	IF	CITATIONS
127	MEASURING TERRESTRIAL SUBSIDIES TO AQUATIC FOOD WEBS USING STABLE ISOTOPES OF HYDROGEN. <i>Ecology</i> , 2007, 88, 1587-1592.	1.5	186
128	HAGFISH IN THE NEW ZEALAND FJORDS ARE SUPPORTED BY CHEMOAUTOTROPHY OF FOREST CARBON. <i>Ecology</i> , 2007, 88, 809-816.	1.5	67
129	Spatial distribution of deuterium in atmospheric water vapor: Diagnosing sources and the mixing of atmospheric moisture. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3162-3169.	1.6	28
130	Linking lithology and land use to sources of dissolved and particulate organic matter in headwaters of a temperate, passive-margin river system. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4233-4250.	1.6	61
131	Plant water sources in the cold semiarid ecosystem of the upper Kherlen River catchment in Mongolia: A stable isotope approach. <i>Journal of Hydrology</i> , 2007, 333, 109-117.	2.3	78
132	The Ulva connection: marine algae subsidize terrestrial predators in coastal Peru. <i>Oikos</i> , 2007, 116, 75-86.	1.2	46
133	Effect of lipid extraction on analyses of stable carbon and stable nitrogen isotopes in coastal organisms of the Aleutian archipelago. <i>Canadian Journal of Zoology</i> , 2007, 85, 40-48.	0.4	45
134	Effect of different ratios of wheat to corn flour in the diet on the development and isotopic composition ($\delta^{13}C$, $\delta^{15}N$) of the red flour beetle <i>Tribolium castaneum</i> . <i>Isotopes in Environmental and Health Studies</i> , 2007, 43, 143-154.	0.5	7
135	Consumption of two exotic zooplankton by alewife (<i>Alosa pseudoharengus</i>) and rainbow smelt (<i>Osmerus mordax</i>) in three Laurentian Great Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 1314-1328.	0.7	21
136	Variation in winter diet of southern Beaufort Sea polar bears inferred from stable isotope analysis. <i>Canadian Journal of Zoology</i> , 2007, 85, 596-608.	0.4	112
137	CLIMATIC/EDAPHIC CONTROLS ON SOIL CARBON/NITROGEN RESPONSE TO SHRUB ENCROACHMENT IN DESERT GRASSLAND. <i>Ecological Applications</i> , 2007, 17, 1911-1928.	1.8	70
138	Evaluating patterns of fog water deposition and isotopic composition on the California Channel Islands. <i>Water Resources Research</i> , 2007, 43, .	1.7	55
139	A niche for isotopic ecology. <i>Frontiers in Ecology and the Environment</i> , 2007, 5, 429-436.	1.9	607
140	Food web structure of a subtropical headwater stream. <i>Marine and Freshwater Research</i> , 2007, 58, 596.	0.7	18
141	Isotopic Evidence for Sources of Nutrients Allocated to Clutch Formation by Harlequin Ducks. <i>Condor</i> , 2007, 109, 698-704.	0.7	30
142	Carbon-isotopic composition of soil-respired carbon dioxide in static closed chambers at equilibrium. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1866-1870.	0.7	20
143	Digestion and Assimilation of the Free-living Nematode <i>Panagrellus redivivus</i> Fed to First Feeding Coregonid Larvae: Evidence from Histological and Isotopic Studies. <i>Journal of the World Aquaculture Society</i> , 2007, 36, 24-31.	1.2	26
144	Stable isotopic niche predicts fitness of prey in a wolf-deer system. <i>Biological Journal of the Linnean Society</i> , 2007, 90, 125-137.	0.7	53

#	ARTICLE	IF	CITATIONS
145	Diet reconstruction and historic population dynamics in a threatened seabird. <i>Journal of Applied Ecology</i> , 2007, 44, 875-884.	1.9	76
146	Basin geochemistry and isotopic ratios of fishes and basal production sources in four neotropical rivers. <i>Ecology of Freshwater Fish</i> , 2007, 16, 267-281.	0.7	54
147	Separation of soil respiration into CO ₂ emission sources using ¹³ C natural abundance in a deciduous broad-leaved forest in Japan. <i>Soil Science and Plant Nutrition</i> , 2007, 53, 328-336.	0.8	16
148	Competitive ability of selected <i>Cyclopia</i> Vent. rhizobia under glasshouse and field conditions. <i>Soil Biology and Biochemistry</i> , 2007, 39, 58-67.	4.2	16
149	Positive interactions of the smooth cordgrass <i>Spartina alterniflora</i> on the mud snail <i>Heleobia australis</i> , in South Western Atlantic salt marshes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 353, 180-190.	0.7	24
150	Stable isotopes of carbon and nitrogen in soil ecological studies. <i>Biology Bulletin</i> , 2007, 34, 395-407.	0.1	181
151	Contribution of allochthonous carbon to American shad production in the Mattaponi River, Virginia, using stable isotopes. <i>Estuaries and Coasts</i> , 2007, 30, 1034-1048.	1.0	28
152	POM in macro-/meiofaunal food webs associated with three flow regimes at deep-sea hydrothermal vents on Axial Volcano, Juan de Fuca Ridge. <i>Marine Biology</i> , 2007, 153, 129-139.	0.7	44
153	Relating body size to the role of aquatic subsidies for the riparian spider <i>Nephila clavata</i> . <i>Ecological Research</i> , 2007, 22, 831-836.	0.7	20
154	Parallel evolutionary paths to mycoheterotrophy in understory Ericaceae and Orchidaceae: ecological evidence for mixotrophy in Pyroleae. <i>Oecologia</i> , 2007, 151, 206-217.	0.9	163
155	Isotopic enrichment in a phloem-feeding insect: influences of nutrient and water availability. <i>Oecologia</i> , 2007, 151, 464-472.	0.9	28
156	Seasonal variations in moisture use in a piñon-juniper woodland. <i>Oecologia</i> , 2007, 153, 787-798.	0.9	136
157	Intraseasonal Variation in Water and Carbon Dioxide Flux Components in a Semiarid Riparian Woodland. <i>Ecosystems</i> , 2007, 10, 1100-1115.	1.6	63
158	Evidence of abalone (<i>Haliotis rubra</i>) diet from combined fatty acid and stable isotope analyses. <i>Marine Biology</i> , 2008, 153, 579-588.	0.7	43
159	Use of Multiple Chemical Tracers to Define Habitat Use of Indo-Pacific Mangrove Crab, <i>Scylla Serrata</i> (Decapoda: Portunidae). <i>Estuaries and Coasts</i> , 2008, 31, 371-381.	1.0	22
160	Identifying Source Soils in Contemporary Estuarine Sediments: A New Compound-Specific Isotope Method. <i>Estuaries and Coasts</i> , 2008, 31, 344-359.	1.0	115
161	Organic Matter Sources Supporting Lower Food Web Production in the Tidal Freshwater Portion of the York River Estuary, Virginia. <i>Estuaries and Coasts</i> , 2008, 31, 898-911.	1.0	60
162	The influence of productivity and width of littoral zone on the trophic position of a large-bodied omnivore. <i>Oecologia</i> , 2008, 156, 681-690.	0.9	23

#	ARTICLE	IF	CITATIONS
163	A comparison of carbon and nitrogen stable isotope ratios of fish tissues following lipid extractions with non-polar and traditional chloroform/methanol solvent systems. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1081-1086.	0.7	99
164	Should we use one- or multi-compartment models to describe ¹³ C incorporation into animal tissues?. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3008-3014.	0.7	77
165	Linking migratory patterns and diet to reproductive traits in female brown trout (<i>Salmo trutta</i>). <i>Journal of Animal Ecology</i> , 2008, 77, 107-115.	0.7	15
166	How many potential prey species account for the bulk of the diet of mammalian predators? Implications for stable isotope paleodietary analyses. <i>Journal of Zoology</i> , 2008, 275, 9-17.	0.8	6
167	Applications of stable isotope analyses to avian ecology. <i>Ibis</i> , 2008, 150, 447-461.	1.0	417
168	Incorporating uncertainty and prior information into stable isotope mixing models. <i>Ecology Letters</i> , 2008, 11, 470-480.	3.0	997
169	Coupling of canopy and understory food webs by ground-dwelling predators. <i>Ecology Letters</i> , 2008, 11, 1328-1337.	3.0	56
170	Northern map turtles (<i>Graptemys geographica</i>) derive energy from the pelagic pathway through predation on zebra mussels (<i>Dreissena polymorpha</i>). <i>Freshwater Biology</i> , 2008, 53, 497-508.	1.2	44
171	An elemental and stable isotope assessment of water strider feeding ecology and lipid dynamics: synthesis of laboratory and field studies. <i>Freshwater Biology</i> , 2008, 53, 2192-2205.	1.2	14
172	Discrimination factors ($\delta^{15}\text{N}$ and $\delta^{13}\text{C}$) in an omnivorous consumer: effect of diet isotopic ratio. <i>Functional Ecology</i> , 2008, 22, 255-263.	1.7	161
173	A non-native invasive grass increases soil carbon flux in a Hawaiian tropical dry forest. <i>Global Change Biology</i> , 2008, 14, 726-739.	4.2	40
174	Applications of stable isotope techniques to the ecology of mammals. <i>Mammal Review</i> , 2008, 38, 87-107.	2.2	216
175	Lipid corrections in carbon and nitrogen stable isotope analyses: comparison of chemical extraction and modelling methods. <i>Journal of Animal Ecology</i> , 2008, 77, 838-846.	1.3	594
176	Seagrass as the main food source of <i>Neaxius acanthus</i> (Thalassinidea: Strahlaxiidae), its burrow associates, and of <i>Corallianassa coutierei</i> (Thalassinidea: Callianassidae). <i>Estuarine, Coastal and Shelf Science</i> , 2008, 79, 620-630.	0.9	37
177	Redefining the trophic importance of seagrasses for fauna in tropical Indo-Pacific meadows. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 79, 653-660.	0.9	58
178	Role of mysid seasonal migrations in the organic matter transfer in the Curonian Lagoon, south-eastern Baltic Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 80, 225-234.	0.9	21
179	Evaluation of ecological network analysis: Validation of output. <i>Ecological Modelling</i> , 2008, 210, 327-338.	1.2	55
180	The feeding ecology of elaterid larvae in central European arable land: New perspectives based on naturally occurring stable isotopes. <i>Soil Biology and Biochemistry</i> , 2008, 40, 342-349.	4.2	69

#	ARTICLE	IF	CITATIONS
181	FOLIAR ABSORPTION OF INTERCEPTED RAINFALL IMPROVES WOODY PLANT WATER STATUS MOST DURING DROUGHT. <i>Ecology</i> , 2008, 89, 41-47.	1.5	165
182	BIOFILM GRAZING IN A HIGHER VERTEBRATE: THE WESTERN SANDPIPER, <i>Calidris mauri</i> . <i>Ecology</i> , 2008, 89, 599-606.	1.5	112
183	Soil respiration in perennial grass and shrub ecosystems: Linking environmental controls with plant and microbial sources on seasonal and diel timescales. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	97
184	Intersexual niche divergence in northern map turtles (<i>Graptemys geographica</i>): the roles of diet and habitat. <i>Canadian Journal of Zoology</i> , 2008, 86, 1235-1243.	0.4	37
185	Natural carbon stable isotope ratios as indicators of the relative contribution of live and inert diets to growth in larval Senegalese sole (<i>Solea senegalensis</i>). <i>Aquaculture</i> , 2008, 280, 190-197.	1.7	62
186	Organic matter exchange and cycling in mangrove ecosystems: Recent insights from stable isotope studies. <i>Journal of Sea Research</i> , 2008, 59, 44-58.	0.6	343
187	Retrospective quantification of estuarine feeding activity by coastally caught marine fishes. <i>Journal of Sea Research</i> , 2008, 60, 210-214.	0.6	6
188	Tracing the ecophysiology of ungulates and predator-prey relationships in an early Pleistocene large mammal community. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 95-111.	1.0	72
189	Stable isotope and fatty acid tracers in energy and nutrient studies of jellyfish: a review. , 2008, , 119-132.		4
190	Seasonal evolution of the isotopic composition of atmospheric water vapour above a tropical lake: Deuterium excess and implication for water recycling. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 4661-4674.	1.6	50
191	Influence of marine sources on ¹⁴ C ages: Isotopic data from Watom Island, Papua New Guinea inhumations and pig teeth in light of new dietary standards. <i>Journal of the Royal Society of New Zealand</i> , 2008, 38, 1-23.	1.0	56
192	Field assessment of symbiotic N ₂ fixation in wild and cultivated <i>Cyclopia</i> species in the South African fynbos by ¹⁵ N natural abundance. <i>Tree Physiology</i> , 2008, 29, 239-247.	1.4	27
193	Diet of the Mogollon Vole as Indicated by Stable-Isotope Analysis (¹³ C and ¹⁵ N). <i>Western North American Naturalist</i> , 2008, 68, 153-160.	0.2	4
194	Caution on isotopic model use for analyses of consumer diet. <i>Canadian Journal of Zoology</i> , 2008, 86, 438-445.	0.4	110
195	Temporal Change in the Density and Feeding Habits of a Terrestrial Red Mite, <i>Balaustium murorum</i> (Hermann), on a Building Roof. <i>Japanese Journal of Applied Entomology and Zoology</i> , 2008, 52, 87-93.	0.5	2
196	Trophic interactions in <i>Zostera marina</i> beds along the Swedish coast. <i>Marine Ecology - Progress Series</i> , 2008, 369, 63-76.	0.9	71
197	Mercury biomagnification in the food webs of acidic lakes in Kejimikujik National Park and National Historic Site, Nova Scotia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 1532-1545.	0.7	70
198	Assimilation of freshwater salmonid aquaculture waste by native aquatic biota This paper is part of the series "Forty Years of Aquatic Research at the Experimental Lakes Area". <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 1965-1975.	0.7	24

#	ARTICLE	IF	CITATIONS
199	Dietary Segregation of Pelagic and Littoral Fish Assemblages in a Highly Modified Tidal Freshwater Estuary. <i>Marine and Coastal Fisheries</i> , 2009, 1, 200-217.	0.6	28
200	Inferring host-parasite relationships using stable isotopes: implications for disease transmission and host specificity. <i>Ecology</i> , 2009, 90, 3268-3273.	1.5	21
201	Sources of Assimilated Protein in a Specialized Tropical Frugivorous Bird, the Yellow-throated Euphonia (<i>Euphonia hirundinacea</i>). <i>Auk</i> , 2009, 126, 175-180.	0.7	14
202	Tree shrew lavatories: a novel nitrogen sequestration strategy in a tropical pitcher plant. <i>Biology Letters</i> , 2009, 5, 632-635.	1.0	91
203	Isotopic turnover rate and fractionation in multiple tissues of red rock lobster (<i>Jasus edwardsii</i>) and blue cod (<i>Parapercis colias</i>): Consequences for ecological studies. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 370, 56-63.	0.7	69
204	Tissue-specific isotopic discrimination factors in gentoo penguin (<i>Pygoscelis papua</i>) egg components: Implications for dietary reconstruction using stable isotopes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 372, 106-112.	0.7	36
205	The diet composition of immature loggerheads: Insights on trophic niche, growth rates, and fisheries interactions. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 373, 50-57.	0.7	71
206	Diet and physiological responses of <i>Spondyliosoma cantharus</i> (Linnaeus, 1758) to the <i>Caulerpa racemosa</i> var. <i>cylindracea</i> invasion. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 380, 11-19.	0.7	33
207	Isotopic composition of bare soil evaporated water vapor. Part I: RUBIC IV experimental setup and results. <i>Journal of Hydrology</i> , 2009, 369, 1-16.	2.3	57
208	The stable isotope signature of methane emitted from plant material under UV irradiation. <i>Atmospheric Environment</i> , 2009, 43, 5637-5646.	1.9	65
209	Scramble or contest competition over food in solitarily foraging mouse lemurs (<i>Microcebus</i>)	2.1	40
210	Land-Ocean Coupling of Carbon and Nitrogen Fluxes on Sandy Beaches. <i>Ecosystems</i> , 2009, 12, 311-321.	1.6	65
211	Wetting and drying cycles drive variations in the stable carbon isotope ratio of respired carbon dioxide in semi-arid grassland. <i>Oecologia</i> , 2009, 160, 321-333.	0.9	27
212	Can export of organic matter from estuaries support zooplankton in nearshore, marine plumes?. <i>Aquatic Ecology</i> , 2009, 43, 383-393.	0.7	39
213	Symbiotic performance of selected <i>Cyclopia</i> Vent. (honeybush) rhizobia under nursery and field conditions. <i>Symbiosis</i> , 2009, 48, 143-153.	1.2	10
214	Stable isotope and fatty acid tracers in energy and nutrient studies of jellyfish: a review. <i>Hydrobiologia</i> , 2009, 616, 119-132.	1.0	62
215	Shifts in the trophic base of intermittent stream food webs. <i>Hydrobiologia</i> , 2009, 635, 263-277.	1.0	29
216	Root exclusion through trenching does not affect the isotopic composition of soil CO ₂ efflux. <i>Plant and Soil</i> , 2009, 319, 1-13.	1.8	19

#	ARTICLE	IF	CITATIONS
217	Influence from Hydrological Modification on Energy and Nutrient Transference in a Deltaic Food Web. <i>Estuaries and Coasts</i> , 2009, 32, 173-187.	1.0	9
218	Combining Organic Matter Source and Relative Trophic Position Determinations to Explore Trophic Structure. <i>Estuaries and Coasts</i> , 2009, 32, 999-1010.	1.0	30
219	Contribution of anadromous fish to the diet of European catfish in a large river system. <i>Die Naturwissenschaften</i> , 2009, 96, 631-635.	0.6	28
220	Winter food utilisation by sympatric mysids in the Baltic Sea, studied by combined gut content and stable isotope analyses. <i>Marine Biology</i> , 2009, 156, 619-628.	0.7	21
221	Seasonal changes in the diet of a critically endangered seabird and the importance of trawling discards. <i>Marine Biology</i> , 2009, 156, 2571-2578.	0.7	82
222	Stable isotope ratio analysis to differentiate temporal diets of a free-ranging herbivore. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2190-2194.	0.7	7
223	Belowground fate of ¹⁵ N injected into sweetgum trees (<i>Liquidambar styraciflua</i>) at the ORNL FACE Experiment. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3094-3100.	0.7	9
224	Trophic relationships in a tropical stream food web assessed by stable isotope analysis. <i>Freshwater Biology</i> , 2009, 54, 1028-1041.	1.2	54
225	Landscape heterogeneity and marine subsidy generate extensive intrapopulation niche diversity in a large terrestrial vertebrate. <i>Journal of Animal Ecology</i> , 2009, 78, 126-133.	1.3	128
226	Carry-over effects in a Pacific seabird: stable isotope evidence that pre-breeding diet quality influences reproductive success. <i>Journal of Animal Ecology</i> , 2009, 78, 460-467.	1.3	172
227	Variation in discrimination factors ($\delta^{15}\text{N}$ and $\delta^{13}\text{C}$): the effect of diet isotopic values and applications for diet reconstruction. <i>Journal of Applied Ecology</i> , 2009, 46, 443-453.	1.9	1,159
228	Sources of protein in two semi-arid zone mistletoe specialists: Insights from stable isotopes. <i>Austral Ecology</i> , 2009, 34, 821-828.	0.7	8
229	Isotopic ecology ten years after a call for more laboratory experiments. <i>Biological Reviews</i> , 2009, 84, 91-111.	4.7	773
230	Detecting changes in habitat-scale bee foraging in a tropical fragmented landscape using stable isotopes. <i>Forest Ecology and Management</i> , 2009, 258, 1846-1855.	1.4	22
231	Dwarf shrub litter as a food source for macro-decomposers in alpine pastureland. <i>Applied Soil Ecology</i> , 2009, 41, 178-184.	2.1	20
232	Soil priming by sugar and leaf-litter substrates: A link to microbial groups. <i>Applied Soil Ecology</i> , 2009, 42, 183-190.	2.1	199
233	Natural stable isotopes as indicators of the relative contribution of soy protein and fish meal to tissue growth in Pacific white shrimp (<i>Litopenaeus vannamei</i>) fed compound diets. <i>Aquaculture</i> , 2009, 291, 115-123.	1.7	55
234	Artemia replacement in co-feeding regimes for mysis and postlarval stages of <i>Litopenaeus vannamei</i> : Nutritional contribution of inert diets to tissue growth as indicated by natural carbon stable isotopes. <i>Aquaculture</i> , 2009, 297, 128-135.	1.7	26

#	ARTICLE	IF	CITATIONS
235	Delayed recovery of soil respiration after wetting of dry soil further reduces C losses from a Norway spruce forest soil. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	49
236	Integrative Wildlife Nutrition. , 2009, , .		156
238	Trophic Interactions between Cormorants and Fisheries: Towards a More Quantitative Approach Using Stable Isotopes. <i>Waterbirds</i> , 2009, 32, 481-490.	0.2	20
239	An evaluation of deuterium as a food source tracer in temperate streams of eastern Canada. <i>Journal of the North American Benthological Society</i> , 2009, 28, 885-893.	3.0	32
240	The Potential Utility of Stable Isotopes for Food Web Analysis in Douglas-Fir and Red Alder Riparian Forests of Western Oregon. <i>Northwest Science</i> , 2009, 83, 315-324.	0.1	2
241	Carbon and nitrogen stable isotope turnover rates and diet-tissue discrimination in Florida manatees (<i>Trichechus manatus latirostris</i>). <i>Journal of Experimental Biology</i> , 2009, 212, 2349-2355.	0.8	35
242	Mollusc shell periostracum as an alternative to tissue in isotopic studies. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 436-441.	1.0	26
243	Assessing the Scale of Prehistoric Human Impact in the Neotropics Using Stable Carbon Isotope Analyses of Lake Sediments: A Test Case From Costa Rica. <i>Latin American Antiquity</i> , 2009, 20, 120-133.	0.3	19
244	High incidence of invertebrate-chemoautotroph symbioses in benthic communities of the New Zealand fjords. <i>Limnology and Oceanography</i> , 2010, 55, 2097-2106.	1.6	38
245	Zooxanthellar Symbionts Shape Host Sponge Trophic Status Through Translocation of Carbon. <i>Biological Bulletin</i> , 2010, 219, 189-197.	0.7	79
246	Seasonal shift in the foraging niche of Atlantic puffins <i>Fratercula arctica</i> revealed by stable isotope ($\delta^{15}\text{N}$ and $\delta^{13}\text{C}$) analyses. <i>Aquatic Biology</i> , 2010, 9, 13-22.	0.5	33
247	A three-isotope approach to disentangling the diet of a generalist consumer: the yellow-legged gull in northwest Spain. <i>Marine Biology</i> , 2010, 157, 545-553.	0.7	118
248	Importance of freshwater flow in terrestrial-aquatic energetic connectivity in intermittently connected estuaries of tropical Australia. <i>Marine Biology</i> , 2010, 157, 2071-2086.	0.7	59
249	Carbon sources for lake food webs in the Canadian High Arctic and other regions of Arctic North America. <i>Polar Biology</i> , 2010, 33, 1111-1123.	0.5	31
250	The Impact of Cormorants on Plant-Arthropod Food Webs on Their Nesting Islands. <i>Ecosystems</i> , 2010, 13, 353-366.	1.6	63
251	Carbon isotope turnover in blood as a measure of arrival time in migratory birds using isotopically distinct environments. <i>Journal of Ornithology</i> , 2010, 151, 123-131.	0.5	34
252	The impact of protein quality on stable nitrogen isotope ratio discrimination and assimilated diet estimation. <i>Oecologia</i> , 2010, 162, 571-579.	0.9	128
253	Nitrogen fluxes from treefrogs to tank epiphytic bromeliads: an isotopic and physiological approach. <i>Oecologia</i> , 2010, 162, 941-949.	0.9	49

#	ARTICLE	IF	CITATIONS
254	Gardening by the psychomyiid caddisfly <i>Tinodes waeneri</i> : evidence from stable isotopes. <i>Oecologia</i> , 2010, 163, 127-139.	0.9	21
255	King eiders use an income strategy for egg production: a case study for incorporating individual dietary variation into nutrient allocation research. <i>Oecologia</i> , 2010, 164, 1-12.	0.9	27
256	The Holoceneâ€“Anthropocene transition in lakes of western Spitsbergen, Svalbard (Norwegian High) Tj ETQq0 0 0 rgBT /Overlock 10 TF	0.8	37
257	Interaction between the invasive macroalga <i>Lophocladia lallemandii</i> and the bryozoan <i>Reteporella grimaldii</i> at seagrass meadows: density and physiological responses. <i>Biological Invasions</i> , 2010, 12, 41-52.	1.2	29
258	Effects of non-native <i>Spartina patens</i> on plant and sediment organic matter carbon incorporation into the local invertebrate community. <i>Biological Invasions</i> , 2010, 12, 3825-3838.	1.2	21
259	Stable isotope dynamics in elasmobranch fishes. <i>Hydrobiologia</i> , 2010, 644, 231-244.	1.0	159
260	Spatial and temporal variation in invertebrate consumer diets in forested and herbaceous wetlands. <i>Hydrobiologia</i> , 2010, 651, 145-159.	1.0	20
261	Soil properties and presence of plants affect the temperature sensitivity of carbon dioxide production by soils. <i>Plant and Soil</i> , 2010, 337, 375-387.	1.8	15
262	The biological pathway and effect of PCBs on common terns in Lake Michigan. <i>Ecotoxicology</i> , 2010, 19, 1513-1522.	1.1	13
263	Stable isotopes confirm a foraging dichotomy in juvenile loggerhead sea turtles. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 387, 44-51.	0.7	104
264	Trophic structure and mercury distribution in a Gulf of St. Lawrence (Canada) food web using stable isotope analysis. <i>Science of the Total Environment</i> , 2010, 408, 5529-5539.	3.9	132
265	Priming effects: Interactions between living and dead organic matter. <i>Soil Biology and Biochemistry</i> , 2010, 42, 1363-1371.	4.2	1,492
266	¹³ C fractionation at the rootâ€“microorganismsâ€“soil interface: A review and outlook for partitioning studies. <i>Soil Biology and Biochemistry</i> , 2010, 42, 1372-1384.	4.2	319
267	Spatial variation in organic matter utilization by benthic communities from Yura Riverâ€“Estuary to offshore of Tango Sea, Japan. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 86, 107-117.	0.9	42
268	Physiological response of the blue mussel <i>Mytilus edulis</i> to differences in food and temperature in the Gulf of Maine. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 156, 541-551.	0.8	68
269	Partitioning evapotranspiration fluxes into soil evaporation and plant transpiration using water stable isotopes under controlled conditions. <i>Hydrological Processes</i> , 2010, 24, 3177-3194.	1.1	106
270	Partitioning hydrologic contributions to an â€“oldâ€“growthâ€“ riparian area in the Huron Mountains of Michigan, USA. <i>Ecohydrology</i> , 2010, 3, 315-324.	1.1	8
271	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.	4.2	29

#	ARTICLE	IF	CITATIONS
272	An expanded radiocarbon age calibration procedure to correct for the marine reservoir effect in mixed marine and terrestrial samples. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 969-971.	0.6	0
273	Black and white “ does melanin change the bulk carbon and nitrogen isotope values of feathers?. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 875-878.	0.7	27
274	Effects of Flow Restoration and Exotic Species Removal on Recovery of Native Fish: Lessons from a Dam Decommissioning. <i>Restoration Ecology</i> , 2010, 18, 934-943.	1.4	54
275	Pre-breeding diet influences ornament size in the Rhinoceros Auklet (<i>Cerorhinca monocerata</i>). <i>Ibis</i> , 2010, 152, 29-37.	1.0	12
276	A trophic pathway from biogenic methane supports fish biomass in a temperate lake ecosystem. <i>Oikos</i> , 2010, 119, 409-416.	1.2	40
277	Coexistence in the intertidal: interactions between the non-indigenous New Zealand mud snail <i>Potamopyrgus antipodarum</i> and the native estuarine isopod <i>Gnorimosphaeroma insulare</i> . <i>Oikos</i> , 2010, 119, 1755-1764.	1.2	20
278	Rapid and unexpected effects of piscivore introduction on trophic position and diet of perch (<i>Perca flavescens</i>) in lakes recovering from acidification and metal contamination. <i>Freshwater Biology</i> , 2010, 55, 1616-1627.	1.2	10
279	Long-term variation in the littoral food web of an acidified mountain lake. <i>Global Change Biology</i> , 2010, 16, 3133-3143.	4.2	23
280	Estimating terrestrial contribution to stream invertebrates and periphyton using a gradient-based mixing model for $\delta^{13}C$. <i>Journal of Animal Ecology</i> , 2010, 79, 393-402.	1.3	74
281	Do non-native invasive fish support elevated lamprey populations?. <i>Journal of Applied Ecology</i> , 2010, 47, 121-129.	1.9	34
282	An ecomorphological framework for the coexistence of two cyprinid fish and their hybrids in a novel environment. <i>Biological Journal of the Linnean Society</i> , 0, 99, 768-783.	0.7	32
283	Functional diversity in amphipods revealed by stable isotopes in an eelgrass ecosystem. <i>Marine Ecology - Progress Series</i> , 2010, 420, 277-281.	0.9	18
284	Mycoheterotrophy evolved from mixotrophic ancestors: evidence in <i>Cymbidium</i> (Orchidaceae). <i>Annals of Botany</i> , 2010, 106, 573-581.	1.4	88
285	Diverse diet compositions among harpaline ground beetle species revealed by mixing model analyses of stable isotope ratios. <i>Ecological Entomology</i> , 2010, 35, 307-316.	1.1	39
286	Re-examining the Importance of Fish in the Diets of Stream-dwelling Crayfishes: Implications for Food Web Analyses and Conservation. <i>American Midland Naturalist</i> , 2010, 163, 280-293.	0.2	20
287	Using stable isotopes to trace resource acquisition and trophic position in four Afrotropical birds with different diets. <i>Ostrich</i> , 2010, 81, 273-275.	0.4	10
288	Source Partitioning Using Stable Isotopes: Coping with Too Much Variation. <i>PLoS ONE</i> , 2010, 5, e9672.	1.1	2,255
289	Diet shift of lentic dragonfly larvae in response to reduced terrestrial prey subsidies. <i>Journal of the North American Benthological Society</i> , 2010, 29, 602-613.	3.0	6

#	ARTICLE	IF	CITATIONS
290	Foodweb structure in small streams: do we need different models for the tropics?. <i>Journal of the North American Benthological Society</i> , 2010, 29, 395-412.	3.0	54
291	Variable composition of particle-bound organic carbon in steepland river systems. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	29
292	Stable isotope differentiation of freshwater and terrestrial vascular plants in two subarctic regions. <i>Ecoscience</i> , 2010, 17, 265-275.	0.6	18
293	Local to Continental Influences on Nutrient and Contaminant Sources to River Birds. <i>Environmental Science & Technology</i> , 2010, 44, 1860-1867.	4.6	12
294	Stable isotopes reveal a consistent consumer-diet relationship across hundreds of kilometres. <i>Marine Ecology - Progress Series</i> , 2010, 403, 53-61.	0.9	26
295	The Fate of Carbon in Growing Fish: An Experimental Study of Isotopic Routing. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 473-480.	0.6	60
296	Do Acacia and Tamarix trees compete for water in the Negev desert?. <i>Journal of Arid Environments</i> , 2010, 74, 338-343.	1.2	35
297	The isotopic composition of particulate organic carbon in mountain rivers of Taiwan. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3164-3181.	1.6	112
298	Apportioning catchment scale sediment sources using a modified composite fingerprinting technique incorporating property weightings and prior information. <i>Geoderma</i> , 2010, 155, 249-261.	2.3	251
299	Macrofaunal succession in sediments around kelp and wood falls in the deep NE Pacific and community overlap with other reducing habitats. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 708-723.	0.6	103
300	Food-web structure of seep sediment macrobenthos from the Gulf of Mexico. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 1972-1981.	0.6	45
301	Geochemical and climate modeling evidence for Holocene aridification in Hawaii: dynamic response to a weakening equatorial cold tongue. <i>Quaternary Science Reviews</i> , 2010, 29, 3057-3066.	1.4	12
302	The trophic significance of the invasive seaweed <i>Sargassum muticum</i> in sandy beaches. <i>Journal of Sea Research</i> , 2010, 63, 52-61.	0.6	33
303	Dry season water uptake by two dominant canopy tree species in a tropical seasonal rainforest of Xishuangbanna, SW China. <i>Agricultural and Forest Meteorology</i> , 2010, 150, 380-388.	1.9	69
304	Increase in aboveground fresh litter quantity over-stimulates soil respiration in a temperate deciduous forest. <i>Applied Soil Ecology</i> , 2010, 46, 26-34.	2.1	62
305	Research progress on water uptake through foliage. <i>Acta Ecologica Sinica</i> , 2010, 30, 172-177.	0.9	7
306	The use of stable isotopes to partition evapotranspiration fluxes into evaporation and transpiration. <i>Acta Ecologica Sinica</i> , 2010, 30, 201-209.	0.9	52
307	Stable carbon and nitrogen isotope discrimination factors from diet to blood plasma, cellular blood, feathers, and adipose tissue fatty acids in Spectacled Eiders (<i>Somateria fischeri</i>). <i>Canadian Journal of Zoology</i> , 2010, 88, 866-874.	0.4	20

#	ARTICLE	IF	CITATIONS
308	Disparate feeding strategies used by syntopic Antillean nectarivorous bats to obtain dietary protein. <i>Journal of Mammalogy</i> , 2010, 91, 960-966.	0.6	25
309	The potential of stable isotope ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$) analyses for measuring foraging behaviour of animals in disturbed boreal forest. <i>Ecoscience</i> , 2010, 17, 73-82.	0.6	9
310	Nutritional importance of seeds and arthropods to painted spiny pocket mice (<i>Lyomis pictus</i>): the effects of season and forest degradation. <i>Canadian Journal of Zoology</i> , 2010, 88, 1226-1234.	0.4	6
311	Trophic Ecology of Summer Flounder in Lower Chesapeake Bay Inferred from Stomach Content and Stable Isotope Analyses. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 1240-1254.	0.6	22
312	Urban stressors alter the trophic basis of secondary production in an agricultural stream. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 74-88.	0.7	27
313	New Insights to the Use of Ethanol in Automotive Fuels: A Stable Isotopic Tracer for Fossil- and Bio-Fuel Combustion Inputs to the Atmosphere. <i>Environmental Science & Technology</i> , 2011, 45, 6661-6669.	4.6	18
314	Terrestrial support of detritivorous fish populations decreases with watershed size. <i>Ecosphere</i> , 2011, 2, art76.	1.0	38
315	Tracing Waterbird Exposure to Total Mercury and Selenium: A Case Study at the Solar Saltworks of Thyna (Sfax, Tunisia). <i>Environmental Science & Technology</i> , 2011, 45, 5118-5124.	4.6	6
316	The distance that contaminated aquatic subsidies extend into lake riparian zones. , 2011, 21, 983-990.		71
317	A water isotope approach to assessing moisture recycling in the island-based precipitation of Taiwan: A case study in the western Pacific. <i>Water Resources Research</i> , 2011, 47, .	1.7	50
318	Soil carbon release enhanced by increased tropical forest litterfall. <i>Nature Climate Change</i> , 2011, 1, 304-307.	8.1	221
319	Recent Bayesian stable-isotope mixing models are highly sensitive to variation in discrimination factors. , 2011, 21, 1017-1023.		351
320	Naturally-occurring stable isotopes as direct measures of larval feeding efficiency, nutrient incorporation and turnover. <i>Aquaculture</i> , 2011, 315, 95-103.	1.7	49
321	Effect of different diets on proteolytic enzyme activity, trypsinogen gene expression and dietary carbon assimilation in Senegalese sole (<i>Solea senegalensis</i>) larvae. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 158, 251-258.	0.7	27
322	Trophic Interactions in Coastal and Estuarine Mangrove Forest Ecosystems. , 2011, , 43-93.		22
323	Responses of woody species to spatial and temporal ground water changes in coastal sand dune systems. <i>Biogeosciences</i> , 2011, 8, 3823-3832.	1.3	33
324	Integrated Multitrophic Aquaculture: Filter Feeders Bivalves as Efficient Reducers of Wastes Derived from Coastal Aquaculture Assessed with Stable Isotope Analyses. , 2011, , .		6
325	Soil organic matter dynamics in a North America tallgrass prairie after 9 yr of experimental warming. <i>Biogeosciences</i> , 2011, 8, 1487-1498.	1.3	64

#	ARTICLE	IF	CITATIONS
326	Distinct patterns in the diurnal and seasonal variability in four components of soil respiration in a temperate forest under free-air CO ₂ enrichment. <i>Biogeosciences</i> , 2011, 8, 3077-3092.	1.3	30
327	Integrating Stomach Content and Stable Isotope Analyses to Quantify the Diets of Pygoscelid Penguins. <i>PLoS ONE</i> , 2011, 6, e26642.	1.1	121
328	INTERACTION BETWEEN INLAND AND SEA THROUGH RAUSU RIVER USING ISOTOPE ANALYSIS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2011, 67, I_1303-I_1308.	0.0	0
329	Parasite-induced changes in the diet of a freshwater amphipod: field and laboratory evidence. <i>Parasitology</i> , 2011, 138, 537-546.	0.7	26
330	Individual variability in trophic position and diet of a marine omnivore is linked to kelp bed habitat. <i>Marine Ecology - Progress Series</i> , 2011, 443, 129-139.	0.9	37
331	Arthropod food webs in organic and conventional wheat farming systems of an agricultural long-term experiment: a stable isotope approach. <i>Agricultural and Forest Entomology</i> , 2011, 13, 197-204.	0.7	31
332	Chick starvation in yellow-eyed penguins: Evidence for poor diet quality and selective provisioning of chicks from conventional diet analysis and stable isotopes. <i>Austral Ecology</i> , 2011, 36, 99-108.	0.7	32
333	Contrasting patterns of individual specialization and trophic coupling in two marine apex predators. <i>Journal of Animal Ecology</i> , 2011, 80, 294-305.	1.3	280
334	Impacts of an aggressive riparian invader on community structure and ecosystem functioning in stream food webs. <i>Journal of Applied Ecology</i> , 2011, 48, 443-452.	1.9	89
335	The application of ¹⁸ O and ² D for understanding water pools and fluxes in a <i>Typha</i> marsh. <i>Plant, Cell and Environment</i> , 2011, 34, 1761-1775.	2.8	10
336	The importance of terrestrial resource subsidies for shredders in open-canopy streams revealed by stable isotope analysis. <i>Freshwater Biology</i> , 2011, 56, 470-480.	1.2	37
337	Rhizosphere priming effect increases the temperature sensitivity of soil organic matter decomposition. <i>Global Change Biology</i> , 2011, 17, 2172-2183.	4.2	172
338	Seasonal and interannual variability in ¹³ C composition of ecosystem carbon fluxes in the U.S. Southern Great Plains. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2011, 63, 181.	0.8	21
339	Lipid correction model of carbon stable isotopes for a cosmopolitan predator, spiny dogfish <i>Squalus acanthias</i> . <i>Journal of Fish Biology</i> , 2011, 79, 2060-2066.	0.7	17
340	A systematic examination of a random sampling strategy for source apportionment calculations. <i>Science of the Total Environment</i> , 2011, 412-413, 232-238.	3.9	56
341	Study of the trophic web of San Simón Bay (Ría de Vigo) by using stable isotopes. <i>Continental Shelf Research</i> , 2011, 31, 476-487.	0.9	23
342	The problem of isotopic baseline: Reconstructing the diet and trophic position of fossil animals. <i>Earth-Science Reviews</i> , 2011, 106, 131-148.	4.0	111
343	Modelling the effects of eutrophication, mitigation measures and an extreme flood event on estuarine benthic food webs. <i>Ecological Modelling</i> , 2011, 222, 1209-1221.	1.2	67

#	ARTICLE	IF	CITATIONS
344	Functional changes due to invasive species: Food web shifts at shallow <i>Posidonia oceanica</i> seagrass beds colonized by the alien macroalga <i>Caulerpa racemosa</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2011, 93, 106-116.	0.9	47
345	Chemosynthetic trophic support for the benthic community at an intertidal cold seep site at Mocha Island off central Chile. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 431-439.	0.9	17
346	Utilization of carbon sources in a northern Brazilian mangrove ecosystem. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 447-457.	0.9	73
347	Aquatic subsidies transport anthropogenic nitrogen to riparian spiders. <i>Environmental Pollution</i> , 2011, 159, 1390-1397.	3.7	20
348	Coupling a two-tip linear mixing model with a $\delta^{18}\text{O}$ plot to determine water sources consumed by maize during different growth stages. <i>Field Crops Research</i> , 2011, 123, 196-205.	2.3	30
349	Spatial variation in basal resources supporting benthic food webs revealed for the inner continental shelf. <i>Limnology and Oceanography</i> , 2011, 56, 841-856.	1.6	27
350	On the Use of Stable Isotopes in Trophic Ecology. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2011, 42, 411-440.	3.8	752
351	Allochthonous and autochthonous carbon sources for fish in floodplain lagoons of an Australian dryland river. <i>Environmental Biology of Fishes</i> , 2011, 90, 1-17.	0.4	23
352	Trophic ecology of a nonnative population of suckermouth catfish (<i>Hypostomus plecostomus</i>) in a central Texas spring-fed stream. <i>Environmental Biology of Fishes</i> , 2011, 90, 277-285.	0.4	31
353	Breeding strategy and organochlorine contamination of eggs in lesser scaup (<i>Aythya affinis</i>). <i>Ecotoxicology</i> , 2011, 20, 110-118.	1.1	6
354	Crab regulation of cross-ecosystem resource transfer by marine foraging fire ants. <i>Oecologia</i> , 2011, 166, 1111-1119.	0.9	17
355	Integration of an invasive consumer into an estuarine food web: direct and indirect effects of the New Zealand mud snail. <i>Oecologia</i> , 2011, 167, 169-179.	0.9	18
356	Seasonal and episodic moisture controls on plant and microbial contributions to soil respiration. <i>Oecologia</i> , 2011, 167, 265-278.	0.9	169
357	Microscale variations of food web functioning within a rocky shore invertebrate community. <i>Marine Biology</i> , 2011, 158, 623-630.	0.7	17
358	Trophic Resource Overlap Between Small Elasmobranchs and Sympatric Teleosts in Mid-Atlantic Bight Nearshore Habitats. <i>Estuaries and Coasts</i> , 2011, 34, 391-404.	1.0	26
359	Isotopes for improved management of nitrate pollution in aqueous resources: review of surface water field studies. <i>Environmental Science and Pollution Research</i> , 2011, 18, 519-533.	2.7	155
360	Differential growth of the fungus <i>Absidia cylindrospora</i> on $^{13}\text{C}/^{15}\text{C}$ -labelled media. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1479-1484.	0.7	16
361	The origin and antiquity of syphilis revisited: An Appraisal of Old World pre-Columbian evidence for treponemal infection. <i>American Journal of Physical Anthropology</i> , 2011, 146, 99-133.	2.1	138

#	ARTICLE	IF	CITATIONS
362	Understanding the role of fog in forest hydrology: stable isotopes as tools for determining input and partitioning of cloud water in montane forests. <i>Hydrological Processes</i> , 2011, 25, 353-366.	1.1	82
363	An Analysis of the Last 1000 Years Human Diet on Tutuila (American Samoa) Using Carbon and Nitrogen Stable Isotope Data. <i>American Antiquity</i> , 2011, 76, 473-486.	0.6	14
364	River channelization reduces nutrient flow and macroinvertebrate diversity at the aquatic terrestrial transition zone. <i>Ecosphere</i> , 2011, 2, art35.	1.0	47
365	Light-mediated thresholds in stream-water nutrient composition in a river network. <i>Ecology</i> , 2011, 92, 140-150.	1.5	84
366	Shoreline urbanization interrupts allochthonous subsidies to a benthic consumer over a gradient of lake size. <i>Biology Letters</i> , 2011, 7, 551-554.	1.0	14
367	Linking hydraulic conductivity and photosynthesis to water-source partitioning in trees versus seedlings. <i>Tree Physiology</i> , 2011, 31, 763-773.	1.4	30
368	Trophic Levels of North Pacific Humpback Whales (<i>Megaptera novaeangliae</i>) Through Analysis of Stable Isotopes: Implications on Prey and Resource Quality. <i>Aquatic Mammals</i> , 2011, 37, 101-110.	0.4	30
369	Spider-fed bromeliads: seasonal and interspecific variation in plant performance. <i>Annals of Botany</i> , 2011, 107, 1047-1055.	1.4	24
370	Neanderthals <i>versus</i> Modern Humans: Evidence for Resource Competition from Isotopic Modelling. <i>International Journal of Evolutionary Biology</i> , 2011, 2011, 1-16.	1.0	10
371	Use of Stable Isotopes to Understand Food Webs and Ecosystem Functioning in Estuaries. , 2011, , 143-173.		79
372	Assessment of Nutrient Allocation and Metabolic Turnover Rate in Pacific White Shrimp <i>Litopenaeus vannamei</i> Co-Fed Live Macroalgae <i>Ulva clathrata</i> and Inert Feed: Dual Stable Isotope Analysis. <i>Journal of Shellfish Research</i> , 2011, 30, 969-978.	0.3	51
373	Trophic Relationships in Salt Marshes of Coastal and Estuarine Ecosystems. , 2011, , 261-269.		0
374	Using Stable-Isotope Analysis as a Technique for Determining Consumption of Supplementary Foods by Individual Birds. <i>Condor</i> , 2011, 113, 475-482.	0.7	21
375	Root-Derived Contributions to Soil Respiration as Influenced by Agricultural Management Systems. <i>Soil Science Society of America Journal</i> , 2011, 75, 1839-1850.	1.2	10
376	Sea ice microbial production supports Ross Sea benthic communities: influence of a small but stable subsidy. <i>Ecology</i> , 2012, 93, 314-323.	1.5	39
377	Isotopic Model Estimate of Relative Contribution of Potential Water Pools to Water Uptake of <i>Pinus sylvestris</i> var. <i>mongolica</i> in Horqin Sandy Land. <i>Journal of Resources and Ecology</i> , 2012, 3, 308-315.	0.2	6
378	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
379	Roots affect the response of heterotrophic soil respiration to temperature in tussock grass microcosms. <i>Annals of Botany</i> , 2012, 110, 253-258.	1.4	23

#	ARTICLE	IF	CITATIONS
380	Warming accelerates decomposition of decades-old carbon in forest soils. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1753-61.	3.3	118
381	Aquatic and terrestrial organic matter in the diet of stream consumers: implications for mercury bioaccumulation. Ecological Applications, 2012, 22, 843-855.	1.8	63
382	Restoration of Intertidal Flat Ecosystems by Exploring Unknown Diet for Small Sandpiper Species. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2012, 68, I_1176-I_1180.	0.0	1
383	Methods of estimating marine mammal diets: A review of validation experiments and sources of bias and uncertainty. Marine Mammal Science, 2013, 29, 719-754.	0.9	105
384	Sources and Transfers of Methylmercury in Adjacent River and Forest Food Webs. Environmental Science & Technology, 2012, 46, 10957-10964.	4.6	107
385	Fluxes of terrestrial and aquatic carbon by emergent mosquitoes: a test of controls and implications for cross-ecosystem linkages. Oecologia, 2012, 170, 1111-1122.	0.9	43
386	Using ¹⁷ O to Investigate Nitrate Sources and Sinks in a Semi-Arid Groundwater System. Environmental Science & Technology, 2012, 46, 745-751.	4.6	36
387	Foraging habitat and diet of Song Sparrows (<i>Melospiza melodia</i>) nesting in farmland: a stable isotope approach. Canadian Journal of Zoology, 2012, 90, 1339-1350.	0.4	15
388	Effects of plant identity and diversity on the dietary choice of a soil-living insect herbivore. Ecology, 2012, 93, 2650-2657.	1.5	33
389	Stable Carbon and Nitrogen Isotope Discrimination Factors for Quantifying Spectacled Eider Nutrient Allocation to Egg Production. Condor, 2012, 114, 726-732.	0.7	9
390	Use of Compound-Specific Nitrogen (d ¹⁵ N), Oxygen (d ¹⁸ O), and Bulk Boron (d ¹¹ B) Isotope Ratios to Identify Sources of Nitrate-Contaminated Waters: A Guideline to Identify Polluters. Environmental Forensics, 2012, 13, 32-38.	1.3	19
391	Preface to the Special Issue on "Challenges and limits of stable isotopes in environmental research" Organic Geochemistry, 2012, 42, 1437-1439.	0.9	1
392	Transpiration alters the contribution of autotrophic and heterotrophic components of soil CO ₂ efflux. New Phytologist, 2012, 194, 647-653.	3.5	33
393	¹³ C and ¹⁵ N analysis in muscle and liver of wild and reared young-of-the-year (YOY) Atlantic bluefin tuna. Aquaculture, 2012, 354-355, 17-21.	1.7	24
394	Stable isotopes, diet, and taphonomy: a look at using isotope-based dietary reconstructions to infer differential survivorship in zooarchaeological assemblages. Journal of Archaeological Science, 2012, 39, 1401-1411.	1.2	15
395	Arsenic, cobalt and chromium food web biodilution in a Patagonia mountain lake. Ecotoxicology and Environmental Safety, 2012, 81, 1-10.	2.9	35
396	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
397	A method of stable carbon and nitrogen isotope analysis in assessment of the diet of birds of prey. Biology Bulletin, 2012, 39, 590-592.	0.1	3

#	ARTICLE	IF	CITATIONS
398	Ontogenetic and seasonal changes in the feeding habits and trophic levels of two small pelagic fish species. <i>Marine Ecology - Progress Series</i> , 2012, 460, 169-181.	0.9	112
399	Monitoring and modeling water-vegetation interactions in groundwater-dependent ecosystems. <i>Reviews of Geophysics</i> , 2012, 50, .	9.0	168
400	On the trophic ecology of Gammaridea (Crustacea: Amphipoda) in coastal waters: A European-scale analysis of stable isotopes data. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 114, 130-139.	0.9	30
401	Tracing groundwater recharge sources in a mountain plain transitional area using stable isotopes and hydrochemistry. <i>Journal of Hydrology</i> , 2012, 464-465, 116-126.	2.3	100
402	Resource base of blue cod <i>Parapercis colias</i> subpopulations in marginal fjordic habitats is linked to chemoautotrophic production. <i>Marine Ecology - Progress Series</i> , 2012, 466, 205-214.	0.9	15
403	Aquatic foodweb structure of the Rio Grande assessed with stable isotopes. <i>Freshwater Science</i> , 2012, 31, 825-834.	0.9	18
404	Converting isotope values to diet composition: the use of mixing models. <i>Journal of Mammalogy</i> , 2012, 93, 342-352.	0.6	254
405	Estimating Niche Width Using Stable Isotopes in the Face of Habitat Variability: A Modelling Case Study in the Marine Environment. <i>PLoS ONE</i> , 2012, 7, e40539.	1.1	27
406	Ecosystem Services Transcend Boundaries: Estuaries Provide Resource Subsidies and Influence Functional Diversity in Coastal Benthic Communities. <i>PLoS ONE</i> , 2012, 7, e42708.	1.1	69
407	Water Transparency Drives Intra-Population Divergence in Eurasian Perch (<i>Perca fluviatilis</i>). <i>PLoS ONE</i> , 2012, 7, e43641.	1.1	32
408	CLARIFICATION OF MECHANISMS OF NUTRIENT CIRCULATION BETWEEN OCEAN AND INLAND IN SHIRETOKO. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2012, 68, I_721-I_726.	0.0	0
409	Estimating the Diets of Animals Using Stable Isotopes and a Comprehensive Bayesian Mixing Model. <i>PLoS ONE</i> , 2012, 7, e28478.	1.1	131
410	Progress and challenges in using stable isotopes to trace plant carbon and water relations across scales. <i>Biogeosciences</i> , 2012, 9, 3083-3111.	1.3	138
411	Partitioning of soil CO ₂ efflux in un-manipulated and experimentally flooded plots of a temperate fen. <i>Biogeosciences</i> , 2012, 9, 3477-3489.	1.3	5
412	Organic matter dynamics and stable isotope signature as tracers of the sources of suspended sediment. <i>Biogeosciences</i> , 2012, 9, 1985-1996.	1.3	35
413	Distribution patterns and nutritional contributions of algal symbionts in the sea anemone <i>Anthopleura xanthogrammica</i> . <i>Marine Ecology - Progress Series</i> , 2012, 453, 79-94.	0.9	6
414	Resource specialisation among suspension-feeding invertebrates on rock walls in Fiordland, New Zealand, is driven by water column structure and feeding mode. <i>Marine Ecology - Progress Series</i> , 2012, 452, 109-118.	0.9	14
415	Using Bayesian stable isotope mixing models to estimate wolf diet in a multi-prey ecosystem. <i>Journal of Wildlife Management</i> , 2012, 76, 1277-1289.	0.7	26

#	ARTICLE	IF	CITATIONS
416	Stable Isotope Analysis in Primatology: A Critical Review. <i>American Journal of Primatology</i> , 2012, 74, 969-989.	0.8	42
417	Applying stable isotopes to examine food web structure: an overview of analytical tools. <i>Biological Reviews</i> , 2012, 87, 545-562.	4.7	936
418	Pattern of Mercury Allocation into Egg Components is Independent of Dietary Exposure in Gentoo Penguins. <i>Archives of Environmental Contamination and Toxicology</i> , 2012, 62, 494-501.	2.1	20
419	Research article: small-scale spatial variation of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ isotopes in Antarctic carbon sources and consumers. <i>Polar Biology</i> , 2012, 35, 813-827.	0.5	16
420	Variability and directionality of temporal changes in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of aquatic invertebrate primary consumers. <i>Oecologia</i> , 2012, 169, 199-209.	0.9	37
421	Seasonal increase of methane in sediment decreases $\delta^{13}\text{C}$ of larval chironomids in a eutrophic shallow lake. <i>Limnology</i> , 2012, 13, 107-116.	0.8	18
422	Temporal and spatial variation in ecosystem metabolism and food web carbon transfer in a wet-dry tropical river. <i>Freshwater Biology</i> , 2012, 57, 435-450.	1.2	57
423	Soil carbon and nitrogen cycling and storage throughout the soil profile in a sweetgum plantation after 11 years of CO_2 enrichment. <i>Global Change Biology</i> , 2012, 18, 1684-1697.	4.2	74
424	Net ecosystem exchange modifies the relationship between the autotrophic and heterotrophic components of soil respiration with abiotic factors in prairie grasslands. <i>Global Change Biology</i> , 2012, 18, 2532-2545.	4.2	117
425	Determining trophic niche width: an experimental test of the stable isotope approach. <i>Oikos</i> , 2012, 121, 1985-1994.	1.2	26
426	Large scale surveys suggest limited mercury availability in tropical north Queensland (Australia). <i>Science of the Total Environment</i> , 2012, 416, 385-393.	3.9	12
427	Dual-chamber measurements of $\delta^{13}\text{C}$ of soil-respired CO_2 partitioned using a field-based three end-member model. <i>Soil Biology and Biochemistry</i> , 2012, 47, 106-115.	4.2	17
428	Soil organic carbon decomposition from recently added and older sources estimated by $\delta^{13}\text{C}$ values of CO_2 and organic matter. <i>Soil Biology and Biochemistry</i> , 2012, 55, 40-47.	4.2	57
429	Isotopic Data Do Not Support Food Sharing Within Large Networks of Female Vampire Bats (<i>Desmodus rotundus</i>). <i>Ethology</i> , 2012, 118, 260-268.	0.5	11
430	Variable and complex food web structures revealed by exploring missing trophic links between birds and biofilm. <i>Ecology Letters</i> , 2012, 15, 347-356.	3.0	102
431	Use of stable water isotopes to assess sources and influences of slope groundwater on slope failure. <i>Hydrological Processes</i> , 2012, 26, 345-355.	1.1	19
432	Water sources of urban trees in the Los Angeles metropolitan area. <i>Urban Ecosystems</i> , 2012, 15, 195-214.	1.1	52
433	Elevated air carbon dioxide concentrations increase dissolved carbon leaching from a cropland soil. <i>Biogeochemistry</i> , 2012, 108, 135-148.	1.7	20

#	ARTICLE	IF	CITATIONS
434	Terrestrial subsidies to lake food webs: an experimental approach. <i>Oecologia</i> , 2012, 168, 807-818.	0.9	42
435	Fish mediate high food web connectivity in the lower reaches of a tropical floodplain river. <i>Oecologia</i> , 2012, 168, 829-838.	0.9	113
436	Incorporation of dietary nitrogen from fish meal and pea meal (<i>Pisum sativum</i>) in muscle tissue of Pacific white shrimp (<i>Litopenaeus vannamei</i>) fed low protein compound diets. <i>Aquaculture Research</i> , 2013, 44, 847-859.	0.9	20
437	The impact of agricultural land use changes on soil organic carbon dynamics in the Danjiangkou Reservoir area of China. <i>Plant and Soil</i> , 2013, 366, 415-424.	1.8	98
438	Bidirectional trophic linkages couple canopy and understory food webs. <i>Functional Ecology</i> , 2013, 27, 1436-1441.	1.7	18
439	Stable isotopes and fatty acids as dietary tracers of intertidal bivalves. <i>Fisheries Science</i> , 2013, 79, 749-756.	0.7	15
440	Importance of microbial soil organic matter processing in dissolved organic carbon production. <i>FEMS Microbiology Ecology</i> , 2013, 86, 139-148.	1.3	54
441	Comparison of the exploitation of methane-derived carbon by tubicolous and non-tubicolous chironomid larvae in a temperate eutrophic lake. <i>Limnology</i> , 2013, 14, 239-246.	0.8	11
442	Bayesian stable isotope mixing models. <i>Environmetrics</i> , 2013, 24, 387-399.	0.6	519
443	Diet of harbor porpoises along the Dutch coast: A combined stable isotope and stomach contents approach. <i>Marine Mammal Science</i> , 2013, 29, E295.	0.9	23
444	Sediment tracers in water erosion studies: current approaches and challenges. <i>Journal of Soils and Sediments</i> , 2013, 13, 816-833.	1.5	124
445	Incorporation of diet information derived from Bayesian stable isotope mixing models into mass-balanced marine ecosystem models: A case study from the Marennes-Oléron Estuary, France. <i>Ecological Modelling</i> , 2013, 267, 127-137.	1.2	27
446	Distribution and extirpation of pigs in Pacific Islands: a case study from Palau. <i>Archaeology in Oceania</i> , 2013, 48, 141-153.	1.2	11
447	Sources and impact of sulphate on groundwaters of Triassic carbonate aquifers, Upper Silesia, Poland. <i>Journal of Hydrology</i> , 2013, 486, 136-150.	2.3	38
448	Widespread non-microbial methane production by organic compounds and the impact of environmental stresses. <i>Earth-Science Reviews</i> , 2013, 127, 193-202.	4.0	48
449	Identifying the water sources consumed by bison: implications for large mammalian grazers worldwide. <i>Ecosphere</i> , 2013, 4, 1-13.	1.0	5
450	Isotope turnover rates and diet-tissue discrimination in skin of <i>ex situ</i> Bottlenose Dolphins (<i>Tursiops truncatus</i>). <i>Journal of Experimental Biology</i> , 2014, 217, 214-21.	0.8	77
451	Carbon sequestration under subtropical perennial pastures I: Overall trends. <i>Soil Research</i> , 2013, 51, 760.	0.6	21

#	ARTICLE	IF	CITATIONS
452	Trophic position and growth stages of Caddisfly (<i>Stenopsyche marmorata</i> Navas) larvae in the Echi River, Japan. <i>Limnology</i> , 2013, 14, 283-291.	0.8	6
453	Evaluating larval mosquito resource partitioning in western Kenya using stable isotopes of carbon and nitrogen. <i>Parasites and Vectors</i> , 2013, 6, 353.	1.0	13
454	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
455	Using ¹⁵ N, ¹⁷ O, and ¹⁸ O To Determine Nitrate Sources in the Yellow River, China. <i>Environmental Science & Technology</i> , 2013, 47, 13412-13421.	4.6	117
456	Resource partitioning among top predators in a Miocene food web. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122138.	1.2	32
457	The role of multiple partners in a digestive mutualism with a protocarnivorous plant. <i>Annals of Botany</i> , 2013, 111, 143-150.	1.4	30
458	Grazing and detritivory in 20 stream food webs across a broad pH gradient. <i>Oecologia</i> , 2013, 171, 459-471.	0.9	41
459	Distinct carbon sources indicate strong differentiation between tropical forest and farmland bird communities. <i>Oecologia</i> , 2013, 171, 473-486.	0.9	23
460	Predator hunting mode influences patterns of prey use from grazing and epigeic food webs. <i>Oecologia</i> , 2013, 171, 505-515.	0.9	26
461	Is ²²² Rn a suitable tracer of stream-groundwater interactions? A case study in central Italy. <i>Applied Geochemistry</i> , 2013, 32, 108-117.	1.4	21
462	Estimating diets of pre-spawning Atlantic bluefin tuna from stomach content and stable isotope analyses. <i>Journal of Sea Research</i> , 2013, 76, 187-192.	0.6	35
463	Pre-Hispanic agricultural decline prior to the Spanish Conquest in southern Central America. <i>Quaternary Science Reviews</i> , 2013, 73, 196-200.	1.4	13
464	Reforestation of <i>Pinus massoniana</i> alters soil organic carbon and nitrogen dynamics in eroded soil in south China. <i>Ecological Engineering</i> , 2013, 52, 154-160.	1.6	65
465	Cloud shading and fog drip influence the metabolism of a coastal pine ecosystem. <i>Global Change Biology</i> , 2013, 19, 484-497.	4.2	43
466	Foliar uptake of fog water and transport belowground alleviates drought effects in the cloud forest tree species, <i>Drymonia brasiliensis</i> (<i>Wunderliniaceae</i>). <i>New Phytologist</i> , 2013, 199, 151-162.	3.5	258
467	Nutrient Assimilation by First-Feeding African Catfish, <i>Clarias gariepinus</i> , Assessed Using Stable Isotope Analysis. <i>Journal of the World Aquaculture Society</i> , 2013, 44, 161-172.	1.2	7
468	Would East African savanna rodents inhibit woody encroachment? Evidence from stable isotopes and microhistological analysis of feces. <i>Journal of Mammalogy</i> , 2013, 94, 436-447.	0.6	25
469	Root and arbuscular mycorrhizal mycelial interactions with soil microorganisms in lowland tropical forest. <i>FEMS Microbiology Ecology</i> , 2013, 85, 37-50.	1.3	66

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470	Trophic fingerprint of fish communities in subtropical floodplain lakes. <i>Ecology of Freshwater Fish</i> , 2013, 22, 246-256.	0.7	19
471	Same size “ same niche? Foraging niche separation between sympatric juvenile Galapagos sea lions and adult Galapagos fur seals. <i>Journal of Animal Ecology</i> , 2013, 82, 694-706.	1.3	55
472	Funeral practices and foodstuff behaviour: What does eat meat mean? Stable isotope analysis of Middle Neolithic populations in the Languedoc region (France). <i>Journal of Anthropological Archaeology</i> , 2013, 32, 280-287.	0.7	26
473	Spatio-temporal variation in river otter (<i>Lontra canadensis</i>) diet and latrine site activity. <i>Ecoscience</i> , 2013, 20, 28-39.	0.6	17
474	Omnivores as seasonally important predators in a stream food web. <i>Freshwater Science</i> , 2013, 32, 548-562.	0.9	34
475	Differentiating the degradation dynamics of algal and terrestrial carbon within complex natural dissolved organic carbon in temperate lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 963-973.	1.3	121
476	Trophodynamics and functional feeding groups of North Sea fauna: a combined stable isotope and fatty acid approach. <i>Biogeochemistry</i> , 2013, 113, 189-212.	1.7	42
477	A Bayesian framework for stable isotope mixing models. <i>Environmental and Ecological Statistics</i> , 2013, 20, 377-397.	1.9	36
478	Stable Isotope Evidence of Neolithic Palaeodiets in the Coastal Regions of Southern Portugal. <i>Journal of Island and Coastal Archaeology</i> , 2013, 8, 361-383.	0.6	27
479	Variations of the nitrate isotopic composition in the St. Lawrence River caused by seasonal changes in atmospheric nitrogen inputs. <i>Biogeochemistry</i> , 2013, 115, 287-298.	1.7	30
480	Plastic changes in tadpole trophic ecology revealed by stable isotope analysis. <i>Oecologia</i> , 2013, 173, 95-105.	0.9	33
481	Hydrogen isotope variability in prairie wetland systems: implications for studies of migratory connectivity. , 2013, 23, 110-121.		14
482	Plant diversity affects behavior of generalist root herbivores, reduces crop damage, and enhances crop yield. <i>Ecological Applications</i> , 2013, 23, 1135-1145.	1.8	42
483	Why all those spines? Anachronistic defences in the Didiereoideae against now extinct lemurs. <i>South African Journal of Science</i> , 2013, 109, 7.	0.3	39
484	Contribution of nitrification and denitrification to nitrous oxide emissions in Andosol and from Fluvisol after coated urea application. <i>Soil Science and Plant Nutrition</i> , 2013, 59, 46-55.	0.8	22
485	Carbon dioxide emitted from live stems of tropical trees is several years old. <i>Tree Physiology</i> , 2013, 33, 743-752.	1.4	37
486	Trophic ecology drives spatial variability in growth among subpopulations of an exploited temperate reef fish. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2013, 47, 73-89.	0.8	9
487	Investigation of the Composition and Origin of Particulate Organic Matter in a Forested River. <i>Journal of Water and Environment Technology</i> , 2013, 11, 131-142.	0.3	1

#	ARTICLE	IF	CITATIONS
488	Distribution and sources of organic matter in surface sediments of the eastern continental margin of India. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1484-1494.	1.3	41
489	Biological and physical influences on soil $\delta^{14}\text{C}$ and $\delta^{13}\text{C}$ seasonal dynamics in a temperate hardwood forest. <i>Biogeosciences</i> , 2013, 10, 7999-8012.	1.3	28
490	Tracking Diet Preferences of Bats Using Stable Isotope and Fatty Acid Signatures of Faeces. <i>PLoS ONE</i> , 2013, 8, e83452.	1.1	34
491	Seasonal water use patterns of semi-arid plants in China. <i>Forestry Chronicle</i> , 2013, 89, 169-177.	0.5	12
492	The hydrological regime of a forested tropical Andean catchment. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 5377-5397.	1.9	48
493	Strontium Isotopes and the Reconstruction of the Chaco Regional System: Evaluating Uncertainty with Bayesian Mixing Models. <i>PLoS ONE</i> , 2014, 9, e95580.	1.1	22
494	Population Growth of the Cladoceran, <i>Daphnia magna</i> : A Quantitative Analysis of the Effects of Different Algal Food. <i>PLoS ONE</i> , 2014, 9, e95591.	1.1	15
495	Bayesian calibration of a soil organic carbon model using $\delta^{14}\text{C}$ measurements of soil organic carbon and heterotrophic respiration as joint constraints. <i>Biogeosciences</i> , 2014, 11, 2147-2168.	1.3	29
496	Phytoplankton Abundance Constrains Planktonic Energy Subsidy to Benthic Food Web. <i>Journal of Ecosystem & Ecography</i> , 2014, 04, .	0.2	2
497	Seascape-scale trophic links for fish on inshore coral reefs. <i>Coral Reefs</i> , 2014, 33, 897-907.	0.9	39
498	The use of visible and near-infrared reflectance measurements for identifying the source of suspended sediment in rivers and comparison with geochemical fingerprinting. <i>Journal of Soils and Sediments</i> , 2014, 14, 1869-1885.	1.5	13
499	Temporal changes in the contribution of methane-oxidizing bacteria to the biomass of chironomid larvae determined using stable carbon isotopes and ancient DNA. <i>Journal of Paleolimnology</i> , 2014, 52, 215-228.	0.8	39
500	The response of root and microbial respiration to the experimental warming of a boreal black spruce forest. <i>Canadian Journal of Forest Research</i> , 2014, 44, 986-993.	0.8	26
501	Habitat coupling in a large lake system: delivery of an energy subsidy by an offshore planktivore to the nearshore zone of Lake Superior. <i>Freshwater Biology</i> , 2014, 59, 1197-1212.	1.2	37
502	Phyllosphere Bacteria Improve Animal Contribution to Plant Nutrition. <i>Biotropica</i> , 2014, 46, 170-174.	0.8	11
503	Biochar addition rate influences soil microbial abundance and activity in temperate soils. <i>European Journal of Soil Science</i> , 2014, 65, 28-39.	1.8	272
504	Adapting to the wild: the case of aquaculture-produced and released meagre <i>Argyrosomus regius</i> . <i>Journal of Fish Biology</i> , 2014, 84, 10-30.	0.7	22
505	Minimising methodological biases to improve the accuracy of partitioning soil respiration using natural abundance $\delta^{13}\text{C}$. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2341-2351.	0.7	15

#	ARTICLE	IF	CITATIONS
506	Isotopic Evaluation of the Nutritional Contribution of Poultry By-product Meal and Fish Meal to the Growth of Pacific White Shrimp, <i>Litopenaeus vannamei</i> . Journal of the World Aquaculture Society, 2014, 45, 430-438.	1.2	7
507	Sensitivity of fluvial sediment source apportionment to mixing model assumptions: A Bayesian model comparison. Water Resources Research, 2014, 50, 9031-9047.	1.7	55
508	Application of isotopic mixing models for palaeodietary and paleoecological studies. Anthropologischer Anzeiger, 2014, 71, 21-39.	0.2	25
509	Feeding habits of young bluefin tuna (<i>Thunnus thynnus</i>) in the Bay of Biscay inferred from stomach-content and stable-isotope analyses. Marine Biodiversity Records, 2014, 7, .	1.2	8
510	Searching for the True Diet of Marine Predators: Incorporating Bayesian Priors into Stable Isotope Mixing Models. PLoS ONE, 2014, 9, e92665.	1.1	50
511	Relative contribution of lipid sources to eggs of lesser scaup. Journal of Avian Biology, 2014, 45, 197-201.	0.6	1
512	Variations in Diet and Stature: Are They Linked? Bioarchaeology and Paleodietary Bayesian Mixing Models from Linköping, Sweden. International Journal of Osteoarchaeology, 2014, 24, 543-556.	0.6	18
513	Isotopic tracing of perchlorate sources in groundwater from Pomona, California. Applied Geochemistry, 2014, 43, 80-87.	1.4	32
514	Partitioning oak woodland evapotranspiration in the rocky mountainous area of North China was disturbed by foreign vapor, as estimated based on non-steady-state ^{18}O isotopic composition. Agricultural and Forest Meteorology, 2014, 184, 36-47.	1.9	26
515	Aggregate formation and carbon sequestration by earthworms in soil from a temperate forest exposed to elevated atmospheric CO_2 : A microcosm experiment. Soil Biology and Biochemistry, 2014, 68, 223-230.	4.2	39
516	Concentration-dependent mixing models predict values of diet-derived stable isotope ratios in fish otoliths. Journal of Experimental Marine Biology and Ecology, 2014, 454, 63-69.	0.7	12
517	Differing <i>Daphnia magna</i> assimilation efficiencies for terrestrial, bacterial, and algal carbon and fatty acids. Ecology, 2014, 95, 563-576.	1.5	100
518	Nutrient Subsidies from Iteroparous Fish Migrations Can Enhance Stream Productivity. Ecosystems, 2014, 17, 522-534.	1.6	64
519	Hydrogen isotope discrimination in aquatic primary producers: implications for aquatic food web studies. Aquatic Sciences, 2014, 76, 217-229.	0.6	34
520	^{2}H isotopic flux partitioning of evapotranspiration over a grass field following a water pulse and subsequent dry down. Water Resources Research, 2014, 50, 1410-1432.	1.7	96
521	Atmospheric Nitrogen and Phosphorus Deposition at Three Sites in Nanjing, China, and Possible Links to Nitrogen Deposition Sources. Clean - Soil, Air, Water, 2014, 42, 1650-1659.	0.7	8
522	Inference for stable isotope mixing models: a study of the diet of dunlin. Journal of the Royal Statistical Society Series C: Applied Statistics, 2014, 63, 579-593.	0.5	2
523	Inter-annual variability in the proportional contribution of higher trophic levels to the diet of Pacific walrus. Polar Biology, 2014, 37, 597-609.	0.5	10

#	ARTICLE	IF	CITATIONS
524	Soil water uptake by trees using water stable isotopes ($\delta^2\text{H}$ and $\delta^{18}\text{O}$)—a method test regarding soil moisture, texture and carbonate. <i>Plant and Soil</i> , 2014, 376, 327-335.	1.8	103
525	Health of white sucker within the St. Louis River area of concern associated with habitat usage as assessed using stable isotopes. <i>Ecotoxicology</i> , 2014, 23, 236-251.	1.1	13
527	Differences in the contributions of dietary water to the hydrogen stable isotope ratios of cultured Atlantic salmon and Arctic charr tissues. <i>Hydrobiologia</i> , 2014, 721, 45-55.	1.0	18
528	High Arctic wetting reduces permafrost carbon feedbacks to climate warming. <i>Nature Climate Change</i> , 2014, 4, 51-55.	8.1	76
529	Biogenic methane contributes to the food web of a large, shallow lake. <i>Freshwater Biology</i> , 2014, 59, 272-285.	1.2	32
530	Isotopic Discrimination Factors ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) between Tissues and Diet of the Broad-Snouted Caiman (<i>Caiman latirostris</i>). <i>Journal of Herpetology</i> , 2014, 48, 332-337.	0.2	14
531	Utilization of organic matter by invertebrates along an estuarine gradient in an intermittently open estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 149, 232-243.	0.9	15
532	Microphytobenthos sustain fish food webs in intertidal arid habitats: A comparison between mangrove-lined and un-vegetated creeks in the Persian Gulf. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 149, 203-212.	0.9	40
533	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
534	Deposition of carbon nanotubes by a marine suspension feeder revealed by chemical and isotopic tracers. <i>Journal of Hazardous Materials</i> , 2014, 279, 32-37.	6.5	25
535	Combined use of tracer approach and numerical simulation to estimate groundwater recharge in an alluvial aquifer system: A case study of Nasunogahara area, central Japan. <i>Journal of Hydrology</i> , 2014, 519, 833-847.	2.3	40
536	Spatio-temporal Variability in Larval-Stage Feeding and Nutritional Sources as Factors Influencing Striped Bass (<i>Morone saxatilis</i>) Recruitment Success. <i>Estuaries and Coasts</i> , 2014, 37, 561-575.	1.0	12
537	Combined Source Apportionment and Degradation Quantification of Organic Pollutants with CSIA: 1. Model Derivation. <i>Environmental Science & Technology</i> , 2014, 48, 6220-6228.	4.6	17
538	Foraging ecology and choice of feeding habitat in the New Zealand Fairy Tern <i>Sternula nereis davisae</i> . <i>Bird Conservation International</i> , 2014, 24, 72-87.	0.7	8
539	Concentrations and trophic magnification of cyclic siloxanes in aquatic biota from the Western Basin of Lake Erie, Canada. <i>Environmental Pollution</i> , 2014, 186, 141-148.	3.7	52
540	Naphthalene addition to soil surfaces: A feasible method to reduce soil micro-arthropods with negligible direct effects on soil C dynamics. <i>Applied Soil Ecology</i> , 2014, 74, 21-29.	2.1	34
541	Effects of acid treatment on carbon and nitrogen stable isotope ratios in ecological samples: a review and synthesis. <i>Methods in Ecology and Evolution</i> , 2014, 5, 541-550.	2.2	123
542	The Use of Stable Isotopes Analysis in Wildlife Studies. , 2014, , 159-174.		0

#	ARTICLE	IF	CITATIONS
543	Labile carbon retention compensates for CO ₂ released by priming in forest soils. <i>Global Change Biology</i> , 2014, 20, 1943-1954.	4.2	171
544	Nutritional role of natural productivity and formulated feed in semi-intensive shrimp farming as indicated by natural stable isotopes. <i>Reviews in Aquaculture</i> , 2014, 6, 36-47.	4.6	20
545	Increased belowground carbon inputs and warming promote loss of soil organic carbon through complementary microbial responses. <i>Soil Biology and Biochemistry</i> , 2014, 76, 57-69.	4.2	115
546	Does the addition of labile substrate destabilise old soil organic matter?. <i>Soil Biology and Biochemistry</i> , 2014, 76, 149-160.	4.2	86
547	Prey preferences of sympatric fin (<i>Balaenoptera physalus</i>) and humpback (<i>Megaptera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 242-258.	0.9	44
548	Stable isotopes dissect aquatic food webs from the top to the bottom. <i>Biogeosciences</i> , 2014, 11, 2357-2371.	1.3	177
549	From earth and ocean: investigating the importance of cross-ecosystem resource linkages to a mobile estuarine consumer. <i>Ecosphere</i> , 2014, 5, 1-23.	1.0	18
550	Biochar mineralization and priming effect on SOM decomposition in two European short rotation coppices. <i>GCB Bioenergy</i> , 2015, 7, 1150-1160.	2.5	66
551	Effects of hypolimnetic oxygenation on the dietary consumption of methane-oxidizing bacteria by <i>Chironomus</i> larvae in dimictic mesotrophic lakes. <i>Freshwater Science</i> , 2015, 34, 1293-1303.	0.9	3
552	Diversity of nitrogen fixation strategies in Mediterranean legumes. <i>Nature Plants</i> , 2015, 1, 15064.	4.7	83
553	A dual-isotope approach to allow conclusive partitioning between three sources. <i>Nature Communications</i> , 2015, 6, 8708.	5.8	30
554	Late Summer Fog Use In The Drought Deciduous Shrub, <i>Artemisia californica</i> (Asteraceae). <i>Madroño</i> , 2015, 62, 150.	0.3	4
555	Trophic structure and food resources of epipelagic and mesopelagic fishes in the North Pacific subtropical gyre ecosystem inferred from nitrogen isotopic compositions. <i>Limnology and Oceanography</i> , 2015, 60, 1156-1171.	1.6	118
556	Stable isotope signatures and trophic-step fractionation factors of fish tissues collected as non-lethal surrogates of dorsal muscle. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1535-1544.	0.7	36
557	Long-term and high-frequency non-destructive monitoring of water stable isotope profiles in an evaporating soil column. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4067-4080.	1.9	67
558	Feeding and Digestion in Elasmobranchs: Tying Diet and Physiology Together. <i>Fish Physiology</i> , 2015, 34, 347-394.	0.2	10
559	Assessing the Impact of Afforestation on Soil Organic C Sequestration by Means of Sequential Density Fractionation. <i>PLoS ONE</i> , 2015, 10, e0117897.	1.1	4
560	Experimentally Derived ¹³ C and ¹⁵ N Discrimination Factors for Gray Wolves and the Impact of Prior Information in Bayesian Mixing Models. <i>PLoS ONE</i> , 2015, 10, e0119940.	1.1	24

#	ARTICLE	IF	CITATIONS
561	Isotopic Differences between Forage Consumed by a Large Herbivore in Open, Closed, and Coastal Habitats: New Evidence from a Boreal Study System. PLoS ONE, 2015, 10, e0142781.	1.1	4
562	Soil Respiration. , 2015, , .		9
563	Why is small mammal diversity higher in riparian areas than in uplands?. Journal of Arid Environments, 2015, 119, 41-50.	1.2	20
564	Root distribution of <i>Nitraria sibirica</i> with seasonally varying water sources in a desert habitat. Journal of Plant Research, 2015, 128, 613-622.	1.2	33
565	Size-dependent feeding of omnivorous Nile tilapia in a macrophyte-dominated lake: implications for lake management. Hydrobiologia, 2015, 749, 125-134.	1.0	25
566	Paleodemography of Late Holocene hunter-gatherers from Patagonia (Santa Cruz, Argentina): An approach using multiple archaeological and bioarchaeological indicators. Quaternary International, 2015, 356, 147-158.	0.7	33
567	The influence of seasonality and species effects on surface fine roots and nodulation in tropical legume tree plantations. Plant and Soil, 2015, 388, 187-196.	1.8	14
568	Diet composition and seasonal feeding patterns of a freshwater ringed seal (<i>Pusa hispida</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	15
569	Isotopic variability in a stream longitudinal gradient: implications for trophic ecology. Aquatic Sciences, 2015, 77, 231-260.	0.6	9
570	Assemblages and paleo-diet variability of subfossil Chironomidae (Diptera) from a deep lake (Lake Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.0	10
571	A case study of the past CH ₄ cycle in lakes by the combined use of dual isotopes (carbon and hydrogen) and ancient DNA of methane-oxidizing bacteria: rearing experiment and application to Lake Remoray (eastern France). Aquatic Ecology, 2015, 49, 279-291.	0.7	23
572	Relative contribution of natural productivity and compound feed to tissue growth in blue shrimp (<i>Litopenaeus stylirostris</i>) reared in biofloc: Assessment by C and N stable isotope ratios and effect on key digestive enzymes. Aquaculture, 2015, 448, 288-297.	1.7	43
573	Reply to the comments by P. Bennett on "Isotopic tracing of perchlorate sources in groundwater of Pomona, California" by N.C. Sturchio, A. Beloso Jr., L.J. Heraty, S. Wheatcraft, and R. Schumer. Applied Geochemistry, 2015, 52, 195-196.	1.4	2
574	Interaction between groundwater and trees in an arid site: Potential impacts of climate variation and groundwater abstraction on trees. Journal of Hydrology, 2015, 528, 435-448.	2.3	55
575	Apportioning sources of organic matter in streambed sediments: An integrated molecular and compound-specific stable isotope approach. Science of the Total Environment, 2015, 520, 187-197.	3.9	73
576	Lignin biochemistry and soil N determine crop residue decomposition and soil priming. Biogeochemistry, 2015, 124, 335-351.	1.7	71
577	Community structure and dietary pathways for invertebrates on intertidal coral reef flats. Food Webs, 2015, 3, 7-16.	0.5	7
578	Quantifying uncertainty in stable isotope mixing models. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 903-923.	1.3	43

#	ARTICLE	IF	CITATIONS
579	Isotopic tracking of large carnivore palaeoecology in the mammoth steppe. <i>Quaternary Science Reviews</i> , 2015, 117, 42-71.	1.4	115
580	A low $\delta^{13}C$ ratio in <i>Daphnia</i> indicates terrestrial resource utilization and poor nutritional condition. <i>Journal of Plankton Research</i> , 2015, 37, 596-610.	0.8	42
581	Technical note: A linear model for predicting $\delta^{13}C_{protein}$. <i>American Journal of Physical Anthropology</i> , 2015, 157, 694-703.	2.1	39
582	Stable isotope-based statistical tools as ecological indicator of pollution sources in Mediterranean transitional water ecosystems. <i>Ecological Indicators</i> , 2015, 55, 23-31.	2.6	30
583	Quantifying trophic niche spaces of small mammals using stable isotopes ($\delta^{15}N$ and $\delta^{13}C$). <i>Journal of Animal Ecology</i> , 2015, 84, 1010-1018.	0.4	32
584	Partitioning of evapotranspiration using high-frequency water vapor isotopic measurement over a rice paddy field. <i>Water Resources Research</i> , 2015, 51, 3716-3729.	1.7	63
585	Studying the impact of living roots on the decomposition of soil organic matter in two different forestry-drained peatlands. <i>Plant and Soil</i> , 2015, 396, 59-72.	1.8	17
586	Addition of crop residues affects a detritus-based food chain depending on litter type and farming system. <i>Basic and Applied Ecology</i> , 2015, 16, 746-754.	1.2	13
587	Iron Age migration on the island of Åland: Apportionment of Strontium by means of Bayesian mixing analysis. <i>Journal of Archaeological Science</i> , 2015, 64, 30-45.	1.2	29
588	Assessing anthropogenic pressures on coastal marine ecosystems using stable CNS isotopes: State of the art, knowledge gaps, and community-scale perspectives. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 156, 195-204.	0.9	44
589	Variations of soil water isotopes and effective contribution times of precipitation and throughfall to alpine soil water, in Wolong Nature Reserve, China. <i>Catena</i> , 2015, 126, 201-208.	2.2	34
590	Reorganization of a marine trophic network along an inshore-offshore gradient due to stronger pelagic-benthic coupling in coastal areas. <i>Progress in Oceanography</i> , 2015, 130, 157-171.	1.5	71
591	Hydrologic Impacts of Municipal Wastewater Irrigation to a Temperate Forest Watershed. <i>Journal of Environmental Quality</i> , 2016, 45, 1303-1312.	1.0	14
593	Ontogenetic dietary shifts of largemouth bass do not increase trophic position in a shallow eutrophic lake in Japan. <i>Annales De Limnologie</i> , 2016, 52, 355-364.	0.6	6
594	Species-Specific Effects of Ant Inhabitants on Bromeliad Nutrition. <i>PLoS ONE</i> , 2016, 11, e0152113.	1.1	15
595	Linking foraging behavior and diet in a diving seabird. <i>Marine Ecology</i> , 2016, 37, 419-432.	0.4	11
596	The dominant detritus-feeding invertebrate in Arctic peat soils derives its essential amino acids from gut symbionts. <i>Journal of Animal Ecology</i> , 2016, 85, 1275-1285.	1.3	40
597	Increase in benthic trophic reliance on methane in 14 French lakes during the Anthropocene. <i>Freshwater Biology</i> , 2016, 61, 1105-1118.	1.2	14

#	ARTICLE	IF	CITATIONS
598	Fine-scale spatial differences in humpback whale diet composition near Kodiak, Alaska. <i>Marine Mammal Science</i> , 2016, 32, 1099-1114.	0.9	5
599	A small number of anadromous females drive reproduction in a brown trout (<i>Salmo trutta</i>) population in an English chalk stream. <i>Freshwater Biology</i> , 2016, 61, 1075-1089.	1.2	22
600	Feeding ecology and prey resource partitioning of lenok (<i>Brachymystax lenok</i>) and Baikal grayling (<i>Thymallus arcticus baicalensis</i>) in the Eg and Uur rivers, Mongolia. <i>Ecology of Freshwater Fish</i> , 2016, 25, 565-576.	0.7	14
601	Ontogenetic and sexual characterization of the feeding habits of franciscanas, <i>Pontoporia blainvillei</i> , based on tooth dentin carbon and nitrogen stable isotopes. <i>Marine Mammal Science</i> , 2016, 32, 1115-1137.	0.9	27
602	Advances in primate stable isotope ecology—Achievements and future prospects. <i>American Journal of Primatology</i> , 2016, 78, 995-1003.	0.8	13
603	Freezing and fractionation: effects of preservation on carbon and nitrogen stable isotope ratios of some limnetic organisms. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 562-568.	0.7	5
604	Understanding the variability of water isotopologues in near-surface atmospheric moisture over a humid subtropical rice paddy in Tsukuba, Japan. <i>Journal of Hydrology</i> , 2016, 533, 91-102.	2.3	34
605	Long-term fertilization alters chemically-separated soil organic carbon pools: Based on stable C isotope analyses. <i>Scientific Reports</i> , 2016, 6, 19061.	1.6	38
606	Pelagic or benthic prey? Combining trophic analyses to infer the diet of a breeding South American seabird, the Red-legged Cormorant, <i>Phalacrocorax gaimardi</i> . <i>Emu</i> , 2016, 116, 360-369.	0.2	11
607	Quantifying Sediment Provenance Using Multiple Composite Fingerprints in a Small Watershed in Oklahoma. <i>Journal of Environmental Quality</i> , 2016, 45, 1296-1302.	1.0	11
608	Analysis of $\delta^{13}C$ and $\delta^{15}N$ isotopic signatures to shed light on the hydrological cycle's influence on the trophic behavior of fish in a Mediterranean reservoir. <i>Biologia (Poland)</i> , 2016, 71, 1395-1403.	0.8	1
609	Microchemical and Schlerochronological Analyses Used to Infer Fish Migration. , 2016, , 157-176.		14
610	Radiocarbon and Climate Change. , 2016, , .		33
611	Tree species's influences on soil carbon dynamics revealed with natural abundance ^{13}C techniques. <i>Plant and Soil</i> , 2016, 400, 285-296.	1.8	9
612	Solute sources and geochemical processes in Subglacial Lake Whillans, West Antarctica. <i>Geology</i> , 2016, 44, 347-350.	2.0	43
613	Foraging behavior of the mangrove sesarmid crab <i>Neosarmatium trispinosum</i> enhances food intake and nutrient retention in a low-quality food environment. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 174, 41-48.	0.9	24
614	Use of near-infrared reflectance spectroscopy to quantify diet mixing in a generalist marine herbivore. <i>Marine Biology</i> , 2016, 163, 1.	0.7	1
615	Patterns of woody plant-derived soil carbon losses and persistence after brush management in a semi-arid grassland. <i>Plant and Soil</i> , 2016, 406, 277-293.	1.8	16

#	ARTICLE	IF	CITATIONS
616	Contribution of bioflocs to the culture of <i>Litopenaeus vannamei</i> post-larvae determined using stable isotopes. <i>Aquaculture International</i> , 2016, 24, 1473-1487.	1.1	16
617	A detection problem: Sensitivity and uncertainty analysis of a land surface temperature approach to detecting dynamics of water use by groundwater-dependent vegetation. <i>Environmental Modelling and Software</i> , 2016, 85, 342-355.	1.9	5
618	Aggregation of European storm-petrel (<i>Hydrobates pelagicus</i> ssp. <i>melitensis</i>) around cage fish farms. Do they benefit from the farm's resources?. <i>Marine Environmental Research</i> , 2016, 122, 46-58.	1.1	8
619	Variations in nitrate isotope composition of wastewater effluents by treatment type in Hong Kong. <i>Marine Pollution Bulletin</i> , 2016, 111, 143-152.	2.3	50
620	Bayesian nitrate source apportionment to individual groundwater wells in the Central Valley by use of elemental and isotopic tracers. <i>Water Resources Research</i> , 2016, 52, 5577-5597.	1.7	16
621	Evidence for limited trophic transfer of allochthonous energy in temperate river food webs. <i>Freshwater Science</i> , 2016, 35, 544-558.	0.9	31
622	Spatial, seasonal and individual variation in the diet of White-tailed Eagles (<i>Haliaeetus albicilla</i>) assessed using stable isotope ratios. <i>Ibis</i> , 2016, 158, 1-15.	1.0	27
623	Trade-off between soluble protein production and nutritional storage in Bromeliaceae. <i>Annals of Botany</i> , 2016, 118, 1199-1208.	1.4	12
624	Constrained partitioning of autotrophic and heterotrophic respiration reduces model uncertainties of forest ecosystem carbon fluxes but not stocks. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2476-2492.	1.3	25
625	Trophic niche partitioning and diet composition of sympatric fin (<i>Balaenoptera physalus</i>) and humpback whales (<i>Megaptera novaeangliae</i>) in the Gulf of Alaska revealed through stable isotope analysis. <i>Marine Mammal Science</i> , 2016, 32, 1319-1339.	0.9	21
626	Episodic, seasonal, and annual export of atmospheric and microbial nitrate from a temperate forest. <i>Geophysical Research Letters</i> , 2016, 43, 683-691.	1.5	18
627	Exploring Dietary Patterns in the Southernmost Limit of Prehispanic Agriculture in America by Using Bayesian Stable Isotope Mixing Models. <i>Current Anthropology</i> , 2016, 57, 230-239.	0.8	15
628	An enhanced Bayesian fingerprinting framework for studying sediment source dynamics in intensively managed landscapes. <i>Water Resources Research</i> , 2016, 52, 4646-4673.	1.7	54
629	Terrestrial carbohydrates support freshwater zooplankton during phytoplankton deficiency. <i>Scientific Reports</i> , 2016, 6, 30897.	1.6	64
630	Evaluating the Relative Importance of Groundwater Recharge Sources in a Subtropical Alluvial Plain Using Tracer-Based Ternary End Member Mixing Analysis (EMMA). <i>Water Resources Management</i> , 2016, 30, 3861-3878.	1.9	19
632	Amino Acid Specific Stable Nitrogen Isotope Values in Avian Tissues: Insights from Captive American Kestrels and Wild Herring Gulls. <i>Environmental Science & Technology</i> , 2016, 50, 12928-12937.	4.6	48
633	Soil organic carbon dynamics under long-term fertilization in a black soil of China: Evidence from stable C isotopes. <i>Scientific Reports</i> , 2016, 6, 21488.	1.6	37
634	Distribution and attachment characteristics of <i>Sida crystallina</i> (O.F. Müller, 1776) in lentic freshwater ecosystems of South Korea. <i>Journal of Ecology and Environment</i> , 2016, 40, .	1.6	2

#	ARTICLE	IF	CITATIONS
635	The impact of an inverse climate- ¹⁸ O isotope relationship in soil water on the oxygen- ¹⁸ O isotope composition of <i>Larix gmelinii</i> in Siberia. <i>New Phytologist</i> , 2016, 209, 955-964.	3.5	50
636	Radiocarbon Nomenclature, Theory, Models, and Interpretation: Measuring Age, Determining Cycling Rates, and Tracing Source Pools. , 2016, , 45-82.		31
637	Dissolved Organic Carbon Reduces Habitat Coupling by Top Predators in Lake Ecosystems. <i>Ecosystems</i> , 2016, 19, 955-967.	1.6	25
638	Using stable isotope analysis to determine the contribution of naturally occurring pond biota and supplementary feed to the diet of farmed Australian freshwater crayfish, redclaw (<i>Cherax</i>)	1.0	10
639	Isotope-based partitioning of streamflow in the oil sands region, northern Alberta: Towards a monitoring strategy for assessing flow sources and water quality controls. <i>Journal of Hydrology: Regional Studies</i> , 2016, 5, 131-148.	1.0	37
640	Stable isotope on the evaluation of water quality in the presence of WWTPs in rivers. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18175-18182.	2.7	12
641	Three-source partitioning of soil respiration by ¹³ C natural abundance and its variation with soil depth in a plantation. <i>Journal of Forestry Research</i> , 2016, 27, 533-540.	1.7	14
642	Contribution of recycled moisture to precipitation in oases of arid central Asia: A stable isotope approach. <i>Water Resources Research</i> , 2016, 52, 3246-3257.	1.7	95
643	Relative contribution of alternative proteins to the growth of Juvenile Cobia, <i>Rachycentron canadum</i> (Linnaeus). <i>Aquaculture Research</i> , 2016, 47, 1639-1651.	0.9	3
644	Distribution and nature of sedimentary organic matter in a tropical estuary: An indicator of human intervention on environment. <i>Marine Pollution Bulletin</i> , 2016, 102, 176-186.	2.3	17
645	Effects of nitrogen deposition on nitrogen acquisition by <i>Sarracenia purpurea</i> in the Adirondack Mountains, New York, USA. <i>Journal of the Torrey Botanical Society</i> , 2016, 143, 8-20.	0.1	2
646	Spatial variations in feeding habits and trophic levels of two small pelagic fish species in the central Mediterranean Sea. <i>Marine Environmental Research</i> , 2016, 115, 65-77.	1.1	50
647	Mycorrhizal contribution to soil respiration in an apple orchard. <i>Applied Soil Ecology</i> , 2016, 101, 165-173.	2.1	17
648	Climate controls on spatial and temporal variations in the formation of pedogenic carbonate in the western Great Basin of North America. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1095-1104.	1.6	25
649	Limited variation in proportional contributions of auto- and heterotrophic soil respiration, despite large differences in vegetation structure and function in the Low Arctic. <i>Biogeochemistry</i> , 2016, 127, 339-351.	1.7	9
650	Using multiple composite fingerprints to quantify fine sediment source contributions: A new direction. <i>Geoderma</i> , 2016, 268, 108-118.	2.3	61
651	Using cesium-137 to quantify sediment source contribution and uncertainty in a small watershed. <i>Catena</i> , 2016, 140, 116-124.	2.2	22
652	20th century human pressures drive reductions in deepwater oxygen leading to losses of benthic methane-based food webs. <i>Quaternary Science Reviews</i> , 2016, 137, 209-220.	1.4	17

#	ARTICLE	IF	CITATIONS
653	Stream Nitrogen Inputs Reflect Groundwater Across a Snowmelt-Dominated Montane to Urban Watershed. <i>Environmental Science & Technology</i> , 2016, 50, 1137-1146.	4.6	31
654	Effects of land-use patterns on in-stream nitrogen in a highly-polluted river basin in Northeast China. <i>Science of the Total Environment</i> , 2016, 553, 232-242.	3.9	40
655	Strontium concentrations and isotope ratios in a forest-river system in the South Qinling Mts., China. <i>Water Research</i> , 2016, 93, 91-97.	5.3	10
656	Shifts in soil organic carbon and nitrogen dynamics for afforestation in central China. <i>Ecological Engineering</i> , 2016, 87, 263-270.	1.6	34
657	Changes in soil organic matter composition after afforestation of arable farmland in northeast China. <i>Chemistry and Ecology</i> , 2016, 32, 201-220.	0.6	3
658	Sources of water used by <i>Pinus sylvestris</i> var. <i>mongolica</i> trees based on stable isotope measurements in a semiarid sandy region of Northeast China. <i>Agricultural Water Management</i> , 2016, 164, 281-290.	2.4	49
659	Nutritional contribution of torula yeast and fish meal to the growth of shrimp <i>Litopenaeus vannamei</i> as indicated by natural nitrogen stable isotopes. <i>Aquaculture</i> , 2016, 453, 116-121.	1.7	37
660	Selective consumption and metabolic allocation of terrestrial and algal carbon determine allochthony in lake bacteria. <i>ISME Journal</i> , 2016, 10, 1373-1382.	4.4	103
661	Rooting depth, water relations and non-structural carbohydrate dynamics in three woody angiosperms differentially affected by an extreme summer drought. <i>Plant, Cell and Environment</i> , 2016, 39, 618-627.	2.8	126
662	Carbon and nitrogen isotope composition of natural pastures in the dry Puna of Argentina: a baseline for the study of prehistoric herd management strategies. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 153-163.	0.7	19
663	Combined gut-content and stable isotope trophic analysis of the pelagic stingray <i>Pteroplytrygon violacea</i> (Bonaparte, 1832) diet from the western North Atlantic Ocean. <i>Journal of Applied Ichthyology</i> , 2017, 33, 386-394.	0.3	4
664	Identification of Burrowing Shrimp Food Sources Along an Estuarine Gradient Using Fatty Acid Analysis and Stable Isotope Ratios. <i>Estuaries and Coasts</i> , 2017, 40, 1113-1130.	1.0	17
665	Varying water utilization of <i>Haloxyylon ammodendron</i> plantations in a desert-oasis ecotone. <i>Hydrological Processes</i> , 2017, 31, 825-835.	1.1	54
666	Labile carbon and nitrogen additions affect soil organic matter decomposition more strongly than temperature. <i>Applied Soil Ecology</i> , 2017, 114, 152-160.	2.1	50
667	Aquatic food-web structure along a salinized dryland river. <i>Freshwater Biology</i> , 2017, 62, 681-694.	1.2	27
668	Stable sulfur isotopes identify habitat-specific foraging and mercury exposure in a highly mobile fish community. <i>Science of the Total Environment</i> , 2017, 586, 338-346.	3.9	24
669	Source water contributions and hydrologic responses to simulated emerald ash borer infestations in depressional black ash wetlands. <i>Ecohydrology</i> , 2017, 10, e1862.	1.1	20
670	Source organic matter analysis of saltmarsh sediments using ¹³ C SIAR and its application in relative sea-level studies in regions of ⁴ C plant invasion. <i>Boreas</i> , 2017, 46, 642-654.	1.2	16

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671	Verification of tropical cyclone deposits with oxygen isotope analyses of coeval ostracod valves. <i>Journal of Paleolimnology</i> , 2017, 57, 245-255.	0.8	12
672	Isotopic signatures of stem water reveal differences in water sources accessed by mangrove tree species. <i>Hydrobiologia</i> , 2017, 803, 133-145.	1.0	26
673	Newly sequestered soil organic carbon varies with soil depth and tree species in three forest plantations from northeastern China. <i>Forest Ecology and Management</i> , 2017, 400, 384-395.	1.4	13
674	Effects of spawning Atlantic salmon (<i>Salmo salar</i>) on total lipid content and fatty acid composition of river food webs. <i>Ecosphere</i> , 2017, 8, e01818.	1.0	8
675	Tracing nitrogen cycling in mining waters using stable nitrogen isotope analysis. <i>Applied Geochemistry</i> , 2017, 84, 41-51.	1.4	12
676	Nitrogen fertilization increases rhizodeposit incorporation into microbial biomass and reduces soil organic matter losses. <i>Biology and Fertility of Soils</i> , 2017, 53, 419-429.	2.3	65
677	The $\delta^{18}\text{O}$ and $\delta^2\text{H}$ of water in the leaf growth and differentiation zone of grasses is close to source water in both humid and dry atmospheres. <i>New Phytologist</i> , 2017, 214, 1423-1431.	3.5	30
678	Allochthonous and autochthonous carbon flows in food webs of tropical forest streams. <i>Freshwater Biology</i> , 2017, 62, 1012-1023.	1.2	60
679	Tracing groundwater recharge sources beneath a reservoir on a mountain-front plain using hydrochemistry and stable isotopes. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 1447-1457.	1.0	8
680	Archaeological Earthen Mound Complex in Patos Lagoon, Southern Brazil: Chronological Model and Freshwater Influence. <i>Radiocarbon</i> , 2017, 59, 195-214.	0.8	22
681	Spatiotemporal variation of the surface water effect on the groundwater recharge in a low-precipitation region: Application of the multi-tracer approach to the Taihang Mountains, North China. <i>Journal of Hydrology</i> , 2017, 545, 132-144.	2.3	33
682	Measuring ^{13}C -enriched CO_2 in air with a cavity ring-down spectroscopy gas analyser: Evaluation and calibration. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1892-1902.	0.7	11
683	Trophic structure of mesopelagic fishes in the Gulf of Mexico revealed by gut content and stable isotope analyses. <i>Marine Ecology</i> , 2017, 38, e12449.	0.4	45
684	Seasonal dynamics of particulate organic matter and its response to flooding in the Pearl River estuary, China, revealed by stable isotope (^{13}C and ^{15}N) analyses. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 6835-6856.	1.0	72
685	Nutritional support of inland aquatic food webs by aged carbon and organic matter. <i>Limnology and Oceanography Letters</i> , 2017, 2, 131-149.	1.6	17
686	Diet of the prehistoric population of Rapa Nui (Easter Island, Chile) shows environmental adaptation and resilience. <i>American Journal of Physical Anthropology</i> , 2017, 164, 343-361.	2.1	61
687	Utilization of dietary carbohydrates by sea cucumber <i>Apostichopus japonicus</i> (Selenka) as indicated by carbon stable isotope analysis. <i>Aquaculture Research</i> , 2017, 48, 6001-6008.	0.9	3
688	Advances in the application of amino acid nitrogen isotopic analysis in ecological and biogeochemical studies. <i>Organic Geochemistry</i> , 2017, 113, 150-174.	0.9	213

#	ARTICLE	IF	CITATIONS
689	Hydrochar enhances growth of poplar for bioenergy while marginally contributing to direct soil carbon sequestration. <i>GCB Bioenergy</i> , 2017, 9, 1618-1626.	2.5	31
690	Using stable isotope analysis to assess the effects of hypolimnetic oxygenation on diet in a mixed cold- and warmwater fish community. <i>Environmental Biology of Fishes</i> , 2017, 100, 1007-1017.	0.4	2
691	Root-derived nitrous oxide emissions from an Upper Midwest agricultural ecosystem. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 109, 57-75.	1.1	2
692	Strontium isotopes are consistent with low elevation foraging limits for Henst's goshawk. <i>Wildlife Society Bulletin</i> , 2017, 41, 743-751.	1.6	6
693	Increasing crop diversity increased soil microbial activity, nitrogen-sourcing and crop nitrogen, but not soil microbial diversity. <i>South African Journal of Plant and Soil</i> , 2017, 34, 371-378.	0.4	8
694	Multiple Methods to Partition Evapotranspiration in a Maize Field. <i>Journal of Hydrometeorology</i> , 2017, 18, 139-149.	0.7	30
695	Assessment of the relative contribution of dietary nitrogen from fish meal and biofloc meal to the growth of Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Aquaculture Research</i> , 2017, 48, 2963-2972.	0.9	13
696	Impacts of Endangered Seabirds on Nutrient Cycling in Montane Forest Ecosystems of Hawaii. <i>Pacific Science</i> , 2017, 71, 495-509.	0.2	9
697	Food Composition for Blue Mussels (<i>Mytilus edulis</i>) in the Menai Strait, UK, Based on Physical and Biochemical Analyses. <i>Journal of Shellfish Research</i> , 2017, 36, 659-668.	0.3	7
698	Reviews and syntheses: Isotopic approaches to quantify root water uptake: a review and comparison of methods. <i>Biogeosciences</i> , 2017, 14, 2199-2224.	1.3	200
699	Evaluation of anthropogenic influences on the Lhuaitou fringing reef via spatial and temporal analyses (from isotopic values). <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4431-4443.	1.0	10
701	Long-term effects of climate change on carbon flows through benthic secondary production in small lakes. <i>Freshwater Biology</i> , 2018, 63, 530-538.	1.2	10
702	Isotope mixing models require individual isotopic tracer content for correct quantification of sediment source contributions. <i>Hydrological Processes</i> , 2018, 32, 981-989.	1.1	21
703	Widespread occurrence of distinct alkenones from Group I haptophytes in freshwater lakes: Implications for paleotemperature and paleoenvironmental reconstructions. <i>Earth and Planetary Science Letters</i> , 2018, 492, 239-250.	1.8	53
704	Soil organic carbon and nitrogen dynamics induced by continuous maize cropping compared to maize-soya bean rotation. <i>European Journal of Soil Science</i> , 2018, 69, 535-544.	1.8	13
705	The benthos as the basis of vendace, <i>Coregonus albula</i> , and perch, <i>Perca fluviatilis</i> , diets in an oligotrophic sub-Arctic lake. <i>Polar Biology</i> , 2018, 41, 1789-1799.	0.5	14
706	Microbial mechanisms of carbon priming effects revealed during the interaction of crop residue and nutrient inputs in contrasting soils. <i>Global Change Biology</i> , 2018, 24, 2775-2790.	4.2	201
707	The Viking Great Army in England: new dates from the Repton chanel. <i>Antiquity</i> , 2018, 92, 183-199.	0.5	17

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708	Estimating Wetland Connectivity to Streams in the Prairie Pothole Region: An Isotopic and Remote Sensing Approach. <i>Water Resources Research</i> , 2018, 54, 955-977.	1.7	46
709	Temporal trends in a biomagnifying contaminant: Application of amino acid compound-specific stable nitrogen isotope analysis to the interpretation of bird mercury levels. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1458-1465.	2.2	32
710	Aquatic food web dynamics following incorporation of nutrients derived from Atlantic anadromous fishes. <i>Journal of Fish Biology</i> , 2018, 92, 399-419.	0.7	20
711	Groundwater supports intermittent-stream food webs. <i>Freshwater Science</i> , 2018, 37, 42-53.	0.9	10
712	Contribution of sea ice microbial production to Antarctic benthic communities is driven by sea ice dynamics and composition of functional guilds. <i>Global Change Biology</i> , 2018, 24, 3642-3653.	4.2	31
713	Stomach contents and stable isotopes analysis indicate <i>Hemimysis anomala</i> in Lake Ontario are broadly omnivorous. <i>Journal of Great Lakes Research</i> , 2018, 44, 467-475.	0.8	6
714	Integrating abundance and diet data to improve inferences of food web dynamics. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1581-1591.	2.2	5
715	Assessing resource use patterns of Mediterranean loggerhead sea turtles (<i>Caretta caretta</i> (Linnaeus, 1758) through stable isotope analysis. , 2018, 85, 71-87.		18
716	Simulated eutrophication and browning alters zooplankton nutritional quality and determines juvenile fish growth and survival. <i>Ecology and Evolution</i> , 2018, 8, 2671-2687.	0.8	58
717	Potential of microbial-derived nutrients for aquaculture development. <i>Reviews in Aquaculture</i> , 2018, 10, 224-246.	4.6	70
718	Trophic ecology of adult male <i>Odonata</i> . <i>Dietary contributions of aquatic food sources</i> . <i>Ecological Entomology</i> , 2018, 43, 15-27.	1.1	6
719	Origin of calcium sulfate-type water in the Triassic carbonate thermal water system in Chongqing, China: A chemical and isotopic reconnaissance. <i>Applied Geochemistry</i> , 2018, 89, 49-58.	1.4	21
720	Stable isotope mixing models fail to estimate the diet of an avian predator. <i>Auk</i> , 2018, 135, 60-70.	0.7	26
721	Replacement of dietary macroalgae with corn starch in juvenile sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Aquaculture Nutrition</i> , 2018, 24, 1024-1033.	1.1	4
722	The use of the ^{15}N stable isotope technique to improve the management of nitrogen nutrition of fruit trees – a mini review. <i>Acta Horticulturae</i> , 2018, , 191-200.	0.1	1
723	Mixing models and stable isotopes as tools for research on feeding aquatic organisms. <i>Ciencia Rural</i> , 2018, 48, .	0.3	1
725	Stable Isotope Clues to the Formation and Evolution of Refrozen Melt Ponds on Arctic Sea Ice. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8887-8901.	1.0	8
728	Contextual Dimensions of Health and Lifestyle. , 2018, , 11-51.		1

#	ARTICLE	IF	CITATIONS
729	Multidimensional Patterns of European Health, Work, and Violence over the Past Two Millennia. , 2018, , 381-396.		4
730	Coastal complexity: Ancient human diets inferred from Bayesian stable isotope mixing models and a primate analogue. PLoS ONE, 2018, 13, e0209411.	1.1	19
731	Ideas and perspectives: Tracing terrestrial ecosystem water fluxes using hydrogen and oxygen stable isotopes – challenges and opportunities from an interdisciplinary perspective. Biogeosciences, 2018, 15, 6399-6415.	1.3	115
732	The European History of Health Project. , 2018, , 1-10.		0
733	Measuring Community Health Using Skeletal Remains. , 2018, , 52-83.		1
734	The History of European Oral Health. , 2018, , 84-136.		1
735	Proliferative Periosteal Reactions. , 2018, , 137-174.		5
736	Growth Disruption in Children. , 2018, , 175-197.		6
737	History of Anemia and Related Nutritional Deficiencies. , 2018, , 198-230.		4
738	Agricultural Specialization, Urbanization, Workload, and Stature. , 2018, , 231-252.		5
739	History of Degenerative Joint Disease in People Across Europe. , 2018, , 253-299.		4
740	The History of Violence in Europe. , 2018, , 300-324.		5
741	The Developmental Origins of Health and Disease. , 2018, , 325-351.		2
742	Climate and Health. , 2018, , 352-380.		1
743	Data Collection Codebook. , 2018, , 397-427.		9
744	Database Creation, Management, and Analysis. , 2018, , 428-448.		0
745	Evapotranspiration partitioning at the ecosystem scale using the stable isotope method – A review. Agricultural and Forest Meteorology, 2018, 263, 346-361.	1.9	67
746	The Sources and Transformations of Dissolved Organic Matter in the Pearl River Estuary, China, as Revealed by Stable Isotopes. Journal of Geophysical Research: Oceans, 2018, 123, 6893-6908.	1.0	25

#	ARTICLE	IF	CITATIONS
747	Chironomid incorporation of methane-derived carbon in plankton and macrophyte-dominated habitats in a large shallow lake. <i>Freshwater Biology</i> , 2018, 63, 1433-1445.	1.2	4
748	Nutrient supply enhanced wheat residue-carbon mineralization, microbial growth, and microbial carbon-use efficiency when residues were supplied at high rate in contrasting soils. <i>Soil Biology and Biochemistry</i> , 2018, 126, 168-178.	4.2	57
749	Climatic Controls on C4 Grassland Distributions During the Neogene: A Model-Data Comparison. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	15
750	Vineyard water relations in a karstic area: deep roots and irrigation management. <i>Agriculture, Ecosystems and Environment</i> , 2018, 263, 53-59.	2.5	22
751	Quantification of plant water uptake by water stable isotopes in rice paddy systems. <i>Plant and Soil</i> , 2018, 429, 281-302.	1.8	28
752	The cycle of nitrogen in river systems: sources, transformation, and flux. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 863-891.	1.7	132
753	Natural History of a Sit-and-Wait Dipteran Predator That Uses Extrafloral Nectar as Prey Attractant. <i>Environmental Entomology</i> , 2018, 47, 1165-1172.	0.7	3
754	Rhizosphere priming of grassland species under different water and nitrogen conditions: a mechanistic hypothesis of C-N interactions. <i>Plant and Soil</i> , 2018, 429, 303-319.	1.8	29
755	Heterotrophic N ₂ -fixation contributes to nitrogen economy of a common wetland sedge, <i>Schoenoplectus californicus</i> . <i>PLoS ONE</i> , 2018, 13, e0195570.	1.1	15
757	Isotopic turnover rates and diet-tissue discrimination depend on feeding habits of freshwater snails. <i>PLoS ONE</i> , 2018, 13, e0199713.	1.1	8
758	Defining Seasonal Functional Traits of a Freshwater Zooplankton Community Using $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Stable Isotope Analysis. <i>Water (Switzerland)</i> , 2018, 10, 108.	1.2	12
759	Community managed forests dominate the catchment sediment cascade in the mid-hills of Nepal: A compound-specific stable isotope analysis. <i>Science of the Total Environment</i> , 2018, 637-638, 306-317.	3.9	30
760	Shifts in priming partly explain impacts of long-term nitrogen input in different chemical forms on soil organic carbon storage. <i>Global Change Biology</i> , 2018, 24, 4160-4172.	4.2	24
761	Stable-Isotope Techniques to Investigate Sources of Plant Water. , 2018, , 439-456.		7
762	Light regulates tropical symbiotic nitrogen fixation more strongly than soil nitrogen. <i>Nature Plants</i> , 2018, 4, 655-661.	4.7	89
763	Four-dimensional isotopic approach to identify perchlorate sources in groundwater: Application to the Rialto-Colton and Chino subbasins, southern California (USA). <i>Applied Geochemistry</i> , 2018, 97, 213-225.	1.4	12
764	Translocation of Carbon from Surface Organic Horizons to the Subsoil in Coarse-textured Spodosols: Implications for Deep Soil C Dynamics. <i>Soil Science Society of America Journal</i> , 2018, 82, 969-982.	1.2	17
765	Living on borrowed time – Amazonian trees use decade-old storage carbon to survive for months after complete stem girdling. <i>New Phytologist</i> , 2018, 220, 111-120.	3.5	29

#	ARTICLE	IF	CITATIONS
766	Trophic transfer of persistent organic pollutants through a pelagic food web: The case of Lake Como (Northern Italy). <i>Science of the Total Environment</i> , 2018, 640-641, 98-106.	3.9	15
767	Estuarine crocodiles in a tropical coastal floodplain obtain nutrition from terrestrial prey. <i>PLoS ONE</i> , 2018, 13, e0197159.	1.1	15
768	Combining stable isotope analysis and conventional techniques to improve knowledge of the diet of the European Roller <i>Coracias garrulus</i> . <i>Ibis</i> , 2019, 161, 272-285.	1.0	14
769	Uncovering trophic positions and food resources of soil animals using bulk natural stable isotope composition. <i>Biological Reviews</i> , 2019, 94, 37-59.	4.7	144
770	Assessing the efficacy of nitrogen isotopes to distinguish Colorado Front Range ammonia sources affecting Rocky Mountain National Park. <i>Atmospheric Environment</i> , 2019, 215, 116881.	1.9	9
771	Response of soil water movement and groundwater recharge to extreme precipitation in a headwater catchment in the North China Plain. <i>Journal of Hydrology</i> , 2019, 576, 466-477.	2.3	56
772	Multi-isotope approaches to the Neolithic cemetery-cave of Bom Santo (Lisbon): new data and comparisons with fourth millennium BC populations from central-southern Portugal. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 6141-6159.	0.7	7
773	Nonmonsoon Precipitation Dominates Groundwater Recharge Beneath a Monsoon-Affected Glacier in Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10913-10930.	1.2	32
774	Driving forces linking microbial community structure and functions to enhanced carbon stability in biochar-amended soil. <i>Environment International</i> , 2019, 133, 105211.	4.8	49
775	Reviews and syntheses: Turning the challenges of partitioning ecosystem evaporation and transpiration into opportunities. <i>Biogeosciences</i> , 2019, 16, 3747-3775.	1.3	150
776	Growth promotion and dietary contribution assessment of three submerged macrophytes to <i>Macrobrachium nipponense</i> . <i>Aquaculture</i> , 2019, 504, 70-80.	1.7	6
777	Migratory patterns and connectivity of two North American grassland bird species. <i>Ecology and Evolution</i> , 2019, 9, 680-692.	0.8	13
778	Year-Round Transpiration Dynamics Linked With Deep Soil Moisture in a Warm Desert Shrubland. <i>Water Resources Research</i> , 2019, 55, 5679-5695.	1.7	21
779	Research Advances in Identifying Sulfate Contamination Sources of Water Environment by Using Stable Isotopes. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1914.	1.2	52
780	Quantifying the contribution of zooplankton to channel catfish and hybrid catfish growth in nursery ponds. <i>Aquaculture</i> , 2019, 510, 51-55.	1.7	8
781	Organic matter derived from kelp supports a large proportion of biomass in temperate rocky reef fish communities: Implications for ecosystem-based management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1503-1519.	0.9	18
782	Rhizosphere carbon supply accelerates soil organic matter decomposition in the presence of fresh organic substrates. <i>Plant and Soil</i> , 2019, 440, 473-490.	1.8	38
783	Root-zone moisture replenishment in a native vegetated catchment under Mediterranean climate. <i>Hydrological Processes</i> , 2019, 33, 2394-2407.	1.1	21

#	ARTICLE	IF	CITATIONS
784	Interaction of Surface Water and Groundwater Influenced by Groundwater Over-Extraction, Waste Water Discharge and Water Transfer in Xiong'an New Area, China. <i>Water (Switzerland)</i> , 2019, 11, 539.	1.2	41
785	Sources and sinks of dissolved inorganic carbon in an urban tropical coastal bay revealed by $\delta^{13}\text{C}$ -DIC signals. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 220, 185-195.	0.9	24
786	Uptake of Soil-Derived Carbon into Plants: Implications for Disposal of Nuclear Waste. <i>Environmental Science & Technology</i> , 2019, 53, 4198-4205.	4.6	5
787	Application of Nitrogen and Oxygen Isotopes for Source and Fate Identification of Nitrate Pollution in Surface Water: A Review. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 18.	1.3	65
788	Identification of source apportionment and its spatial variability of dissolved organic matter in Dagu River-Jiaozhou Bay estuary based on the isotope and fluorescence spectroscopy analysis. <i>Ecological Indicators</i> , 2019, 102, 528-537.	2.6	31
789	Contribution of recycled moisture to local precipitation in the inland Heihe River Basin. <i>Agricultural and Forest Meteorology</i> , 2019, 271, 316-335.	1.9	42
790	Constraining hydrological model parameters using water isotopic compositions in a glacierized basin, Central Asia. <i>Journal of Hydrology</i> , 2019, 571, 332-348.	2.3	31
791	Intraspecific variation in a dominant prey species can bias marine predator dietary estimates derived from stable isotope analysis. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 292-303.	1.0	12
792	Quantifying provenance of reservoir sediment using multiple composite fingerprints in an arid region experiencing both wind and water erosion. <i>Geomorphology</i> , 2019, 332, 112-121.	1.1	14
793	Technical note: Uncertainty in multi-source partitioning using large tracer data sets. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 5059-5068.	1.9	6
794	Aquatic Macrophytes are Seasonally Important Dietary Resources for Moose. <i>Diversity</i> , 2019, 11, 209.	0.7	3
795	Soil Respiration Variability and Correlation Across a Wide Range of Temporal Scales. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3672-3683.	1.3	9
796	Compound-Specific Carbon Isotopic Composition of Ethanol in Brazil and US Vehicle Emissions and Wet Deposition. <i>Environmental Science & Technology</i> , 2019, 53, 1698-1705.	4.6	4
797	Contribution of recycled moisture to precipitation in the monsoon marginal zone: Estimate based on stable isotope data. <i>Journal of Hydrology</i> , 2019, 569, 423-435.	2.3	54
798	Bayesian Analyses of 17 Winters of Water Vapor Fluxes Show Bark Beetles Reduce Sublimation. <i>Water Resources Research</i> , 2019, 55, 1598-1623.	1.7	24
799	Biochar mineralization and priming effect in a poplar short rotation coppice from a 3-year field experiment. <i>Biology and Fertility of Soils</i> , 2019, 55, 67-78.	2.3	47
800	Trophic niche partitioning of dominant North Atlantic krill species, <i>Meganycetophanes norvegica</i> , <i>Thysanoessa inermis</i> , and <i>T. raschii</i> . <i>Limnology and Oceanography</i> , 2019, 64, 165-181.	1.6	25
801	Spatially distributed hydro-chemical data with temporally high-resolution is needed to adequately assess the hydrological functioning of headwater catchments. <i>Science of the Total Environment</i> , 2019, 651, 1613-1626.	3.9	33

#	ARTICLE	IF	CITATIONS
802	Landâ€œOcean Connectivity Through Subsidies of Terrestrially Derived Organic Matter to a Nearshore Marine Consumer. <i>Ecosystems</i> , 2019, 22, 796-804.	1.6	13
803	Variations in $\delta^{13}\text{C}$ values of sedimentary organic matter since late Miocene time in the Indus Fan (IODP Tj ETQq1 1,0,784314,rgBT /Ov	0.9	13
804	Collected Rain Water as Costâ€œEfficient Source for Aquifer Tracer Testing. <i>Ground Water</i> , 2020, 58, 125-131.	0.7	2
805	Using multiple composite fingerprints to quantify source contributions and uncertainties in an arid region. <i>Journal of Soils and Sediments</i> , 2020, 20, 1097-1111.	1.5	7
806	Conversion of organic carbon from decayed native and invasive plant litter in Jiuduansha wetland and its implications for SOC formation and sequestration. <i>Journal of Soils and Sediments</i> , 2020, 20, 675-689.	1.5	7
807	The use of stable isotope ratios $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ to track the incorporation of <i>Ulva</i> and other important dietary ingredients into the gonads of the sea urchin <i>Tripneustes gratilla</i> . <i>Aquaculture Nutrition</i> , 2020, 26, 174-185.	1.1	5
808	Biofuel management has limited effects on forest nutrients and avian resource assimilation. <i>Food Webs</i> , 2020, 22, e00135.	0.5	0
809	Organic nitrogen in residential stormwater runoff: Implications for stormwater management in urban watersheds. <i>Science of the Total Environment</i> , 2020, 707, 135962.	3.9	38
810	Hydrological effects of tree invasion on a dry coastal Hawaiian ecosystem. <i>Forest Ecology and Management</i> , 2020, 458, 117653.	1.4	4
811	Biochar-induced reductions in the rhizosphere priming effect are weaker under elevated CO ₂ . <i>Soil Biology and Biochemistry</i> , 2020, 142, 107700.	4.2	15
812	Osteometric and isotopic ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) evidence of Pre-Hispanic camelid-herd breeding in Moche site of â€œHuaca de la Lunaâ€œ (North coast of Peru). <i>Journal of Archaeological Science: Reports</i> , 2020, 29, 102083.	0.2	16
813	Water potential gradient, root conduit size and root xylem hydraulic conductivity determine the extent of hydraulic redistribution in temperate trees. <i>Functional Ecology</i> , 2020, 34, 561-574.	1.7	13
814	High-Sensitivity Measurement of Cr Isotopes by Double Spike MC-ICP-MS at the 10 ng Level. <i>Analytical Chemistry</i> , 2020, 92, 1463-1469.	3.2	27
815	Investigating the root plasticity response of <i>Centaurea jacea</i> to soil water availability changes from isotopic analysis. <i>New Phytologist</i> , 2020, 226, 98-110.	3.5	27
816	Modeling the contributions of oceanic moisture to summer precipitation in eastern China using $\delta^{18}\text{O}$. <i>Journal of Hydrology</i> , 2020, 581, 124304.	2.3	7
817	Quality and contribution of food sources to Australian lungfish evaluated using fatty acids and stable isotopes. <i>Aquatic Sciences</i> , 2020, 82, 1.	0.6	5
818	From diet to hair and blood: empirical estimation of discrimination factors for C and N stable isotopes in five terrestrial mammals. <i>Journal of Mammalogy</i> , 2020, 101, 1332-1344.	0.6	7
819	Use of stable nitrogen isotopes to track plant uptake of nitrogen in a nature-based treatment system. <i>Water Research X</i> , 2020, 9, 100070.	2.8	9

#	ARTICLE	IF	CITATIONS
820	Content of soil-derived carbon in soil biota and fauna living near soil surface: Implications for radioactive waste. <i>Journal of Environmental Radioactivity</i> , 2020, 225, 106450.	0.9	1
821	Evaluating different spatial scales of forage item availability to determine diet selection of juvenile green turtles (<i>Chelonia mydas</i>). <i>Marine Biology</i> , 2020, 167, 1.	0.7	4
822	The relationship between shrimp (<i>Litopenaeus vannamei</i>) size and biofloc consumption determined by the stable isotope technique. <i>Aquaculture</i> , 2020, 529, 735635.	1.7	25
823	Long-distance atmospheric moisture dominates water budget in permafrost regions of the Central Qinghai-Tibet plateau. <i>Hydrological Processes</i> , 2020, 34, 4280-4294.	1.1	10
824	High-Frequency Stable-Isotope Measurements of Evapotranspiration Partitioning in a Maize Field. <i>Water (Switzerland)</i> , 2020, 12, 3048.	1.2	4
825	Sources and distribution of heavy metal and $\delta^{15}\text{N}$ isotopes in topsoils across an urban-rural gradient in a typical hazy city, northern China. <i>Atmospheric Environment</i> , 2020, 241, 117802.	1.9	3
826	Novel Application of a Compound-Specific Stable Isotope (CSSI) Tracking Technique Demonstrates Connectivity Between Terrestrial and Deep-Sea Ecosystems via Submarine Canyons. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	8
827	Sources and transformation of nitrate aerosol in winter 2017-2018 of megacity Beijing: Insights from an alternative approach. <i>Atmospheric Environment</i> , 2020, 241, 117842.	1.9	11
828	Sea spray correction in $\delta^{13}\text{C}$ carbonate, $\delta^{18}\text{O}$ carbonate, $\delta^{18}\text{O}$ phosphate, and $\delta^{34}\text{S}$ collagen values of coastal humans - A methodological approach. <i>Science of the Total Environment</i> , 2020, 744, 140907.	3.9	7
829	Plant and root-zone water isotopes are difficult to measure, explain, and predict: Some practical recommendations for determining plant water sources. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1352-1367.	2.2	48
830	Using stable nitrogen and oxygen isotopes to identify nitrate sources in the Lancang River, upper Mekong. <i>Journal of Environmental Management</i> , 2020, 274, 111197.	3.8	25
831	Using stable isotope analysis to assess the relationship among dietary protein sources, growth, nutrient turnover and incorporation in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture Nutrition</i> , 2020, 26, 1443-1452.	1.1	5
832	Variability of benthic methane-derived carbon along seasonal, biological, and sedimentary gradients in a polymictic lake. <i>Limnology and Oceanography</i> , 2020, 65, 3017-3031.	1.6	5
833	Refining trophic dynamics through multi-factor Bayesian mixing models: A case study of subterranean beetles. <i>Ecology and Evolution</i> , 2020, 10, 8815-8826.	0.8	14
834	Potential Pollution Sources from Agricultural Activities on Tropical Forested Floodplain Wetlands Revealed by Soil eDNA. <i>Forests</i> , 2020, 11, 892.	0.9	10
835	Snow-ice contribution to the structure of sea ice in the Amundsen Sea, Antarctica. <i>Annals of Glaciology</i> , 2020, 61, 369-378.	2.8	4
836	Carbon isotope stratigraphy: Principles and applications. <i>Stratigraphy & Timescales</i> , 2020, , 1-40.	0.2	6
837	The Soil Water Evaporation Process from Mountains Based on the Stable Isotope Composition in a Headwater Basin and Northwest China. <i>Water (Switzerland)</i> , 2020, 12, 2711.	1.2	11

#	ARTICLE	IF	CITATIONS
838	Recycled moisture in an enclosed basin, Guanzhong Basin of Northern China, in the summer: Contribution to precipitation based on a stable isotope approach. <i>Environmental Science and Pollution Research</i> , 2020, 27, 27926-27936.	2.7	12
839	Post-fire carbon dynamics in the tropical peat swamp forests of Brunei reveal long-term elevated CH ₄ flux. <i>Global Change Biology</i> , 2020, 26, 5125-5145.	4.2	25
840	Effects of food availability on the trophic niche of the hazel dormouse <i>Muscardinus avellanarius</i> . <i>Forest Ecology and Management</i> , 2020, 470-471, 118215.	1.4	4
841	Dominance of Heterogeneous Chemistry in Summertime Nitrate Accumulation: Insights from Oxygen Isotope of Nitrate (Î ¹⁸ Oâ€“NO ₃ â€“). <i>ACS Earth and Space Chemistry</i> , 2020, 4, 818-824.	1.2	8
842	Variable ethanol concentrations and stable carbon isotopes reveal anthropogenic ethanol contributions to rainwater. <i>Atmospheric Environment</i> , 2020, 234, 117578.	1.9	2
843	Leopard seal diets in a rapidly warming polar region vary by year, season, sex, and body size. <i>BMC Ecology</i> , 2020, 20, 32.	3.0	21
844	A fast chemical oxidation method for predicting the long-term mineralization of biochar in soils. <i>Science of the Total Environment</i> , 2020, 718, 137390.	3.9	16
845	Using stable nitrogen isotopes to reproduce the process of the impact of human activities on the lakes in the Yunnan Guizhou Plateau in the past 150â€“200 years. <i>Science of the Total Environment</i> , 2020, 741, 140191.	3.9	15
846	Critical evaluation of stable isotope mixing end-members for estimating groundwater recharge sources: case study from the South Rim of the Grand Canyon, Arizona, USA. <i>Hydrogeology Journal</i> , 2020, 28, 1575-1591.	0.9	18
847	Seasonal and spatial variability in Î ¹⁸ O and Î ² D values in waters of the Godavari River basin: Insights into hydrological processes. <i>Journal of Hydrology: Regional Studies</i> , 2020, 30, 100706.	1.0	7
848	Predator population size structure alters consumption of prey from epigeic and grazing food webs. <i>Oecologia</i> , 2020, 192, 791-799.	0.9	6
849	Pulse of dissolved organic matter alters reciprocal carbon subsidies between autotrophs and bacteria in stream food webs. <i>Ecological Monographs</i> , 2020, 90, e01399.	2.4	25
850	Effects of the Gold King Mine Spill on Metal Cycling through River and Riparian Biota. <i>Wetlands</i> , 2020, 40, 1033-1046.	0.7	5
851	Influence of demographics, exposure, and habitat use in an urban, coastal river on tumor prevalence in a demersal fish. <i>Science of the Total Environment</i> , 2020, 712, 136512.	3.9	5
852	Balanced nutrient stoichiometry of organic amendments enhances carbon priming in a poorly structured sodic subsoil. <i>Soil Biology and Biochemistry</i> , 2020, 145, 107800.	4.2	26
853	Structure of infaunal communities in New Zealand submarine canyons is linked to origins of sediment organic matter. <i>Limnology and Oceanography</i> , 2020, 65, 2303-2327.	1.6	15
854	Molecular indicators of methane metabolisms at cold seeps along the United States Atlantic Margin. <i>Chemical Geology</i> , 2020, 543, 119603.	1.4	7
855	Sediment organic matter source estimation and ecological classification in the semi-enclosed Batan Bay Estuary, Philippines. <i>International Journal of Sediment Research</i> , 2021, 36, 110-119.	1.8	7

#	ARTICLE	IF	CITATIONS
856	Friendly neighbours: Hydraulic redistribution accounts for one quarter of water used by neighbouring drought stressed tree saplings. <i>Plant, Cell and Environment</i> , 2021, 44, 1243-1256.	2.8	14
857	Modeling organic matter sources of sediment fluxes in eroding landscapes: Review, key challenges, and new perspectives. <i>Geoderma</i> , 2021, 383, 114704.	2.3	16
858	Use of multiple isotopes to evaluate nitrate dynamics in groundwater under the barrier effect of underground cutoff walls. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7076-7089.	2.7	6
859	On inorganic N uptake by vascular plants: Can ^{15}N tracer techniques resolve the NH_4^+ versus NO_3^- preference conundrum?. <i>European Journal of Soil Science</i> , 2021, 72, 1762-1779.	1.8	18
860	Plant intraspecific competition and growth stage alter carbon and nitrogen mineralization in the rhizosphere. <i>Plant, Cell and Environment</i> , 2021, 44, 1231-1242.	2.8	21
861	Effects of changing phytoplankton species composition on carbon and nitrogen uptake in benthic invertebrates. <i>Limnology and Oceanography</i> , 2021, 66, 469-480.	1.6	13
862	Foraging Ecology Differentiates Life Stages and Mercury Exposure in Common Terns (<i>Sterna</i>). <i>Environmental Science and Technology</i> , 2021, 55, 2949-2959.	1.6	6
863	Quantitative estimation of carbon dynamics in terrestrial ecosystems using natural variations in the $\delta^{13}\text{C}$ abundance of soils and biota. <i>Advances in Agronomy</i> , 2021, , 63-104.	2.4	5
864	Understanding Food Web Mercury Accumulation Through Trophic Transfer and Carbon Processing along a River Affected by Recent Run-of-river Dams. <i>Environmental Science & Technology</i> , 2021, 55, 2949-2959.	4.6	18
865	Moisture, Temperature, and Salinity of a Typical Desert Plant (<i>Haloxylon ammodendron</i>) in an Arid Oasis of Northwest China. <i>Sustainability</i> , 2021, 13, 1908.	1.6	8
866	Spatiotemporal Variation of Groundwater Recharge in the Lower Reaches of the Poyang Lake Basin, China: Insights From Stable Hydrogen and Oxygen Isotopes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033760.	1.2	32
867	Selective Fatty Acid Retention and Turnover in the Freshwater Amphipod <i>Pallaseopsis quadrispinosa</i> . <i>Biomolecules</i> , 2021, 11, 478.	1.8	8
868	^{15}N -stable isotope analysis of NH_x : An overview on analytical measurements, source sampling and its source apportionment. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 126.	3.3	25
869	Isotopic Constraint on the Sources and Biogeochemical Cycling of Nitrate in the Jiulong River Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005850.	1.3	8
870	Amino acid ^{13}C and ^{15}N analyses reveal distinct species-specific patterns of trophic plasticity in a marine symbiosis. <i>Limnology and Oceanography</i> , 2021, 66, 2033-2050.	1.6	16
871	End member and Bayesian mixing models consistently indicate near-surface flowpath dominance in a pristine humid tropical rainforest. <i>Hydrological Processes</i> , 2021, 35, e14153.	1.1	16
872	Widespread variation in stable isotope trophic position estimates: patterns, causes, and potential consequences. <i>Ecological Monographs</i> , 2021, 91, e01451.	2.4	17
873	Oxidation and sources of atmospheric NO_x during winter in Beijing based on ^{18}O - ^{15}N space of particulate nitrate. <i>Environmental Pollution</i> , 2021, 276, 116708.	3.7	16

#	ARTICLE	IF	CITATIONS
874	Presentation and applications of mixing elements and dissolved isotopes in rivers (MEANDIR), a customizable MATLAB model for Monte Carlo inversion of dissolved river chemistry. <i>Numerische Mathematik</i> , 2021, 321, 579-642.	0.7	19
875	Isotopic partitioning of evapotranspiration in a mesic grassland during two wetting–drying episodes. <i>Agricultural and Forest Meteorology</i> , 2021, 301-302, 108321.	1.9	4
876	Autochthonous production contributes to the diet of wood-boring invertebrates in temperate shallow water. <i>Oecologia</i> , 2021, 196, 877-889.	0.9	4
878	A quantitative analysis of organic matter inputs to soft sediment communities surrounding salmon farms in the Marlborough Sounds region of New Zealand. <i>Science of the Total Environment</i> , 2021, 773, 145146.	3.9	11
879	Reviews and syntheses: Gaining insights into evapotranspiration partitioning with novel isotopic monitoring methods. <i>Biogeosciences</i> , 2021, 18, 3701-3732.	1.3	10
880	Seasonal transpiration dynamics of evergreen <i>Ligustrum lucidum</i> linked with water source and water-use strategy in a limestone karst area, southwest China. <i>Journal of Hydrology</i> , 2021, 597, 126199.	2.3	21
881	Trophic ecology of a tropical scyphozoan community in coastal waters: Insights from stomach content and stable isotope analyses. <i>Continental Shelf Research</i> , 2021, 225, 104481.	0.9	1
882	Do mixing models with different input requirement yield similar streamflow source contributions? Case study: A tropical montane catchment. <i>Hydrological Processes</i> , 2021, 35, e14209.	1.1	9
883	Strong Precipitation and Human Activity Spur Rapid Nitrate Deposition in Estuarine Delta: Multi-Isotope and Auxiliary Data Evidence. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6221.	1.2	3
884	Contribution of Recycled Moisture to Precipitation in Northeastern Tibetan Plateau: A Case Study Based on Bayesian Estimation. <i>Atmosphere</i> , 2021, 12, 731.	1.0	8
885	Water-source contributions to barrier lakes and water-rock interactions in the Wudalianchi volcanic area, Northeast China. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 4276-4286.	1.0	0
886	The reuse of avian samples: opportunities, pitfalls, and a solution. <i>Ibis</i> , 2022, 164, 343-349.	1.0	7
887	Examining historical mercury sources in the Saint Louis River estuary: How legacy contamination influences biological mercury levels in Great Lakes coastal regions. <i>Science of the Total Environment</i> , 2021, 779, 146284.	3.9	13
888	Seasonal variations in stable nitrate isotopes combined with stable water isotopes in a wastewater treatment plant: Implications for nitrogen sources and transformation. <i>Journal of Hydrology</i> , 2021, 599, 126488.	2.3	13
889	Stable isotopes demonstrate the importance of freshwater fisheries in Late Holocene native Californian diets in the California Delta. <i>Journal of Archaeological Science: Reports</i> , 2021, 38, 103044.	0.2	1
890	Nutritional contribution of seaweed <i>Ulva lactuca</i> single-cell detritus and microalgae <i>Chaetoceros calcitrans</i> to the growth of the Pacific oyster <i>Crassostrea gigas</i> . <i>Aquaculture</i> , 2021, 541, 736835.	1.7	8
891	Isotopic techniques in aquaculture nutrition: State of the art and future perspectives. <i>Reviews in Aquaculture</i> , 2022, 14, 456-476.	4.6	11
892	Quantifying sediment source contributions in an agricultural catchment with ephemeral and classic gullies using ¹³⁷ Cs technique. <i>Geoderma</i> , 2021, 398, 115112.	2.3	17

#	ARTICLE	IF	CITATIONS
893	Population structure and habitat availability determine resource use by Rainbow Trout in high elevation lakes. <i>Freshwater Science</i> , 2021, 40, 508-523.	0.9	2
894	An arithmetic correction for the effect of lipid on carbon stable isotope ratios in muscle and digestive glands of the American lobster (<i>Homarus americanus</i>). <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9204.	0.7	2
895	Organic nitrogen utilisation by an arbuscular mycorrhizal fungus is mediated by specific soil bacteria and a protist. <i>ISME Journal</i> , 2022, 16, 676-685.	4.4	48
896	Correction of cryogenic vacuum extraction biases and potential effects on soil water isotopes application. <i>Journal of Hydrology</i> , 2021, 603, 127011.	2.3	10
897	Spatial-temporal variation, sources and driving factors of organic carbon burial in rift lakes on Yunnan-Guizhou plateau since 1850. <i>Environmental Research</i> , 2021, 201, 111458.	3.7	19
898	European perch (<i>Perca fluviatilis</i>) fed dietary insect meal (<i>Tenebrio molitor</i>): From a stable isotope perspective. <i>Aquaculture</i> , 2021, 545, 737265.	1.7	7
899	Hydrochemical, isotopic and microbiota characterization of telese mineral waters (Southern Italy). <i>Environmental Geochemistry and Health</i> , 2022, 44, 1949-1970.	1.8	10
903	Dynamics of physically- separated soil organic carbon pools assessed from $\delta^{13}C$ changes under 25 years of cropping systems. <i>Soil and Tillage Research</i> , 2017, 174, 6-13.	2.6	20
905	Multi-tracer assessment of seasonal water source changes in coastal water systems along the southeastern coast of Ivory Coast (West Africa). <i>Hydrological Sciences Journal</i> , 2018, 63, 2124-2145.	1.2	6
907	Quantifying Inter- and Intra-Population Niche Variability Using Hierarchical Bayesian Stable Isotope Mixing Models. <i>PLoS ONE</i> , 2009, 4, e6187.	1.1	185
908	Reciprocal Subsidies and Food Web Pathways Leading to Chum Salmon Fry in a Temperate Marine-Terrestrial Ecotone. <i>PLoS ONE</i> , 2010, 5, e10073.	1.1	8
909	A Carnivorous Plant Fed by Its Ant Symbiont: A Unique Multi-Faceted Nutritional Mutualism. <i>PLoS ONE</i> , 2012, 7, e36179.	1.1	40
910	IsoWeb: A Bayesian Isotope Mixing Model for Diet Analysis of the Whole Food Web. <i>PLoS ONE</i> , 2012, 7, e41057.	1.1	41
911	Invasive Mussels Alter the Littoral Food Web of a Large Lake: Stable Isotopes Reveal Drastic Shifts in Sources and Flow of Energy. <i>PLoS ONE</i> , 2012, 7, e51249.	1.1	41
912	The Long and the Short of It: No Dietary Specialisation between Male and Female Western Sandpipers Despite Strong Bill Size Dimorphism. <i>PLoS ONE</i> , 2013, 8, e79835.	1.1	4
913	Biochar Decelerates Soil Organic Nitrogen Cycling but Stimulates Soil Nitrification in a Temperate Arable Field Trial. <i>PLoS ONE</i> , 2014, 9, e86388.	1.1	231
914	Tiny Is Mighty: Seagrass Beds Have a Large Role in the Export of Organic Material in the Tropical Coastal Zone. <i>PLoS ONE</i> , 2014, 9, e111847.	1.1	24
915	Biofilm Consumption and Variable Diet Composition of Western Sandpipers (<i>Calidris mauri</i>) during Migratory Stopover. <i>PLoS ONE</i> , 2015, 10, e0124164.	1.1	32

#	ARTICLE	IF	CITATIONS
916	Inferring Phytoplankton, Terrestrial Plant and Bacteria Bulk $\delta^{13}C$ Values from Compound Specific Analyses of Lipids and Fatty Acids. PLoS ONE, 2015, 10, e0133974.	1.1	39
917	Nutrient Dynamics of Estuarine Invertebrates Are Shaped by Feeding Guild Rather than Seasonal River Flow. PLoS ONE, 2015, 10, e0137417.	1.1	10
918	Review on the Bone Chemistry for Prehistoric Anthropology. Anthropological Science, 2006, 114, 5-15.	0.2	3
919	Vegetation dynamics in a Quercus-Juniperus savanna: An isotopic assessment. Journal of Vegetation Science, 2003, 14, 841.	1.1	25
920	Beyond simple linear mixing models: process-based isotope partitioning of ecological processes. , 2014, 24, 181-195.		16
921	Beyond simple linear mixing models: process-based isotope partitioning of ecological processes. , 2014, 24, 181-195.		33
922	A niche for isotopic ecology. Frontiers in Ecology and the Environment, 2007, 5, 429.	1.9	917
923	Análisis de paleodietas humanas en zonas Áridas a través de isotopos estables: el caso de Antofagasta de la Sierra (noroeste argentino). Revista Colombiana De Antropología, 2016, 52, 199-227.	0.4	3
924	The potential of methanotrophic bacteria to compensate for food quantity or food quality limitations in Daphnia. Aquatic Microbial Ecology, 2011, 65, 197-206.	0.9	17
925	Stable isotopes reveal regional heterogeneity in the pre-breeding distribution and diets of sympatrically breeding Pygoscelis spp. penguins. Marine Ecology - Progress Series, 2011, 421, 265-277.	0.9	45
926	Downward trophic shift during breeding migration in the shorebird Calidris mauri (western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 Tc	0.9	23
927	Niche partitioning in the Fiordland wrasse guild. Marine Ecology - Progress Series, 2012, 446, 207-220.	0.9	15
928	Estimating marine resource use by the American crocodile Crocodylus acutus in southern Florida, USA. Marine Ecology - Progress Series, 2012, 447, 211-229.	0.9	26
929	Riverine subsidies for inshore filter-feeder communities: potential influences on trophic patterns among bioregions. Marine Ecology - Progress Series, 2014, 498, 13-26.	0.9	5
930	Seabirds and marine mammals redistribute bioavailable iron in the Southern Ocean. Marine Ecology - Progress Series, 2014, 510, 1-13.	0.9	56
931	Variation in $\delta^{13}C$ and $\delta^{15}N$ of kelp is explained by light and productivity. Marine Ecology - Progress Series, 2014, 515, 111-121.	0.9	11
932	Resource polygon geometry predicts Bayesian stable isotope mixing model bias. Marine Ecology - Progress Series, 2014, 514, 1-12.	0.9	85
933	Trophic plasticity of the methanotrophic mussel Bathymodiolus childressi in the Gulf of Mexico. Marine Ecology - Progress Series, 2016, 547, 91-106.	0.9	18

#	ARTICLE	IF	CITATIONS
934	Marine micronutrient vectors: seabirds, marine mammals and fishes ingest high concentrations of bioactive metals in the subantarctic island ecosystem. <i>Marine Ecology - Progress Series</i> , 2017, 563, 13-23.	0.9	16
935	Trophic position of Antarctic ice fishes reflects food web structure along a gradient in sea ice persistence. <i>Marine Ecology - Progress Series</i> , 2017, 564, 87-98.	0.9	17
936	Regional differences in supply of organic matter from kelp forests drive trophodynamics of temperate reef fish. <i>Marine Ecology - Progress Series</i> , 2019, 621, 19-32.	0.9	19
937	Using Bayesian stable isotope mixing models and generalized additive models to resolve diet changes for fish-eating killer whales <i>Orcinus orca</i> . <i>Marine Ecology - Progress Series</i> , 2020, 649, 189-200.	0.9	4
938	The role of coral mucus in the material cycle in reef ecosystems: biogeochemical and ecological perspectives. <i>Journal of the Japanese Coral Reef Society</i> , 2014, 16, 3-27.	0.1	7
939	The effect of ethanol fixation on stable isotope signatures in benthic organisms. <i>Plankton and Benthos Research</i> , 2010, 5, 79-82.	0.2	2
940	Assessing the effects of a trawling ban on diet and trophic level of hake, <i>Merluccius merluccius</i> , in the southern Tyrrhenian Sea. <i>Scientia Marina</i> , 2011, .	0.3	12
947	Radiocarbon measurements of ecosystem respiration and soil pore-space CO ₂ in Utqiagvik (Barrow), Alaska. <i>Earth System Science Data</i> , 2018, 10, 1943-1957.	3.7	9
949	Triple stable isotope analysis to estimate the diet of the Velvet Scoter (<i>Melanitta fusca</i>) in the Baltic Sea. <i>PeerJ</i> , 2018, 6, e5128.	0.9	7
950	Can diet composition estimates using stable isotope analysis of feathers predict growth and condition in nestling mountain bluebirds (<i>Sialia currucoides</i>)?. <i>Ecology and Evolution</i> , 2021, 11, 15273-15288.	0.8	3
951	Nitrogen isotope characteristics and source apportionment of atmospheric ammonium in urban cities during a haze event in Northern China Plain. <i>Atmospheric Environment</i> , 2022, 269, 118800.	1.9	16
952	Stability of Woodchips Biochar and Impact on Soil Carbon Stocks: Results from a Two-Year Field Experiment. <i>Forests</i> , 2021, 12, 1350.	0.9	3
953	The relationship between urban refuse with fecundity and nestlings' success of a generalist seabird in the Río de la Plata Estuary - Uruguay. <i>Marine Pollution Bulletin</i> , 2021, 173, 113000.	2.3	3
956	Environmental Research by Carbon and Nitrogen Isotope Ratios - From Biological Interaction to the Material Cycling within Watersheds. <i>Radioisotopes</i> , 2013, 62, 97-103.	0.1	0
959	Stabile Isotope: Aussagemöglichkeiten und Grenzen. , 2015, , 429-477.		1
960	ESTIMATION OF FINE SEDIMENT TRANSPORT USING FLUORESCENT X RAY AND NITROGEN CYCLE USING STABLE ISOTOPE. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2017, 73, L_1177-L_1182.	0.0	0
961	Correction to "Late Summer Fog Use in the Drought Deciduous Shrub, <i>Artemisia californica</i> (Asteraceae)". <i>Madroño</i> , 2017, 64, 111-112.	0.3	0
962	Partitioning evapotranspiration using stable isotopes and Lagrangian dispersion analysis in a small agricultural catchment. <i>Journal of Hydrology and Hydromechanics</i> , 2020, 68, 134-143.	0.7	3

#	ARTICLE	IF	CITATIONS
963	Assessing the Reliability of Quantitative Fatty Acid Signature Analysis and Compound-Specific Isotope Analysis-Based Mixing Models for Trophic Studies. <i>Biomolecules</i> , 2021, 11, 1590.	1.8	3
964	Irrigation and grazing management affect leaching losses and soil nitrogen balance of lucerne. <i>Agricultural Water Management</i> , 2022, 259, 107233.	2.4	10
965	Sources and fate of organic matter in a hypersaline lagoon: A study based on stable isotopes from the Pulicat lagoon, India. <i>Science of the Total Environment</i> , 2022, 807, 150617.	3.9	9
966	Seasonal consumption of terrestrial prey by a threatened stream fish is influenced by riparian vegetation. <i>Endangered Species Research</i> , 2022, 47, 15-27.	1.2	3
967	Source apportionment and quantification of liquid and headspace leaks from closed system drug-transfer devices via Selected Ion Flow Tube Mass Spectrometry (SIFT-MS). <i>PLoS ONE</i> , 2021, 16, e0258425.	1.1	3
968	A modified isotope-based method for potential high-frequency evapotranspiration partitioning. <i>Advances in Water Resources</i> , 2022, 160, 104103.	1.7	4
969	First evaluation of quantitative fatty acid signature analysis (QFASA) in dolphins. <i>Regional Studies in Marine Science</i> , 2022, 50, 102141.	0.4	0
970	Metabolism of exogenous and endogenous dissolved organic carbon for bacterioplankton production and respiration in reservoirs. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2022, 34, 162-173.	0.3	0
971	Potential effects of cryogenic extraction biases on plant water source partitioning inferred from xylem water isotope ratios. <i>Hydrological Processes</i> , 2022, 36, .	1.1	29
972	Contribution of recycled moisture to precipitation and its influencing factors in the subalpine zone of Qilian Mountains. <i>Environmental Science and Pollution Research</i> , 2022, 29, 45947-45959.	2.7	3
973	Multiple stable isotopes and geochemical approaches to elucidate groundwater salinity and contamination in the critical coastal zone: A case from the Bou-areg and Gareb aquifers (North-Eastern Morocco). <i>Environmental Pollution</i> , 2022, 300, 118942.	3.7	23
974	Deciphering grain size populations and hydromorphological characteristics of the beach-dune system of East Coast of India: implications to coastal resilience and hazard mitigation. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	4
975	Changes in trophic structure of an exploited fish community at the centennial scale are linked to fisheries and climate forces. <i>Scientific Reports</i> , 2022, 12, 4309.	1.6	9
976	Aqueous system-level processes and prokaryote assemblages in the ferruginous and sulfate-rich bottom waters of a post-mining lake. <i>Biogeosciences</i> , 2022, 19, 1723-1751.	1.3	5
977	Re-Assembly of the Longleaf Pine Ecosystem: Effects of Groundcover Seeding on Understory Community, Fire Behavior and Soil Properties. <i>Forests</i> , 2022, 13, 519.	0.9	1
978	Isotopic discrimination of natural and anthropogenic perchlorate sources in groundwater in a semi-arid region of northeastern Oregon (USA). <i>Applied Geochemistry</i> , 2022, 139, 105232.	1.4	2
979	Robust Evidence of ¹⁴ C, ¹³ C, and ¹⁵ N Analyses Indicating Fossil Fuel Sources for Total Carbon and Ammonium in Fine Aerosols in Seoul Megacity. <i>Environmental Science & Technology</i> , 2022, 56, 6894-6904.	4.6	8
980	Identification of the contributing area to river discharge during low-flow periods. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 6261-6281.	1.9	1

#	ARTICLE	IF	CITATIONS
981	Shifting from homogeneous to heterogeneous surfaces in estimating terrestrial evapotranspiration: Review and perspectives. <i>Science China Earth Sciences</i> , 2022, 65, 197-214.	2.3	29
982	Dietary isotopes of Madagascar's extinct megafauna reveal Holocene browsing and grazing guilds. <i>Biology Letters</i> , 2022, 18, 20220094.	1.0	8
985	Diet/Hair and Diet/Faeces Trophic Discrimination Factors for Stable Carbon and Nitrogen Isotopes, and Hair Regrowth in the Yellow-Necked Mouse and Bank Vole. <i>Annales Zoologici Fennici</i> , 2022, 59, .	0.2	2
986	The application and potential non-conservatism of stable isotopes in organic matter source tracing. <i>Science of the Total Environment</i> , 2022, 838, 155946.	3.9	2
987	Live plankton supplementation improves growth and health status of marron (<i>Cherax cainii</i> Austin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	3
988	Evapotranspiration partitioning based on field-stable oxygen isotope observations for an urban locust forest land. <i>Ecohydrology</i> , 2022, 15, .	1.1	2
989	Cross-generation trophic ecology of <i>Dosidicus gigas</i> in the eastern-central Pacific Ocean revealed from isotopic signatures in eye lenses. <i>Fisheries Science</i> , 0, , .	0.7	0
990	Lowered nutritional quality of prey decrease the growth and biomolecule content of rainbow trout fry. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2022, 262, 110767.	0.7	4
991	Developing Nitrogen Isotopic Source Profiles of Atmospheric Ammonia for Source Apportionment of Ammonia in Urban Beijing. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2
992	Evaluation of different dietary protein sources on tissue growth and metabolism of rainbow trout () Tj ETQq1 1 0.784314 rgBT /Overlock 4199-4209.	0.9	0
993	Metabolic plasticity of mixotrophic algae is key for their persistence in browning environments. <i>Molecular Ecology</i> , 2022, 31, 4726-4738.	2.0	14
994	Diesel vehicle emission accounts for the dominate NO source to atmospheric particulate nitrate in a coastal city: Insights from nitrate dual isotopes of PM2.5. <i>Atmospheric Research</i> , 2022, 278, 106328.	1.8	6
995	Catchment modifications influence the composition of basal organic matter supporting suspension-feeding bivalves. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 275, 107989.	0.9	5
996	Quantifying moisture recycling of a leeward oasis in arid central Asia using a Bayesian isotopic mixing model. <i>Journal of Hydrology</i> , 2022, 613, 128459.	2.3	3
997	Lake Superior herring gulls benefit from anthropogenic food subsidies in a prey-impooverished aquatic environment. <i>Journal of Great Lakes Research</i> , 2022, 48, 1258-1269.	0.8	6
998	Solving geological mixing problems with Bayesian tracer models: A demonstration of the method applied to Carlin-type pyrite. <i>Journal of Geochemical Exploration</i> , 2022, 242, 107091.	1.5	0
999	Quantifying streamflow sources to improve water allocation management in a catchment undergoing agricultural intensification. <i>Physics and Chemistry of the Earth</i> , 2022, 128, 103227.	1.2	0
1000	Evaluation of five different sediment fingerprinting approaches for estimating sediment source contributions in an arid region. <i>Geoderma</i> , 2022, 427, 116131.	2.3	0

#	ARTICLE	IF	CITATIONS
1001	Use of stable isotopes for assessing urbanization impacts on freshwater fishes. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	1
1002	Carbon isotopic ratios of modern C ₃ and C ₄ vegetation on the Indian peninsula and changes along the plant-soil-river continuum – Implications for vegetation reconstructions. <i>Biogeosciences</i> , 2022, 19, 4107-4127.	1.3	4
1003	Importance of environmental flow on feeding and distribution of juvenile <i>Labeobarbus</i> species in the Gumara River, Lake Tana Sub-basin, Ethiopia. <i>Journal of Great Lakes Research</i> , 2022, , .	0.8	0
1004	Climate-Driven Variations in Nitrogen Retention From a Riverine Submerged Aquatic Vegetation Meadow. <i>Water Resources Research</i> , 2022, 58, .	1.7	2
1005	Characterization of Water and Total Nitrogen Contributions from the Inflow Rivers to Lake: A Study of West Dongting Lake in China. <i>Water (Switzerland)</i> , 2022, 14, 3463.	1.2	0
1006	Plants, Vital Players in the Terrestrial Water Cycle. <i>Springer Water</i> , 2022, , 223-250.	0.2	2
1007	Substitution of fish meal with Madagascar cockroach (<i>Gromphadorhina portentosa</i>) meal in diets for juvenile Nile tilapia (<i>Oreochromis niloticus</i>): effects on growth, nutrient assimilation, and nitrogen turnover rates. <i>Fish Physiology and Biochemistry</i> , 2022, 48, 1587-1597.	0.9	1
1008	Groundwater recharge in Central India and its spatio-temporal variation: Insights and implications from oxygen and hydrogen isotopes. <i>Journal of Hydrology</i> , 2023, 617, 129040.	2.3	3
1009	Isotopic compositions ($\delta^{13}C$, $\delta^{18}O$) and end-member mixing for the control interface in a complex tidal region. <i>Science of the Total Environment</i> , 2023, 866, 161438.	3.9	4
1010	Variability and uncertainty associated to methods for estimating diet composition: The case of <i>Champscephalus gunnari</i> in the South Orkney Islands. <i>Estuarine, Coastal and Shelf Science</i> , 2023, 285, 108302.	0.9	0
1011	Sources and fates of particulate organic matter in inland waters with complex land use patterns. <i>Science of the Total Environment</i> , 2023, 877, 162568.	3.9	2
1012	Seasonality in groundwater recharge in Coastal Southwestern India and its hydrological implications based on stable isotopes ($\delta^{18}O$, δ^2H). <i>Physics and Chemistry of the Earth</i> , 2023, 130, 103396.	1.2	0
1013	The high organic carbon accumulation in estuarine wetlands necessarily does not represent a high CO ₂ sequestration capacity. <i>Environment International</i> , 2023, 172, 107762.	4.8	2
1014	Delineating the food web structure in an Indian estuary during tropical winter employing stable isotope signatures and mixing model. <i>Environmental Science and Pollution Research</i> , 2023, 30, 49412-49434.	2.7	0
1015	Temperature sensitivity of soil organic carbon respiration along a forested elevation gradient in the Rwenzori Mountains, Uganda. <i>Biogeosciences</i> , 2023, 20, 719-735.	1.3	6
1016	Molecular exploration of fossil eggshell uncovers hidden lineage of giant extinct bird. <i>Nature Communications</i> , 2023, 14, .	5.8	2
1017	Small-scale differences in blue cod length distribution, growth, and trophic ecology in New Zealand. <i>Marine Ecology - Progress Series</i> , 2023, 708, 125-142.	0.9	0
1018	Inter-colony and inter-annual variation in discard use by albatross chicks revealed using isotopes and regurgitates. <i>Marine Biology</i> , 2023, 170, .	0.7	0

#	ARTICLE	IF	CITATIONS
1019	Canopy 15N fertilization increases short-term plant N retention compared to ground fertilization in an oak forest. <i>Forest Ecology and Management</i> , 2023, 539, 121001.	1.4	1
1023	Epilogue: Stable Isotope Analysis in Archaeology – Current Perspectives and Future Directions. <i>Interdisciplinary Contributions To Archaeology</i> , 2023, , 295-303.	0.1	0