

Leonard I Wassenaar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/254380/publications.pdf>

Version: 2024-02-01

232
papers

12,982
citations

26567

56
h-index

32761

100
g-index

245
all docs

245
docs citations

245
times ranked

8390
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotopic composition ($\delta^{15}\text{N}$, $\delta^{18}\text{O}$) of nitrate in high-frequency precipitation events differentiate atmospheric processes and anthropogenic NO _x emissions. <i>Atmospheric Research</i> , 2022, 267, 105971.	1.8	8
2	Assessment of rapid low-cost isotope ($\delta^{15}\text{N}$, $\delta^{18}\text{O}$) analyses of nitrate in fruit extracts by Ti(III) reduction to differentiate organic from conventional production. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9259.	0.7	5
3	Nitrate sources and mixing in the Danube watershed: implications for transboundary river basin monitoring and management. <i>Scientific Reports</i> , 2022, 12, 2150.	1.6	6
4	Influence of equilibration time, soil texture, and saturation on the accuracy of porewater water isotope assays using the direct H ₂ O(liquid)–H ₂ O(vapor) equilibration method. <i>Journal of Hydrology</i> , 2022, 607, 127560.	2.3	6
5	Hydrogen isotopes ($\delta^2\text{H}$) of polyunsaturated fatty acids track bioconversion by zooplankton. <i>Functional Ecology</i> , 2022, 36, 538-549.	1.7	17
6	High spatial resolution prediction of tritium (3H) in contemporary global precipitation. <i>Scientific Reports</i> , 2022, 12, .	1.6	9
7	Global patterns of nitrate isotope composition in rivers and adjacent aquifers reveal reactive nitrogen cascading. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	56
8	The Pulse of the Amazon: Fluxes of Dissolved Organic Carbon, Nutrients, and Ions From the World's Largest River. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006895.	1.9	16
9	Compound-specific stable hydrogen isotope ($\delta^2\text{H}$) analyses of fatty acids: A new method and perspectives for trophic and movement ecology. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9135.	0.7	16
10	Improved high-resolution global and regionalized isoscapes of $\delta^{18}\text{O}$, $\delta^2\text{H}$ and δd -excess in 1.1 precipitation. <i>Hydrological Processes</i> , 2021, 35, e14254.	1.1	36
11	Performance of low-cost stainless-steel beverage kegs for long-term storage integrity and easy dispensing of water isotope ($\delta^{18}\text{O}$, $\delta^2\text{H}$) reference materials. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9164.	0.7	3
12	Temperature and precipitation effects on the isotopic composition of global precipitation reveal long-term climate dynamics. <i>Scientific Reports</i> , 2021, 11, 18503.	1.6	25
13	Progress and challenges in dual- and triple-isotope ($\delta^{18}\text{O}$, $\delta^2\text{H}$, $\delta^{17}\text{O}$) analyses of environmental waters: An international assessment of laboratory performance. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9193.	0.7	14
14	Distinguishing in-cloud and below-cloud short and distal N-sources from high-temporal resolution seasonal nitrate and ammonium deposition in Vienna, Austria. <i>Atmospheric Environment</i> , 2021, 266, 118740.	1.9	9
15	Comparative evaluation of 2H- versus 3H-based enrichment factor determination on the uncertainty and accuracy of low-level tritium analyses of environmental waters. <i>Applied Radiation and Isotopes</i> , 2021, 176, 109850.	0.7	1
16	Experimental Evaluation of $\delta^2\text{H}$, $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Variability in Blood and Feathers of Wild and Captive Birds: Implications for Interspecific Food Web Studies. <i>Diversity</i> , 2021, 13, 495.	0.7	1
17	Principles and uncertainties of $\delta^{14}\text{C}$ age estimations for groundwater transport and resource evaluation. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 111-141.	0.5	6
18	Stable isotopes in global lakes integrate catchment and climatic controls on evaporation. <i>Nature Communications</i> , 2021, 12, 7224.	5.8	35

#	ARTICLE	IF	CITATIONS
19	60-year trends of $\delta^{18}O$ in global precipitation reveal large scale hydroclimatic variations. <i>Global and Planetary Change</i> , 2020, 195, 103335.	1.6	17
20	PREFACE: IAEA International Symposium on Isotope Hydrology. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 93-94.	0.5	0
21	Stable isotope fractionations in the evaporation of water: The wind effect. <i>Hydrological Processes</i> , 2020, 34, 3596-3607.	1.1	15
22	Proficiency testing of 78 international laboratories measuring tritium in environmental waters by decay counting and mass spectrometry for age dating and water resources assessment. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8832.	0.7	8
23	The first IAEA inter-laboratory comparison exercise in Latin America and the Caribbean for stable isotope analyses of water samples. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 391-401.	0.5	9
24	Small-scale chemical and isotopic variability of hydrological pathways in a mountain lake catchment. <i>Journal of Hydrology</i> , 2020, 585, 124834.	2.3	19
25	The Use of Stable Isotopic Analyses to Identify Pulp Mill Effluent Signatures in Riverine Food Webs. , 2020, , 413-423.		1
26	Spatio-temporal variation of nitrate sources to Lake Winnipeg using N and O isotope ($\delta^{15}N$, $\delta^{18}O$) analyses. <i>Science of the Total Environment</i> , 2019, 647, 486-493.	3.9	54
27	^{14}C chronology and stable isotopes on <i>Lymnaea viatrix</i> shells in northwest Patagonia, Argentina. Do they express the Antarctic climatic reversal?. <i>Carbonates and Evaporites</i> , 2019, 34, 133-142.	0.4	1
28	Introduction to Conducting Stable Isotope Measurements for Animal Migration Studies. , 2019, , 25-51.		20
29	A Ti(III) reduction method for one-step conversion of seawater and freshwater nitrate into N_2O for stable isotopic analysis of $^{15}N/^{14}N$, $^{18}O/^{16}O$ and $^{17}O/^{16}O$. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1227-1239.	0.7	40
30	Isoscape Computation and Inference of Spatial Origins With Mixed Models Using the R package IsoriX. , 2019, , 207-236.		19
31	Outlook for Using Stable Isotopes in Animal Migration Studies. , 2019, , 237-244.		6
32	Stable isotope patterns reveal widespread rainy-period-biased recharge in phreatic aquifers across Greece. <i>Journal of Hydrology</i> , 2019, 568, 1081-1092.	2.3	13
33	Seeking excellence: An evaluation of 235 international laboratories conducting water isotope analyses by isotope ratio and laser absorption spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 393-406.	0.7	54
34	A laboratory information management system for the analysis of tritium (3H) in environmental waters. <i>Applied Radiation and Isotopes</i> , 2018, 137, 139-146.	0.7	6
35	Patterns of parasitism in monarch butterflies during the breeding season in eastern North America. <i>Ecological Entomology</i> , 2018, 43, 28-36.	1.1	14
36	A simple polymer electrolyte membrane system for enrichment of low-level tritium (3H) in environmental water samples. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 274-287.	0.5	6

#	ARTICLE	IF	CITATIONS
37	N and O isotope ($\delta^{15}\text{N}$, $\delta^{15}\text{N}$) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 5	0.7	25
38	and NO_2 by the Cd-azide reduction method and N_2O laser spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 184-194.		
39	Correcting for Biogenic Gas Matrix Effects on Laser-Based Pore Water Vapor Stable Isotope Measurements. <i>Vadose Zone Journal</i> , 2018, 17, 1-10.	1.3	27
40	Geographic origin and migration phenology of European red admirals (<i>Vanessa atalanta</i>) as revealed by stable isotopes. <i>Movement Ecology</i> , 2018, 6, 25.	1.3	10
41	Assessing the fate of explosives derived nitrate in mine waste rock dumps using the stable isotopes of oxygen and nitrogen. <i>Science of the Total Environment</i> , 2018, 640-641, 127-137.	3.9	22
42	A unified Craig-Gordon isotope model of stable hydrogen and oxygen isotope fractionation during fresh or saltwater evaporation. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 224-236.	1.6	60
43	High-frequency NO_3^- isotope ($\delta^{15}\text{N}$) groundwater recharge reveal that short-term changes in land use and precipitation influence nitrate contamination trends. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4267-4279.	1.9	31
44	Regional climate on the breeding grounds predicts variation in the natal origin of monarch butterflies overwintering in Mexico over 38 years. <i>Global Change Biology</i> , 2017, 23, 2565-2576.	4.2	98
45	Re-evaluation of the hydrogen stable isotopic composition of keratin calibration standards for wildlife and forensic science applications. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1193-1203.	0.7	90
46	Isotopic evidence for widespread cold-season-biased groundwater recharge and young streamflow across central Canada. <i>Hydrological Processes</i> , 2017, 31, 2196-2209.	1.1	65
47	Migration distance as a selective episode for wing morphology in a migratory insect. <i>Movement Ecology</i> , 2017, 5, 7.	1.3	42
48	American woodcock migratory connectivity as indicated by hydrogen isotopes. <i>Journal of Wildlife Management</i> , 2016, 80, 510-526.	0.7	12
49	Measurement of extremely H_2 -enriched water samples by laser spectrometry: application to batch electrolytic concentration of environmental tritium samples. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 415-422.	0.7	13
50	Using hydrogen isotopes of freshwater fish tissue as a tracer of provenance. <i>Ecology and Evolution</i> , 2016, 6, 7776-7782.	0.8	15
51	Precipitation isoscapes for New Zealand: enhanced temporal detail using precipitation-weighted daily climatology. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 343-352.	0.5	22
52	A compact tritium enrichment unit for large sample volumes with automated re-filling and higher enrichment factor. <i>Applied Radiation and Isotopes</i> , 2016, 118, 80-86.	0.7	12
53	IAEA International Symposium on Isotope Hydrology: Revisiting Foundations and Exploring Frontiers, 11-15 May 2015, Vienna, Austria. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 327-328.	0.5	0
54	Possible linkage between neuronal recruitment and flight distance in migratory birds. <i>Scientific Reports</i> , 2016, 6, 21983.	1.6	23
55	Correcting Laser-Based Water Stable Isotope Readings Biased by Carrier Gas Changes. <i>Environmental Science & Technology</i> , 2016, 50, 7074-7081.	4.6	28

#	ARTICLE	IF	CITATIONS
55	Differential migration and the link between winter latitude, timing of migration, and breeding in a songbird. <i>Oecologia</i> , 2016, 181, 413-422.	0.9	56
56	Prey consumption and trace element concentrations in double-crested cormorants (<i>Phalacrocorax</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	4
57	LIMS for Lasers 2015 for achieving long-term accuracy and precision of $\delta^2\text{H}$, $\delta^{17}\text{O}$, and $\delta^{18}\text{O}$ of waters using laser absorption spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2122-2130.	0.7	62
58	Space-time tradeoffs in the development of precipitation-based isoscape models for determining migratory origin. <i>Journal of Avian Biology</i> , 2015, 46, 658-667.	0.6	16
59	Can argillaceous formations isolate nuclear waste? Insights from isotopic, noble gas, and geochemical profiles. <i>Geofluids</i> , 2015, 15, 381-386.	0.3	36
60	A new isotopic reference material for stable hydrogen and oxygen isotope ratio measurements of water – USGS50 Lake Kyoga Water. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2078-2082.	0.7	5
61	Determining the stable isotope composition of pore water from saturated and unsaturated zone core: improvements to the direct vapour equilibration laser spectrometry method. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4427-4440.	1.9	56
62	Do Healthy Monarchs Migrate Farther? Tracking Natal Origins of Parasitized vs. Uninfected Monarch Butterflies Overwintering in Mexico. <i>PLoS ONE</i> , 2015, 10, e0141371.	1.1	80
63	The Global Network of Isotopes in Rivers (GNIR): integration of water isotopes in watershed observation and riverine research. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 3419-3431.	1.9	94
64	The efficacy of scale sampling for monitoring trace element concentrations and stable isotopes in commercially harvested walleye (<i>Sander vitreus</i>). <i>Isotopes in Environmental and Health Studies</i> , 2015, 51, 359-371.	0.5	1
65	An online temperature-controlled vacuum equilibration preparation system for the measurement of $\delta^2\text{H}$ values of non-exchangeable H and of $\delta^{18}\text{O}$ values in organic materials by isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 397-407.	0.7	47
66	Sensitivity of structural and functional indicators depends on type and resolution of anthropogenic activities. <i>Ecological Indicators</i> , 2014, 45, 274-284.	2.6	24
67	No evidence for assortative mating within a willow warbler migratory divide. <i>Frontiers in Zoology</i> , 2014, 11, 52.	0.9	17
68	Comparison of methods for stable isotope ratio ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$, $\delta^2\text{H}$) Tj ETQq0 0 0 rgBT /Overlock	2.2	18
69	Contrasting assignment of migratory organisms to geographic origins using long-term versus year-specific precipitation isotope maps. <i>Methods in Ecology and Evolution</i> , 2014, 5, 891-900.	2.2	41
70	Defining fish community structure in Lake Winnipeg using stable isotopes ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$, $\delta^{34}\text{S}$): Implications for monitoring ecological responses and trophodynamics of mercury & other trace elements. <i>Science of the Total Environment</i> , 2014, 497-498, 239-249.	3.9	45
71	Approaches for Achieving Long-Term Accuracy and Precision of $\delta^{18}\text{O}$ and $\delta^2\text{H}$ for Waters Analyzed using Laser Absorption Spectrometers. <i>Environmental Science & Technology</i> , 2014, 48, 1123-1131.	4.6	69
72	Inferring the ecology of willow warblers during their winter moult by sequential stable isotope analyses of remiges. <i>Journal of Avian Biology</i> , 2013, 44, 561-566.	0.6	3

#	ARTICLE	IF	CITATIONS
73	The influence of metabolic effects on stable hydrogen isotopes in tissues of aquatic organisms. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 305-311.	0.5	16
74	Stable hydrogen and oxygen isotopes in aquatic food webs are tracers of diet and provenance. <i>Functional Ecology</i> , 2013, 27, 535-543.	1.7	89
75	An Appraisal of the Use of Hydrogen-Isotope Methods to Delineate Origins of Migratory Saw-whet Owls in North America. <i>Condor</i> , 2013, 115, 366-374.	0.7	14
76	An exploration of migratory connectivity of the Rufous Hummingbird (<i>Selasphorus rufus</i>), using feather deuterium. <i>Journal of Ornithology</i> , 2013, 154, 423-430.	0.5	9
77	Tracking multi-generational colonization of the breeding grounds by monarch butterflies in eastern North America. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131087.	1.2	146
78	Conservation through connectivity: can isotopic gradients in Africa reveal winter quarters of a migratory bird?. <i>Oecologia</i> , 2013, 171, 591-600.	0.9	22
79	Hydrogen isotope variability in prairie wetland systems: implications for studies of migratory connectivity. , 2013, 23, 110-121.		14
80	Critique: measuring hydrogen stable isotope abundance of proteins to infer origins of wildlife, food and people. <i>Bioanalysis</i> , 2013, 5, 751-767.	0.6	68
81	Measurement of stable isotope activities in saline aqueous solutions using optical spectroscopy methods. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 378-386.	0.5	17
82	Paleohydrogeology of the Cretaceous sediments of the Williston Basin using stable isotopes of water. <i>Water Resources Research</i> , 2013, 49, 4580-4592.	1.7	66
83	Global isoscapes for $\delta^{18}\text{O}$ and $\delta^2\text{H}$ in precipitation: improved prediction using regionalized climatic regression models. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 4713-4728.	1.9	202
84	Factors Influencing the Turnover and Net Isotopic Discrimination of Hydrogen Isotopes in Proteinaceous Tissue: Experimental Results Using Japanese Quail. <i>Physiological and Biochemical Zoology</i> , 2012, 85, 376-384.	0.6	10
85	A multi-isotope ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$, $\delta^2\text{H}$) feather isoscape to assign Afrotropical migrant birds to origins. <i>Ecosphere</i> , 2012, 3, 1-20.	1.0	83
86	Connecting Breeding and Wintering Habitats of Migratory Piscivorous Birds: Implications for Tracking Contaminants (Hg) Using Multiple Stable Isotopes. <i>Environmental Science & Technology</i> , 2012, 46, 3263-3272.	4.6	34
87	Determination of the Hydrogen Isotopic Compositions of Organic Materials and Hydrous Minerals Using Thermal Combustion Laser Spectroscopy. <i>Analytical Chemistry</i> , 2012, 84, 3640-3645.	3.2	14
88	Stable hydrogen isotope measures of natal dispersal reflect observed population declines in a threatened migratory songbird. <i>Diversity and Distributions</i> , 2012, 18, 919-930.	1.9	34
89	Rates of microbial elemental sulfur oxidation and ^{18}O and ^{34}S isotopic fractionation under varied nutrient and temperature regimes. <i>Applied Geochemistry</i> , 2012, 27, 186-196.	1.4	7
90	An isotopic baseline ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$) for fishes of Lake Winnipeg: Implications for investigating impacts of eutrophication and invasive species. <i>Journal of Great Lakes Research</i> , 2012, 38, 58-65.	0.8	29

#	ARTICLE	IF	CITATIONS
91	Dissolved oxygen status of Lake Winnipeg: Spatio-temporal and isotopic ($\delta^{18}\text{O}$ – O_2) patterns. <i>Journal of Great Lakes Research</i> , 2012, 38, 123-134.	0.8	22
92	Numerical modeling of hydrodynamics and tracer dispersion during ice-free period in Lake Winnipeg. <i>Journal of Great Lakes Research</i> , 2012, 38, 147-157.	0.8	19
93	A geostatistical approach to optimize water quality monitoring networks in large lakes: Application to Lake Winnipeg. <i>Journal of Great Lakes Research</i> , 2012, 38, 174-182.	0.8	32
94	Isotopic characterization of nitrate sources and transformations in Lake Winnipeg and its contributing rivers, Manitoba, Canada. <i>Journal of Great Lakes Research</i> , 2012, 38, 135-146.	0.8	36
95	Lake Winnipeg: The forgotten great lake. <i>Journal of Great Lakes Research</i> , 2012, 38, 1-5.	0.8	23
96	A Triple-Isotope Approach to Predict the Breeding Origins of European Bats. <i>PLoS ONE</i> , 2012, 7, e30388.	1.1	53
97	Linking Hydrogen ($\delta^2\text{H}$) Isotopes in Feathers and Precipitation: Sources of Variance and Consequences for Assignment to Isoscapes. <i>PLoS ONE</i> , 2012, 7, e35137.	1.1	143
98	Solving a Migration Riddle Using Isoscapes: House Martins from a Dutch Village Winter over West Africa. <i>PLoS ONE</i> , 2012, 7, e45005.	1.1	11
99	Migratory Connectivity of the Monarch Butterfly (<i>Danaus plexippus</i>): Patterns of Spring Re-Colonization in Eastern North America. <i>PLoS ONE</i> , 2012, 7, e31891.	1.1	48
100	Isotopic Evidence That Dragonflies (<i>Pantala flavescens</i>) Migrating through the Maldives Come from the Northern Indian Subcontinent. <i>PLoS ONE</i> , 2012, 7, e52594.	1.1	66
101	Technical Note: Evaluation of between-sample memory effects in the analysis of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ of water samples measured by laser spectrometers. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 3925-3933.	1.9	78
102	A feather–precipitation hydrogen isoscape model for New Zealand: implications for ecoforensics. <i>Ecosphere</i> , 2012, 3, 1-13.	1.0	7
103	Worldwide proficiency test for routine analysis of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ in water by isotope ratio mass spectrometry and laser absorption spectroscopy. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1641-1648.	0.7	59
104	The influence of metabolic rate on the contribution of stable hydrogen and oxygen isotopes in drinking water to quail blood plasma and feathers. <i>Functional Ecology</i> , 2012, 26, 1111-1119.	1.7	14
105	In situ experiment to determine advective-diffusive controls on solute transport in a clay-rich aquitard. <i>Journal of Contaminant Hydrology</i> , 2012, 131, 79-88.	1.6	16
106	A dragonfly ($\delta^2\text{H}$) isoscape for North America: a new tool for determining natal origins of migratory aquatic emergent insects. <i>Methods in Ecology and Evolution</i> , 2012, 3, 766-772.	2.2	58
107	Correcting for Methane Interferences on $\delta^2\text{H}$ and $\delta^{18}\text{O}$ Measurements in Pore Water Using $\text{H}_2\text{O}(\text{liquid})$ – $\text{H}_2\text{O}(\text{vapor})$ Equilibration Laser Spectroscopy. <i>Analytical Chemistry</i> , 2011, 83, 5789-5796.	3.2	33
108	Realtime Stable Isotope Monitoring of Natural Waters by Parallel-Flow Laser Spectroscopy. <i>Analytical Chemistry</i> , 2011, 83, 913-919.	3.2	24

#	ARTICLE	IF	CITATIONS
109	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
110	Controls on the long-term downward transport of $\delta^2\text{H}$ of water in a regionally extensive, two-layered aquitard system. <i>Water Resources Research</i> , 2011, 47, .	1.7	30
111	Costs and benefits of natal dispersal in yearling mallards <i>Anas platyrhynchos</i> . <i>Journal of Avian Biology</i> , 2011, 42, 123-133.	0.6	3
112	Isotope hydrology of precipitation, surface and ground waters in the Okanagan Valley, British Columbia, Canada. <i>Journal of Hydrology</i> , 2011, 411, 37-48.	2.3	137
113	Assessing waterbird habitat use in coastal evaporative systems using stable isotopes ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$ and $\delta^2\text{H}$) as environmental tracers. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 92, 217-222.	0.9	17
114	Effects of size and diet on stable hydrogen isotope values ($\delta^2\text{H}$) in fish: implications for tracing origins of individuals and their food sources. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 2011-2019.	0.7	35
115	Millennial-scale diffusive migration of solutes in thick clay-rich aquitards: evidence from multiple environmental tracers. <i>Hydrogeology Journal</i> , 2011, 19, 259-270.	0.9	30
116	Social and habitat correlates of immigrant recruitment of yearling female Mallards to breeding locations. <i>Journal of Ornithology</i> , 2011, 152, 781-791.	0.5	6
117	Improved online $\delta^{18}\text{O}$ measurements of nitrogen- and sulfur-bearing organic materials and a proposed analytical protocol. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2049-2058.	0.7	42
118	Monarch butterflies cross the Appalachians from the west to recolonize the east coast of North America. <i>Biology Letters</i> , 2011, 7, 43-46.	1.0	31
119	Tracking Cats: Problems with Placing Feline Carnivores on $\delta^{18}\text{O}$, $\delta^2\text{H}$ Isoscapes. <i>PLoS ONE</i> , 2011, 6, e24601.	1.1	49
120	Migratory connectivity in a declining bird species: using feather isotopes to inform demographic modelling. <i>Diversity and Distributions</i> , 2010, 16, 643-654.	1.9	13
121	Understanding the migration ecology of European red admirals <i>Vanessa atalanta</i> using stable hydrogen isotopes. <i>Ecography</i> , 2010, 33, 720-729.	2.1	38
122	Aquatic community metabolism response to municipal effluent inputs in rivers quantified using diel $\delta^{18}\text{O}$ values of dissolved oxygen. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 1232-1246.	0.7	28
123	The stable isotopic composition ($^{37}\text{Cl}/^{35}\text{Cl}$) of dissolved chloride in rainwater. <i>Applied Geochemistry</i> , 2010, 25, 91-96.	1.4	35
124	Origins of American Kestrels Wintering at Two Southern U.S. Sites: An Investigation Using Stable-Isotope ($\delta^2\text{H}$, $\delta^{18}\text{O}$) Methods. <i>Journal of Raptor Research</i> , 2009, 43, 325-337.	0.2	27
125	Temporal Sources of Deuterium ($\delta^2\text{H}$) Variability in Waterfowl Feathers Across a Prairie-to-Boreal Gradient. <i>Condor</i> , 2009, 111, 255-265.	0.7	20
126	Comparative microscale analysis of the effects of triclosan and triclocarban on the structure and function of river biofilm communities. <i>Science of the Total Environment</i> , 2009, 407, 3307-3316.	3.9	63

#	ARTICLE	IF	CITATIONS
127	Cl/Br ratios and stable chlorine isotope analysis of magmatic-hydrothermal fluid inclusions from Butte, Montana and Bingham Canyon, Utah. <i>Mineralium Deposita</i> , 2009, 44, 837-848.	1.7	39
128	A test of comparative equilibration for determining non-exchangeable stable hydrogen isotope values in complex organic materials. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2316-2320.	0.7	46
129	Stable isotopes ($\delta^{13}\text{C}$) delineate the origins and migratory connectivity of harvested animals: the case of European woodpigeons. <i>Journal of Applied Ecology</i> , 2009, 46, 572-581.	1.9	70
130	Does a lack of design and repeatability compromise scientific criticism? A response to Smith et al. (2009). <i>Auk</i> , 2009, 126, 922-926.	0.7	15
131	A Comparison of Laboratory and Field Based Determinations of Molecular Diffusion Coefficients in a Low Permeability Geologic Medium. <i>Environmental Science & Technology</i> , 2009, 43, 6730-6736.	4.6	24
132	A groundwater isoscape ($\delta^{13}\text{C}$, $\delta^{18}\text{O}$) for Mexico. <i>Journal of Geochemical Exploration</i> , 2009, 102, 123-136.	1.5	154
133	A feather hydrogen isoscape for Mexico. <i>Journal of Geochemical Exploration</i> , 2009, 102, 63-70.	1.5	19
134	A feather hydrogen isoscape for Mexico. <i>Journal of Geochemical Exploration</i> , 2009, 102, 167-174.	1.5	16
135	Corrigendum "Geographic variation in the isotopic ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$) Tj ETQq1 1 0.784314 rgBT /Overlo implications for studies of migratory connectivity. <i>Canadian Journal of Zoology</i> , 2009, 87, 553-554.	0.4	27
136	Stable hydrogen isotope ($\delta^2\text{H}$) values in songbird nestlings: effects of diet, temperature, and body size. <i>Canadian Journal of Zoology</i> , 2009, 87, 767-772.	0.4	14
137	Inferring Heterogeneity in Aquitards Using High-Resolution $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ Profiles. <i>Ground Water</i> , 2009, 47, 639-645.	0.7	32
138	Spatial and temporal variability of prairie lake hydrology as revealed using stable isotopes of hydrogen and oxygen. <i>Limnology and Oceanography</i> , 2009, 54, 101-118.	1.6	86
139	A Method for Investigating Population Declines of Migratory Birds Using Stable Isotopes: Origins of Harvested Lesser Scaup in North America. <i>PLoS ONE</i> , 2009, 4, e7915.	1.1	109
140	Placing butterflies on the map " testing regional geographical resolution of three stable isotopes in Sweden using the monophagus peacock <i>Inachis io</i> . <i>Ecography</i> , 2008, 31, 490-498.	2.1	24
141	Stable Isotopes ($\delta^{13}\text{C}$, $\delta^{15}\text{N}$) Reveal Associations Among Geographic Location and Condition of Alaskan Northern Pintails. <i>Journal of Wildlife Management</i> , 2008, 72, 715-725.	0.7	51
142	High Resolution Pore Water $\delta^2\text{H}$ and $\delta^{18}\text{O}$ Measurements by H_2O (liquid) $\hat{=}$ H_2O (vapor) Equilibration Laser Spectroscopy. <i>Environmental Science & Technology</i> , 2008, 42, 9262-9267.	4.6	185
143	An Introduction to Light Stable Isotopes for Use in Terrestrial Animal Migration Studies. <i>Journal of Nano Education (Print)</i> , 2008, 2, 21-44.	0.3	40
144	Stable carbon and hydrogen isotopes from bat guano in the Grand Canyon, USA, reveal Younger Dryas and 8.2 ka events. <i>Geology</i> , 2008, 36, 683.	2.0	56

#	ARTICLE	IF	CITATIONS
145	High-Precision Laser Spectroscopy D/H and $^{18}\text{O}/^{16}\text{O}$ Measurements of Microliter Natural Water Samples. <i>Analytical Chemistry</i> , 2008, 80, 287-293.	3.2	364
146	Diurnal variations in the photosynthesis-respiration activity of a cyanobacterial bloom in a freshwater dam reservoir: an isotopic study. <i>Isotopes in Environmental and Health Studies</i> , 2008, 44, 163-175.	0.5	7
147	Community-Level Assessment of the Effects of the Broad-Spectrum Antimicrobial Chlorhexidine on the Outcome of River Microbial Biofilm Development. <i>Applied and Environmental Microbiology</i> , 2008, 74, 3541-3550.	1.4	39
148	AQUATIC METABOLISM AND ECOSYSTEM HEALTH ASSESSMENT USING DISSOLVED O_2 STABLE ISOTOPE DIEL CURVES. <i>Ecological Applications</i> , 2008, 18, 965-982.	1.8	46
149	Future Directions and Challenges for Using Stable Isotopes in Advancing Terrestrial Animal Migration Research. <i>Journal of Nano Education (Print)</i> , 2008, , 129-139.	0.3	7
150	ESTIMATING ORIGINS OF THREE SPECIES OF NEOTROPICAL MIGRANT SONGBIRDS AT A GULF COAST STOPOVER SITE: COMBINING STABLE ISOTOPE AND GIS TOOLS. <i>Condor</i> , 2007, 109, 256.	0.7	24
151	Isotope constraints on water, carbon, and heat fluxes from the northern Great Plains region of North America. <i>Global Biogeochemical Cycles</i> , 2007, 21, n/a-n/a.	1.9	33
152	A Transient Model of Vadose Zone Reaction Rates Using Oxygen Isotopes and Carbon Dioxide. <i>Vadose Zone Journal</i> , 2007, 6, 67-76.	1.3	14
153	Estimating Origins of Three Species of Neotropical Migrant Songbirds at a Gulf Coast Stopover Site: Combining Stable Isotope and Gis Tools. <i>Condor</i> , 2007, 109, 256-267.	0.7	25
154	Dynamics and Stable Isotope Composition of Gaseous and Dissolved Oxygen. <i>Ground Water</i> , 2007, 45, 447-460.	0.7	30
155	STRUCTURAL AND FUNCTIONAL RESPONSES OF RIVER BIOFILM COMMUNITIES TO THE NONSTEROIDAL ANTI-INFLAMMATORY DICLOFENAC. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 573.	2.2	48
156	Dynamics of dissolved oxygen isotopic ratios: a transient model to quantify primary production, community respiration, and air-water exchange in aquatic ecosystems. <i>Oecologia</i> , 2007, 153, 385-398.	0.9	80
157	Using Stable Hydrogen Isotope Analysis of Feathers to Delineate Origins of Harvested Sandhill Cranes in the Central Flyway of North America. <i>Waterbirds</i> , 2006, 29, 137-147.	0.2	37
158	Decadal Geochemical and Isotopic Trends for Nitrate in a Transboundary Aquifer and Implications for Agricultural Beneficial Management Practices. <i>Environmental Science & Technology</i> , 2006, 40, 4626-4632.	4.6	92
159	Stable hydrogen isotopes of bison bone collagen as a proxy for Holocene climate on the Northern Great Plains. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 239, 87-99.	1.0	39
160	Contrasting Pathways of Assimilation. <i>Journal of Environmental Quality</i> , 2006, 35, 1884-1893.	1.0	7
161	Identification of Summer Origins of Songbirds Migrating through Southern Canada in Autumn. <i>Avian Conservation and Ecology</i> , 2006, 1, .	0.3	35
162	Stable-hydrogen isotope heterogeneity in keratinous materials: mass spectrometry and migratory wildlife tissue subsampling strategies. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2505-2510.	0.7	100

#	ARTICLE	IF	CITATIONS
163	Geographic variation in the isotopic ($\delta^{15}\text{N}$, $\delta^{13}\text{C}$, $\delta^{34}\text{S}$, $\delta^{33}\text{S}$) composition of feathers and claws from lesser scaup and northern pintail: implications for studies of migratory connectivity. <i>Canadian Journal of Zoology</i> , 2006, 84, 1395-1401.	0.4	71
164	Holocene variation in the Antarctic coastal food web: linking $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ in snow petrel diet and marine sediments. <i>Marine Ecology - Progress Series</i> , 2006, 306, 31-40.	0.9	21
165	Stable isotope analyses of feathers help identify autumn stopover sites of three long-distance migrants in northeastern Africa. <i>Journal of Avian Biology</i> , 2005, 36, 235-241.	0.6	31
166	Global application of stable hydrogen and oxygen isotopes to wildlife forensics. <i>Oecologia</i> , 2005, 143, 337-348.	0.9	862
167	Stable isotope and band-encounter analyses delineate migratory patterns and catchment areas of white-throated sparrows at a migration monitoring station. <i>Oecologia</i> , 2005, 144, 541-549.	0.9	47
168	Stable isotopes in ecological studies. <i>Oecologia</i> , 2005, 144, 517-519.	0.9	43
169	Application of Multi-stable Isotope (^{13}C , ^{15}N , ^{34}S , ^{37}Cl) Assays to Assess Spatial Separation of Fish (Longnose Sucker <i>Catostomus catostomus</i>) in an Area Receiving Complex Effluents. <i>Water Quality Research Journal of Canada</i> , 2005, 40, 275-287.	1.2	19
170	STABLE ISOTOPES PROVIDE EVIDENCE FOR POOR NORTHERN PINTAIL PRODUCTION ON THE CANADIAN PRAIRIES. <i>Journal of Wildlife Management</i> , 2005, 69, 101-109.	0.7	20
171	Feather stable isotopes in western North American waterfowl: spatial patterns, underlying factors, and management applications. <i>Wildlife Society Bulletin</i> , 2005, 33, 92-102.	1.6	54
172	Selected papers of the 4th International Conference on "Applications of stable Isotope Techniques to Ecological Studies", April 19-23, 2004, Wellington, New Zealand. <i>Isotopes in Environmental and Health Studies</i> , 2005, 41, 1-2.	0.5	3
173	Effects of selected pharmaceuticals on riverine biofilm communities. <i>Canadian Journal of Microbiology</i> , 2005, 51, 655-669.	0.8	127
174	Origin and migration of dissolved organic carbon fractions in a clay-rich aquitard: ^{14}C and ^{13}C evidence. <i>Water Resources Research</i> , 2005, 41, .	1.7	28
175	Using Isotopic Variance to Detect Long-Distance Dispersal and Philopatry in Birds: An Example with Ovenbirds and American Redstarts. <i>Condor</i> , 2004, 106, 732-743.	0.7	71
176	Migratory Connectivity in Bicknell's Thrush: Locating Missing Populations With Hydrogen Isotopes. <i>Condor</i> , 2004, 106, 905-909.	0.7	29
177	MIGRATORY CONNECTIVITY IN BICKNELL'S THRUSH: LOCATING MISSING POPULATIONS WITH HYDROGEN ISOTOPES. <i>Condor</i> , 2004, 106, 905.	0.7	27
178	Effects of lipid extraction on stable carbon and nitrogen isotope analyses of fish tissues: potential consequences for food web studies. <i>Ecology of Freshwater Fish</i> , 2004, 13, 155-160.	0.7	236
179	Estimating endogenous nutrient allocations to reproduction in Redhead Ducks: a dual isotope approach using $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ measurements of female and egg tissues. <i>Functional Ecology</i> , 2004, 18, 737-745.	1.7	36
180	Using stable hydrogen and oxygen isotope measurements of feathers to infer geographical origins of migrating European birds. <i>Oecologia</i> , 2004, 141, 477-488.	0.9	190

#	ARTICLE	IF	CITATIONS
181	Chemical and carbon isotopic composition of dissolved organic carbon in a regional confined methanogenic aquifer. <i>Isotopes in Environmental and Health Studies</i> , 2004, 40, 103-114.	0.5	19
182	Transport and geochemical controls on the distribution of solutes and stable isotopes in a thick clay-rich till aquitard, Canada. <i>Isotopes in Environmental and Health Studies</i> , 2004, 40, 3-19.	0.5	25
183	USING ISOTOPIC VARIANCE TO DETECT LONG-DISTANCE DISPERSAL AND PHILOPATRY IN BIRDS: AN EXAMPLE WITH OVENBIRDS AND AMERICAN REDSTARTS. <i>Condor</i> , 2004, 106, 732.	0.7	66
184	On-Line Technique for the Determination of the $\delta^{37}\text{Cl}$ of Inorganic and Total Organic Cl in Environmental Samples. <i>Analytical Chemistry</i> , 2004, 76, 6384-6388.	3.2	33
185	Characterizing the hydrogeology of a complex clay-rich aquitard system using detailed vertical profiles of the stable isotopes of water. <i>Journal of Hydrology</i> , 2004, 293, 47-56.	2.3	50
186	DO NORTH AMERICAN MONARCH BUTTERFLIES TRAVEL TO CUBA? STABLE ISOTOPE AND CHEMICAL TRACER TECHNIQUES. , 2004, 14, 1106-1114.		44
187	Stable isotopes as indicators of altitudinal distributions and movements in an Ecuadorean hummingbird community. <i>Oecologia</i> , 2003, 136, 302-308.	0.9	149
188	Geochemical and transport properties of dissolved organic carbon in a clay-rich aquitard. <i>Water Resources Research</i> , 2003, 39, .	1.7	40
189	Characterizing Geochemical Reactions in Unsaturated Mine Waste-Rock Piles Using Gaseous O_2 , CO_2 , $^{12}\text{CO}_2$, and $^{13}\text{CO}_2$. <i>Environmental Science & Technology</i> , 2003, 37, 496-501.	4.6	25
190	Microbial Respiration and Diffusive Transport of O_2 , $^{16}\text{O}_2$, and $^{18}\text{O}_2$ in Unsaturated Soils and Geologic Sediments. <i>Environmental Science & Technology</i> , 2003, 37, 2913-2919.	4.6	26
191	Comparative equilibration and online technique for determination of non-exchangeable hydrogen of keratins for use in animal migration studies. <i>Isotopes in Environmental and Health Studies</i> , 2003, 39, 211-217.	0.5	566
192	Selected Papers of the 3rd International Conference on Applications of Stable Isotope Techniques to Ecological Studies. <i>Isotopes in Environmental and Health Studies</i> , 2003, 39, 1-3.	0.5	36
193	Microbial respiration and diffusive transport of O_2 , $^{16}\text{O}_2$, and $^{18}\text{O}_2$ in unsaturated soils: a mesocosm experiment. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 3367-3374.	1.6	25
194	Stable Nitrogen Isotopes in Waterfowl Feathers Reflect Agricultural Land Use in Western Canada. <i>Environmental Science & Technology</i> , 2001, 35, 3482-3487.	4.6	101
195	A Stable-Isotope Approach to Delineate Geographical Catchment Areas of Avian Migration Monitoring Stations in North America. <i>Environmental Science & Technology</i> , 2001, 35, 1845-1850.	4.6	104
196	Linking Breeding and Wintering Grounds of Bicknell's Thrushes Using Stable Isotope Analyses of Feathers. <i>Auk</i> , 2001, 118, 16-23.	0.7	66
197	ISOTOPIC DELINEATION OF NORTH AMERICAN MIGRATORY WILDLIFE POPULATIONS: LOGGERHEAD SHRIKES. , 2001, 11, 1545-1553.		54
198	A stable carbon and nitrogen isotope study of lake food webs in Canada's Boreal Plain. <i>Freshwater Biology</i> , 2001, 46, 465-477.	1.2	63

#	ARTICLE	IF	CITATIONS
199	Stable Isotopes ($\delta^{18}\text{O}$, $\delta^2\text{H}$) of Pore Waters in Clay-Rich Aquitards: A Comparison and Evaluation of Measurement Techniques. <i>Ground Water Monitoring and Remediation</i> , 2001, 21, 108-116.	0.6	32
200	Mechanisms Controlling the Distribution and Transport of ^{14}C in a Clay-Rich Till Aquitard. <i>Ground Water</i> , 2000, 38, 343-349.	0.7	32
201	Distribution and biogeochemical importance of bacterial populations in a thick clay-rich aquitard system. <i>Microbial Ecology</i> , 2000, 40, 273-291.	1.4	31
202	STABLE-CARBON AND HYDROGEN ISOTOPE RATIOS REVEAL BREEDING ORIGINS OF RED-WINGED BLACKBIRDS. , 2000, 10, 911-916.		123
203	Bacteriogenic Ethane in Near-Surface Aquifers: Implications for Leaking Hydrocarbon Well Bores. <i>Environmental Science & Technology</i> , 2000, 34, 4727-4732.	4.6	76
204	Improved Method for Determining the Stable-Hydrogen Isotopic Composition ($\delta^2\text{H}$) of Complex Organic Materials of Environmental Interest. <i>Environmental Science & Technology</i> , 2000, 34, 2354-2360.	4.6	183
205	An Automated Technique for Measuring $\delta^2\text{H}$ and $\delta^{18}\text{O}$ Values of Porewater by Direct CO_2 and H_2 Equilibration. <i>Analytical Chemistry</i> , 2000, 72, 5659-5664.	3.2	40
206	Controls on the distribution of major ions in pore waters of a thick surficial aquitard. <i>Water Resources Research</i> , 2000, 36, 503-513.	1.7	78
207	Chloride and chlorine isotopes (^{36}Cl and ^{37}Cl) as tracers of solute migration in a thick, clay-rich aquitard system. <i>Water Resources Research</i> , 2000, 36, 285-296.	1.7	108
208	Influence of drinking water and diet on the stable-hydrogen isotope ratios of animal tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 8003-8006.	3.3	236
209	Improved Piezometer Construction and Sampling Techniques to Determine Pore Water Chemistry in Aquitards. <i>Ground Water</i> , 1999, 37, 564-571.	0.7	29
210	Stable isotope ecology: an introduction. <i>Oecologia</i> , 1999, 120, 312-313.	0.9	84
211	Individual specialization and trophic adaptability of northern pike (<i>Esox lucius</i>): an isotope and dietary analysis. <i>Oecologia</i> , 1999, 120, 386-396.	0.9	175
212	Stable isotopes ($\delta^2\text{H}$ and $\delta^{13}\text{C}$) are geographic indicators of natal origins of monarch butterflies in eastern North America. <i>Oecologia</i> , 1999, 120, 397-404.	0.9	204
213	An On-Line Technique for the Determination of the $\delta^{18}\text{O}$ and $\delta^{17}\text{O}$ of Gaseous and Dissolved Oxygen. <i>Analytical Chemistry</i> , 1999, 71, 4965-4968.	3.2	75
214	Implications of the distribution of $\delta^2\text{H}$ in pore waters for groundwater flow and the timing of geologic events in a thick aquitard system. <i>Water Resources Research</i> , 1999, 35, 1751-1760.	1.7	115
215	Carbon Cycling in Terrestrial Environments. , 1998, , 577-610.		12
216	Natal origins of migratory monarch butterflies at wintering colonies in Mexico: New isotopic evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 15436-15439.	3.3	287

#	ARTICLE	IF	CITATIONS
217	Linking breeding and wintering grounds of neotropical migrant songbirds using stable hydrogen isotopic analysis of feathers. <i>Oecologia</i> , 1997, 109, 142-148.	0.9	492
218	Origin and structures of groundwater humic substances from three Danish aquifers. <i>Environment International</i> , 1996, 22, 519-534.	4.8	50
219	The Radial Diffusion Method: 1. Using intact cores to determine isotopic composition, chemistry, and effective porosities for groundwater in aquitards. <i>Water Resources Research</i> , 1996, 32, 1815-1822.	1.7	71
220	Evaluation of the origin and fate of nitrate in the Abbotsford Aquifer using the isotopes of ^{15}N and ^{18}O in NO_3^- . <i>Applied Geochemistry</i> , 1995, 10, 391-405.	1.4	392
221	Distribution and isotopic characterization of methane in a confined aquifer in southern Ontario, Canada. <i>Journal of Hydrology</i> , 1995, 173, 51-70.	2.3	40
222	Estimating ^{14}C Groundwater Ages in a Methanogenic Aquifer. <i>Water Resources Research</i> , 1995, 31, 2307-2317.	1.7	103
223	Dissolved organic carbon and methane in a regional confined aquifer, southern Ontario, Canada: Carbon isotope evidence for associated subsurface sources. <i>Applied Geochemistry</i> , 1993, 8, 483-493.	1.4	104
224	Radiocarbon and stable isotopes in water and dissolved constituents, Milk River aquifer, Alberta, Canada. <i>Applied Geochemistry</i> , 1991, 6, 381-392.	1.4	35
225	Radiocarbon in Dissolved Organic Carbon, A Possible Groundwater Dating Method: Case Studies From Western Canada. <i>Water Resources Research</i> , 1991, 27, 1975-1986.	1.7	52
226	Controls on the transport and carbon isotopic composition of dissolved organic carbon in a shallow groundwater system, Central Ontario, Canada. <i>Chemical Geology: Isotope Geoscience Section</i> , 1991, 87, 39-57.	0.7	18
227	Isotopic composition (^{13}C , ^{14}C , ^2H) and geochemistry of aquatic humic substances from groundwater. <i>Organic Geochemistry</i> , 1990, 15, 383-396.	0.9	56
228	Organic carbon isotope geochemistry of clayey deposits and their associated porewaters, southern Alberta. <i>Journal of Hydrology</i> , 1990, 120, 251-270.	2.3	19
229	The Geochemistry and Evolution of Natural Organic Solutes in Groundwater. <i>Radiocarbon</i> , 1989, 31, 865-876.	0.8	18
230	Isotopic and elemental geochemistry of marine invertebrates from the Late Quaternary Fort Langley Formation and Capilano Sediments, southwestern British Columbia, Canada. <i>Chemical Geology: Isotope Geoscience Section</i> , 1988, 73, 221-231.	0.7	4
231	Variation in shell chemistry of terrestrial gastropods (<i>Cerion incanum</i> , <i>Cerion uva</i> , and <i>Tudora</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 101	0.4	6
232	Linking Breeding and Wintering Grounds of Bicknell's Thrushes Using Stable Isotope Analyses of Feathers. , 0, .		58