Keith A Hobson

List of Publications by Year
in descending order

394 papers	23,928 citations	10986 71 h-index	10445 139 g-index
395 all docs	395 docs citations	395 times ranked	12039 citing authors

#	Article	IF	Citations
1	Tracing origins and migration of wildlife using stable isotopes: a review. Oecologia, 1999, 120, 314-326.	2.0	1,417
2	Assessing Avian Diets Using Stable Isotopes I: Turnover of13C in Tissues. Condor, 1992, 94, 181-188.	1.6	1,026
3	Global application of stable hydrogen and oxygen isotopes to wildlife forensics. Oecologia, 2005, 143, 337-348.	2.0	862
4	Stable-Nitrogen Isotope Enrichment in Avian Tissues Due to Fasting and Nutritional Stress: Implications for Isotopic Analyses of Diet. Condor, 1993, 95, 388.	1.6	730
5	Assessing Avian Diets Using Stable Isotopes II: Factors Influencing Diet-Tissue Fractionation. Condor, 1992, 94, 189-197.	1.6	727
6	From birds to butterflies: animal movement patterns and stable isotopes. Trends in Ecology and Evolution, 2004, 19, 256-263.	8.7	697
7	Using Stable Isotopes to Determine Seabird Trophic Relationships. Journal of Animal Ecology, 1994, 63, 786.	2.8	667
8	Influence of Chemical and Biological Factors on Trophic Transfer of Persistent Organic Pollutants in the Northwater Polynya Marine Food Web. Environmental Science & Technology, 2001, 35, 732-738.	10.0	599
9	Mercury and other trace elements in a pelagic Arctic marine food web (Northwater Polynya, Baffin) Tj ETQq1 1 0.784314 rgBT /Overlo	8.0	424
10	A stable isotope (Î´13C, Î´15N) model for the North Water food web: implications for evaluating trophodynamics and the flow of energy and contaminants. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 5131-5150.	1.4	419
11	Biomagnification and bioaccumulation of mercury in an arctic marine food web: insights from stable nitrogen isotope analysis. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 1114-1121.	1.4	374
12	Turnover of¹³C in Cellular and Plasma Fractions of Blood: Implications for Nondestructive Sampling in Avian Dietary Studies. Auk, 1993, 110, 638-641.	1.4	341
13	Conserving migratory land birds in the New World: Do we know enough?. Ecological Applications, 2010, 20, 398-418.	3.8	286
14	Preservation of blood and tissue samples for stable-carbon and stable-nitrogen isotope analysis. Canadian Journal of Zoology, 1997, 75, 1720-1723.	1.0	265
15	Stable carbon and nitrogen isotopic fractionation between diet and tissue of captive red fox: implications for dietary reconstruction. Canadian Journal of Zoology, 2000, 78, 848-852.	1.0	260
16	NUTRITION, PHYSIOLOGY, AND STABLE ISOTOPES: NEW INFORMATION FROM FASTING AND MOLTING PENGUINS. Ecology, 2005, 86, 2881-2888.	3.2	256
17	Recent advances in understanding migration systems of New World land birds. Ecological Monographs, 2010, 80, 3-48.	5.4	247
18	Isotopic Discrimination between Food and Blood and Feathers of Captive Penguins: Implications for Dietary Studies in the Wild. Physiological and Biochemical Zoology, 2005, 78, 106-115.	1.5	231

#	Article	IF	Citations
19	Reconstructing Avian Diets Using Stable-Carbon and Nitrogen Isotope Analysis of Egg Components: Patterns of Isotopic Fractionation and Turnover. Condor, 1995, 97, 752-762.	1.6	221
20	Stable isotopes (Î´D and Î´13 C) are geographic indicators of natal origins of monarch butterflies in eastern North America. Oecologia, 1999, 120, 397-404.	2.0	204
21	Using stable hydrogen and oxygen isotope measurements of feathers to infer geographical origins of migrating European birds. Oecologia, 2004, 141, 477-488.	2.0	190
22	INVESTIGATING TROPHIC RELATIONSHIPS OF PINNIPEDS IN ALASKA AND WASHINGTON USING STABLE ISOTOPE RATIOS OF NITROGEN AND CARBON. Marine Mammal Science, 1997, 13, 114-132.	1.8	189
23	Comparing the Effects of Landscape Fragmentation by Forestry and Agriculture on Predation of Artificial Nests. Conservation Biology, 1997, 11, 1418-1429.	4.7	187
24	Improved Method for Determining the Stable-Hydrogen Isotopic Composition (ÎD) of Complex Organic Materials of Environmental Interest. Environmental Science & Technology, 2000, 34, 2354-2360.	10.0	183
25	Anthropogenic contributions to mercury levels in present-day Arctic animalsâ€”A review. Science of the Total Environment, 2009, 407, 6120-6131.	8.0	174
26	STABLE ISOTOPE ANALYSES OF TOOTH ANNULI REVEAL TEMPORAL DIETARY RECORDS: AN EXAMPLE USING STELLER SEA LIONS. Marine Mammal Science, 1998, 14, 116-129.	1.8	168
27	Influence of Trophic Position and Feeding Location on Contaminant Levels in the Gulf of the Farallones Food Web Revealed by Stable Isotope Analysis. Environmental Science & Technology, 1996, 30, 654-660.	10.0	165
28	ARE GREATER SNOW GEESE CAPITAL BREEDERS? NEW EVIDENCE FROM A STABLE-ISOTOPE MODEL. Ecology, 2003, 84, 3250-3264.	3.2	161
29	Stable isotopes as indicators of altitudinal distributions and movements in an Ecuadorean hummingbird community. Oecologia, 2003, 136, 302-308.	2.0	149
30	Tracking multi-generational colonization of the breeding grounds by monarch butterflies in eastern North America. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131087.	2.6	146
31	Cannibalism and trophic structure in a high Arctic lake: insights from stable-isotope analysis. Canadian Journal of Fisheries and Aquatic Sciences, 1995, 52, 1195-1201.	1.4	145
32	Linking Hydrogen (Î2H) Isotopes in Feathers and Precipitation: Sources of Variance and Consequences for Assignment to Isoscapes. PLoS ONE, 2012, 7, e35137.	2.5	143
33	Using stable isotopes to trace long-distance dispersal in birds and other taxa. Diversity and Distributions, 2005, 11, 157-164.	4.1	141
34	Isotopic fractionation and turnover in captive Garden Warblers (Sylvia borin): implications for delineating dietary and migratory associations in wild passerines. Canadian Journal of Zoology, 2003, 81, 1630-1635.	1.0	137
35	BLOOD ISOTOPIC (Î´13C AND Î´15N) TURNOVER AND DIET-TISSUE FRACTIONATION FACTORS IN CAPTIVE DUNLIN (CALIDRIS ALPINA PACIFICA). Auk, 2004, 121, 170.	1.4	137
36	Using stable carbon (Î´¹³C) and nitrogen (Î´¹⁵N) isotopes to infer trophic relationships among black and grizzly bears in the upper Columbia River basin, British Columbia. Canadian Journal of Zoology, 2000, 78, 1332-1339.	1.0	133

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37	Using Stable-Isotope Analysis to Identify Endogenous and Exogenous Sources of Nutrients in Eggs of Migratory Birds: Applications to Great Lakes Contaminants Research. Auk, 1997, 114, 467-478.	1.4	129
38	Stable Isotopes and the Determination of Avian Migratory Connectivity and Seasonal Interactions. Auk, 2005, 122, 1037-1048.	1.4	126
39	Isotope Assessment and the Seasonal-Mobility Hypothesis in the Southwestern Cape of South Africa [and Comments and Replies]. Current Anthropology, 1986, 27, 135-150.	1.6	125
40	STABLE-CARBON AND HYDROGEN ISOTOPE RATIOS REVEAL BREEDING ORIGINS OF RED-WINGED BLACKBIRDS. , 2000, 10, 911-916.		123
41	STABLE ISOTOPES AND THE DETERMINATION OF AVIAN MIGRATORY CONNECTIVITY AND SEASONAL INTERACTIONS. Auk, 2005, 122, 1037.	1.4	123
42	Use of stable-carbon isotope analysis to estimate marine and terrestrial protein content in gull diets. Canadian Journal of Zoology, 1987, 65, 1210-1213.	1.0	122
43	High trophic overlap within the seabird community of Argentinean Patagonia: a multiscale approach. Journal of Animal Ecology, 2004, 73, 789-801.	2.8	114
44	Stable-Carbon and Nitrogen Isotope Ratios of Songbird Feathers Grown in Two Terrestrial Biomes: Implications for Evaluating Trophic Relationships and Breeding Origins. Condor, 1999, 101, 799-805.	1.6	110
45	A Method for Investigating Population Declines of Migratory Birds Using Stable Isotopes: Origins of Harvested Lesser Scaup in North America. PLoS ONE, 2009, 4, e7915.	2.5	109
46	Intrapopulation variation in gray wolf isotope (Î´15N and Î´13C) profiles: implications for the ecology of individuals. Oecologia, 2005, 145, 316-325.	2.0	108
47	A Stable-Isotope Approach to Delineate Geographical Catchment Areas of Avian Migration Monitoring Stations in North America. Environmental Science & Technology, 2001, 35, 1845-1850.	10.0	104
48	USE OF BODY STORES IN SHOREBIRDS AFTER ARRIVAL ON HIGH-ARCTIC BREEDING GROUNDS. Auk, 2004, 121, 333.	1.4	104
49	Fast carnivores and slow herbivores: differential foraging strategies among grizzly bears in the Canadian Arctic. Oecologia, 2011, 165, 877-889.	2.0	104
50	Blood Isotopic (Î´¹³C and Î´¹⁵N) Turnover and Diet-Tissue Fractionation Factors in Captive Dunlin (Calidris alpina pacifica). Auk, 2004, 121, 170-177.	1.4	102
51	Stable-hydrogen isotope heterogeneity in keratinous materials: mass spectrometry and migratory wildlife tissue subsampling strategies. Rapid Communications in Mass Spectrometry, 2006, 20, 2505-2510.	1.5	100
52	BEHAVIORAL DEFENSES AGAINST AVIAN BROOD PARASITISM IN SYMPATRIC AND ALLOPATRIC HOST POPULATIONS. Evolution; International Journal of Organic Evolution, 1992, 46, 334-340.	2.3	98
53	Stable carbon and nitrogen isotope patterns in baleen from eastern Arctic bowhead whales (Balaena) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	98
54	Regional climate on the breeding grounds predicts variation in the natal origin of monarch butterflies overwintering in Mexico over 38Âyears. Global Change Biology, 2017, 23, 2565-2576.	9.5	98

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55	Using Isoscapes to Track Animal Migration. , 2010, , 273-298.		97
56	Isotopic ornithology: a perspective. Journal of Ornithology, 2011, 152, 49-66.	1.1	97
57	Expanding the Isotopic Toolbox: Applications of Hydrogen and Oxygen Stable Isotope Ratios to Food Web Studies. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	95
58	Combining stable-isotope (ÎˊD) and band recovery data to improve probabilistic assignment of migratory birds to origin. , 2011, 21, 1340-1351.		92
59	Use of Body Stores in Shorebirds after Arrival on High-Arctic Breeding Grounds. Auk, 2004, 121, 333-344.	1.4	91
60	Reâ€evaluation of the hydrogen stable isotopic composition of keratin calibration standards for wildlife and forensic science applications. Rapid Communications in Mass Spectrometry, 2017, 31, 1193-1203.	1.5	90
61	Effect of diet quality on carbon and nitrogen turnover and isotopic discrimination in blood of a New World nectarivorous bat. Journal of Experimental Biology, 2006, 209, 541-548.	1.7	89
62	Stable hydrogen and oxygen isotopes in aquatic food webs are tracers of diet and provenance. Functional Ecology, 2013, 27, 535-543.	3.6	89
63	Organochlorine contaminants in seven species of Arctic seabirds from northern Baffin Bay. Environmental Pollution, 2004, 128, 327-338.	7.5	87
64	Fuel loads acquired at a stopover site influence the pace of intercontinental migration in a boreal songbird. Scientific Reports, 2017, 7, 3405.	3.3	87
65	Stable Isotope Analysis of Marbled Murrelets: Evidence for Freshwater Feeding and Determination of Trophic Level. Condor, 1990, 92, 897.	1.6	84
66	Applying Isotopic Methods to Tracking Animal Movements. Journal of Nano Education (Print), 2008, 2, 45-78.	0.3	83
67	Rapidly increasing methyl mercury in endangered ivory gull (Pagophila eburnea) feathers over a 130 year record. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150032.	2.6	83
68	Connecting breeding and wintering grounds of Neotropical migrant songbirds using stable hydrogen isotopes: a call for an isotopic atlas of migratory connectivity. Journal of Field Ornithology, 2014, 85, 237-257.	0.5	80
69	Differences in spatial synchrony and interspecific concordance inform guildâ€level population trends for aerial insectivorous birds. Ecography, 2016, 39, 774-786.	4.5	80
70	Persistent Organic Pollutants (POPs) in a Small, Herbivorous, Arctic Marine Zooplankton (Calanus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Pollution Bulletin, 2001, 43, 93-101.	5.0	79
71	LOW VARIATION IN BLOOD ÎˊC AMONG HUDSON BAY POLAR BEARS: IMPLICATIONS FOR METABOLISM AND TRACING TERRESTRIAL FORAGING. Marine Mammal Science, 1997, 13, 359-367.	1.8	78
72	Examination of the bioaccumulation of halogenated dimethyl bipyrroles in an Arctic marine food web using stable nitrogen isotope analysis. Environmental Pollution, 2002, 116, 85-93.	7.5	78

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73	Norway Rats as Predators of Burrow-Nesting Seabirds: Insights from Stable Isotope Analyses. Journal of Wildlife Management, 1999, 63, 14.	1.8	77
74	Tracing Nutrient Allocation to Reproduction With Stable Isotopes: A Preliminary Investigation Using Colonial Waterbirds of Great Slave Lake. Auk, 2000, 117, 760-774.	1.4	75
75	Changes in Food Web Structure Alter Trends of Mercury Uptake at Two Seabird Colonies in the Canadian Arctic. Environmental Science & Technology, 2014, 48, 13246-13252.	10.0	73
76	Sources of assimilated protein in five species of New World frugivorous bats. Oecologia, 2002, 133, 280-287.	2.0	71
77	Using Isotopic Variance to Detect Long-Distance Dispersal and Philopatry in Birds: An Example with Ovenbirds and American Redstarts. Condor, 2004, 106, 732-743.	1.6	71
78	Trophic structure and pathways of biogenic carbon flow in the eastern North Water Polynya. Progress in Oceanography, 2006, 71, 402-425.	3.2	71
79	Geographic variation in the isotopic (Î´D, Î´13C, Î´15N, Î´34S) composition of feathers and claws from lesser scaup and northern pintail: implications for studies of migratory connectivity. Canadian Journal of Zoology, 2006, 84, 1395-1401.	1.0	71
80	Stable isotopic determinations of trophic relationships of great auks. Oecologia, 1991, 87, 528-531.	2.0	70
81	DIET OF RINGED SEALS (PHOCA HISPIDA) ON THE EAST AND WEST SIDES OF THE NORTH WATER POLYNYA, NORTHERN BAFFIN BAY. Marine Mammal Science, 2001, 17, 888-908.	1.8	70
82	Stable isotopes (Î´D) delineate the origins and migratory connectivity of harvested animals: the case of European woodpigeons. Journal of Applied Ecology, 2009, 46, 572-581.	4.0	70
83	Critique: measuring hydrogen stable isotope abundance of proteins to infer origins of wildlife, food and people. Bioanalysis, 2013, 5, 751-767.	1.5	68
84	Changing gull diet in a changing world: A 150â€year stable isotope (Î´¹³C,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 Global Change Biology, 2015, 21, 1497-1507.	9.5	67
85	Linking Breeding and Wintering Grounds of Bicknell's Thrushes Using Stable Isotope Analyses of Feathers. Auk, 2001, 118, 16-23.	1.4	66
86	USING ISOTOPIC VARIANCE TO DETECT LONG-DISTANCE DISPERSAL AND PHILOPATRY IN BIRDS: AN EXAMPLE WITH OVENBIRDS AND AMERICAN REDSTARTS. Condor, 2004, 106, 732.	1.6	66
87	Migration strategy affects avian influenza dynamics in mallards (<scp>A</scp>nas) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.9	66
88	Isotopic Evidence That Dragonflies (Pantala flavescens) Migrating through the Maldives Come from the Northern Indian Subcontinent. PLoS ONE, 2012, 7, e52594.	2.5	66
89	Conventional and isotopic determinations of shorebird diets at an inland stopover: the importance of invertebrates andPotamogeton pectinatustubers. Canadian Journal of Zoology, 1996, 74, 1057-1068.	1.0	65
90	The Role of Fruits and Insects in the Nutrition of Frugivorous Bats: Evaluating the Use of Stable Isotope Models1. Biotropica, 2001, 33, 520-528.	1.6	65

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91	Changes in diet and trophic position of a top predator 10 years after a mass mortality of a key prey. ICES Journal of Marine Science, 2010, 67, 1710-1720.	2.5	65
92	Geographic, Temporal, and Age-Specific Variation in Diets of Glaucous Gulls in Western Alaska. Condor, 1998, 100, 119-130.	1.6	64
93	Lizards combine stored energy and recently acquired nutrients flexibly to fuel reproduction. Journal of Animal Ecology, 2008, 77, 1242-1249.	2.8	64
94	APPARENT SURVIVAL OF MALE OVENBIRDS IN FRAGMENTED AND FORESTED BOREAL LANDSCAPES. Ecology, 2002, 83, 1307-1316.	3.2	62
95	Physiological ramifications of habitat selection in territorial male ovenbirds: consequences of landscape fragmentation. Oecologia, 2002, 130, 356-363.	2.0	62
96	SOURCES OF PROTEIN IN TWO SPECIES OF PHYTOPHAGOUS BATS IN A SEASONAL DRY FOREST: EVIDENCE FROM STABLE-ISOTOPE ANALYSIS. Journal of Mammalogy, 2001, 82, 352-361.	1.3	59
97	Prolonging the arctic pulse: longâ€term exploitation of cached eggs by arctic foxes when lemmings are scarce. Journal of Animal Ecology, 2007, 76, 873-880.	2.8	58
98	Do purely capital layers exist among flying birds? Evidence of exogenous contribution to arctic-nesting common eider eggs. Oecologia, 2011, 165, 593-604.	2.0	58
99	A dragonfly (Î´²H) isoscape for North America: a new tool for determining natal origins of migratory aquatic emergent insects. Methods in Ecology and Evolution, 2012, 3, 766-772.	5.2	58
100	LINKING BREEDING AND WINTERING GROUNDS OF BICKNELL'S THRUSHES USING STABLE ISOTOPE ANALYSES OF FEATHERS. Auk, 2001, 118, 16.	1.4	58
101	Advances in Linking Wintering Migrant Birds to Their Breeding-Ground Origins Using Combined Analyses of Genetic and Stable Isotope Markers. PLoS ONE, 2012, 7, e43627.	2.5	57
102	Differential migration and the link between winter latitude, timing of migration, and breeding in a songbird. Oecologia, 2016, 181, 413-422.	2.0	56
103	ISOTOPIC DELINEATION OF NORTH AMERICAN MIGRATORY WILDLIFE POPULATIONS: LOGGERHEAD SHRIKES. , 2001, 11, 1545-1553.		54
104	Long-distance autumn migration across the Sahara by painted lady butterflies: exploiting resource pulses in the tropical savannah. Biology Letters, 2016, 12, 20160561.	2.3	54
105	A Continent-Wide Migratory Divide in North American Breeding Barn Swallows (Hirundo rustica). PLoS ONE, 2015, 10, e0129340.	2.5	54
106	Disease Dynamics and Bird Migrationâ€"Linking Mallards Anas platyrhynchos and Subtype Diversity of the Influenza A Virus in Time and Space. PLoS ONE, 2012, 7, e35679.	2.5	53
107	Understanding Survival and Abundance of Overwintering Warblers: Does Rainfall Matter?. Condor, 2004, 106, 744-760.	1.6	52
108	On the use of stable oxygen isotope (Î´¹⁸O) measurements for tracking avian movements in North America. Ecology and Evolution, 2015, 5, 799-806.	1.9	52

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109	Stable Isotopes (Î´D, Î´¹³C, Î´¹⁵N) Reveal Associations Among Geographic Location and Condition of Alaskan Northern Pintails. Journal of Wildlife Management, 2008, 72, 715-725.	1.8	51
110	ESTIMATING ORIGINS OF SHORT-DISTANCE MIGRANT SONGBIRDS IN NORTH AMERICA: CONTRASTING INFERENCES FROM HYDROGEN ISOTOPE MEASUREMENTS OF FEATHERS, CLAWS, AND BLOOD. Condor, 2005, 107, 280.	1.6	50
111	Quantifying dietary pathways of proteins and lipids to tissues of a marine predator. Journal of Applied Ecology, 2011, 48, 373-381.	4.0	50
112	Trophic partitioning in tropical rain forest birds: insights from stable isotope analysis. Oecologia, 2003, 136, 439-444.	2.0	49
113	UNDERSTANDING SURVIVAL AND ABUNDANCE OF OVERWINTERING WARBLERS: DOES RAINFALL MATTER?. Condor, 2004, 106, 744.	1.6	49
114	Mercury Stable Isotopes in Seabird Eggs Reflect a Gradient from Terrestrial Geogenic to Oceanic Mercury Reservoirs. Environmental Science & Technology, 2012, 46, 5327-5335.	10.0	49
115	Tracking Cats: Problems with Placing Feline Carnivores on Î´18O, Î´D Isoscapes. PLoS ONE, 2011, 6, e24601.	2.5	49
116	Heterogeneity in stable isotope profiles predicts coexistence of populations of barn swallows Hirundo rustica differing in morphology and reproductive performance. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1355-1362.	2.6	47
117	RETROSPECTIVE ISOTOPIC ANALYSES OF STELLER SEA LION TOOTH ANNULI AND SEABIRD FEATHERS: A CROSS-TAXA APPROACH TO INVESTIGATING REGIME AND DIETARY SHIFTS IN THE GULF OF ALASKA. Marine Mammal Science, 2004, 20, 621-638.	1.8	47
118	An online temperatureâ€controlled vacuumâ€equilibration preparation system for the measurement of Î´²H values of nonâ€exchangeableâ€H and of Î´¹⁸O values in organic materials by isotopeâ€ratio mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 397-407.	1.5	47
119	TRACING NUTRIENT ALLOCATION TO REPRODUCTION IN BARROW'S GOLDENEYE. Journal of Wildlife Management, 2005, 69, 1221-1228.	1.8	46
120	The influence of breeding colony and sex on mercury, selenium and lead levels and carbon and nitrogen stable isotope signatures in summer and winter feathers of Calonectris shearwaters. Oecologia, 2009, 159, 345-354.	2.0	46
121	Long-Distance Range Expansion and Rapid Adjustment of Migration in a Newly Established Population of Barn Swallows Breeding in Argentina. Current Biology, 2017, 27, 1080-1084.	3.9	46
122	Migratory double breeding in Neotropical migrant birds. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19050-19055.	7.1	45
123	DO NORTH AMERICAN MONARCH BUTTERFLIES TRAVEL TO CUBA? STABLE ISOTOPE AND CHEMICAL TRACER TECHNIQUES. , 2004, 14, 1106-1114.		44
124	Estimating Origins of Short-Distance Migrant Songbirds in North America: Contrasting Inferences From Hydrogen Isotope Measurements of Feathers, Claws, and Blood. Condor, 2005, 107, 280-288.	1.6	44
125	Summer diet of king penguins (Aptenodytes patagonicus) at the Falkland Islands, southern Atlantic Ocean. Polar Biology, 2002, 25, 898-906.	1.2	43
126	Stable isotopes in ecological studies. Oecologia, 2005, 144, 517-519.	2.0	43

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127	Animal Migration. , 2019, , 1-23.		43
128	Making Migratory Connections with Stable Isotopes. , 2003, , 379-391.		42
129	Stable Isotope Analysis of Amphidromous Hawaiian Gobies Suggests Their Larvae Spend a Substantial Period of Time in Freshwater River Plumes. Environmental Biology of Fishes, 2005, 74, 31-42.	1.0	42
130	Temporal trends of mercury in marine biota of west and northwest Greenland. Marine Pollution Bulletin, 2007, 54, 72-80.	5.0	42
131	Animal Migration: A Context for Using New Techniques and Approaches. Journal of Nano Education (Print), 2008, , 1-19.	0.3	42
132	Migration distance as a selective episode for wing morphology in a migratory insect. Movement Ecology, 2017, 5, 7.	2.8	42
133	The variation in Î´13C values in bone collagen for two wild herbivore populations: Implications for palaeodiet studies. Journal of Archaeological Science, 1986, 13, 101-106.	2.4	41
134	Contrasting assignment of migratory organisms to geographic origins using longâ€term versus yearâ€specific precipitation isotope maps. Methods in Ecology and Evolution, 2014, 5, 891-900.	5.2	41
135	A Multi-Isotope (Î´²H,Î´¹³C,Î´¹⁵N) Approach to Establishing Migratory Connectivity in Palearctic-Afrotropical Migrants: An Example using Wood WarblersPhylloscopus sibilatrix. Acta Ornithologica, 2014, 49, 57-69.	0.5	41
136	Multiâ€tissue stableâ€isotope analyses can identify dietary specialization. Methods in Ecology and Evolution, 2016, 7, 1428-1437.	5.2	41
137	Trophic structure of a boreal forest arthropod community revealed by stable isotope (Î´¹³C, Î´¹⁵N) analyses. Entomological Science, 2009, 12, 17-24.	0.6	40
138	Assessing seasonal changes in animal diets with stable-isotope analysis of amino acids: a migratory boreal songbird switches diet over its annual cycle. Oecologia, 2018, 187, 1-13.	2.0	40
139	BREEDING BIRD COMMUNITIES IN BOREAL FOREST OF WESTERN CANADA: CONSEQUENCES OF â€œUNMIXINGâ€• THE MIXEDWOODS. Condor, 2000, 102, 759.	1.6	40
140	Stable hydrogen isotopes of bison bone collagen as a proxy for Holocene climate on the Northern Great Plains. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 239, 87-99.	2.3	39
141	Using stable hydrogen isotopes (Î´²H) and ring recoveries to trace natal origins in a Eurasian passerine with a migratory divide. Journal of Avian Biology, 2013, 44, 541-550.	1.2	39
142	Inferring origins of migrating insects using isoscapes: a case study using the true armyworm, Mythimna unipuncta, in North America. Ecological Entomology, 2018, 43, 332-341.	2.2	39
143	Spring arrival along a migratory divide of sympatric blackcaps (Sylvia atricapilla). Oecologia, 2010, 162, 175-183.	2.0	38
144	Understanding the migration ecology of European red admirals Vanessa atalanta using stable hydrogen isotopes. Ecography, 2010, 33, 720-729.	4.5	38

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145	DIET OF HARP SEALS (PAGOPHILUS GROENLANDICUS) IN NEARSHORE NORTHEAST NEWFOUNDLAND: INFERENCES FROM STABLE-CARBON (Î´13C) AND NITROGEN (Î´15N) ISOTOPE ANALYSES. Marine Mammal Science, 2000, 16, 578-591.	1.8	37
146	Using Stable Hydrogen Isotope Analysis of Feathers to Delineate Origins of Harvested Sandhill Cranes in the Central Flyway of North America. Waterbirds, 2006, 29, 137-147.	0.3	37
147	Environmental conditions on wintering grounds and during migration influence spring nutritional condition and arrival phenology of Neotropical migrants at a northern stopover site. Journal of Ornithology, 2013, 154, 1067-1078.	1.1	37
148	Using Hydrogen Isotopes to Assign Origins of Bats in the Eastern United States. Journal of Mammalogy, 2009, 90, 743-751.	1.3	36
149	Lekking birds in a tropical forest forego sex for migration. Biology Letters, 2011, 7, 661-663.	2.3	36
150	Deciphering the structure of the West Greenland marine food web using stable isotopes (Î´13C, Î´15N). Marine Biology, 2016, 163, 1.	1.5	36
151	Isotopic (Î´15N and Î´13C) evidence for intersexual foraging differences and temporal variation in habitat use in waved albatrosses. Canadian Journal of Zoology, 2007, 85, 273-279.	1.0	35
152	Connecting Breeding and Wintering Habitats of Migratory Piscivorous Birds: Implications for Tracking Contaminants (Hg) Using Multiple Stable Isotopes. Environmental Science & Technology, 2012, 46, 3263-3272.	10.0	34
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