

# Stable isotopes in precipitation

Tellus

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Citation Report

#	ARTICLE	IF	CITATIONS
5	Deuterium and oxygen-18 in precipitation and other natural waters Some theoretical considerations. Tellus, 1965, 17, 498-512.	0.4	60
6	The origin of saline formation waters: 1. Isotopic composition. Journal of Geophysical Research, 1966, 71, 3869-3882.	3.3	420
7	Deep-sea sediments and their geological record. Earth-Science Reviews, 1966, 1, 105-132.	4.0	21
8	A Physical Study of Solid Precipitation from Convective Clouds over the Sea: Part I. Journal of the Meteorological Society of Japan, 1966, 44, 178-184.	0.7	12
9	Hydrogen and oxygen isotope ratios in the waters of the Ngawha hydrothermal area, North Auckland. Bulletin of Volcanology, 1966, 29, 691-707.	1.1	5
10	Some remarks on simultaneous measurements of particulate contaminants including radioactivity and isotopic composition of precipitation. Tellus, 1966, 18, 773-785.	0.4	18
11	Du probl�me de la masse volumique de l'eau. Metrologia, 1967, 3, 58-63.	0.6	7
12	Oxygen Isotope Analyses and Pleistocene Temperatures Re-assessed. Nature, 1967, 215, 15-17.	13.7	665
13	Hurricane tritium II: Air-sea exchange of water in Betsy 1965. Tellus, 1968, 20, 577-594.	0.4	12
14	The altitude effect on the isotopic composition of precipitation and glacier ice in the Alps. Tellus, 1968, 20, 595-600.	0.4	41
15	The Use of Oxygen 18 and Deuterium Concentrations in the Water Balance of Lakes. Water Resources Research, 1968, 4, 1289-1306.	1.7	145
16	Oxygen-18 Content of Atmospheric Precipitation during Last 11,000 Years in the Great Lakes Region. Science, 1968, 162, 994-997.	6.0	55
17	Determination of the Rate of Snow Accumulation at the Pole of Relative Inaccessibility, Eastern Antarctica: A Comparison of Glaciological and Isotopic Methods. Journal of Glaciology, 1968, 7, 273-287.	1.1	29
18	TRACERS FOR GROUND WATER INVESTIGATIONS. , 1968, , 123-152.		5
19	The altitude effect on the isotopic composition of precipitation and glacier ice in the Alps. Tellus, 2022, 20, 595.	0.4	75
20	On the deuterium-salinity relationship in the Baltic Sea. Tellus, 1969, 21, 429-435.	0.4	6
21	Glacier Oxygen-18 Content and Pleistocene Ocean Temperatures. Science, 1969, 166, 499-502.	6.0	216
22	One Thousand Centuries of Climatic Record from Camp Century on the Greenland Ice Sheet. Science, 1969, 166, 377-380.	6.0	407

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23	On the deuterium-salinity relationship in the Baltic Sea. <i>Tellus</i> , 1969, 21, 429-435.	0.4	16
24	Variation in the mean deuterium content of precipitations in Antarctica. <i>Journal of Geophysical Research</i> , 1969, 74, 7027-7031.	3.3	45
25	A Flow Model and a Time Scale for the Ice Core from Camp Century, Greenland. <i>Journal of Glaciology</i> , 1969, 8, 215-223.	1.1	293
26	Continental Climatic Variations between 130,000 and 90,000 Years BP. <i>Nature</i> , 1970, 226, 631-633.	13.7	55
27	Climatic Oscillations 1200â€“2000 AD. <i>Nature</i> , 1970, 227, 482-483.	13.7	75
28	Snowmelt runoff from measurements of tritium and oxygenâ€“18. <i>Water Resources Research</i> , 1970, 6, 110-124.	1.7	238
29	Carbon-13 and Oxygen-18 in Dinosaur, Crocodile, and Bird Eggshells Indicate Environmental Conditions. <i>Science</i> , 1970, 168, 1353-1355.	6.0	45
30	Deuterium Content of Snow Cores from Sierra Nevada Area. <i>Science</i> , 1970, 169, 467-470.	6.0	69
31	Oxygen and hydrogen isotope ratios of monthly collected waters from Nasudake Volcanic Area, Japan. <i>Journal of Geophysical Research</i> , 1970, 75, 5941-5951.	3.3	23
32	Geohydrologic interpretations of a volcanic island from environmental isotopes. <i>Water Resources Research</i> , 1970, 6, 99-109.	1.7	39
33	Comments on the Stable Isotope Method in Regional Groundwater Investigations. <i>Water Resources Research</i> , 1971, 7, 980-993.	1.7	208
34	Past Wind Strength from Isotope Studies. <i>Nature</i> , 1971, 234, 344-345.	13.7	20
35	La Mesure des Variations Climatiques Continentales Application Ã la PÃ©riode Comprise entre 130.000 et 90.000 Ans B. P.. <i>Quaternary Research</i> , 1971, 1, 162-174.	1.0	17
36	The Last Interglacial: Paleotemperatures and Chronology. <i>Science</i> , 1971, 171, 571-573.	6.0	56
37	Deuterium Content of Peat as a Paleoclimatic Recorder. <i>Science</i> , 1972, 175, 512-513.	6.0	47
38	NATURAL ISOTOPES IN THE GROUNDWATER OF THE TULÃŠM VALLEY, SAN JUAN, ARGENTINA. <i>Hydrological Sciences Bulletin Des Sciences Hydrologiques</i> , 1972, 17, 85-96.	0.2	9
41	Oxygen Isotope Profiles through the Antarctic and Greenland Ice Sheets. <i>Nature</i> , 1972, 235, 429-434.	13.7	561
42	Oxygen Isotope Evidence for Bottom Freezing on the Amery Ice Shelf. <i>Nature</i> , 1972, 238, 393-394.	13.7	125

#	ARTICLE	IF	CITATIONS
43	Concerning the Different Tables of the Thermal Expansion of Water between 0 and 40 Å°C. Metrologia, 1973, 9, 62-68.	0.6	19
44	Climate, vegetation and forest limits in early civilized times. Philosophical Transactions of the Royal Society A, 1974, 276, 195-230.	1.3	11
45	The Brunhes Epoch: Isotopic Paleotemperatures and Geochronology. Science, 1974, 183, 511-514.	6.0	181
46	Continental Pleistocene Climatic Variations from Speleothem Age and Isotopic Data. Science, 1974, 184, 893-895.	6.0	53
47	The contribution of land photosynthesis to the stationary enrichment of <sup>18</sup> O in the atmosphere. Radiation and Environmental Biophysics, 1974, 11, 219-225.	0.6	31
48	Apports du traÅsage isotopique naturel a la connaissance du fonctionnement d'un systeme karstique - teneurs en oxygene-18 de trois systemes des Pyrenees, France. Journal of Hydrology, 1974, 23, 141-158.	2.3	52
49	D/H and O <sup>18</sup> /O <sup>16</sup> studies of serpentinization of ultramafic rocks. Geochimica Et Cosmochimica Acta, 1974, 38, 1255-1286.	1.6	106
50	Temperature Dependence of Isotope Ratios in Tree Rings. Proceedings of the National Academy of Sciences of the United States of America, 1974, 71, 2482-2486.	3.3	60
51	Stable isotope fractionation due to evaporation and isotopic exchange of falling waterdrops: Applications to atmospheric processes and evaporation of lakes. Journal of Geophysical Research, 1975, 80, 1133-1146.	3.3	422
52	Stable carbon and oxygen isotope ratios of groundwaters from the Chalk and Lincolnshire Limestone. Nature, 1975, 257, 783-784.	13.7	16
53	A Chemical Study of Snow Formation in the Winter-monsoon Season: The Contribution of Aerosols and Water Vapor from the Continent. Journal of the Meteorological Society of Japan, 1975, 53, 203-213.	0.7	21
54	Late-Quaternary Climatic Trends and History of Lake Erie from Stable Isotope Studies. Science, 1975, 190, 267-269.	6.0	129
55	The Origin and Evolution of Some Mineral Water Sources Estimated from Their Deuterium Content. Isotopes in Environmental and Health Studies, 1975, 11, 297-301.	0.3	1
56	Environmental isotopic study of the Barremian-Jurassic aquifer in South Dobrogea (Roumania). Journal of Hydrology, 1975, 26, 185-198.	2.3	8
57	Isotopic composition of groundwater in semi-arid regions of southern Africa. Journal of Hydrology, 1975, 25, 23-36.	2.3	55
58	Climatic Change: Are We on the Brink of a Pronounced Global Warming?. Science, 1975, 189, 460-463.	6.0	290
59	The age of groundwater in the chalk of the London Basin. Water Resources Research, 1976, 12, 392-404.	1.7	60
60	Isotopic hydrology in the Amazonia: 2. Relative discharges of the Negro and SolimÃs rivers through <sup>18</sup> O concentrations. Water Resources Research, 1976, 12, 781-785.	1.7	24

#	ARTICLE	IF	CITATIONS
61	OXYGEN AND CARBON ISOTOPES IN ORE DEPOSITS IN SEDIMENTARY ROCKS. , 1976, , 191-217.		5
62	Climatic information from 18O/16O ratios of cellulose in tree rings. Nature, 1976, 262, 481-482.	13.7	119
64	Identification of the origin of oreforming solutions by the use of stable isotopes. Geological Society Special Publication, 1977, 7, 25-41.	0.8	40
65	The north water project (Canadianâ€Greenland arctic). Polar Geography, 1977, 1, 75-85.	0.0	9
66	The Enigma of Changing World Climates. Southern African Geographical Journal, 1977, 59, 77-116.	0.9	10
67	The Cornubian batholith, SW England: D/H and <sup>18</sup> O/ <sup>16</sup> O studies of kaolinite and other alteration minerals. Journal of the Geological Society, 1977, 133, 573-591.	0.9	118
68	The age of groundwater in the Lincolnshire Limestone, England and its relevance to the flow mechanism. Journal of Hydrology, 1977, 33, 201-216.	2.3	39
69	Isotopic composition of cattle pancreatic stones: Biological and geochemical implications. Experientia, 1977, 33, 1419-1420.	1.2	2
70	Climate periods in tree, ice and tides. Nature, 1977, 266, 415-417.	13.7	24
71	Isotope tree thermometers (reply). Nature, 1977, 266, 478-478.	13.7	2
72	An oxygen-isotope climatic record from the Devon Island ice cap, arctic Canada. Nature, 1977, 266, 508-511.	13.7	209
73	Isotopic evidence for dramatic climatic changes in East Africa during the Pleistocene. Nature, 1977, 267, 137-138.	13.7	96
74	Stable isotope studies of metasomatic Ca-Fe-Al-Si skarns and associated metamorphic and igneous rocks, Osgood Mountains, Nevada. Contributions To Mineralogy and Petrology, 1977, 63, 1-49.	1.2	141
76	Isotopic Structures in Solar System Materials. Annual Review of Astronomy and Astrophysics, 1978, 16, 293-334.	8.1	69
77	STABLE CARBON AND OXYGEN ISOTOPE RATIOS OF MALACHITE FROM THE PATINAS OF ANCIENT BRONZE OBJECTS. Archaeometry, 1978, 20, 123-133.	0.6	6
78	Geothermal exploration in the azores: 18O/16O in calcites from volcanic rocks. Journal of Volcanology and Geothermal Research, 1978, 4, 219-223.	0.8	1
79	D/H fractionation factors between serpentine and water at 100Â° to 500Â°C and 2000 bar water pressure, and the D/H ratios of natural serpentines. Earth and Planetary Science Letters, 1978, 40, 231-242.	1.8	60
80	Geochemical studies on the thermal brine from Reykjanes (Iceland). Chemical Geology, 1978, 21, 219-237.	1.4	51

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81	Dating of Greenland Ice Cores by Flow Models, Isotopes, Volcanic Debris, and Continental Dust. <i>Journal of Glaciology</i> , 1978, 20, 3-26.	1.1	277
83	Paleobiological and isotopic studies of eggshells from a declining dinosaur species. <i>Paleobiology</i> , 1979, 5, 380-414.	1.3	114
84	Sulfur chemistry and microbiological fractionation of sulfur isotopes in a saline Antarctic lake. <i>Geomicrobiology Journal</i> , 1979, 1, 329-340.	1.0	53
85	Climatic Ice Core Records from the Tropical Quelccaya Ice Cap. <i>Science</i> , 1979, 203, 1240-1243.	6.0	76
86	Determination of the initial <sup>14</sup> C activity of the total dissolved carbon: A review of the existing models and a new approach. <i>Water Resources Research</i> , 1979, 15, 399-413.	1.7	439
87	Lectures in Isotope Geology. , 1979, , .		68
88	Isotope and ion geochemistry of groundwaters in the Milk River Aquifer, Alberta. <i>Water Resources Research</i> , 1979, 15, 259-268.	1.7	45
89	Recycling of water in the Amazon Basin: An isotopic study. <i>Water Resources Research</i> , 1979, 15, 1250-1258.	1.7	568
90	Correlation of <sup>18</sup> O in precipitation with temperature and altitude. <i>Nature</i> , 1980, 285, 314-317.	13.7	371
91	A palaeotemperature record for the mid-Wisconsin in Vancouver Island. <i>Nature</i> , 1980, 285, 474-476.	13.7	49
92	Isotopic and trace element evidence for submarine lithification of hardgrounds in the Jurassic of eastern England. <i>Sedimentology</i> , 1980, 27, 271-289.	1.6	87
93	Glaciological Investigations of the Tropical Quelccaya Ice Cap, Peru. <i>Journal of Glaciology</i> , 1980, 25, 69-84.	1.1	9
94	Glaciological Investigations of the Tropical Quelccaya Ice Cap, Peru. <i>Journal of Glaciology</i> , 1980, 25, 69-84.	1.1	43
96	THE ISOTOPES OF HYDROGEN AND OXYGEN IN PRECIPITATION. , 1980, , 21-47.		145
97	ENVIRONMENTAL ISOTOPES IN GROUNDWATER HYDROLOGY. , 1980, , 75-140.		83
98	ENVIRONMENTAL ISOTOPES IN ICE AND SNOW. , 1980, , 141-178.		21
99	ENVIRONMENTAL ISOTOPES AS ENVIRONMENTAL AND CLIMATOLOGICAL INDICATORS. , 1980, , 473-504.		9
100	Hydrogen and carbon isotopic composition of coals and kerogens. <i>Physics and Chemistry of the Earth</i> , 1980, 12, 711-723.	0.3	42

#	ARTICLE	IF	CITATIONS
101	Geochemical evidence for water-rock interaction along the San Andreas and Garlock Faults of California. <i>Journal of Geophysical Research</i> , 1980, 85, 6286-6292.	3.3	74
103	The Altitude Effect on the Isotopic Composition of Snow in High Mountains. <i>Journal of Glaciology</i> , 1981, 27, 99-111.	1.1	4
104	The Altitude Effect on the Isotopic Composition of Snow in High Mountains. <i>Journal of Glaciology</i> , 1981, 27, 99-111.	1.1	59
105	Large Salt Beds on the Surface of the Ross Ice Shelf Near Black Island, Antarctica. <i>Journal of Glaciology</i> , 1981, 27, 11-18.	1.1	10
106	Solar activity, volcanic dust and temperature: Statistical relationships since 1160 A. D.. <i>Archives for Meteorology, Geophysics and Bioclimatology, Series A</i> , 1981, 30, 1-22.	0.4	11
107	Pollen and Oxygen Isotope Analyses on Late- and Post-Glacial Sediments of the Tourbière de Chirens (Dauphiné, France). <i>Quaternary Research</i> , 1981, 15, 160-170.	1.0	73
108	Oxygen Isotope Ratios in Trees Reflect Mean Annual Temperature and Humidity. <i>Science</i> , 1981, 211, 1417-1419.	6.0	225
109	Dating Groundwater. <i>ACS Symposium Series</i> , 1982, , 187-222.	0.5	22
110	Factors controlling stable isotope composition of European precipitation. <i>Tellus</i> , 2022, 34, 142.	0.4	142
111	Melting and Refreezing at the Glacier Sole and the Isotopic Composition of the Ice. <i>Journal of Glaciology</i> , 1982, 28, 35-42.	1.1	28
112	The origin of continental shelf and slope water in the New York Bight and Gulf of Maine: Evidence from $\delta^{18}\text{O}/\delta^2\text{H}$ ratio measurements. <i>Journal of Geophysical Research</i> , 1982, 87, 5796-5808.	3.3	140
113	A model for the relationships between precipitation D/H ratios and precipitation intensity. <i>Journal of Geophysical Research</i> , 1982, 87, 9614-9620.	3.3	65
114	A pollen analytical investigation supported by an $^{18}\text{O}$ -record of a late glacial lake deposit at Grånge (Denmark). <i>Review of Palaeobotany and Palynology</i> , 1982, 36, 205-230.	0.8	32
115	Isotopic identification of gases of a deep origin in French thermomineral waters. <i>Journal of Hydrology</i> , 1982, 56, 1-21.	2.3	26
116	The effect of dispersion on the establishment of a paleoclimatic record from groundwater. <i>Journal of Hydrology</i> , 1982, 58, 131-147.	2.3	20
117	Stable-isotope geohydrology of the Lower Maner Basin, Andhra Pradesh, India. <i>Journal of Hydrology</i> , 1982, 59, 315-330.	2.3	11
118	Factors controlling stable isotope composition of European precipitation. <i>Tellus</i> , 1982, 34, 142-150.	0.4	182
119	Oxygen isotope ratios of the Icelandic crust. <i>Journal of Geophysical Research</i> , 1982, 87, 6559-6565.	3.3	120

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120	Melting and Refreezing at the Glacier Sole and the Isotopic Composition of the Ice. <i>Journal of Glaciology</i> , 1982, 28, 35-42.	1.1	206
121	Oxygen-Isotope and Total Beta-Radioactivity Measurements on 10 m Ice Cores from the Antarctic Peninsula. <i>Journal of Glaciology</i> , 1982, 28, 43-55.	1.1	44
122	Tree Thermometers and Commodities: Historic Climate Indicators. <i>ACS Symposium Series</i> , 1982, , 245-301.	0.5	0
123	Oxygen-Isotope and Total Beta-Radioactivity Measurements on 10 m Ice Cores from the Antarctic Peninsula. <i>Journal of Glaciology</i> , 1982, 28, 43-55.	1.1	27
124	Tracing Fluid Sources in the East Shore Area, Utah. <i>Ground Water</i> , 1982, 20, 586-593.	0.7	7
125	ISOTOPES IN GROUND-WATER INVESTIGATIONS. <i>Ground Water</i> , 1982, 20, 740-745.	0.7	20
126	Isotope signatures associated with early meteoric diagenesis. <i>Sedimentology</i> , 1982, 29, 797-817.	1.6	655
127	Acid snow in the Canadian high Arctic. <i>Nature</i> , 1982, 295, 137-140.	13.7	86
128	Glacial to interglacial contrasts in the northern Indian Ocean. <i>Nature</i> , 1982, 295, 494-498.	13.7	364
129	Storm trajectories in eastern US D/H isotopic composition of precipitation. <i>Nature</i> , 1982, 296, 638-640.	13.7	86
130	Climatic significance of the hydrogen isotope ratios in tree cellulose. <i>Nature</i> , 1982, 297, 636-639.	13.7	126
131	Isotope evidence for Pleistocene climatic changes in Kashmir, India. <i>Nature</i> , 1982, 298, 640-641.	13.7	77
132	Deuterium excess in an East Antarctic ice core suggests higher relative humidity at the oceanic surface during the last glacial maximum. <i>Nature</i> , 1982, 299, 688-691.	13.7	212
133	A stable isotope study of the Mercia Mudstones (Keuper Marl) and associated sulphate horizons in the English Midlands. <i>Sedimentology</i> , 1983, 30, 11-31.	1.6	41
134	Latitudinal displacement from main moisture source controls $\delta^{18}O$ of snow in coastal Antarctica. <i>Nature</i> , 1983, 301, 145-147.	13.7	68
135	D/H ratios of coals and the palaeolatitude of their deposition. <i>Nature</i> , 1983, 302, 322-323.	13.7	26
136	Climatology: New light on climate from old isotope ratios. <i>Nature</i> , 1983, 303, 753-754.	13.7	4
137	Geochemical evidence of a massive slide in the southern Norwegian Sea. <i>Nature</i> , 1983, 305, 420-422.	13.7	19



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138	Salinity tolerance of marine organisms deduced from Red Sea Quaternary record. <i>Marine Geology</i> , 1983, 53, M17-M22.	0.9	34
139	Stable isotope abundances in calcretes. <i>Geological Society Special Publication</i> , 1983, 11, 221-233.	0.8	32
141	Climatic information over the last century deduced from a detailed isotopic record in the south pole snow. <i>Journal of Geophysical Research</i> , 1983, 88, 2693-2703.	3.3	137
142	An integrated approach to hydrogeologic investigations – A case history. <i>Journal of Hydrology</i> , 1983, 63, 211-232.	2.3	22
143	Isotopic character and origin of brine leaks in the Avery Island salt mine, south Louisiana, U.S.A.. <i>Journal of Hydrology</i> , 1983, 66, 343-350.	2.3	7
144	Geochemistry of Early Permian cold-water carbonates (Tasmania, Australia). <i>Chemical Geology</i> , 1983, 38, 307-319.	1.4	5
145	The relation between the $^{18}\text{O}$ and deuterium contents of rain water in the Negev Desert and air-mass trajectories. <i>Chemical Geology</i> , 1983, 41, 205-218.	1.4	13
146	Isotopic Composition of Cellulose from C3, C4, and CAM Plants Growing Near One Another. <i>Science</i> , 1983, 220, 947-949.	6.0	105
147	Genesis of bentonites from Cabo de Gata, Almeria, Spain: a stable isotope study. <i>Clay Minerals</i> , 1983, 18, 227-238.	0.2	27
148	Reconstructing Pleistocene Climatic Change from the Oxygen Isotope Composition of Sediments: A Review. <i>Annals of Glaciology</i> , 1984, 5, 43-46.	2.8	0
149	Reconstructing Pleistocene Climatic Change from the Oxygen Isotope Composition of Sediments: A Review. <i>Annals of Glaciology</i> , 1984, 5, 43-46.	2.8	2
150	Simulation of Desert Dust Cycles in an Atmospheric General Circulation Model (Abstract). <i>Annals of Glaciology</i> , 1984, 5, 208-210.	2.8	9
151	Isotopic and related studies of Antarctic ice samples. <i>Journal of Earth System Science</i> , 1984, 93, 135-140.	0.6	1
152	Stable isotopes of fissure-filling calcite from Finnsjöån, Uppland, Sweden. <i>Lithos</i> , 1984, 17, 117-125.	0.6	22
153	Isotopic Evidence for Glacial Meltwater Recharge to the Cambrian-Ordovician Aquifer, North-Central United States. <i>Quaternary Research</i> , 1984, 22, 328-335.	1.0	68
154	Oxygen-Isotope Analyses and Pleistocene Ice Volumes. <i>Quaternary Research</i> , 1984, 21, 1-20.	1.0	159
155	A general circulation model of water isotope cycles in the atmosphere. <i>Nature</i> , 1984, 311, 24-29.	13.7	345
156	Growing season precipitation from D/H ratios of Eastern White Pine. <i>Nature</i> , 1984, 311, 558-560.	13.7	50

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157	Oxygen-isotope systematics of a strongly recrystallized granitic rock complex, Grenvillian Belt, SW Sweden. Contributions To Mineralogy and Petrology, 1984, 85, 67-73.	1.2	7
158	Deuterium and oxygen 18 in precipitation: Modeling of the isotopic effects during snow formation. Journal of Geophysical Research, 1984, 89, 11749-11757.	3.3	669
159	Isotopic Composition of Groundwaters from Kufra (Libya) as Indicator for Groundwater Formation. Isotopes in Environmental and Health Studies, 1984, 20, 64-68.	0.3	1
160	Hydrogeochemistry of continental brackish waters in the southern Coastal Plain, Israel. Chemical Geology, 1984, 42, 159-176.	1.4	16
161	The stable isotopic composition of modern soil carbonate and its relationship to climate. Earth and Planetary Science Letters, 1984, 71, 229-240.	1.8	1,225
162	Elemental and stable isotope variations of organic matter from a terrestrial sequence containing the Cretaceous/Tertiary boundary at York Canyon, New Mexico. Earth and Planetary Science Letters, 1984, 68, 392-398.	1.8	42
163	Climatic implications of the natural variations of D/H ratios in tree ring cellulose. Earth and Planetary Science Letters, 1984, 70, 129-138.	1.8	60
164	Arctic Ocean water mass balance from isotope data. Journal of Geophysical Research, 1984, 89, 6373-6381.	3.3	265
165	A model of oxygen isotope composition of precipitation: Implications for paleoclimate data. Journal of Geophysical Research, 1984, 89, 4647-4655.	3.3	24
166	Groundwater contamination from an inactive uranium mill tailings pile: 1. Application of a chemical mixing model. Water Resources Research, 1984, 20, 1743-1752.	1.7	23
167	North Atlantic climatic oscillations revealed by deep Greenland ice cores. Geophysical Monograph Series, 1984, , 288-298.	0.1	215
168	Hydrogen isotope (T, D) study of hot-spring waters from Nasu, Tochigi Prefecture.. Geochemical Journal, 1985, 19, 289-299.	0.5	3
170	Stratigraphic Noise in Time Series Derived from Ice Cores. Annals of Glaciology, 1985, 7, 76-83.	2.8	158
171	Hydrometeorological Interpretation of Isotopic Data On Atmospheric Moisture and Precipitation. Annals of Glaciology, 1985, 7, 181-184.	2.8	13
172	Origin of low-18O metamorphic rocks from a Late Proterozoic shear zone in the Eastern Desert of Egypt. Contributions To Mineralogy and Petrology, 1985, 91, 188-195.	1.2	5
173	An oxygen isotope ? Climate record from the Law Dome, Antarctica. Climatic Change, 1985, 7, 415-426.	1.7	57
174	Tree ring D/H ratio from Kenya, East Africa and its palaeoclimatic significance. Nature, 1985, 317, 160-162.	13.7	40
175	The petrology and diagenesis of Middle Jurassic clastic sediments, Ravenscar Group, Yorkshire. Sedimentology, 1985, 32, 833-853.	1.6	28

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176	Stable isotope studies of cave seepage water. <i>Chemical Geology: Isotope Geoscience Section</i> , 1985, 58, 97-105.	0.7	130
177	Oxygen isotope ratios in modern African gastropod shells: A data base for paleoclimatology. <i>Chemical Geology: Isotope Geoscience Section</i> , 1985, 58, 183-193.	0.7	59
178	Deuterium and oxygen-18 in European groundwaters â€” Links to atmospheric circulation in the past. <i>Chemical Geology: Isotope Geoscience Section</i> , 1985, 52, 349-363.	0.7	114
179	On the isotopic composition of precipitation in tropical stations (*). <i>Acta Amazonica</i> , 1985, 15, 121-140.	0.3	22
180	Effects of Precipitation on the Isotopic Composition of Falling Snow Particles. <i>Annals of Glaciology</i> , 1985, 6, 261-262.	2.8	0
181	A Global Oxygen Isotope Model â€” Semi-Empirical, Zonally Averaged. <i>Annals of Glaciology</i> , 1985, 7, 117-124.	2.8	10
182	Simulation of Airborne Impurity Cycles Using Atmospheric General Circulation Models. <i>Annals of Glaciology</i> , 1985, 7, 131-137.	2.8	11
183	A Global Oxygen Isotope Model â€” Semi-Empirical, Zonally Averaged. <i>Annals of Glaciology</i> , 1985, 7, 117-124.	2.8	51
184	Effects of Precipitation on the Isotopic Composition of Falling Snow Particles. <i>Annals of Glaciology</i> , 1985, 6, 261-262.	2.8	8
185	Geological Evolution of the Mediterranean Basin. , 1985, , .		51
186	Deuterium and Oxygen 18 in Water Vapour and Precipitation: Application to Atmospheric Water Vapour Transport and to Paleoclimate. <i>Isotopes in Environmental and Health Studies</i> , 1985, 21, 193-198.	0.3	5
187	Tropical Glaciers and Climate. , 1985, , 376-388.		0
188	The climatic history of pine in the cairngorms based on radiocarbon dates and stable isotope analysis, with an account of the events leading up to its colonization. <i>Review of Palaeobotany and Palynology</i> , 1985, 46, 55-80.	0.8	76
189	Multivariate Analysis and Interpretation of the Hydrochemistry of a Dolomitic Reef Aquifer, Northern Italy. <i>Water Resources Research</i> , 1985, 21, 1010-1024.	1.7	50
190	Seasonal contributions to the climatic variations recorded in tree ring deuterium/hydrogen data. <i>Journal of Geophysical Research</i> , 1985, 90, 3747-3752.	3.3	12
191	Isotopic Evidence for Relic Pleistocene Glacier Ice on Victoria Island, Canadian Arctic Archipelago. <i>Arctic and Alpine Research</i> , 1985, 17, 89.	1.3	52
192	Hydrogeochemistry of the Meade thrust allochthon, southeastern Idaho, U.S.A., and its relevance to stratigraphic and structural groundwater flow control. <i>Journal of Hydrology</i> , 1985, 76, 27-61.	2.3	9
193	D/H variations of meteoric waters in Albuquerque, New Mexico, U.S.A.. <i>Journal of Hydrology</i> , 1985, 76, 63-84.	2.3	19

#	ARTICLE	IF	CITATIONS
194	Groundwater recharge estimation using chloride, deuterium and oxygen-18 profiles in the deep coastal sands of Western Australia. <i>Journal of Hydrology</i> , 1985, 81, 93-109.	2.3	123
195	A radiochemical, hydrochemical and dissolved gas study of groundwaters in the Molasse basin of Upper Austria. <i>Earth and Planetary Science Letters</i> , 1985, 73, 317-332.	1.8	90
196	Oxygen isotope systematics indicating large-scale circulation of fluids in granitic rocks from southwest Sweden. <i>Chemical Geology</i> , 1985, 51, 239-246.	1.4	4
197	Role of corrosion by H <sub>2</sub> SO <sub>4</sub> fallout in cave development in a travertine deposit – Evidence from sulfur and oxygen isotopes. <i>Chemical Geology</i> , 1985, 49, 205-211.	1.4	14
198	An isotopic study of hydrocarbon generation processes. <i>Organic Geochemistry</i> , 1985, 8, 341-347.	0.9	43
199	Paleoclimatology of the casas del rinc3n villafranchian series (Spain) from stable isotope data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1985, 49, 61-77.	1.0	16
200	Oxygen isotopes, sea level changes and the temperature history of a coral reef environment in New Guinea over the last 105 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1986, 56, 337-379.	1.0	168
201	Hydrogen isotope study of large-scale meteoric water transport in Northern California and Nevada. <i>Journal of Hydrology</i> , 1986, 85, 183-197.	2.3	59
202	Hydrological characteristics of an Alpine glacial valley in the North Italian Dolomites. <i>Journal of Hydrology</i> , 1986, 88, 275-299.	2.3	9
203	Variabilit3 spatiale du transfert de l'eau dans le sol: Utilisation du tra3sage et analyse g3ostatique. <i>Journal of Hydrology</i> , 1986, 89, 93-107.	2.3	8
204	Climatic correlations in the stable isotope records of silver fir ( <i>Abies pindrow</i> ) trees from Kashmir, India. <i>Earth and Planetary Science Letters</i> , 1986, 79, 66-74.	1.8	108
205	The origin of fluids in the salt beds of the Delaware Basin, New Mexico and Texas. <i>Applied Geochemistry</i> , 1986, 1, 265-271.	1.4	22
206	Temperature and rainfall variation in the holocene based on comparative palaeoecology and isotope geology of a hummock and a hollow (Bourtangerveen, The Netherlands). <i>Review of Palaeobotany and Palynology</i> , 1986, 48, 71-159.	0.8	79
207	Short-term variation of oxygen isotopic composition of falling snow particles. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1986, 38, 353-363.	0.8	3
208	Late Pleistocene palaeotemperature record from a Tasmanian speleothem. <i>Australian Journal of Earth Sciences</i> , 1986, 33, 333-342.	0.4	38
209	An isotopic and geochemical study of snowmelt runoff in a small arctic watershed. <i>Hydrological Processes</i> , 1986, 1, 15-30.	1.1	61
210	Past Antarctic Peninsula climate (1850?1980) deduced from an ice core isotope record. <i>Climatic Change</i> , 1986, 8, 69-89.	1.7	89
211	Singular events and catastrophes now and in climatic history. <i>Die Naturwissenschaften</i> , 1986, 73, 136-149.	0.6	35

#	ARTICLE	IF	CITATIONS
212	Late Hercynian U-vein mineralization in the Alps: fluid inclusion and C, O, H isotopic evidence for mixing between two externally derived fluids. <i>Contributions To Mineralogy and Petrology</i> , 1986, 93, 179-186.	1.2	22
213	Short-term variation of oxygen isotopic composition of falling snow particles. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1986, 38B, 353-363.	0.8	6
214	Dissolved Gas Paleotemperatures and $^{18}\text{O}$ Variations Derived from Groundwater Near Uitenhage, South Africa. <i>Quaternary Research</i> , 1986, 25, 79-88.	1.0	95
215	Ross Ice Shelf Oxygen Isotopes and West Antarctic Climate History. <i>Quaternary Research</i> , 1986, 26, 49-67.	1.0	29
216	Paleoclimatic Inferences from an Isotopic Investigation of Groundwater in the Central San Juan Basin, New Mexico. <i>Quaternary Research</i> , 1986, 26, 179-193.	1.0	69
217	Isotopenhydrologische Untersuchungen im Gebiet der Schirmacheroase (Ostantarktika). <i>Isotopes in Environmental and Health Studies</i> , 1986, 22, 140-144.	0.3	0
218	ISOTOPES AND FOOD. , 1986, , 507-548.		11
219	Application of isotope hydrology to groundwater problems in engineering geology. <i>Geological Society Engineering Geology Special Publication</i> , 1986, 3, 169-176.	0.2	0
220	Articles Changes of $^{18}\text{O}/^{16}\text{O}$ and $2\text{H}/1\text{H}$ during Evaporation of Flowing Surface Water. <i>Isotopes in Environmental and Health Studies</i> , 1987, 23, 317-320.	0.3	0
221	Oxygen-18 in Estonian Natural Waters. <i>Isotopes in Environmental and Health Studies</i> , 1987, 23, 232-234.	0.3	9
222	Quaternary landforms, sediments, depositional environments and gastropod isotope ratios at Adrar Bous, Tenere Desert of Niger, south-central Sahara. <i>Geological Society Special Publication</i> , 1987, 35, 105-125.	0.8	34
223	Freezing rate determination by the isotopic composition of the ice. <i>Geophysical Research Letters</i> , 1987, 14, 599-602.	1.5	48
224	Estimating short-term changes in Eustatic sea level. <i>Paleoceanography</i> , 1987, 2, 625-637.	3.0	16
225	Mechanisms and observations for isotope fractionation of molecular species in planetary atmospheres. <i>Reviews of Geophysics</i> , 1987, 25, 1609-1658.	9.0	114
226	Stable isotopic signatures of tertiary lake carbonates, Eastern Ebro Basin, Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1987, 60, 59-75.	1.0	17
227	Secular changes in the oxygen isotope ratios of mollusc shells during the Holocene of Central Japan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1987, 61, 155-166.	1.0	15
228	Stable isotope, fossil coleoptera and pollen stratigraphy in late quaternary sediments from Ontario and New York state. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1987, 58, 183-202.	1.0	58
229	Isotopic analysis of archaeobotanicals to reconstruct past climates: Effects of activities associated with food preparation on carbon, hydrogen and oxygen isotope ratios of plant cellulose. <i>Journal of Archaeological Science</i> , 1987, 14, 537-548.	1.2	55

#	ARTICLE	IF	CITATIONS
230	The genesis of the Deer Trail Zn-Pb-Ag vein deposits, northeast Washington, U.S.A.: evidence from fluid-inclusion and stable-isotope studies. <i>Canadian Journal of Earth Sciences</i> , 1987, 24, 1715-1726.	0.6	1
231	Articles Deuterium and Oxygen-18 in Central European Groundwaters. <i>Isotopes in Environmental and Health Studies</i> , 1987, 23, 385-390.	0.3	8
232	Snowfall and Oxygen-Isotope Variations off the North Coast of Ellesmere Island, N.W.T., Canada. <i>Journal of Glaciology</i> , 1987, 33, 195-199.	1.1	8
233	Stable Isotopes and Debris in Basal Glacier Ice, South Georgia, Southern Ocean. <i>Journal of Glaciology</i> , 1987, 33, 324-329.	1.1	17
234	Stable Isotopes and Debris in Basal Glacier Ice, South Georgia, Southern Ocean. <i>Journal of Glaciology</i> , 1987, 33, 324-329.	1.1	14
235	Sampling for isotopic responses in surface waters. <i>Earth Surface Processes and Landforms</i> , 1987, 12, 551-559.	1.2	16
236	Changes in mid-depth North Atlantic and Mediterranean circulation during the Late Pliocene – Isotopic and sedimentological evidence. <i>Marine Geology</i> , 1987, 77, 15-38.	0.9	23
237	The origin of sulphates in Castleguard Cave, Columbia Icefields, Canada. <i>Chemical Geology: Isotope Geoscience Section</i> , 1987, 65, 427-433.	0.7	9
238	Palaeoclimate analysis of ratios in peat sequences with variable plant composition. <i>Chemical Geology: Isotope Geoscience Section</i> , 1987, 66, 323-333.	0.7	8
239	The Malines Cambrian carbonate-shale-hosted Pb-Zn deposit, France: Thermometric and isotopic (H, O) evidence for pulsating hydrothermal mineralization. <i>Mineralium Deposita</i> , 1988, 23, 86.	1.7	21
240	Deuterium in water vapor above the atmospheric boundary layer. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1988, 40B, 134-147.	0.8	32
241	Relationship between $\delta D$ and $\delta^{18}O$ values of falling snow particles from a separate cloud. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1988, 40B, 205-213.	0.8	12
242	Oxygen isotope dating of the Australian regolith. <i>Nature</i> , 1988, 331, 513-516.	13.7	67
243	CO <sub>2</sub> record in the Byrd ice core 50,000–5,000 years bp. <i>Nature</i> , 1988, 331, 609-611.	13.7	307
244	Stable-isotope evidence for low-temperature kaolinitic weathering and post-formational hydrogen-isotope exchange in permian kaolinites. <i>Chemical Geology: Isotope Geoscience Section</i> , 1988, 72, 249-265.	0.7	65
245	Stable Isotopes of Holocene Calcareous Tufa in Southern Poland as Paleoclimatic Indicators. <i>Quaternary Research</i> , 1988, 30, 177-189.	1.0	78
246	A 15,000-year Isotopic Record from Lake Zürich of Deglaciation and Climatic Change in Switzerland. <i>Quaternary Research</i> , 1988, 29, 129-141.	1.0	121
247	Deuterium and oxygen-18 studies in groundwater of the Delhi area, India. <i>Journal of Hydrology</i> , 1988, 98, 133-146.	2.3	36

#	ARTICLE	IF	CITATIONS
248	Climatic implications of D/H ratios in beetle chitin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1988, 66, 277-288.	1.0	41
249	Origin of subsurface water at Cajon Pass, California. <i>Geophysical Research Letters</i> , 1988, 15, 1049-1052.	1.5	15
250	Snowfall in high southern latitudes. <i>Reviews of Geophysics</i> , 1988, 26, 149-168.	9.0	367
251	Evidence for Low Temperatures and Biologic Diversity in Cretaceous High Latitudes of Australia. <i>Science</i> , 1988, 242, 1403-1406.	6.0	92
252	Stable-isotope paleoclimate records for southern Ontario, Canada: comparison of results from marl and wood. <i>Canadian Journal of Earth Sciences</i> , 1988, 25, 1397-1406.	0.6	38
253	Isotopic modeling of climatic oscillations: Implications for a comparative study of marine and ice core records. <i>Journal of Geophysical Research</i> , 1988, 93, 9365-9383.	3.3	41
254	Measurement of Energy Expenditure in Free-Living Humans by Using Doubly Labeled Water. <i>Journal of Nutrition</i> , 1988, 118, 1278-1289.	1.3	468
255	Temporal Variations of Isotopic Composition of Glacier-River Water During Summer: Observations at Austre Okstindbreen, Okstindan, Norway. <i>Journal of Glaciology</i> , 1988, 34, 309-317.	1.1	3
256	Temporal Variations of Isotopic Composition of Glacier-River Water During Summer: Observations at Austre Okstindbreen, Okstindan, Norway. <i>Journal of Glaciology</i> , 1988, 34, 309-317.	1.1	25
257	On the Relationship Between 18O/16O Ratios of Precipitation and Climate. <i>Annals of Glaciology</i> , 1988, 10, 217-217.	2.8	4
258	Deuterium in water vapor above the atmospheric boundary layer. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1988, 40, 134-147.	0.8	10
259	On the Relationship Between 18O/16O Ratios of Precipitation and Climate. <i>Annals of Glaciology</i> , 1988, 10, 217.	2.8	11
260	Investigation of the 18O Content of a 100 m Ice Core From the Ronne Ice Shelf, Antarctica. <i>Annals of Glaciology</i> , 1988, 10, 43-47.	2.8	6
261	$\delta^{18}O$ Relationships and the Thermal History of Basal Ice Near the margins of two Glaciers in Lyngen, North Norway. <i>Journal of Glaciology</i> , 1988, 34, 265-268.	1.1	27
262	Stacking of Basal Debris Layers Without Bulk Freezing-on: Isotopic Evidence from West Greenland. <i>Journal of Glaciology</i> , 1989, 35, 214-216.	1.1	44
263	Landforms and ground ice as evidence of the source of H <sub>2</sub> O in permafrost. <i>Progress in Physical Geography</i> , 1989, 13, 367-390.	1.4	6
264	Oxygen-18 Content of Atmospheric Oxygen Does Not Affect the Oxygen Isotope Relationship between Environmental Water and Cellulose in a Submerged Aquatic Plant, <i>Egeria densa</i> Planch. <i>Plant Physiology</i> , 1989, 91, 536-541.	2.3	15
265	Some Hydrogeological Problems In Sri Lanka. <i>Water International</i> , 1989, 14, 138-147.	0.4	0

#	ARTICLE	IF	CITATIONS
266	Stable Isotopes:History, Units, and Instrumentation. Ecological Studies, 1989, , 1-15.	0.4	91
267	Stable Hydrogen Isotope Ratios in Plants: A Review of Current Theory and Some Potential Applications. Ecological Studies, 1989, , 142-162.	0.4	77
268	Coastal fog and its relation to groundwater in the IV region of northern Chile. Chemical Geology: Isotope Geoscience Section, 1989, 79, 83-91.	0.7	35
269	Depletion of heavy isotopes of oxygen and hydrogen in tissue water of intertidal plants: implications for water economy. Marine Biology, 1989, 101, 397-400.	0.7	3
270	Oxygen isotopic variation of falling snow particles with time during the lifetime of a convective cloud: observation and modelling. Tellus, Series B: Chemical and Physical Meteorology, 1989, 41B, 511-523.	0.8	8
271	The origin of Arctic precipitation under present and glacial conditions. Tellus, Series B: Chemical and Physical Meteorology, 1989, 41B, 452-468.	0.8	270
272	Climatic significance of $\delta^{13}C$ variations in a tropical tree species from India. Nature, 1989, 337, 149-150.	13.7	31
273	Geochemical evolution of ground water in Smith Creek Valley—a hydrologically closed basin in central Nevada, U.S.A.. Applied Geochemistry, 1989, 4, 493-510.	1.4	45
274	Meteorologic and isotopic characteristics of precipitation events with implications for groundwater recharge, Southern High Plains. Atmospheric Research, 1989, 23, 51-82.	1.8	20
275	Elemental and isotopic composition of occluded $O_2$ and $N_2$ in polar ice. Journal of Geophysical Research, 1989, 94, 5137-5150.	3.3	182
276	Stable-isotope geochronology of the Australian regolith. Geochimica Et Cosmochimica Acta, 1989, 53, 3239-3256.	1.6	101
277	Atmospheric and radiogenic gases in groundwaters from the Stripa granite. Geochimica Et Cosmochimica Acta, 1989, 53, 1831-1841.	1.6	51
278	Global change over the last climatic cycle from the vostok ice core record (Antarctica). Quaternary International, 1989, 2, 15-24.	0.7	23
279	Oxygen and carbon isotope ratios in gastropod shells as indicators of paleoenvironments in the afar region of ethiopia. Palaeogeography, Palaeoclimatology, Palaeoecology, 1989, 74, 265-278.	1.0	75
280	Groundwater chemistry and palaeorecharge in the Amadeus Basin, Central Australia. Journal of Hydrology, 1989, 109, 237-266.	2.3	25
281	Oxygen isotopic composition of carbonate concretions from the lower Cretaceous of Victoria, Australia: implications for the evolution of meteoric waters on the Australian continent in a paleopolar environment. Earth and Planetary Science Letters, 1989, 92, 27-42.	1.8	93
282	Natural isotope tracers and water filiation in the vine ecosystem. Applied Geochemistry, 1989, 4, 1-11.	1.4	9
283	Oxygen isotope variation in bone phosphate. Applied Geochemistry, 1989, 4, 317-323.	1.4	85



#	ARTICLE	IF	CITATIONS
284	Potential use of oxygen and carbon isotopic composition of otoliths to identify migratory and non-migratory stocks of the New Zealand common smelt: A pilot study. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1989, 23, 337-344.	0.8	55
285	Application of Stable Isotope Variation in Human Tissues to Problems in Identification. <i>Journal of the Canadian Society of Forensic Science</i> , 1989, 22, 7-19.	0.7	76
286	The origin of Arctic precipitation under present and glacial conditions. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 41, 452.	0.8	240
287	« $\delta^{13}C_{org}$ (‰) vs $\delta^{15}N_{org}$ (‰) in the sediments of the Black Sea (BS)» (Fig. 2). <i>Journal of Groundwater Hydrology</i> , 1990, 32, 253-272.		3
288	Oxygen and carbon isotope composition of Gordon Group carbonates (Ordovician), Florentine Valley, Tasmania, Australia. <i>Australian Journal of Earth Sciences</i> , 1990, 37, 305-316.	0.4	14
289	The effect of Rayleigh degassing of magma on sulphur isotope composition: a quantitative evaluation. <i>Terra Nova</i> , 1990, 2, 74-78.	0.9	18
290	Marine to mixing zone dolomitization in peritidal carbonates: The Gordon Group (Ordovician), Mole Creek, Tasmania, Australia. <i>Carbonates and Evaporites</i> , 1990, 5, 153-178.	0.4	16
291	Sulfur isotope fractionation in magmatic systems: Models of Rayleigh distillation and selective flux. <i>Diqiu Huaxue</i> , 1990, 9, 27-45.	0.5	18
292	A review of the palaeohydrological interpretation of carbon and oxygen isotopic ratios in primary lacustrine carbonates. <i>Chemical Geology: Isotope Geoscience Section</i> , 1990, 80, 261-279.	0.7	606
293	Paleoclimate Deduced from a Multidisciplinary Study of a Half-Million-Year-Old Stalagmite from Rana, Northern Norway. <i>Quaternary Research</i> , 1990, 34, 306-316.	1.0	50
294	The identification of runoff-production mechanisms using environmental isotopes in a tussock grassland catchment, eastern otago, New Zealand. <i>Hydrological Processes</i> , 1990, 4, 15-34.	1.1	56
295	Patterns of the isotopic composition of precipitation in time and space: data from the Israeli storm water collection program. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 42, 263.	0.8	45
296	Environmental information in the isotopic record in trees. <i>Philosophical Transactions of the Royal Society A</i> , 1990, 330, 427-439.	1.3	77
297	A Zonally-Averaged Stable-Isotope Model Coupled to a Regional Variable-Elevation Stable-Isotope Model. <i>Annals of Glaciology</i> , 1990, 14, 65-71.	2.8	48
298	Climatic Change in a High-Altitude Alpine Area Suggested by the Isotopic Composition Of Cold Basal Glacier Ice. <i>Annals of Glaciology</i> , 1990, 14, 168-171.	2.8	6
299	Deuterium and oxygen-18 abundance in birds: implications for DLW energetics studies. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1990, 258, R804-R812.	0.9	9
300	Lateral and vertical variations in pedogenesis and other early diagenetic phenomena, Middle Jurassic Ravenscar Group, Yorkshire. <i>Proceedings of the Yorkshire Geological Society</i> , 1990, 48, 61-74.	0.2	14
301	Isotope fractionation by plants and animals: implications for nutrition research. <i>Canadian Journal of Physiology and Pharmacology</i> , 1990, 68, 960-972.	0.7	39

#	ARTICLE	IF	CITATIONS
302	Trace Element Indicators of Climate Variability in Reef-Building Corals. Elsevier Oceanography Series, 1990, , 255-283.	0.1	40
303	Stable isotopes in nutrition research: historical perspective and overview. Canadian Journal of Physiology and Pharmacology, 1990, 68, 935-940.	0.7	7
305	Palaeoclimatic information from ice cores: the Vostok records. Transactions of the Royal Society of Edinburgh: Earth Sciences, 1990, 81, 349-355.	1.0	8
306	Deuterium NMR in the Study of Site-Specific Natural Isotope Fractionation (SNIF-NMR). Nmr, 1990, , 1-61.	0.5	27
307	Oxygen isotope variations in phosphate of deer bones. Geochimica Et Cosmochimica Acta, 1990, 54, 1723-1728.	1.6	179
308	Estimating groundwater exchange with lakes: 1. The stable isotope mass balance method. Water Resources Research, 1990, 26, 2445-2453.	1.7	103
309	A 400 years isotope record of the Antarctic Peninsula climate. Geophysical Research Letters, 1990, 17, 2369-2372.	1.5	40
310	The Southern Oscillation recorded in the $\delta^{18}\text{O}$ of corals from Tarawa Atoll. Paleoceanography, 1990, 5, 669-683.	3.0	143
311	Hydrogeochemistry and stable isotopes of ground and surface waters from two adjacent closed basins, Atacama Desert, northern Chile. Applied Geochemistry, 1990, 5, 719-734.	1.4	45
312	Origin and evolution of formation waters, Alberta Basin, Western Canada Sedimentary Basin. II. Isotope systematics and water mixing. Applied Geochemistry, 1990, 5, 397-413.	1.4	125
313	Oxygen and carbon isotope ratios of hydrothermal minerals from Yellowstone drill cores. Journal of Volcanology and Geothermal Research, 1990, 40, 23-37.	0.8	21
314	The influence of riming on the oxygen isotopic composition of ice-phase precipitation. Atmospheric Research, 1991, 26, 463-488.	1.8	8
315	Dissolved gases in the Milk River aquifer, Alberta, Canada. Applied Geochemistry, 1991, 6, 393-403.	1.4	26
316	Source and recharge of groundwater in the basement terrain in the Zaria-Kaduna area, Nigeria: applying stable isotopes. Journal of African Earth Sciences (and the Middle East), 1991, 13, 229-234.	0.2	12
317	Factors controlling stable isotope composition of rainfall in New Delhi, India. Journal of Hydrology, 1991, 128, 223-236.	2.3	81
318	An isotopic study of groundwater supplies in the Eastern Province of Kenya. Journal of Hydrology, 1991, 128, 257-275.	2.3	9
319	Lake Qinghai, China: closed-basin like levels and the oxygen isotope record for ostracoda since the latest Pleistocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 1991, 84, 141-162.	1.0	440
320	Deuterium excess in recent Antarctic snow. Journal of Geophysical Research, 1991, 96, 5113-5122.	3.3	186

#	ARTICLE	IF	CITATIONS
321	Stratospheric profiles of heavy water vapor isotopes and CH <sub>3</sub> D from analysis of the ATMOS Spacelab 3 infrared solar spectra. <i>Journal of Geophysical Research</i> , 1991, 96, 1057-1068.	3.3	66
322	Benthic foraminiferal $\delta^{18}\text{O}$ in the ocean's temperature-salinity-density field: Constraints on Ice Age thermohaline circulation. <i>Paleoceanography</i> , 1991, 6, 1-20.	3.0	77
323	Stable Isotopes of Oxygen and Natural and Fallout Radionuclides Used for Tracing Runoff During Snowmelt in an Arctic Watershed. <i>Water Resources Research</i> , 1991, 27, 2171-2179.	1.7	77
324	Oxygen isotopes in an oolitic ironstone and the determination of goethite $\delta^{18}\text{O}$ values by selective dissolution of impurities: The 5M NaOH method. <i>Geochimica Et Cosmochimica Acta</i> , 1991, 55, 2627-2634.	1.6	51
325	Tropical Glaciers and Climate. , 1991, , 399-412.		0
326	Climate Dynamics of the Tropics. , 1991, , .		367
327	Remarks on the deuterium excess in precipitation in cold regions. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 43, 401.	0.8	25
328	An 8-year record of the seasonal variation of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ in atmospheric water vapour and precipitation at Heidelberg, Germany. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 43, 291.	0.8	78
329	Light stable isotope systematics of large-scale hydrologic regimes in California and Nevada. <i>Water Resources Research</i> , 1991, 27, 77-90.	1.7	194
330	Field relationships and stable isotope geochemistry of concretions from James Ross Island, Antarctica. <i>Sedimentary Geology</i> , 1991, 71, 137-150.	1.0	26
331	Geochemical differences between subtropical (Ordovician), cool temperate (Recent and Pleistocene) and subpolar (Permian) carbonates, tasmania, australia. <i>Carbonates and Evaporites</i> , 1991, 6, 83-106.	0.4	34
332	Laurentide Ice Sheet Extent Inferred from Stable Isotopic Composition (O,C) of Ostracodes at Toronto, Canada. <i>Quaternary Research</i> , 1991, 35, 305-320.	1.0	18
333	The stable isotope geochemistry of CaCO <sub>3</sub> on the Tanana River floodplain of interior Alaska, U.S.A.: Composition and mechanisms of formation. <i>Chemical Geology: Isotope Geoscience Section</i> , 1991, 86, 97-110.	0.7	29
334	Streamside trees that do not use stream water. <i>Nature</i> , 1991, 350, 335-337.	13.7	705
335	A 13,000-year climate record from western Tibet. <i>Nature</i> , 1991, 353, 742-745.	13.7	531
336	The geochemistry of concretions from the Kimmeridge Clay Formation of southern and eastern England. <i>Sedimentology</i> , 1991, 38, 79-106.	1.6	67
337	Geochemistry of meteoric calcite cements in some Pleistocene limestones. <i>Sedimentology</i> , 1991, 38, 601-621.	1.6	56
338	Mars volatile evolution: Evidence from stable isotopes. <i>Icarus</i> , 1991, 94, 14-31.	1.1	93

#	ARTICLE	IF	CITATIONS
339	Origins of metamorphic lode gold deposits: Implications of stable isotope data from the central Rocky Mountains, Canada. <i>Mineralogy and Petrology</i> , 1991, 43, 193-209.	0.4	2
340	Differential utilization of summer rains by desert plants. <i>Oecologia</i> , 1991, 88, 430-434.	0.9	408
341	Environmental Isotopes and Hydrogeochemistry of Groundwater in Mallawi Area, El-Minia, Egypt. <i>Isotopes in Environmental and Health Studies</i> , 1991, 27, 173-177.	0.3	0
342	Stable Isotope Composition of Stem and Leaf Water: Applications to the Study of Plant Water Use. <i>Functional Ecology</i> , 1991, 5, 270.	1.7	190
343	Hydrogen and Carbon Isotope Ratios of Selected Species of a Mediterranean Macchia Ecosystem. <i>Functional Ecology</i> , 1992, 6, 627.	1.7	108
344	Authigenic K-Feldspar in the Permo-Triassic of northwest Britain: a pilot oxygen isotope study. <i>Geological Society Special Publication</i> , 1992, 62, 93-96.	0.8	2
345	Stable isotope geochemistry and origin of waters in sedimentary basins. , 1992, , 411-466.		45
346	Relation Between Long-Term Trends of Oxygen-18 Isotope Composition of Precipitation and Climate. <i>Science</i> , 1992, 258, 981-985.	6.0	652
347	Isotopic composition of vein calcite and its fluid inclusions: Implication to paleohydrological systems, tectonic events and vein formation processes. <i>Chemical Geology</i> , 1992, 94, 307-314.	1.4	11
348	The use of land snail shells in paleoenvironmental reconstruction. <i>Quaternary Science Reviews</i> , 1992, 11, 665-685.	1.4	120
349	On the nature of the ice cap on the Tibetan Plateau during the late Quaternary. <i>Global and Planetary Change</i> , 1992, 5, 339-343.	1.6	2
350	Stable isotope simulations using a regional stable isotope model coupled to a zonally averaged global model. <i>Cold Regions Science and Technology</i> , 1992, 21, 61-77.	1.6	43
351	Modeling of ancient climate from deuterium content of water in volcanic glass. <i>Quaternary International</i> , 1992, 13-14, 201-203.	0.7	8
352	Palaeoclimate determination from cave calcite deposits. <i>Quaternary Science Reviews</i> , 1992, 11, 609-632.	1.4	214
353	Isotope signatures in phosphate deposits: Formation and diagenetic history. , 1992, , 69-121.		14
354	Rates and patterns of groundwater flow in the Cascade Range Volcanic Arc, and the effect on subsurface temperatures. <i>Journal of Geophysical Research</i> , 1992, 97, 4599-4627.	3.3	59
355	Environmental information from ice cores. <i>Reviews of Geophysics</i> , 1992, 30, 1-21.	9.0	83
356	Isotope characteristics of meteoric water and groundwater in the Sahelo-Saharan Sudanese zone. <i>Journal of Geophysical Research</i> , 1992, 97, 7543-7551.	3.3	71

#	ARTICLE	IF	CITATIONS
357	Surface ocean variability at Galapagos from 1936â€“1982: Calibration of geochemical tracers in corals. <i>Paleoceanography</i> , 1992, 7, 563-588.	3.0	151
358	Estimating paleorecharge and paleoclimate from unsaturated zone profiles. <i>Water Resources Research</i> , 1992, 28, 2721-2731.	1.7	108
359	The preservation of glacial-interglacial climatic signatures in the oxygen isotopes of elephant skeletal phosphate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1992, 99, 179-191.	1.0	155
360	On the nature of the ice cap on the Tibetan Plateau during the late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1992, 97, 339-343.	1.0	4
361	Recharge mechanisms and geochemical processes in a semi-arid sedimentary basin, Eastern Cape, South Africa. <i>Journal of Hydrology</i> , 1992, 139, 27-48.	2.3	247
362	Stable isotope study of the Ganga (Ganges) river system. <i>Journal of Hydrology</i> , 1992, 139, 49-62.	2.3	104
363	Sources of precipitation over South-Eastern Spain and groundwater recharge. An isotopic study. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 44, 226.	0.8	41
364	Stable isotopic study of the groundwater of the Martha Brae River Basin, Jamaica. <i>Water Resources Research</i> , 1992, 28, 1597-1604.	1.7	12
365	Evidence for an early Holocene climatic optimum in the Antarctic deep ice-core record. <i>Climate Dynamics</i> , 1992, 6, 169-177.	1.7	69
366	Origin of July Antarctic precipitation and its influence on deuterium content: a GCM analysis. <i>Climate Dynamics</i> , 1992, 7, 195-203.	1.7	62
367	Oxygen isotope records of benthic ostracods in bavarian lake sediments. <i>Die Naturwissenschaften</i> , 1992, 79, 145-152.	0.6	84
368	Tests for migratory history of the New Zealand common smelt ( <i>Retropinna retropinna</i> (Richardson)) using otolith isotopic composition. <i>Ecology of Freshwater Fish</i> , 1992, 1, 61-72.	0.7	30
369	Water uptake by plants: perspectives from stable isotope composition. <i>Plant, Cell and Environment</i> , 1992, 15, 1073-1082.	2.8	844
370	Differential uptake of summer precipitation among co-occurring trees and shrubs in a pinyon-juniper woodland. <i>Plant, Cell and Environment</i> , 1992, 15, 831-836.	2.8	211
371	Hydrogen and oxygen isotopes and the origin of the ice in peat plateaus. <i>Permafrost and Periglacial Processes</i> , 1992, 3, 19-27.	1.5	9
372	Isotopic composition of vein calcite and its fluid inclusions: Implication to paleohydrological systems, tectonic events and vein formation processes. <i>Chemical Geology: Isotope Geoscience Section</i> , 1992, 94, 307-314.	0.7	2
373	Pliocene-Pleistocene oxygen isotope record Site 586, Ontong Java Plateau. <i>Marine Micropaleontology</i> , 1992, 18, 171-198.	0.5	24
374	Constraints on ice-sheet thickness over Tibet during the last 40 000 years. <i>Journal of Quaternary Science</i> , 1992, 7, 283-290.	1.1	13

#	ARTICLE	IF	CITATIONS
375	18O abundance and dissolved silicate in the Lena delta and Laptev Sea (Russia). <i>Marine Chemistry</i> , 1993, 43, 47-64.	0.9	88
376	Climate instability during the last interglacial period recorded in the GRIP ice core. <i>Nature</i> , 1993, 364, 203-207.	13.7	805
377	Extending the Vostok ice-core record of palaeoclimate to the penultimate glacial period. <i>Nature</i> , 1993, 364, 407-412.	13.7	556
378	The "flickering switch" of late Pleistocene climate change. <i>Nature</i> , 1993, 361, 432-436.	13.7	558
379	Abrupt increase in Greenland snow accumulation at the end of the Younger Dryas event. <i>Nature</i> , 1993, 362, 527-529.	13.7	1,149
380	Photosynthetic gas exchange and the stable isotope composition of leaf water: comparison of a xylem-tapping mistletoe and its host. <i>Plant, Cell and Environment</i> , 1993, 16, 623-631.	2.8	42
381	Stable isotopic compositions of Recent freshwater cyanobacterial carbonates from the British Isles: local and regional environmental controls. <i>Sedimentology</i> , 1993, 40, 303-314.	1.6	146
382	Origin of carbonate materials in the northern Basin of Lake Baikal and its relationship to holocene paleoclimate. <i>Chinese Journal of Oceanology and Limnology</i> , 1993, 11, 57-69.	0.7	1
383	Stable isotopic composition of meteoric calcites: Evidence for early mississippian climate change in the mission canyon formation, Montana. <i>Tectonophysics</i> , 1993, 222, 317-331.	0.9	9
384	Pluvial conditions in the eastern Sahara following the penultimate deglaciation: implications for changes in atmospheric circulation patterns with global warming. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1993, 103, 95-105.	1.0	82
385	Effect of regional topography and hydrology on the lacustrine isotopic record of Miocene paleoclimate in the Rocky Mountains. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1993, 101, 67-79.	1.0	43
386	Geochemistry and origin of formation brines from the Paris Basin, France. <i>Chemical Geology</i> , 1993, 109, 149-175.	1.4	282
387	Oxygen isotopic composition of fossil mammal bones of Holocene age: Palaeoclimatological considerations. <i>Chemical Geology</i> , 1993, 103, 171-179.	1.4	15
388	The interaction of two major old water bodies and its implication for the exploitation of groundwater in the multiple aquifer system of the central and northern Negev, Israel. <i>Journal of Hydrology</i> , 1993, 143, 169-190.	2.3	21
389	Oxygen isotopic variations of snowfall from winter storms in the central Sierra Nevada; Relation to ice growth microphysics and mesoscale structure. <i>Atmospheric Research</i> , 1993, 29, 135-151.	1.8	4
390	Paleoclimatic tracers: An investigation using an atmospheric general circulation model under ice age conditions: 2. Water isotopes. <i>Journal of Geophysical Research</i> , 1993, 98, 2807-2830.	3.3	130
391	Geochemistry of late permian non-marine bivalves: Implications for the continental paleohydrology and paleoclimatology of northwestern China. <i>Carbonates and Evaporites</i> , 1993, 8, 199-212.	0.4	13
392	The Ice Record of Greenhouse Gases. <i>Science</i> , 1993, 259, 926-934.	6.0	426

#	ARTICLE	IF	CITATIONS
393	Regional Ground-Water Mixing and the Origin of Saline Fluids: Midcontinent, United States. <i>Science</i> , 1993, 259, 1877-1882.	6.0	60
394	Recent Variability in the Southern Oscillation: Isotopic Results from a Tarawa Atoll Coral. <i>Science</i> , 1993, 260, 1790-1793.	6.0	305
395	Stable Isotope Enrichment in Paleowaters of the Southeast Atlantic Coastal Plain, United States. <i>Science</i> , 1993, 262, 2016-2020.	6.0	57
396	Oxygen and carbon isotope variation between dolomite and coexisting micrite pairs, Gordon Group (Ordovician), Mole Creek, Tasmania, Australia. <i>Australian Journal of Earth Sciences</i> , 1993, 40, 131-139.	0.4	7
397	Chemical constituents in the air and snow at Dye 3, Greenland. II. Analysis of episodes in April 1989. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 2723-2737.	1.3	37
398	The Dye 3 gas and aerosol sampling program (DGASP): An overview. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 2703-2707.	1.3	29
399	Chemical constituents in the air and snow at Dye 3, Greenland. I. Seasonal variations. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 2709-2722.	1.3	73
400	Continental water recycling and $H_2^{18}O$ concentrations. <i>Geophysical Research Letters</i> , 1993, 20, 2215-2218.	1.5	62
401	Oxygen-18 and carbon-13 records for the last 14,000 years from Lacustrine carbonates of Silingco (Lake) in the Qinghai-Tibetan Plateau. <i>Geophysical Research Letters</i> , 1993, 20, 2909-2912.	1.5	53
402	The North Atlantic Oscillation signature in deuterium and deuterium excess signals in the Greenland Ice Sheet Project 2 Ice Core, 1840-1970. <i>Geophysical Research Letters</i> , 1993, 20, 2901-2904.	1.5	122
403	Stable isotopic variations of clay minerals: A key to the understanding of Kupferschiefer-type mineralization, Germany. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 1799-1816.	1.6	22
404	Isotopic enrichment of water in the woody tissues of plants: Implications for plant water source, water uptake, and other studies which use the stable isotopic composition of cellulose. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3487-3492.	1.6	216
405	Paleoenvironment and the oxygen isotope geochemistry of ironstone of the Upper Ordovician Neda Formation, Wisconsin, USA. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 2319-2327.	1.6	34
406	Isotopic responses to interannual climate variability simulated by an atmospheric general circulation model. <i>Quaternary Science Reviews</i> , 1993, 12, 387-406.	1.4	30
407	Historical Aspects of Stable Isotopes in Plant Carbon and Water Relations. , 1993, , 9-18.		96
408	Geomorphic and palaeoclimatic implications of an oxygen-isotope chronology for Australian deeply weathered profiles. <i>Australian Journal of Earth Sciences</i> , 1993, 40, 345-358.	0.4	71
409	Oxygen and Hydrogen Isotope Geochemistry of the Mourne Mountains Tertiary Granites, Northern Ireland. <i>Journal of Petrology</i> , 1993, 34, 1177-1202.	1.1	9
410	Firn-core study from the southern Patagonia ice cap, South America. <i>Journal of Glaciology</i> , 1993, 39, 249-254.	1.1	44

#	ARTICLE	IF	CITATIONS
411	Distribution of stable isotopes in surface snow along the route of the 1990 International Trans-Antarctica Expedition. <i>Journal of Glaciology</i> , 1994, 40, 107-118.	1.1	96
412	Climatic influence on the composition of snow cover at Austre Okstindbreen, Norway, 1989 and 1990. <i>Annals of Glaciology</i> , 1994, 19, 1-6.	2.8	9
413	Solar Forcing of Global Climate Change. International Astronomical Union Colloquium, 1994, 143, 301-314.	0.1	1
414	Holocene temperature variations inferred from Antarctic ice cores. <i>Annals of Glaciology</i> , 1994, 20, 427-436.	2.8	34
415	The character, structure and origin of the basal ice layer of a surge-type glacier. <i>Journal of Glaciology</i> , 1994, 40, 327-340.	1.1	73
416	Snow-accumulation rates and isotopic content ( $2\text{H}$ , $3\text{H}$ ) of near-surface firn from the Filchner-Ronne Ice Shelf, Antarctica. <i>Annals of Glaciology</i> , 1994, 20, 121-128.	2.8	4
417	The character, structure and origin of the basal ice layer of a surge-type glacier. <i>Journal of Glaciology</i> , 1994, 40, 327-340.	1.1	64
418	Stable isotope record of palaeoclimatic change in a British Holocene tufa. <i>Holocene</i> , 1994, 4, 349-355.	0.9	62
419	The Climatic Record from Antarctic Ice Now Extends Back to 220 kyr BP. , 1994, , 213-237.		2
420	A late Weichselian stable isotope and Molluscan Stratigraphy from Southern Sweden. <i>Gff</i> , 1994, 116, 235-248.	0.4	18
421	Labelling of precipitation by stable isotopes ( $18\text{O}$ , $2\text{H}$ ) over the Jos Plateau and the surrounding plains (north-central Nigeria). <i>Journal of African Earth Sciences</i> , 1994, 19, 91-98.	0.9	21
422	Ostracode carbonate $\delta^{18}\text{O}$ - and $\delta^{13}\text{C}$ -signature of hydrological and climatic changes affecting Lake Neuchâtel, Switzerland, since the latest Pleistocene. <i>Journal of Paleolimnology</i> , 1994, 11, 3-17.	0.8	76
423	A Late Weichselian stable isotope stratigraphy compared with biostratigraphical data: A case study from southern Sweden. <i>Journal of Quaternary Science</i> , 1994, 9, 13-31.	1.1	50
424	Meteoric diagenesis below a submerged platform: implications for $\delta^{13}\text{C}$ compositions prior to pre-vascular plant evolution, Middle Ordovician, Alabama, U.S.A.. <i>Sedimentary Geology</i> , 1994, 90, 95-111.	1.0	26
425	Two Creeks Interstade Dated through Dendrochronology and AMS. <i>Quaternary Research</i> , 1994, 42, 288-298.	1.0	43
426	Isotope palaeohydrology and the prediction of long-term repository behaviour. <i>Terra Nova</i> , 1994, 6, 20-36.	0.9	7
427	The retention of primary oxygen isotope compositions of fossil elephant skeletal phosphate. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 5291-5298.	1.6	175
428	Modeling and interpreting ratios in tree rings: A test case of white pine in the northeastern United States. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 851-862.	1.6	88



#	ARTICLE	IF	CITATIONS
429	Ice records of the past environment. <i>Science of the Total Environment</i> , 1994, 143, 17-30.	3.9	13
430	Modeling the isotopic composition of precipitation. <i>Journal of Geophysical Research</i> , 1994, 99, 10455.	3.3	80
431	A coral-based reconstruction of Intertropical Convergence Zone variability over Central America since 1707. <i>Journal of Geophysical Research</i> , 1994, 99, 9977.	3.3	185
432	Deuterium and oxygen 18 in precipitation: Isotopic model, including mixed cloud processes. <i>Journal of Geophysical Research</i> , 1994, 99, 16793.	3.3	230
433	Stable water isotope behavior during the last glacial maximum: A general circulation model analysis. <i>Journal of Geophysical Research</i> , 1994, 99, 25791.	3.3	150
434	Glacial-Interglacial Changes in Moisture Sources for Greenland: Influences on the Ice Core Record of Climate. <i>Science</i> , 1994, 263, 508-511.	6.0	215
435	Isotopic Composition of Old Ground Water from Lake Agassiz: Implications for Late Pleistocene Climate. <i>Science</i> , 1994, 266, 1975-1978.	6.0	126
436	Isotope hydrograph separations and rapid delivery of pre-event water from drainage basins. <i>Progress in Physical Geography</i> , 1994, 18, 16-41.	1.4	424
437	Hydrology of the Poverty Bay flats aquifers, New Zealand: recharge mechanisms, evolution of the isotopic composition of dissolved inorganic carbon, and ground-water ages. <i>Journal of Hydrology</i> , 1994, 158, 151-185.	2.3	8
438	The groundwater chemistry of the Lower Mersey Basin Permo-Triassic Sandstone Aquifer system, UK: 1980 and pre-industrialisation-urbanisation. <i>Journal of Hydrology</i> , 1994, 161, 287-325.	2.3	26
439	Groundwater residence time and palaeohydrology in the Otway Basin, South Australia: 2H, 18O and 14C data. <i>Journal of Hydrology</i> , 1994, 153, 157-187.	2.3	52
440	Continental hydrology and climatology of the Carboniferous Joggins Formation (lower Cumberland) Tj ETQq1 1 0.784314 rgBT /Overl Palaeoclimatology, Palaeoecology, 1994, 106, 307-321.	1.0	20
441	Oxygen isotopic composition of fossil horse tooth phosphate as a record of continental paleoclimate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994, 107, 303-316.	1.0	160
442	Oxygen isotopic composition of fossil equid tooth and bone phosphate: an archive of difficult interpretation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994, 107, 317-328.	1.0	77
443	The relationship of precipitation seasonality to the flora and stable isotope chemistry of soils in the Vizcaño desert, Baja California, México. <i>Journal of Arid Environments</i> , 1994, 28, 265-279.	1.2	31
444	The contribution of evaporation from the Great Lakes to the continental atmosphere: estimate based on stable isotope data. <i>Geophysical Research Letters</i> , 1994, 21, 557-560.	1.5	329
445	Stable isotopes of oxygen and hydrogen in the Truckee Riverâ€“Pyramid Lake surfaceâ€“water column. 1. Data analysis and extraction of paleoclimatic information. <i>Limnology and Oceanography</i> , 1994, 39, 344-355.	1.6	35
446	Spatial distribution of .DELTA.D-D.18O values of surface and shallow groundwaters from Japan, south Korea and east China.. <i>Geochemical Journal</i> , 1994, 28, 387-410.	0.5	118

#	ARTICLE	IF	CITATIONS
448	Correction Approaches for Doubly Labeled Water in Situations of Changing Background Water Abundance. <i>Obesity</i> , 1995, 3, 41-48.	4.0	5
449	Greenland palaeotemperatures derived from GRIP bore hole temperature and ice core isotope profiles. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 47, 624.	0.8	256
450	Imprint of meteoric water on the stable isotope compositions of igneous and secondary minerals, Kap Edvard Holm Complex, East Greenland. <i>Contributions To Mineralogy and Petrology</i> , 1995, 121, 74-86.	1.2	22
451	$\delta^{34}\text{S}$ , $\delta^{18}\text{O}$ , $\delta^2\text{H}$ in shallow groundwater: Tracing anthropogenic sulfate and accompanying ground water/rock interactions. <i>Water, Air, and Soil Pollution</i> , 1995, 79, 279-298.	1.1	19
452	Quantitative analysis of springs. <i>Environmental Geology</i> , 1995, 26, 111-120.	1.2	33
453	Influence of vegetation and soil CO <sub>2</sub> exchange on the concentration and stable oxygen isotope ratio of atmospheric CO <sub>2</sub> within a <i>Pinus resinosa</i> canopy. <i>Oecologia</i> , 1995, 101, 37-44.	0.9	34
454	Diagenesis of Barremian-Aptian platform carbonates (the Urganian Limestone Formation of SE France): near-surface and shallow-burial diagenesis. <i>Sedimentology</i> , 1995, 42, 853-874.	1.6	53
455	Cooling the tropics. <i>Nature</i> , 1995, 376, 212-213.	13.7	40
456	Relation between $\delta^{18}\text{O}$ in atmospheric precipitation and temperature and precipitation. <i>Chinese Geographical Science</i> , 1995, 5, 289-299.	1.2	1
457	An Oxygen-Isotope Paleothermometer from Ice in Siberian Permafrost. <i>Quaternary Research</i> , 1995, 43, 14-21.	1.0	35
458	The Eem Stable Isotope Record along the GRIP Ice Core and Its Interpretation. <i>Quaternary Research</i> , 1995, 43, 117-124.	1.0	95
459	High-Resolution Paleotemperature Proxy Record for the Last Interglaciation Based on Norwegian Speleothems. <i>Quaternary Research</i> , 1995, 43, 133-146.	1.0	107
460	Groundwater Isotopic Evidence for Paleorecharge in U.S. High Plains Aquifers. <i>Quaternary Research</i> , 1995, 43, 221-231.	1.0	51
461	Paleoclimatic Significance of the Stable Isotopic Composition and Petrology of a Late Pleistocene Stalagmite from Botswana. <i>Quaternary Research</i> , 1995, 43, 320-328.	1.0	85
462	Recent ice-core climate records from the Cordillera Blanca, Peru. <i>Annals of Glaciology</i> , 1995, 21, 225-230.	2.8	4
463	Glacio-meteorological and isotopic studies along the EGIG line, central Greenland. <i>Journal of Glaciology</i> , 1995, 41, 515-527.	1.1	7
465	Glacio-meteorological and isotopic studies along the EGIG line, central Greenland. <i>Journal of Glaciology</i> , 1995, 41, 515-527.	1.1	34
466	Recent ice-core climate records from the Cordillera Blanca, Peru. <i>Annals of Glaciology</i> , 1995, 21, 225-230.	2.8	11

#	ARTICLE	IF	CITATIONS
467	Stable Isotopes of Fresh and Saline Lakes. , 1995, , 139-165.		113
468	Isotopic and elemental hydrogeochemistry of a major river system: Fraser River, British Columbia, Canada. <i>Chemical Geology</i> , 1995, 122, 149-169.	1.4	104
469	A model of oxygen isotope fractionation in body water of large mammals. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4523-4537.	1.6	466
470	Isotopic evidence for the eolian origin of quartz and mica in soils developed on volcanic materials in the Canary Archipelago. <i>Geoderma</i> , 1995, 66, 313-320.	2.3	35
471	Hydrochemistry of the saline groundwaters of the lower Mersey Basin Permo-Triassic sandstone aquifer, UK. <i>Journal of Hydrology</i> , 1995, 165, 45-84.	2.3	79
472	Isotopic composition of precipitation in central Iowa. <i>Journal of Hydrology</i> , 1995, 172, 185-207.	2.3	67
473	Aridity of the Mediterranean Sea at the Last Glacial Maximum: A reinterpretation of the $\delta^{18}O$ record. <i>Paleoceanography</i> , 1995, 10, 283-290.	3.0	25
474	Relation of $Na^+$ concentration and $\delta^{18}O$ in winter precipitation with weather conditions. <i>Geophysical Research Letters</i> , 1995, 22, 591-594.	1.5	15
475	Multifractal analysis of the Greenland Ice Core Project climate data. <i>Geophysical Research Letters</i> , 1995, 22, 1689-1692.	1.5	79
476	Climatic temperature records in $\delta^{18}O$ data from tree rings. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 3029-3037.	1.6	52
477	Earth surface evaporative process: A case study from the Great Lakes region of the United States based on deuterium excess in precipitation. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4279-4283.	1.6	87
478	Hydrogen isotope fractionation in wood-producing avocado seedlings: Biological constraints to paleoclimatic interpretations of $\delta^{18}O$ values in tree ring cellulose nitrate. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 5199-5207.	1.6	53
479	Climate Records Covering the Last Deglaciation. <i>Science</i> , 1995, 269, 210-214.	6.0	262
480	Late Glacial Climate Record of Midwestern United States from the Hydrogen Isotope Ratio of Lake Organic Matter. <i>Science</i> , 1995, 269, 1565-1567.	6.0	49
481	Palaeoclimatological reconstruction using stable isotope data on continental molluscs from Valle di Castiglione, Roma, Italy. <i>Holocene</i> , 1995, 5, 461-469.	0.9	29
482	Sour gas and water chemistry of the Bridport Sands reservoir, Wytch Farm, UK. <i>Geological Society Special Publication</i> , 1995, 86, 303-314.	0.8	12
483	Historical reconstruction of the earth's past atmospheric environment from Greenland and Antarctic snow and ice cores. <i>Environmental Reviews</i> , 1995, 3, 1-28.	2.1	69
484	Aus der Kindheit der Isotopenhydrologie. <i>Isotopes in Environmental and Health Studies</i> , 1995, 31, 3-13.	0.5	0

#	ARTICLE	IF	CITATIONS
485	The origin of present-day Antarctic precipitation from surface snow deuterium excess data. <i>Journal of Geophysical Research</i> , 1995, 100, 18917.	3.3	63
486	Seasonal- to decadal-scale climatic variability in southwest Florida during the Middle Pliocene: Inferences from a coralline stable isotope record. <i>Paleoceanography</i> , 1995, 10, 429-443.	3.0	38
487	An Isotopic Study ( $2\text{H}$ and $18\text{O}$ ) of Water Movements in Clayey Soils Under a Semiarid Climate. <i>Water Resources Research</i> , 1996, 32, 779-789.	1.7	54
488	Stable isotope composition of skeletal carbonates from living Antarctic marine invertebrates. <i>Lethaia</i> , 1996, 29, 203-212.	0.6	17
489	The shells of <i>Etheria elliptica</i> as recorders of seasonality at Lake Victoria. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 119, 215-219.	1.0	20
490	Stable carbon and oxygen isotopes of pedogenic carbonates, Ajo Mountains, southern Arizona: implications for paleoenvironmental change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 124, 233-246.	1.0	88
491	Carbonate deposition, Pyramid Lake Subbasin, Nevada: 4. Comparison of the stable isotope values of carbonate deposits (tufas) and the Lahontan lake-level record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 122, 45-76.	1.0	72
492	Isotope hydrology of voluminous cold springs in fractured rock from an active volcanic region, northeastern California. <i>Journal of Hydrology</i> , 1996, 179, 207-236.	2.3	86
493	Groundwater recharge in the Victoria Nile basin of east Africa: support for the soil moisture balance approach using stable isotope tracers and flow modelling. <i>Journal of Hydrology</i> , 1996, 180, 31-53.	2.3	95
494	Using stable isotopes to determine sources of evaporated water to the atmosphere in the Amazon basin. <i>Journal of Hydrology</i> , 1996, 183, 191-204.	2.3	90
495	Stable isotope geochemistry of bentonites from the island of Milos (Greece). <i>Chemical Geology</i> , 1996, 129, 101-113.	1.4	12
496	Oxygen isotopes in cellulose from modern and quaternary intertropical peatbogs: implications for palaeohydrology. <i>Chemical Geology</i> , 1996, 129, 341-359.	1.4	40
497	Use of Precipitation and Groundwater Isotopes to Interpret Regional Hydrology on a Tropical Volcanic Island: Kilauea Volcano Area, Hawaii. <i>Water Resources Research</i> , 1996, 32, 3525-3537.	1.7	121
498	Low stable isotope ratios of tropical cyclone rains. <i>Geophysical Research Letters</i> , 1996, 23, 527-530.	1.5	200
499	Oxygen isotopic identity of the Delaware Coastal Current. <i>Journal of Geophysical Research</i> , 1996, 101, 16509-16514.	3.3	13
500	A reconsideration of the initial conditions used for stable water isotope models. <i>Journal of Geophysical Research</i> , 1996, 101, 22933-22938.	3.3	74
501	Climatic interpretation of the recently extended Vostok ice records. <i>Climate Dynamics</i> , 1996, 12, 513-521.	1.7	149
502	A global analysis of root distributions for terrestrial biomes. <i>Oecologia</i> , 1996, 108, 389-411.	0.9	2,353

#	ARTICLE	IF	CITATIONS
503	Isotopic tracing of the source water for Cedar Bog in west-central Ohio, USA. <i>Journal of Hydrology</i> , 1996, 186, 31-42.	2.3	9
504	A 200 year mid-European air temperature record preserved in lake sediments: An extension of the $\delta^{18}O$ -air temperature relation into the past. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 4025-4036.	1.6	128
505	Predicting animal $\delta^{18}O$ : Accounting for diet and physiological adaptation. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 4811-4829.	1.6	565
506	Isotope geochemistry of Upper Permian early diagenetic calcite concretions: Implications for Late Permian waters and surface temperatures in continental Gondwana. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 125, 51-73.	1.0	16
507	The isotopic composition and diagenesis of human bone from Teotihuacan and Oaxaca, Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 126, 1-14.	1.0	68
508	ratios of cave bear tooth enamel: a record of climate variability during the Pleistocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 126, 45-59.	1.0	28
509	Inter- and intra-tooth variation in the oxygen isotope composition of mammalian tooth enamel phosphate: implications for palaeoclimatological and palaeobiological research. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 126, 91-99.	1.0	384
510	Dinosaur bones: fossils or pseudomorphs? The pitfalls of physiology reconstruction from apatitic fossils. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 126, 161-171.	1.0	171
511	A stable isotope study of cave seepage waters. <i>Applied Geochemistry</i> , 1996, 11, 583-587.	1.4	48
512	OXYGEN AND HYDROGEN ISOTOPES IN THE HYDROLOGIC CYCLE. <i>Annual Review of Earth and Planetary Sciences</i> , 1996, 24, 225-262.	4.6	1,844
513	Subtropical Eastern Atlantic climate during the Eemian. <i>Die Naturwissenschaften</i> , 1996, 83, 122-126.	0.6	24
514	Determining water use by trees and forests from isotopic, energy balance and transpiration analyses: the roles of tree size and hydraulic lift. <i>Tree Physiology</i> , 1996, 16, 263-272.	1.4	348
515	Origin of Cretaceous and Oligocene Kaolinities from the Iwaizumi Clay Deposit, Iwate, Northeastern Japan. <i>Clays and Clay Minerals</i> , 1996, 44, 408-416.	0.6	25
516	Isotopic evidence for the origin of sulphate in coastal rain. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 48, 44.	0.8	38
517	Interactions between $2H$ and $18O$ natural abundance variations and DLW measurements of energy expenditure. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1996, 271, E302-E308.	1.8	6
518	The geochemistry of Lake Bosumtwi, a hydrologically closed basin in the humid zone of tropical Ghana. <i>Limnology and Oceanography</i> , 1996, 41, 1415-1424.	1.6	23
519	Pleistocene ice at the bottom of the Vavilov ice cap, Severnaya Zemlya, Russian Arctic. <i>Journal of Glaciology</i> , 1996, 42, 403-406.	1.1	16
520	Isotopic measurements of precipitation on central Asian glaciers (southeastern Tibet, northern)	Tj ETQq1 1 0.784314 3.3	10 85

#	ARTICLE	IF	CITATIONS
521	Global monitoring of the isotopic composition of precipitation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1996, 205, 189-200.	0.7	37
522	Title is missing!. <i>Journal of Paleolimnology</i> , 1996, 17, 421-435.	0.8	24
523	Influence of Changing Atmospheric Circulation on Precipitation $\delta^{18}O$ Temperature Relations in Canada during the Holocene. <i>Quaternary Research</i> , 1996, 46, 211-218.	1.0	138
524	Tracing water uptake by jarrah ( <i>Eucalyptus marginata</i> ) trees using natural abundances of deuterium. <i>Trees - Structure and Function</i> , 1996, 11, 9-15.	0.9	17
525	Cave Deposits and Past Climates. , 0, , 188-202.		0
526	Evidence of Younger Dryas and Neoglacial cooling in a Late Quaternary palaeotemperature record from a speleothem in eastern Victoria, Australia. <i>Journal of Quaternary Science</i> , 1996, 11, 1-7.	1.1	29
527	Two-phase diagenetic alteration of carbonate matrix: Middle Ordovician limestones, Taiyuan City area, China. <i>Sedimentary Geology</i> , 1996, 106, 177-191.	1.0	4
528	Étude critique de la mesure de la densité optique par la méthode à l'eau doublement marquée. <i>Nutrition Clinique Et Metabolisme</i> , 1996, 10, 77-88.	0.2	2
529	Climatic trends from isotopic records of tree rings: The past 100?200 years. <i>Climatic Change</i> , 1996, 33, 551-562.	1.7	18
530	El Nino and tree growth near Jerusalem over the last 20 years. <i>Global Change Biology</i> , 1996, 2, 97-101.	4.2	33
532	Stable carbon and oxygen isotopic composition of early-Holocene gastropods from Wadi Mansurab, north-central Sudan. <i>Holocene</i> , 1996, 6, 157-169.	0.9	48
533	Reconstruction of past climates from stable isotope records of palaeo-precipitation preserved in continental archives. <i>Hydrological Sciences Journal</i> , 1997, 42, 725-745.	1.2	83
534	Interdisciplinary investigations of the end of the Norse Western Settlement in Greenland. <i>Holocene</i> , 1997, 7, 489-499.	0.9	153
535	Character of rapid vegetation and climate change during the late-glacial in southernmost South America. , 1997, , 81-90.		9
536	Tectonic fingerprints in siderite cement, Tirrawarra Sandstone, southern Cooper Basin, Australia. <i>Geological Magazine</i> , 1997, 134, 99-112.	0.9	1
537	$\delta^{18}O$ of tree rings of beech ( <i>Fagus silvatica</i> ) as a record of $\delta^{18}O$ of the growing season precipitation. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 49, 80.	0.8	66
538	Isotope Specific Kinetics of Hydroxyl Radical (OH) with Water (H <sub>2</sub> O): Testing Models of Reactivity and Atmospheric Fractionation. <i>Journal of Physical Chemistry A</i> , 1997, 101, 1494-1500.	1.1	144
539	The climate signal in the stable isotopes of snow from Summit, Greenland: Results of comparisons with modern climate observations. <i>Journal of Geophysical Research</i> , 1997, 102, 26425-26439.	3.3	139

#	ARTICLE	IF	CITATIONS
540	The $\delta^{18}O$ record along the Greenland Ice Core Project deep ice core and the problem of possible Eemian climatic instability. <i>Journal of Geophysical Research</i> , 1997, 102, 26397-26410.	3.3	429
541	The Greenland Ice Sheet Project 2 depth-age scale: Methods and results. <i>Journal of Geophysical Research</i> , 1997, 102, 26411-26423.	3.3	431
542	Validity of the temperature reconstruction from water isotopes in ice cores. <i>Journal of Geophysical Research</i> , 1997, 102, 26471-26487.	3.3	524
543	Age scale of the air in the summit ice: Implication for glacial-interglacial temperature change. <i>Journal of Geophysical Research</i> , 1997, 102, 19483-19493.	3.3	191
544	Regional isotope effects and application to hydrologic investigations in southwestern California. <i>Water Resources Research</i> , 1997, 33, 1721-1729.	1.7	55
545	A tracer study of the Floridan Aquifer in southeastern Georgia: Implications for groundwater flow and paleoclimate. <i>Water Resources Research</i> , 1997, 33, 281-289.	1.7	57
546	Mountain glaciers: Recorders of atmospheric water vapor content?. <i>Global Biogeochemical Cycles</i> , 1997, 11, 589-597.	1.9	68
547	Climatic Change at High Elevation Sites. , 1997, , .		19
548	Deuterium and oxygen-18 in present-day precipitation: data and modelling. <i>Hydrological Sciences Journal</i> , 1997, 42, 747-763.	1.2	97
549	Water isotope modeling in the Asian monsoon region. <i>Quaternary International</i> , 1997, 37, 115-128.	0.7	115
550	Laser oxygen isotope analysis of weathering goethite from the lateritic profile of Yaou, French Guiana: paleoweathering and paleoclimatic implications. <i>Applied Geochemistry</i> , 1997, 12, 163-174.	1.4	43
551	Isotopic evidence for palaeowaters in the British Isles. <i>Applied Geochemistry</i> , 1997, 12, 813-829.	1.4	95
552	Isotopic and noble gas study of Chalk groundwater in the London Basin, England. <i>Applied Geochemistry</i> , 1997, 12, 763-773.	1.4	27
553	Water salinization in arid regions—observations from the Negev desert, Israel. <i>Journal of Hydrology</i> , 1997, 196, 271-296.	2.3	82
554	Sources of water used by trees and millet in Sahelian windbreak systems. <i>Journal of Hydrology</i> , 1997, 198, 140-153.	2.3	67
555	Hydrograph separation using stable isotopes, silica and electrical conductivity: an alpine example. <i>Journal of Hydrology</i> , 1997, 201, 82-101.	2.3	116
556	Stable isotope tracers: natural and anthropogenic recharge, Orange County, California. <i>Journal of Hydrology</i> , 1997, 201, 230-248.	2.3	39
557	Oxygen isotope evidence of climate change from pedogenic clay minerals in the Himalayan molasse. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 731-744.	1.6	108

#	ARTICLE	IF	CITATIONS
558	Oxygen isotopic determination of climatic variation using phosphate from beaver bone, tooth enamel, and dentine. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 2539-2550.	1.6	100
559	Geochemistry of formation waters in the Pannonian Basin (southeast Hungary). <i>Chemical Geology</i> , 1997, 140, 89-106.	1.4	29
560	A stable isotope study of fossil mammal remains from the Paglicci cave, southern Italy, 13 to 33 ka BP: palaeoclimatological considerations. <i>Chemical Geology</i> , 1997, 141, 211-223.	1.4	31
561	Geochemistry of a dry steam geothermal zone formed during rapid uplift of Nanga Parbat, northern Pakistan. <i>Chemical Geology</i> , 1997, 142, 11-22.	1.4	23
562	A paleoclimate interpretation derived from pedogenic clay minerals from the Piedmont Province, Virginia. <i>Chemical Geology</i> , 1997, 142, 201-211.	1.4	20
563	Stable isotope compositions of waters and sulfate species therein, Death Valley, California, USA: Implications for inflow and sulfate sources, and arid basin climate. <i>Earth and Planetary Science Letters</i> , 1997, 147, 69-82.	1.8	25
564	Ordovician oxygen isotopes and paleotemperatures. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1997, 129, 269-290.	1.0	18
565	The stable isotope record of environmental and climatic signals in modern terrestrial microbial carbonates from Europe. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1997, 129, 171-189.	1.0	195
566	The nutrient, salinity, and stable oxygen isotope composition of Bering and Chukchi Seas waters in and near the Bering Strait. <i>Journal of Geophysical Research</i> , 1997, 102, 12563-12573.	3.3	157
567	Calibrating the ice core paleothermometer using seasonality. <i>Journal of Geophysical Research</i> , 1997, 102, 9351-9357.	3.3	84
568	Glaciochemistry of polar ice cores: A review. <i>Reviews of Geophysics</i> , 1997, 35, 219-243.	9.0	569
569	The basal ice layer of glaciers and ice sheets. <i>Quaternary Science Reviews</i> , 1997, 16, 975-993.	1.4	135
570	Temporal variations of the CO <sub>2</sub> concentration and its carbon and oxygen isotopic ratios in a temperate forest in the central part of the main island of Japan. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 49, 364.	0.8	9
571	Adaptation of the doubly labeled water method for subjects consuming isotopically enriched water. <i>Journal of Applied Physiology</i> , 1997, 82, 563-570.	1.2	28
572	Two Decades of Environmental Isotope Records in Croatia: Reconstruction of the Past and Prediction of Future Levels. <i>Radiocarbon</i> , 1997, 40, 399-416.	0.8	40
573	Preliminary isotopic and palaeomagnetic evidence for Younger Dryas and Holocene climate evolution in NE Asia. <i>Terra Nova</i> , 1997, 9, 246-250.	0.9	8
574	Use of Chemical and Isotopic Tracers to Characterize the Interactions Between Ground Water and Surface Water in Mantled Karst. <i>Ground Water</i> , 1997, 35, 1014-1028.	0.7	216
575	Paleosol Stable Isotope Evidence for Early Hominid Occupation of East Asian Temperate Environments. <i>Quaternary Research</i> , 1997, 48, 228-238.	1.0	64



#	ARTICLE	IF	CITATIONS
576	ISOTOPE RECORDS FROM MONGOLIAN AND ALPINE ICE CORES AS CLIMATE INDICATORS. <i>Climatic Change</i> , 1997, 36, 519-530.	1.7	68
577	Title is missing!. <i>Journal of Paleolimnology</i> , 1997, 17, 101-130.	0.8	11
578	Title is missing!. <i>Journal of Paleolimnology</i> , 1997, 18, 283-291.	0.8	19
579	The use of isotope tracers for identifying populations of migratory birds. <i>Oecologia</i> , 1997, 109, 132-141.	0.9	397
580	Stable-isotopes of groundwaters from the Albuquerque, New Mexico, basin: one decade later. <i>Environmental Geology</i> , 1997, 31, 199-204.	1.2	1
581	Variation of $\delta^{18}O/dT$ in precipitation in the Qinghai-Xizang Plateau. <i>Chinese Geographical Science</i> , 1997, 7, 339-346.	1.2	7
582	Burial diagenesis of middle Ordovician carbonate buildups (Alabama, USA): documentation of the dominance of shallow burial conditions. <i>Sedimentary Geology</i> , 1997, 114, 223-236.	1.0	3
583	Title is missing!. <i>Plant and Soil</i> , 1998, 205, 13-24.	1.8	78
584	Late Pleistocene C4Plant Dominance and Summer Rainfall in the Southwestern United States from Isotopic Study of Herbivore Teeth. <i>Quaternary Research</i> , 1998, 50, 179-193.	1.0	107
585	U-Series Chronology of Lacustrine Deposits in Death Valley, California. <i>Quaternary Research</i> , 1998, 50, 261-275.	1.0	94
586	Do Stable Isotope Data from Calcrete Record Late Pleistocene Monsoonal Climate Variation in the Thar Desert of India?. <i>Quaternary Research</i> , 1998, 50, 240-251.	1.0	118
587	PALAEOCLIMATIC IDENTIFICATION BASED ON AN ISOTOPE STUDY OF TRAVERTINE FROM THE COPPER AGE SITE AT LOS MILLARES, SOUTH-EASTERN SPAIN. <i>Archaeometry</i> , 1998, 40, 177-185.	0.6	2
588	Topographical effects on the distributions of rainfall and $\delta^{18}O$ distributions: a case in Miyake Island, Japan. <i>Hydrological Processes</i> , 1998, 12, 673-682.	1.1	8
589	Differential water resource use by herbaceous and woody plant life-forms in a shortgrass steppe community. <i>Oecologia</i> , 1998, 117, 504-512.	0.9	176
590	Distribution of stable isotopes in arid storms. <i>Hydrogeology Journal</i> , 1998, 6, 50-65.	0.9	7
591	Preliminary study on climatic signals of stable isotopes from Holocene speleothems under monsoon condition. <i>Science Bulletin</i> , 1998, 43, 506-509.	1.7	7
592	Applications of interannual-resolution stable isotope records of speleothem: Climatic changes in Beijing and Tianjin, China during the past 500 years—the $\delta^{18}O$ record. <i>Science in China Series D: Earth Sciences</i> , 1998, 41, 362-368.	0.9	43
593	Residence time of Chalk groundwaters in the Paris Basin and the North German Basin: a geochemical approach. <i>Applied Geochemistry</i> , 1998, 13, 593-606.	1.4	61

#	ARTICLE	IF	CITATIONS
594	Rare earth elements, yttrium and H, O, C, Sr, Nd and Pb isotope studies in mineral waters and corresponding rocks from NW-Bohemia, Czech Republic. <i>Applied Geochemistry</i> , 1998, 13, 975-994.	1.4	33
595	North American continental seasonality during the last millennium: high-resolution analysis of sagittal otoliths. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 138, 271-303.	1.0	56
596	Rainfall-recharge relationships within a karstic terrain in the Eastern Mediterranean semi-arid region, Israel: $\delta^{18}\text{O}$ and $\delta^2\text{H}$ characteristics. <i>Journal of Hydrology</i> , 1998, 207, 18-31.	2.3	179
597	Changes in the isotopic and chemical composition of ground water resulting from a recharge pulse from a sinking stream. <i>Journal of Hydrology</i> , 1998, 211, 178-207.	2.3	64
598	Intra-tooth variations in $\delta^{18}\text{O}$ (PO <sub>4</sub> ) of mammalian tooth enamel as a record of seasonal variations in continental climate variables. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 1839-1850.	1.6	224
599	Paleoenvironmental interpretations of oxygen isotope ratios in oolitic ironstones. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 2409-2420.	1.6	35
600	Stable carbon and oxygen isotopes in Quaternary soil carbonates as indicators of ecogeomorphic changes in the northern Chihuahuan Desert, USA. <i>Geoderma</i> , 1998, 82, 137-172.	2.3	94
601	The hydrogen and oxygen isotope geochemistry of pedogenic clay minerals: principles and theoretical background. <i>Geoderma</i> , 1998, 82, 227-253.	2.3	87
602	Aeolian contribution to strontium and strontium isotope variations in a Tasmanian speleothem. <i>Chemical Geology</i> , 1998, 149, 37-50.	1.4	95
603	Variability in oxygen isotope compositions of herbivore teeth: reflections of seasonality or developmental physiology?. <i>Chemical Geology</i> , 1998, 152, 97-112.	1.4	182
604	The isotopic ecology of late Pleistocene mammals in North America. <i>Chemical Geology</i> , 1998, 152, 119-138.	1.4	200
605	Evidence for rapid climate change in North America during the latest Paleocene thermal maximum: oxygen isotope compositions of biogenic phosphate from the Bighorn Basin (Wyoming). <i>Earth and Planetary Science Letters</i> , 1998, 160, 193-208.	1.8	215
606	Noble gases, stable isotopes, and radiocarbon as tracers of flow in the Dakota aquifer, Colorado and Kansas. <i>Journal of Hydrology</i> , 1998, 211, 151-167.	2.3	55
607	Paleosalinity and $\delta^{18}\text{O}$ : A critical assessment. <i>Journal of Geophysical Research</i> , 1998, 103, 1307-1318.	3.3	156
608	Ice core age dating and paleothermometer calibration based on isotope and temperature profiles from deep boreholes at Vostok Station (East Antarctica). <i>Journal of Geophysical Research</i> , 1998, 103, 8963-8977.	3.3	96
609	Stable isotope ratios of rain and vapor in 1995 hurricanes. <i>Journal of Geophysical Research</i> , 1998, 103, 11381-11400.	3.3	59
610	Deuterium excess in Greenland snow: Analysis with simple and complex models. <i>Journal of Geophysical Research</i> , 1998, 103, 8947-8953.	3.3	56
611	Water isotope module of the ECHAM atmospheric general circulation model: A study on timescales from days to several years. <i>Journal of Geophysical Research</i> , 1998, 103, 16871-16896.	3.3	324

#	ARTICLE	IF	CITATIONS
612	Atmospheric circulation variability associated with shallow-core seasonal isotopic extremes near Summit, Greenland. <i>Journal of Geophysical Research</i> , 1998, 103, 11205-11219.	3.3	34
613	Stable isotope composition of precipitation over southeast Asia. <i>Journal of Geophysical Research</i> , 1998, 103, 28721-28742.	3.3	697
614	Tropical Atlantic seasonal dynamics in the Early Middle Eocene from stable oxygen and carbon isotope profiles of mollusk shells. <i>Paleoceanography</i> , 1998, 13, 183-192.	3.0	46
615	Fundamentals of Small Catchment Hydrology. , 1998, , 1-49.		41
616	Fundamentals of Isotope Geochemistry. , 1998, , 51-86.		220
617	Isotopic Variations in Precipitation. , 1998, , 87-118.		101
618	Isotopic Fractionation in Snow Cover. , 1998, , 119-136.		40
619	Isotopic Exchange in Soil Water. , 1998, , 137-163.		52
620	Isotopes as Indicators of Environmental Change. , 1998, , 761-816.		12
621	CLIMATE: Warmer and Wetter 6000 Years Ago?. <i>Science</i> , 1998, 279, 1003-1004.	6.0	6
622	Abrupt Climate Oscillations During the Last Deglaciation in Central North America. <i>Science</i> , 1998, 282, 2235-2238.	6.0	147
623	ISOTOPIC RECONSTRUCTION OF PAST CONTINENTAL ENVIRONMENTS. <i>Annual Review of Earth and Planetary Sciences</i> , 1998, 26, 573-613.	4.6	455
624	Isotopic Approaches to Understanding the Terrestrial-to-Marine Transition of the Earliest Cetaceans. , 1998, , 399-422.		51
625	The mechanism of soil water movement as inferred from <sup>18</sup> O stable isotope studies. <i>Hydrological Sciences Journal</i> , 1998, 43, 579-594.	1.2	63
626	Global variations in the deuterium/hydrogen isotope ratios of wine. <i>Journal of Wine Research</i> , 1998, 9, 155-166.	0.9	6
627	Intra-interglacial cold events: an Eemian-Holocene comparison. <i>Geological Society Special Publication</i> , 1998, 131, 91-99.	0.8	14
628	70 years of northern Victoria Land (Antarctica) accumulation rate. <i>Annals of Glaciology</i> , 1998, 27, 215-219.	2.8	11
629	Spatial variability of snow chemistry in western Dronning Maud Land, Antarctica. <i>Annals of Glaciology</i> , 1998, 27, 378-384.	2.8	29

#	ARTICLE	IF	CITATIONS
630	Implications for the interpretation of ice-core isotope data from analysis of modelled Antarctic precipitation. <i>Annals of Glaciology</i> , 1998, 27, 398-402.	2.8	38
631	Chemical and isotopic profiles from snow pits and shallow firn cores on Campbell Glacier, northern Victoria Land, Antarctica. <i>Annals of Glaciology</i> , 1998, 27, 679-684.	2.8	17
632	Environmental information from stable isotopes in tree rings of <i>Fagus sylvatica</i> . , 1998, , 241-253.		4
633	Isotopic diffusion in polar firn: implications for interpretation of seasonal climate parameters in ice-core records, with emphasis on central Greenland. <i>Journal of Glaciology</i> , 1998, 44, 273-284.	1.1	69
634	Temperature history and accumulation timing for the snowpack at GISP2, central Greenland. <i>Journal of Glaciology</i> , 1998, 44, 21-30.	1.1	9
635	Isotopic diffusion in polar firn: implications for interpretation of seasonal climate parameters in ice-core records, with emphasis on central Greenland. <i>Journal of Glaciology</i> , 1998, 44, 273-284.	1.1	57
637	An early Eocene cool period? Evidence for continental cooling during the warmest part of the Cenozoic. , 1999, , 197-238.		38
638	Effects of seasonal variability of accumulation on yearly mean $\delta^{18}\text{O}$ values in Antarctic snow. <i>Journal of Glaciology</i> , 1999, 45, 463-468.	1.1	50
640	Supergene Origin of the Lastarria Kaolin Deposit, South-Central Chile, and Paleoclimatic Implications. <i>Clays and Clay Minerals</i> , 1999, 47, 201-211.	0.6	17
641	Climatological significance of $\delta^{18}\text{O}$ in precipitation and ice cores: a case study at the head of the Aër¼mqi river, Tien Shan, China. <i>Journal of Glaciology</i> , 1999, 45, 517-523.	1.1	0
642	Climatological significance of $\delta^{18}\text{O}$ in precipitation and ice cores: a case study at the head of the Aër¼mqi river, Tien Shan, China. <i>Journal of Glaciology</i> , 1999, 45, 517-523.	1.1	15
643	Mountains and Eocene climate. , 1999, , 161-196.		3
644	Calibration of the speleothem delta function: an absolute temperature record for the Holocene in northern Norway. <i>Holocene</i> , 1999, 9, 659-669.	0.9	181
645	A 3000-year high-resolution stalagmitebased record of palaeoclimate for northeastern South Africa. <i>Holocene</i> , 1999, 9, 295-309.	0.9	172
646	Speleothems and climate: a special issue of <i>The Holocene</i> . <i>Holocene</i> , 1999, 9, 643-647.	0.9	72
647	Ostracod stable isotope records from a deglacial isolation sequence in southern Sweden. <i>Boreas</i> , 1999, 28, 564-574.	1.2	10
648	A Holocene millennial-scale climatic cycle from a speleothem in Nahal Qanah Cave, Israel. <i>Holocene</i> , 1999, 9, 677-682.	0.9	67
649	Deuterium as Natural Tracer in Groundwater from Neighbouring Area of Danube Delta Biosphere Reserve. <i>Isotopes in Environmental and Health Studies</i> , 1999, 35, 183-211.	0.5	2

#	ARTICLE	IF	CITATIONS
650	Palaeoclimatic interpretation of stable isotope data from Holocene speleothems of the Waitomo district, North Island, New Zealand. <i>Holocene</i> , 1999, 9, 649-657.	0.9	30
651	Holocene Climate Optimum and Last Glacial Maximum in the Mediterranean: the marine oxygen isotope record. <i>Marine Geology</i> , 1999, 153, 57-75.	0.9	89
652	Intramolecular deuterium distributions reveal disequilibrium of chloroplast phosphoglucose isomerase. <i>Plant, Cell and Environment</i> , 1999, 22, 525-533.	2.8	77
653	Glacial-interglacial changes in ocean surface conditions in the Southern Hemisphere. <i>Nature</i> , 1999, 398, 410-413.	13.7	241
654	Continental Oxygen Isotopic Record of the Last 170,000 Years in Jerusalem. <i>Quaternary Research</i> , 1999, 51, 317-327.	1.0	189
655	Tree-Ring $\delta D$ as an Indicator of Asian Monsoon Intensity. <i>Quaternary Research</i> , 1999, 51, 262-266.	1.0	44
656	Integrating Stalagmite, Vertebrate, and Pollen Sequences to Investigate Holocene Vegetation and Climate Change in the Southern Midwestern United States. <i>Quaternary Research</i> , 1999, 52, 381-387.	1.0	31
657	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 22, 187-204.	0.8	72
658	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 97-106.	0.8	80
659	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 325-343.	0.8	60
660	Contaminant migration at two low-level radioactive waste sites in arid western United States - A review. <i>Environmental Geology</i> , 1999, 37, 112-123.	1.2	3
661	Summer monsoon and dust signals recorded in the Dasuopu firn core, central Himalayas. <i>Science Bulletin</i> , 1999, 44, 2010-2015.	1.7	10
662	Tracing origins and migration of wildlife using stable isotopes: a review. <i>Oecologia</i> , 1999, 120, 314-326.	0.9	1,417
663	Hydrogen and oxygen isotope ratios of tree-ring cellulose for riparian trees grown long-term under hydroponically controlled environments. <i>Oecologia</i> , 1999, 121, 467-477.	0.9	130
664	Experimental calibration and field investigation of the oxygen isotopic fractionation between biogenic aragonite and water. , 1999, 13, 1242-1247.		49
665	Solute generation and transfer from a chemically reactive alpine glacial-proglacial system. <i>Earth Surface Processes and Landforms</i> , 1999, 24, 1189-1211.	1.2	60
666	Stable isotopes in precipitation in the volcanic island of Cheju, Korea. <i>Hydrological Processes</i> , 1999, 13, 113-121.	1.1	6
667	Climate and environment during the Younger Dryas (GS-1) as reflected by composite stable isotope records of lacustrine carbonates at Torreberga, southern Sweden. <i>Journal of Quaternary Science</i> , 1999, 14, 17-28.	1.1	63

#	ARTICLE	IF	CITATIONS
668	Modeling groundwater recharge and flow in an upland fractured bedrock aquifer. <i>System Dynamics Review</i> , 1999, 15, 163-184.	1.1	15
669	BIOGEOCHEMISTRY:Enhanced: You Are What You Eat. <i>Science</i> , 1999, 283, 335-336.	6.0	99
670	Subtropical North Atlantic Temperatures 60,000&nbsp;to 30,000&nbsp;Years Ago. <i>Science</i> , 1999, 286, 756-759.	6.0	176
671	Hydrochemical trends, palaeorecharge and groundwater ages in the fissured Chalk aquifer of the London and Berkshire Basins, UK. <i>Applied Geochemistry</i> , 1999, 14, 333-363.	1.4	76
672	Isotopic composition and origin of the precipitation in Northern Chile. <i>Applied Geochemistry</i> , 1999, 14, 411-422.	1.4	152
673	Separation of groundwater-flow components in a karstified aquifer using environmental tracers. <i>Applied Geochemistry</i> , 1999, 14, 1001-1014.	1.4	20
674	Hydrogeochemical conditions and evolution at the Å,spÅ¶ HRL, Sweden. <i>Applied Geochemistry</i> , 1999, 14, 835-859.	1.4	92
675	Origin and residence time of salinity in the Å,spÅ¶ groundwater system. <i>Applied Geochemistry</i> , 1999, 14, 917-925.	1.4	71
676	The genesis of the stable isotope (O, H) record in arc magmas: the Kamtchatka's case. <i>Chemical Geology</i> , 1999, 153, 93-124.	1.4	39
677	Hydrogeochemistry in two adjacent areas in the Pannonian Basin (Southeast-Hungary). <i>Chemical Geology</i> , 1999, 156, 25-39.	1.4	23
678	A 15,000-year stable isotope record from sediments of Lake Steisslingen, Southwest Germany. <i>Chemical Geology</i> , 1999, 161, 315-337.	1.4	89
679	The correlation between 18O/16O ratios of meteoric water and surface temperature: its use in investigating terrestrial climate change over geologic time. <i>Earth and Planetary Science Letters</i> , 1999, 170, 181-196.	1.8	295
680	Paleoclimatic significance of $\delta D$ and $\delta^{13}C$ values in piÅ±on pine needles from packrat middens spanning the last 40,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 147, 53-72.	1.0	39
681	Ordovician meteoric carbon and oxygen isotopic values: implications for the latitudinal variations of ancient stable isotopic values. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 150, 331-342.	1.0	11
682	A late Holocene climate record from a stalagmite, Cold Air Cave, Northern Province, South Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 150, 269-277.	1.0	32
683	Geochemical evidence for lacustrine microbial blooms in the vast Permian Main Karoo, ParanÅ¶i, Falkland Islands and Huab basins of southwestern Gondwana. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 152, 189-213.	1.0	105
684	$\delta D$ and $\delta^{18}O$ evidence for inputs to groundwater at a wetland coastal boundary in the southern Great Lakes region of Canada. <i>Journal of Hydrology</i> , 1999, 214, 18-31.	2.3	38
685	The influence of tectonic setting on the hydrological characteristics of deeply weathered terrains: evidence from Uganda. <i>Journal of Hydrology</i> , 1999, 218, 44-71.	2.3	47

#	ARTICLE	IF	CITATIONS
686	Variations of the stable isotopic compositions of rainfall events from the Cameroon rain forest, Central Africa. <i>Journal of Hydrology</i> , 1999, 223, 17-26.	2.3	68
687	Isotope hydrology of southern Nevada groundwater: Stable isotopes and radiocarbon. <i>Water Resources Research</i> , 1999, 35, 279-294.	1.7	69
688	Relationships between $\delta^{18}\text{O}$ in precipitation and surface air temperature in the Urumqi River Basin, East Tianshan Mountains, China. <i>Geophysical Research Letters</i> , 1999, 26, 3473-3476.	1.5	84
689	Huascaran $\delta^{18}\text{O}$ as an indicator of tropical climate during the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 1999, 26, 1345-1348.	1.5	72
690	Freshwater sources to the coastal ocean off northeastern North America: Evidence from $\text{H}_2^{18}\text{O}/\text{H}_2^{16}\text{O}$ . <i>Journal of Geophysical Research</i> , 1999, 104, 18241-18255.	3.3	59
691	Climatic controls on interannual variability of precipitation $\delta^{18}\text{O}$ : Simulated influence of temperature, precipitation amount, and vapor source region. <i>Journal of Geophysical Research</i> , 1999, 104, 14223-14235.	3.3	106
692	Implications of the distribution of $\delta\text{D}$ 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
693	Oxygen Isotopes in Enamel Carbonate and their Ecological Significance. <i>Journal of Archaeological Science</i> , 1999, 26, 723-728.	1.2	250
694	Seasonal variations of glaciochemical, isotopic and stratigraphic properties in Siple Dome (Antarctica) surface snow. <i>Annals of Glaciology</i> , 1999, 29, 38-44.	2.8	35
695	200 years of isotope and chemical records in a firn core from Hercules Point, northern Victoria Land, Antarctica. <i>Annals of Glaciology</i> , 1999, 29, 106-112.	2.8	22
696	Climatic stability of the geographic origin of Antarctic precipitation simulated by an atmospheric general circulation model. <i>Annals of Glaciology</i> , 1999, 29, 45-48.	2.8	8
697	Accumulation and proxy-temperature variability in Dronning Maud Land, Antarctica, determined from shallow firn cores. <i>Annals of Glaciology</i> , 1999, 29, 17-22.	2.8	42
699	Analysis of $\delta^{18}\text{O}$ in tree rings: Wood-cellulose comparison and method dependent sensitivity. <i>Journal of Geophysical Research</i> , 1999, 104, 19267-19273.	3.3	61
700	Oxygen and Hydrogen Isotopic Composition of Diagenetic Clay Minerals in Sandstones: A Review of the Data and Controls. <i>Journal of Sedimentary Petrology</i> , 2000, 70, 63-91.		7
701	Ice Sheets and the Ice-Core Record of Climate Change. <i>International Geophysics</i> , 2000, 72, 459-497.	0.6	7
702	Boron isotope variations in the atmosphere. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 52, 1057.	0.8	19
703	ECMWF Analyses and Reanalyses Depiction of ENSO Signal in Antarctic Precipitation*. <i>Journal of Climate</i> , 2000, 13, 1406-1420.	1.2	131
704	Evidence for recent climate change from ice cores in the central Himalaya. <i>Annals of Glaciology</i> , 2000, 31, 153-158.	2.8	67

#	ARTICLE	IF	CITATIONS
705	Snow accumulation rates in northern Victoria Land, Antarctica, by firn-core analysis. <i>Journal of Glaciology</i> , 2000, 46, 541-552.	1.1	42
706	Stable isotope studies of precipitation and river water in the Lake Biwa basin, Japan. <i>Hydrological Processes</i> , 2000, 14, 539-556.	1.1	37
707	Vapor Pressure Isotope Fractionation Effects in Planetary Atmospheres: Application to Deuterium. <i>Icarus</i> , 2000, 144, 114-123.	1.1	44
708	Deuterium and oxygen-18 isotope composition of precipitation and atmospheric moisture. <i>Hydrological Processes</i> , 2000, 14, 1341-1355.	1.1	546
709	Atmospheric water balance?the isotopic perspective. <i>Hydrological Processes</i> , 2000, 14, 1357-1369.	1.1	163
710	Stable water isotopes in atmospheric general circulation models. <i>Hydrological Processes</i> , 2000, 14, 1385-1406.	1.1	153
711	Using stable isotopes of water in evapotranspiration studies. <i>Hydrological Processes</i> , 2000, 14, 1407-1421.	1.1	157
712	Isotopic ( $\delta^{18}O$ ) characteristics of weekly precipitation collected across the USA: an initial analysis with application to water source studies. <i>Hydrological Processes</i> , 2000, 14, 1449-1464.	1.1	195
713	Effects of evaporative enrichment on the stable isotope hydrology of a central Florida (USA) river. <i>Hydrological Processes</i> , 2000, 14, 1465-1484.	1.1	48
714	Runoff generation in a hypermaritime bog-forest upland. <i>Hydrological Processes</i> , 2000, 14, 2711-2730.	1.1	49
715	Ice-core palaeoclimate records in tropical South America since the Last Glacial Maximum. <i>Journal of Quaternary Science</i> , 2000, 15, 377-394.	1.1	262
716	Stable isotopes of pedogenic carbonates from the Somma-Vesuvius area, southern Italy, over the past 18 kyr: palaeoclimatic implications. <i>Journal of Quaternary Science</i> , 2000, 15, 813-824.	1.1	37
717	Retrogression by deep infiltration of meteoric fluids into thrust zones during late-orogenic rapid unroofing. <i>Journal of Metamorphic Geology</i> , 2000, 18, 307-318..	1.6	31
718	Influence of precipitation seasonality on $\delta^{13}C$ on pine cellulose $\delta^{13}C$ values. <i>Global Change Biology</i> , 2000, 6, 287-301.	4.2	31
719	Recharge and Preservation of Laurentide Glacial Melt Water in the Canadian Shield. <i>Ground Water</i> , 2000, 38, 735-742.	0.7	58
720	Fumaroles in ice caves on the summit of Mount Rainier—preliminary stable isotope, gas, and geochemical studies. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 97, 457-473.	0.8	28
721	Oxygen and Sulphur Isotope Dynamics in the SO <sub>4</sub> <sup>2-</sup> of an Urban Precipitation. <i>Water, Air, and Soil Pollution</i> , 2000, 117, 15-25.	1.1	25
722	Oxygen Isotope Composition of Fjord and River Water in the Sognefjorden Drainage Area, Western Norway. Implications for Paleoclimate Studies. <i>Estuarine, Coastal and Shelf Science</i> , 2000, 50, 441-448.	0.9	39



#	ARTICLE	IF	CITATIONS
723	Holocene Paleohydrology and Paleoclimate at Treeline, North-Central Russia, Inferred from Oxygen Isotope Records in Lake Sediment Cellulose. <i>Quaternary Research</i> , 2000, 53, 319-329.	1.0	53
724	Climatic significance of D/H and $^{13}\text{C}/^{12}\text{C}$ ratios in Irish oak cellulose. <i>Journal of Earth System Science</i> , 2000, 109, 117-127.	0.6	3
725	Evidence for solar forcing of climate variation from $\delta^{18}\text{O}$ of peat cellulose. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 217-224.	0.9	19
726	Runoff characteristics in a small mountain basin analyzed by the use of hydrogen and oxygen stable isotopes. <i>Limnology</i> , 2000, 1, 217-224.	0.8	3
727	Hydrogen and oxygen isotope ratios of tree ring cellulose for field-grown riparian trees. <i>Oecologia</i> , 2000, 123, 481-489.	0.9	116
728	Isotope Studies of Hydrogen and Oxygen in Ground Ice - Experiences with the Equilibration Technique. <i>Isotopes in Environmental and Health Studies</i> , 2000, 36, 133-149.	0.5	150
729	Monsoon and dust signals recorded in Dasuopu glacier, Tibetan Plateau. <i>Journal of Glaciology</i> , 2000, 46, 222-226.	1.1	95
730	Glaciochemical dating of an ice core from upper Grenzgletscher (4200 m a.s.l.). <i>Journal of Glaciology</i> , 2000, 46, 507-515.	1.1	91
731	There is no Temperature Dependence of Net Biochemical Fractionation of Hydrogen and Oxygen Isotopes in Tree-Ring Cellulose. <i>Isotopes in Environmental and Health Studies</i> , 2000, 36, 303-317.	0.5	26
732	Herbivore paleodiet and paleoenvironmental changes in Chad during the Pliocene using stable isotope ratios of tooth enamel carbonate. <i>Paleobiology</i> , 2000, 26, 294-309.	1.3	125
733	Ice-core evidence of abrupt climate changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1331-1334.	3.3	185
734	Response of climate to solar forcing recorded in a 6000-year $\delta^{18}\text{O}$ time-series of Chinese peat cellulose. <i>Holocene</i> , 2000, 10, 1-7.	0.9	168
735	Palaeoclimate records in compound-specific $\delta\text{D}$ values of a lipid biomarker in ombrotrophic peat. <i>Organic Geochemistry</i> , 2000, 31, 1053-1057.	0.9	146
736	$\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ in calcite of freshwater carbonate deposits as indicators of climatic and hydrological changes in the Late-Glacial and Holocene in Belarus. <i>Journal of Geochemical Exploration</i> , 2000, 69-70, 435-439.	1.5	16
737	Ecosystem response to Lateglacial and early Holocene climate oscillations in the Great Lakes region of North America. <i>Quaternary Science Reviews</i> , 2000, 19, 1723-1747.	1.4	61
738	Stable isotope record and its palaeoenvironmental interpretation for a late Middle Pleistocene speleothem from Victoria Fossil Cave, Naracoorte, South Australia. <i>Quaternary Science Reviews</i> , 2000, 19, 763-774.	1.4	46
739	The Younger Dryas cold interval as viewed from central Greenland. <i>Quaternary Science Reviews</i> , 2000, 19, 213-226.	1.4	752
740	Water isotopes in precipitation. <i>Quaternary Science Reviews</i> , 2000, 19, 363-379.	1.4	196

#	ARTICLE	IF	CITATIONS
741	Stable Isotope Systematics of Sulfate Minerals. <i>Reviews in Mineralogy and Geochemistry</i> , 2000, 40, 541-602.	2.2	113
742	Holocene palaeoclimates in northwestern Sudan: stable isotope studies on molluscs. <i>Global and Planetary Change</i> , 2000, 26, 1-12.	1.6	104
743	Late Quaternary environments in the White Nile region, Sudan. <i>Global and Planetary Change</i> , 2000, 26, 305-316.	1.6	108
744	The influence of water-rock interaction on the chemistry of thermal springs in western Canada. <i>Applied Geochemistry</i> , 2000, 15, 439-454.	1.4	71
745	Origin of kaolinization in Brittany (NW France) with emphasis on deposits over granite: stable isotopes (O, H) constraints. <i>Chemical Geology</i> , 2000, 168, 211-223.	1.4	32
746	Isotopic evidence for Holocene climate change in the northern Rockies from a goethite-rich ferricrete chronosequence. <i>Chemical Geology</i> , 2000, 166, 327-340.	1.4	35
747	Stable isotope composition of tropical high-altitude fresh-waters on Mt. Kenya, Equatorial East Africa. <i>Chemical Geology</i> , 2000, 166, 341-350.	1.4	59
748	D-H evidence for the timing of kaolinization in Northeast Bavaria, Germany. <i>Chemical Geology</i> , 2000, 170, 5-18.	1.4	59
749	Short fluctuations in Antarctic isotope records: a link with cold events in the North Atlantic?. <i>Earth and Planetary Science Letters</i> , 2000, 177, 219-225.	1.8	14
750	Origin and evolution of intracratonic thermal fluids from central-western peninsular India. <i>Earth and Planetary Science Letters</i> , 2000, 181, 377-394.	1.8	79
751	Predicting paleoelevation of Tibet and the Himalaya from $\delta^{18}O$ vs. altitude gradients in meteoric water across the Nepal Himalaya. <i>Earth and Planetary Science Letters</i> , 2000, 183, 215-229.	1.8	281
752	Origin of the shallow groundwater system in the southern Voltaian Sedimentary Basin of Ghana: an isotopic approach. <i>Journal of Hydrology</i> , 2000, 233, 37-53.	2.3	63
753	The use of temperature and the isotopes of O, H, C, and noble gases to determine the pattern and spatial extent of groundwater flow. <i>Journal of Hydrology</i> , 2000, 237, 100-112.	2.3	74
754	Climatic implications of surface domains in arrays of $\delta D$ and $\delta^{18}O$ from hydroxyl minerals: goethite as an example. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 2009-2025.	1.6	47
755	A mechanistic model for interpretation of hydrogen and oxygen isotope ratios in tree-ring cellulose. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 21-35.	1.6	666
756	Distribution of isotopic water molecules, H <sub>2</sub> O, HDO, and D <sub>2</sub> O, in vapor and liquid phases in pure water and aqueous solution systems. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 1485-1492.	1.6	27
757	Reconstruction of the undiffused seasonal oxygen isotope signal in central Greenland ice cores. <i>Journal of Geophysical Research</i> , 2000, 105, 22095-22106.	3.3	17
758	Intercomparison of coral oxygen isotope data and historical sea surface temperature (SST): Potential for coral-based SST field reconstructions. <i>Paleoceanography</i> , 2000, 15, 551-563.	3.0	67

#	ARTICLE	IF	CITATIONS
759	Cool Glacial Temperatures and Changes in Moisture Source Recorded in Oman Groundwaters. <i>Science</i> , 2000, 287, 842-845.	6.0	154
761	Cryostratigraphy of the Klondike "muck" deposits, west-central Yukon Territory. <i>Canadian Journal of Earth Sciences</i> , 2000, 37, 849-861.	0.6	64
762	Data-model comparison of the Younger Dryas event. <i>Canadian Journal of Earth Sciences</i> , 2000, 37, 811-830.	0.6	28
763	Rainwater dissolved organic carbon: Concentrations and global flux. <i>Global Biogeochemical Cycles</i> , 2000, 14, 139-148.	1.9	267
764	Isotopic constraints on the transpiration, evaporation, energy, and gross primary production Budgets of a large boreal watershed: Ottawa River Basin, Canada. <i>Global Biogeochemical Cycles</i> , 2000, 14, 149-165.	1.9	62
765	Borehole versus isotope temperatures on Greenland: Seasonality does matter. <i>Geophysical Research Letters</i> , 2000, 27, 723-726.	1.5	179
766	Physical and stable isotopic properties and growth processes of sea ice collected in the southern Sea of Okhotsk. <i>Journal of Geophysical Research</i> , 2000, 105, 22083-22093.	3.3	23
767	Rainfall characteristics ( $\delta^{18}O$ , $\delta^2H$ , $\delta^{17}O$ and $\delta^{18}O$ ) in western Africa: Regional scale and influence of irrigated areas. <i>Journal of Geophysical Research</i> , 2000, 105, 11911-11924.	3.3	36
768	Estimating recharge in a tropical Karst Aquifer. <i>Water Resources Research</i> , 2000, 36, 1289-1299.	1.7	79
769	Methodology for use of isotopic climate forcings in ice sheet models. <i>Geophysical Research Letters</i> , 2000, 27, 3065-3068.	1.5	28
770	Sulphur and Oxygen Isotopes in Sulphate. , 2000, , 195-231.		89
771	Rusty Relics of Earth History: Iron(III) Oxides, Isotopes, and Surficial Environments. <i>Annual Review of Earth and Planetary Sciences</i> , 2001, 29, 165-199.	4.6	61
772	Oxygen isotope/salinity relationship in the northern Indian Ocean. <i>Journal of Geophysical Research</i> , 2001, 106, 4565-4574.	3.3	123
773	Calibration changes in the isotopic thermometer for snow according to different climatic states. <i>Geophysical Research Letters</i> , 2001, 28, 2625-2628.	1.5	13
774	Monsoonal moisture sources revealed using temperature, precipitation, and precipitation stable isotope timeseries. <i>Geophysical Research Letters</i> , 2001, 28, 787-790.	1.5	48
775	A 420,000 year deuterium excess record from East Antarctica: Information on past changes in the origin of precipitation at Vostok. <i>Journal of Geophysical Research</i> , 2001, 106, 31863-31873.	3.3	97
776	Estimation of temperature change and of gas age-ice age difference, 108 kyr B.P., at Vostok, Antarctica. <i>Journal of Geophysical Research</i> , 2001, 106, 31893-31901.	3.3	50
777	Ice-age variability from the Vostok deuterium and deuterium excess records. <i>Journal of Geophysical Research</i> , 2001, 106, 31875-31884.	3.3	5

#	ARTICLE	IF	CITATIONS
778	Earth Sciences and Archaeology. , 2001, , .		37
780	Oxygen- and Hydrogen-Isotopic Ratios of Water in Precipitation: Beyond Paleothermometry. Reviews in Mineralogy and Geochemistry, 2001, 43, 527-553.	2.2	55
781	Isotopic composition of rainfall and ground-water recharge in the western province of Saudi Arabia. Journal of Arid Environments, 2001, 49, 751-760.	1.2	37
782	A Late Pleistocene to Holocene Record of Precipitation Reflected in <i>Margaritifera falcata</i> Shell $\delta^{18}\text{O}$ From Three Archaeological Sites in the Lower Salmon River Canyon, Idaho. Journal of Archaeological Science, 2001, 28, 291-303.	1.2	16
783	High latitude biospheric activity during the Last Glacial Cycle revealed by ammonium variations in Greenland Ice Cores. Geophysical Research Letters, 2001, 28, 4239-4242.	1.5	7
784	Deuterium excess record from central Greenland over the last millennium: Hints of a North Atlantic signal during the Little Ice Age. Journal of Geophysical Research, 2001, 106, 14265-14274.	3.3	27
785	Oxygen isotopic composition of winter precipitation in central Japan. Journal of Geophysical Research, 2001, 106, 7243-7249.	3.3	9
786	Isotopic composition of stratospheric water vapor: Implications for transport. Journal of Geophysical Research, 2001, 106, 12219-12226.	3.3	56
787	Isotopic fractionation through water vapor condensation: The Deuteropause, a cold trap for deuterium in the atmosphere of Mars. Journal of Geophysical Research, 2001, 106, 32879-32884.	3.3	48
788	Isotopic methods and their hydrogeochemical context in the investigation of palaeowaters. Geological Society Special Publication, 2001, 189, 193-212.	0.8	22
789	Palaeohydrodynamics of fluids in the Brent Group (Oseberg Field, Norwegian North Sea) from chemical and isotopic compositions of formation waters. Applied Geochemistry, 2001, 16, 609-632.	1.4	35
790	Compound-specific D/H ratios of lipid biomarkers from sediments as a proxy for environmental and climatic conditions. Geochimica Et Cosmochimica Acta, 2001, 65, 213-222.	1.6	336
791	Sr/Mg variation during rock-water interaction: implications for secular changes in the elemental chemistry of ancient seawater. Geochimica Et Cosmochimica Acta, 2001, 65, 741-761.	1.6	31
792	Phosphate $\delta^{18}\text{O}$ determination of modern rodent teeth by direct laser fluorination: an appraisal of methodology and potential application to palaeoclimate reconstruction. Geochimica Et Cosmochimica Acta, 2001, 65, 2535-2548.	1.6	54
793	Hydrogen and oxygen isotopic composition of aqueous salt solutions by gas-water equilibration method. Chemical Geology, 2001, 173, 331-337.	1.4	16
794	Hydrogen isotope values in lacustrine kerogen. Chemical Geology, 2001, 175, 713-721.	1.4	18
795	Geochemical and stable isotope studies on natural water in the Taroko Gorge karst area, Taiwan chemical weathering of carbonate rocks by deep source $\text{CO}_2$ and sulfuric acid. Chemical Geology, 2001, 177, 415-430.	1.4	61
796	The altitude effect on the isotopic composition of tropical rains. Chemical Geology, 2001, 181, 147-167.	1.4	391

#	ARTICLE	IF	CITATIONS
797	The effect of soil hydrology on the oxygen and hydrogen isotopic compositions of plants's source water. <i>Earth and Planetary Science Letters</i> , 2001, 185, 355-367.	1.8	174
798	A new approach to stable isotope-based paleoaltimetry: implications for paleoaltimetry and paleohypsometry of the High Himalaya since the Late Miocene. <i>Earth and Planetary Science Letters</i> , 2001, 188, 253-268.	1.8	373
799	Oxygen isotope ratios of oak in east England: implications for reconstructing the isotopic composition of precipitation. <i>Earth and Planetary Science Letters</i> , 2001, 191, 21-31.	1.8	102
800	Biogeochemical data from well preserved 200 ka collagen and skeletal remains. <i>Earth and Planetary Science Letters</i> , 2001, 193, 143-149.	1.8	34
801	Linking the Wasatchian/Bridgerian boundary to the Cenozoic Global Climate Optimum: new magnetostratigraphic and isotopic results from South Pass, Wyoming. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 167, 175-199.	1.0	64
802	A high-resolution speleothem record of climatic variability at the Allerød-Younger Dryas transition in Missouri, central United States. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 176, 147-155.	1.0	35
803	Global climate instability reflected by Eastern Mediterranean marine records during the late Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 176, 157-176.	1.0	219
804	The Holocene paleolimnology of Lake Issyk-Kul, Kyrgyzstan: trace element and stable isotope composition of ostracodes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 176, 207-227.	1.0	216
805	Application of Stable Isotopes To Identify Problems in Large-Scale Water Transfer in Grand Canyon National Park. <i>Environmental Science &amp; Technology</i> , 2001, 35, 1299-1302.	4.6	12
806	Stable Isotope Ecology of a Late Miocene Population of <i>Gomphotherium productus</i> (Mammalia). <i>TJ ETQq1 1 0.784314 rgBT /Overlock</i>	0.6	47
807	9. Oxygen- and Hydrogen-Isotopic Ratios of Water in Precipitation: Beyond Paleothermometry. , 2001, , 527-554.		11
808	12. Stable Isotope Systematics of Sulfate Minerals. , 2001, , 541-602.		4
809	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
810	Using Hydrogen Isotope Geochemistry to Estimate the Natal Latitudes of Immature Cooper's Hawks Migrating Through the Florida Keys. <i>Condor</i> , 2001, 103, 11-20.	0.7	71
811	Natural abundance deuterium and 18-oxygen effects on the precision of the doubly labeled water method. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E965-E972.	1.8	20
812	Meltwater-induced relocation of chemical species in Alpine firn. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 53, 192.	0.8	60
813	Time-series observations of the structure and properties of brackish ice in the Gulf of Finland. <i>Annals of Glaciology</i> , 2001, 33, 1-4.	2.8	42
814	Isotopic evidence for cooler and drier conditions in the tropical Andes during the last glacial stage. <i>Geology</i> , 2001, 29, 519.	2.0	24

#	ARTICLE	IF	CITATIONS
815	Isotopic composition and origin of polar precipitation in present and glacial climate simulations. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 53, 53.	0.8	90
816	Three amphi-Atlantic century-scale cold events during the BÅlling-AllerÅd warm period. <i>GÅographie Physique Et Quaternaire</i> , 2001, 55, 171-179.	0.2	55
817	Middle Cretaceous greenhouse hydrologic cycle of North America. <i>Geology</i> , 2001, 29, 363.	2.0	90
818	Oxygen isotopic and soluble ionic composition of a shallow firn core, Inilchek glacier, central Tien Shan. <i>Journal of Glaciology</i> , 2001, 47, 548-554.	1.1	47
819	Holocene hydrological cycle changes in the Southern Hemisphere documented in East Antarctic deuterium excess records. <i>Climate Dynamics</i> , 2001, 17, 503-513.	1.7	80
820	Environmental isotopes ( $^{18}\text{O}$ , $^2\text{H}$ , and $^{87}\text{Sr}/^{86}\text{Sr}$ ) as a tool in groundwater investigations in the Keta Basin, Ghana. <i>Hydrogeology Journal</i> , 2001, 9, 190-201.	0.9	45
821	Tropical cooling and the isotopic composition of precipitation in general circulation model simulations of the ice age climate. <i>Climate Dynamics</i> , 2001, 17, 489-502.	1.7	16
822	The $\delta^{18}\text{O}$ variation of a stalagmite from Qixing Cave, Guizhou Province and indicated climate change during the Holocene. <i>Science Bulletin</i> , 2001, 46, 1904-1908.	1.7	31
823	Variation of precipitation $\delta^{18}\text{O}$ in Langtang Valley Himalayas. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 769-778.	0.9	18
824	Relationship between $\delta\text{D}$ and $\delta^{18}\text{O}$ in precipitation on north and south of the Tibetan Plateau and moisture recycling. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 789-796.	0.9	93
825	Contemporary processes of environmental information in the atmosphere-glacier-runoff system in an area of typical monsoon temperate glacier. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 275-283.	0.9	7
826	Oxygen-18 in present-day precipitation on the Tibetan Plateau. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 41-47.	0.9	7
827	Review of the hydrogeological and hydrochemical aspects of groundwater in the Umm-Er-Radhuma aquifer system, Arabian Peninsula. <i>Journal of African Earth Sciences</i> , 2001, 33, 349-362.	0.9	5
828	Oxygen isotope and palaeotemperature records from six Greenland ice-core stations: Camp Century, Dye-3, GRIP, GISP2, Renland and NorthGRIP. <i>Journal of Quaternary Science</i> , 2001, 16, 299-307.	1.1	936
829	Distribution of oxygen-18 and deuterium in river waters across the United States. <i>Hydrological Processes</i> , 2001, 15, 1363-1393.	1.1	660
830	Multiproxy Record of Late Pleistocene–Holocene Climate and Vegetation Changes from a Peat Bog in Patagonia. <i>Quaternary Research</i> , 2001, 55, 168-178.	1.0	110
831	Holocene Climate Inferred from Oxygen Isotope Ratios in Lake Sediments, Central Brooks Range, Alaska. <i>Quaternary Research</i> , 2001, 55, 313-321.	1.0	102
832	Paleoclimatic Reconstruction Using the Correlation in $\delta^{18}\text{O}$ of Hackberry Carbonate and Environmental Water, North America. <i>Quaternary Research</i> , 2001, 56, 252-263.	1.0	22

#	ARTICLE	IF	CITATIONS
833	Title is missing!. Journal of Paleolimnology, 2001, 25, 43-64.	0.8	70
834	Use of NADP Archive Samples to Determine the Isotope Composition of Precipitation: Characterizing the Meteoric Input Function for Use in Ground Water Studies. Ground Water, 2001, 39, 380-390.	0.7	42
835	Covariation of carbon dioxide and temperature from the Vostok ice core after deuterium-excess correction. Nature, 2001, 412, 523-527.	13.7	128
836	The brackish Baltic Sea Yoldia Stage – palaeoenvironmental implications from marine benthic fauna and stable oxygen isotopes. Boreas, 2001, 30, 290-298.	1.2	12
837	Pleistocene and Holocene groundwaters in the freshening Ledo-Paniselian aquifer in Flanders, Belgium. Geological Society Special Publication, 2001, 189, 49-70.	0.8	24
838	Holocene climatic change in Swedish Lapland inferred from an oxygen-isotope record of lacustrine biogenic silica. Holocene, 2001, 11, 447-454.	0.9	119
839	An Oceanic Cold Reversal During the Last Deglaciation. Science, 2001, 293, 2074-2077.	6.0	224
840	Carbon and Oxygen Isotope Analysis of Lake Sediment Cellulose: Methods and Applications. , 2002, , 373-400.		36
842	Linking Breeding and Wintering Ranges of a Migratory Songbird Using Stable Isotopes. Science, 2002, 295, 1062-1065.	6.0	270
843	39 Earthquake-related hydrologic and geochemical changes. International Geophysics, 2002, , 637-645.	0.6	16
844	Holocene changes in atmospheric circulation recorded in the oxygen-isotope stratigraphy of lacustrine carbonates from northern Sweden. Holocene, 2002, 12, 339-351.	0.9	179
845	Stable-isotopic composition of precipitation over the northern slope of the central Himalaya. Journal of Glaciology, 2002, 48, 519-526.	1.1	55
846	Spatial and temporal variability in isotope composition of recent snow in the vicinity of Vostok station, Antarctica: implications for ice-core record interpretation. Annals of Glaciology, 2002, 35, 181-186.	2.8	92
847	Shifts in late Paleozoic atmospheric circulation over western equatorial Pangea: Insights from pedogenic mineral $\delta^{18}\text{O}$ compositions. Geology, 2002, 30, 1127.	2.0	98
848	Measuring stable isotopes of hydrogen and oxygen in ice by means of laser spectrometry: the BÅlling transition in the Dye-3 (south Greenland) ice core. Annals of Glaciology, 2002, 35, 125-130.	2.8	22
849	Tooth Oxygen Isotope Ratios As Paleoclimate Monitors In Arid Ecosystems. , 2002, , 117-140.		5
850	High net accumulation rates at Campo de Hielo Patagónico Sur, South America, revealed by analysis of a 45.97 m long ice core. Annals of Glaciology, 2002, 35, 84-90.	2.8	53
851	The effect of temporal variations in the surface mass balance and temperature-inversion strength on the interpretation of ice-core signals. Journal of Glaciology, 2002, 48, 611-621.	1.1	32

#	ARTICLE	IF	CITATIONS
852	Isotopic study on Dokriani Bamak glacier, central Himalaya: implications for climatic changes and ice dynamics. <i>Journal of Glaciology</i> , 2002, 48, 81-86.	1.1	14
853	Altitudinal variation of the stable isotopes of snow in regions of high relief. <i>Journal of Glaciology</i> , 2002, 48, 31-41.	1.1	21
854	Temporal variability of accumulation at Neumayer station, Antarctica, from stake array measurements and a regional atmospheric model. <i>Journal of Glaciology</i> , 2002, 48, 87-94.	1.1	9
855	Hydrogen isotope ratios of palmitic acid in lacustrine sediments record late Quaternary climate variations. <i>Geology</i> , 2002, 30, 1103.	2.0	187
856	Seasonal observations of stable isotope variations in a valley catchment, Signy Island, South Orkney Islands. <i>Antarctic Science</i> , 2002, 14, 333-342.	0.5	14
857	The irregular pattern of isotopic and ionic signals in the typical monsoon temperate-glacier area, Yulong mountain, China. <i>Annals of Glaciology</i> , 2002, 35, 167-174.	2.8	22
858	Generalized view of source-region effects on $\delta^2\text{H}$ and deuterium excess of ice-sheet precipitation. <i>Annals of Glaciology</i> , 2002, 35, 111-117.	2.8	15
859	The climate signal recorded in the oxygen-isotope, accumulation and major-ion time series from the Eclipse ice core, Yukon Territory, Canada. <i>Annals of Glaciology</i> , 2002, 35, 416-422.	2.8	31
860	Seasonal variations of accumulation and the isotope record in ice cores: a study with surface snow samples and firn cores from Neumayer station, Antarctica. <i>Annals of Glaciology</i> , 2002, 35, 97-101.	2.8	17
861	Preliminary results from the chemical records of an 80.4 m ice core recovered from East Rongbuk Glacier, Qomolangma (Mount Everest), Himalaya. <i>Annals of Glaciology</i> , 2002, 35, 278-284.	2.8	51
862	Stable Isotopes as Validation Tools for Global Climate Model Predictions of the Impact of Amazonian Deforestation. <i>Journal of Climate</i> , 2002, 15, 2664-2677.	1.2	56
863	Stable Isotope Compositions of Biological Apatite. <i>Reviews in Mineralogy and Geochemistry</i> , 2002, 48, 455-488.	2.2	291
864	Spatial distribution of $\delta^{18}\text{O}$ in meteoric precipitation. <i>Geology</i> , 2002, 30, 315.	2.0	693
865	Ground-water is the Ultimate Source of the Salt Creek Pupfish Habitat, Death Valley, U.S.A.. <i>Journal of Arid Environments</i> , 2002, 51, 401-411.	1.2	2
866	Groundwater Evolution in an Arid Coastal Region of the Sultanate of Oman based on Geochemical and Isotopic Tracers. <i>Water Science and Technology Library</i> , 2002, , 1-38.	0.2	4
867	Deep water in the late Maastrichtian ocean. <i>Paleoceanography</i> , 2002, 17, 8-1-8-11.	3.0	29
868	Climatic and monsoon isotopic signals ( $\delta^2\text{H}$ , $\delta^{13}\text{C}$ ) of northeastern China tree rings. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 1-1-ACL 1-8.	3.3	7
869	Footprint analysis using event-based isotope data for identifying source area of precipitated water. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 6-1.	3.3	32



#	ARTICLE	IF	CITATIONS
870	Modeling interannual variability of water isotopes in Greenland and Antarctica. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 1-1.	3.3	75
871	Simulation of stable water isotope variations by the GENESIS GCM for modern conditions. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 2-1.	3.3	101
872	Stable isotopic evidence for a Pre-Middle Miocene rain shadow in the western Basin and Range: Implications for the paleotopography of the Sierra Nevada. <i>Tectonics</i> , 2002, 21, 16-1-16-10.	1.3	99
873	Annular variations in moisture transport mechanisms and the abundance of $\delta^{18}\text{O}$ in Antarctic snow. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 3-1.	3.3	86
874	Stable isotope composition of precipitation across the southern Patagonian Andes. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 3-1-ACL 3-14.	3.3	97
875	Oxygen-isotope studies of ostracods from deep lakes. <i>Geophysical Monograph Series</i> , 2002, , 249-266.	0.1	21
877	Environmental Change in the Great Plains: An Isotopic Record from Fossil Horses. <i>Journal of Geology</i> , 2002, 110, 123-140.	0.7	164
879	Climatic influences on the oxygen isotopic composition of biogenic silica in prairie grass. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 1891-1904.	1.6	40
880	Paleoenvironmental reconstruction from chemical and isotopic compositions of Permo-Pennsylvanian pedogenic minerals. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 3093-3107.	1.6	55
881	Leaf cellulose $\delta^2\text{H}$ and $\delta^{18}\text{O}$ trends with elevation differ in direction among co-occurring, semiarid plant species. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 3887-3900.	1.6	28
882	Model evaluation for reconstructing the oxygen isotopic composition in precipitation from tree ring cellulose over the last century. <i>Chemical Geology</i> , 2002, 182, 121-137.	1.4	103
883	Exotic stable isotope compositions of saline waters and brines from the crystalline basement. <i>Chemical Geology</i> , 2002, 184, 49-70.	1.4	83
884	Oxygen and hydrogen isotope ratios in tree rings: how well do models predict observed values?. <i>Earth and Planetary Science Letters</i> , 2002, 201, 421-430.	1.8	102
885	Hydrological conditions over the western Mediterranean basin during the deposition of the cold Sapropel 6 (ca. 175 kyr BP). <i>Earth and Planetary Science Letters</i> , 2002, 202, 481-494.	1.8	144
886	Later Pleistocene/Holocene climate conditions of Qinghai's Xizhang Plateau (Tibet) based on carbon and oxygen stable isotopes of Zabuye Lake sediments. <i>Earth and Planetary Science Letters</i> , 2002, 203, 461-477.	1.8	127
887	New insights into Southern Hemisphere temperature changes from Vostok ice cores using deuterium excess correction. <i>Earth and Planetary Science Letters</i> , 2002, 203, 829-843.	1.8	122
888	Oxygen isotope evidence for progressive uplift of the Cascade Range, Oregon. <i>Earth and Planetary Science Letters</i> , 2002, 204, 151-165.	1.8	90
889	Implications of Ordovician ( $\sim 460$ Myr) marine cement for constraining seawater temperature and atmospheric $\text{pCO}_2$ . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 181, 399-417.	1.0	16

#	ARTICLE	IF	CITATIONS
890	Paleoclimatic inference from stable isotope profiles of accretionary biogenic hardparts – a quantitative approach to the evaluation of incomplete data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 185, 95-114.	1.0	44
891	Intra-tooth isotope variations in late Miocene bovid enamel from Afghanistan: paleobiological, taphonomic, and climatic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 186, 145-161.	1.0	71
892	The mid-Cretaceous water bearer: isotope mass balance quantification of the Albian hydrologic cycle. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 188, 51-71.	1.0	72
893	Stable isotope values of Costa Rican surface waters. <i>Journal of Hydrology</i> , 2002, 260, 135-150.	2.3	76
894	The influence of microclimates and fog on stable isotope signatures used in interpretation of regional hydrology: East Maui, Hawaii. <i>Journal of Hydrology</i> , 2002, 264, 170-184.	2.3	100
895	Effect of periodic melting on geochemical and isotopic signals in an ice core from Lomonosovfonna, Svalbard. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 1-1.	3.3	79
896	Paleotemperatures and ice volume of the past 27 Myr revisited with paired Mg/Ca and $^{18}\text{O}/^{16}\text{O}$ measurements on benthic foraminifera. <i>Paleoceanography</i> , 2002, 17, 3-13-11.	3.0	223
897	Isotope study of moisture sources, recharge areas, and groundwater flow paths within the eastern Batinah coastal plain, Sultanate of Oman. <i>Water Resources Research</i> , 2002, 38, 2-1-2-22.	1.7	101
898	Regional water balance trends and evaporation-transpiration partitioning from a stable isotope survey of lakes in northern Canada. <i>Global Biogeochemical Cycles</i> , 2002, 16, 10-1-10-14.	1.9	254
899	Spatial and temporal oxygen isotope trends at the northern tree-line in Eurasia. <i>Geophysical Research Letters</i> , 2002, 29, 7-1-7-4.	1.5	77
900	Variations of stable isotopic compositions in precipitation on the Tibetan Plateau and its adjacent regions. <i>Science in China Series D: Earth Sciences</i> , 2002, 45, 481-493.	0.9	57
902	Apport des isotopes stables dans l'estimation des altitudes de recharge de sources thermales du Maroc. <i>Comptes Rendus - Geoscience</i> , 2002, 334, 469-474.	0.4	17
903	Paleoenvironmental and paleoclimatic records from permafrost deposits in the Arctic region of Northern Siberia. <i>Quaternary International</i> , 2002, 89, 97-118.	0.7	202
904	Oxygen isotopic composition of lacustrine carbonates since 130 ka bp from a Tianshuihai Lake core, Tibet: an overall increasing $\delta^{18}\text{O}$ trend and its implications. <i>Journal of Asian Earth Sciences</i> , 2002, 20, 225-229.	1.0	7
905	Holocene multidecadal and multicentennial droughts affecting Northern California and Nevada. <i>Quaternary Science Reviews</i> , 2002, 21, 659-682.	1.4	258
906	Multi-isotopic age assessment of dirty speleothem calcite: an example from Altamira Cave, Spain. <i>Quaternary Science Reviews</i> , 2002, 21, 1099-1110.	1.4	22
907	Isotopic balance of the Greenland Ice Sheet: modelled concentrations of water isotopes from 30,000 BP to present. <i>Quaternary Science Reviews</i> , 2002, 21, 419-430.	1.4	29
908	Start of the last interglacial period at 135 ka: Evidence from a high Alpine speleothem. <i>Geology</i> , 2002, 30, 815.	2.0	95

#	ARTICLE	IF	CITATIONS
909	12. Stable Isotope Compositions of Biological Apatite. , 2002, , 455-488.		79
910	A model study on the relation between atmospheric boundary-layer dynamics and poleward atmospheric moisture transport in Antarctica. Tellus, Series A: Dynamic Meteorology and Oceanography, 2002, 54, 497-511.	0.8	5
911	A multi-box model study of the role of the biospheric metabolism in the recent decline of $\delta^{18}\text{O}$ in atmospheric $\text{CO}_2$ . Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 307-324.	0.8	1
912	Modelling the continental effect of oxygen isotopes over Eurasia. Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 895-909.	0.8	3
913	The spatial and temporal variability of the surface mass balance in Antarctica: results from a regional atmospheric climate model. International Journal of Climatology, 2002, 22, 1197-1217.	1.5	62
914	Isotopic climate record in a Holocene stalagmite from Ursilor Cave (Romania). Journal of Quaternary Science, 2002, 17, 319-327.	1.1	80
915	Stable carbon and oxygen isotopic evidence for late Pleistocene to middle Holocene climatic fluctuations in the interior of southern Africa. Journal of Quaternary Science, 2002, 17, 683-695.	1.1	44
916	Stable isotopes in the source waters of the Yamuna and its tributaries: seasonal and altitudinal variations and relation to major cations. Hydrological Processes, 2002, 16, 3345-3364.	1.1	75
917	Records of climatic changes and volcanic events in an ice core from Central Dronning Maud Land (East Antarctica) during the past century. Journal of Earth System Science, 2002, 111, 39-49.	0.6	6
918	Post-Younger Dryas climate interval linked to circumpolar vortex variability: isotopic evidence from Fayetteville Green Lake, New York. Climate Dynamics, 2002, 19, 321-330.	1.7	35
919	A multi-box model study of the role of the biospheric metabolism in the recent decline of $\delta^{18}\text{O}$ in atmospheric $\text{CO}_2$ . Tellus, Series B: Chemical and Physical Meteorology, 2002, 54, 307-324.	0.8	20
920	Importance of permafrost as a source of water for plants in east Siberian taiga. Ecological Research, 2002, 17, 493-503.	0.7	190
921	Geochemical cycling in the Hooghly estuary, India. Marine Chemistry, 2002, 79, 171-183.	0.9	31
922	Spatial and Temporal Variability of Ground Water Recharge in Central Australia: A Tracer Approach. Ground Water, 2002, 40, 518-527.	0.7	114
923	Origin of Shallow Ground Water in an Alluvial Aquifer as Determined by Isotopic and Chemical Procedures. Ground Water, 2002, 40, 552-563.	0.7	23
924	Deep-water renewal in a Scottish fjord: temperature, salinity and oxygen isotopes. Polar Research, 2002, 21, 251-257.	1.6	34
925	Comparison of the Climate during Marine Isotope Stage 9 and 11 Inferred from a Speleothem Isotope Record from Northern Norway. Quaternary Research, 2002, 58, 361-371.	1.0	19
926	The Saltwater/Freshwater Regime in the Sedimentary Cover of the Gorleben Salt Dome. Transport in Porous Media, 2002, 47, 125-148.	1.2	4

#	ARTICLE	IF	CITATIONS
927	Palaeoclimate reconstruction on Big Lyakhovsky Island, north Siberia?hydrogen and oxygen isotopes in ice wedges. <i>Permafrost and Periglacial Processes</i> , 2002, 13, 91-105.	1.5	96
928	Two decades of progress towards understanding fossilization processes and isotopic signals in calcified tissue minerals. <i>Archaeometry</i> , 2002, 44, 435-446.	0.6	120
929	Title is missing!. <i>Journal of Paleolimnology</i> , 2003, 29, 265-351.	0.8	107
930	Tropical Glacier and Ice Core Evidence of Climate Change on Annual to Millennial Time Scales. <i>Climatic Change</i> , 2003, 59, 137-155.	1.7	221
931	Climatic significance of isotope ratios. <i>Phytochemistry Reviews</i> , 2003, 2, 179-190.	3.1	39
932	Sensitivity of deep lake temperature to past and future climatic changes: A modeling study for Lac d'Annecy, France, and Ammersee, Germany. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	14
933	Oxygen isotope and geochemical variations in the Missouri River. <i>Environmental Geology</i> , 2003, 43, 546-556.	1.2	44
934	Groundwater residence times and flow paths in fractured rock determined using environmental tracers in the Mission Tunnel; Santa Barbara County, California, USA. <i>Environmental Geology</i> , 2003, 43, 557-567.	1.2	23
935	Oxygen-18 in different waters in Urumqi River Basin. <i>Journal of Chinese Geography</i> , 2003, 13, 438-446.	1.5	5
936	Hydrology of the Gulf intra-coastal waterway in the San Bernard & Brazos river estuaries, Texas, USA: Oxygen isotopic ratio and salinity. <i>Geosciences Journal</i> , 2003, 7, 27-35.	0.6	2
937	Application of LA-ICP-MS in polar ice core studies. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 1265-1275.	1.9	23
938	Observation of isotopes in the water cycle?the Swiss National Network (NISOT). <i>Environmental Geology</i> , 2003, 45, 1-11.	1.2	85
939	Simulations of stable isotopic fractionation in mixed cloud in middle latitudes-Taking the precipitation at ÅrÅ¼mqi as an example. <i>Advances in Atmospheric Sciences</i> , 2003, 20, 261-268.	1.9	14
940	Estimating the latitudinal origins of migratory birds using hydrogen and sulfur stable isotopes in feathers: influence of marine prey base. <i>Oecologia</i> , 2003, 134, 505-510.	0.9	122
941	Stable isotopes as indicators of altitudinal distributions and movements in an Ecuadorean hummingbird community. <i>Oecologia</i> , 2003, 136, 302-308.	0.9	149
942	Spatial and temporal variation of rainwater stable isotopes in Egypt and the east Mediterranean. <i>Theoretical and Applied Climatology</i> , 2003, 74, 191-202.	1.3	11
943	Slightly thermal springs and non-thermal springs at Mount Shasta, California: Chemistry and recharge elevations. <i>Journal of Volcanology and Geothermal Research</i> , 2003, 121, 137-153.	0.8	30
944	Paleoclimate reconstruction based on the timing of speleothem growth and oxygen and carbon isotope composition in a cave located in the rain shadow in Israel. <i>Quaternary Research</i> , 2003, 59, 182-193.	1.0	183

#	ARTICLE	IF	CITATIONS
945	Changing moisture sources over the last 330,000 years in Northern Oman from fluid-inclusion evidence in speleothems. <i>Quaternary Research</i> , 2003, 60, 223-232.	1.0	237
946	Hillslope-swamp interactions and flow pathways in a hypermaritime rainforest, British Columbia. <i>Hydrological Processes</i> , 2003, 17, 3005-3022.	1.1	24
947	What do stable isotopes tell us about hominid dietary and ecological niches in the pliocene?. <i>International Journal of Osteoarchaeology</i> , 2003, 13, 104-113.	0.6	63
948	Toward establishing a maritime proxy record of the East Asian summer monsoons for the late Quaternary. <i>Marine Geology</i> , 2003, 201, 67-79.	0.9	49
949	Production waters associated with the Ferron coalbed methane fields, central Utah: chemical and isotopic composition and volumes. <i>International Journal of Coal Geology</i> , 2003, 56, 141-169.	1.9	63
950	Isotope composition of air moisture over the Mediterranean Sea: an index of the air-sea interaction pattern. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2003, 55, 953-965.	0.8	193
951	Combining genetic markers and stable isotopes to reveal population connectivity and migration patterns in a Neotropical migrant, Wilson's warbler ( <i>Wilsonia pusilla</i> ). <i>Molecular Ecology</i> , 2003, 12, 819-830.	2.0	157
952	Geothermal fluids circulation at Caldas do Moledo area, Northern Portugal: geochemical and isotopic signatures. <i>Geofluids</i> , 2003, 3, 189-201.	0.3	29
953	Seasonality of $\delta^{18}O$ in needles and wood of <i>Picea abies</i> . <i>New Phytologist</i> , 2003, 158, 51-59.	3.5	44
954	Relationship between the variation of isotopic ratios and the source of summer precipitation in eastern Siberia. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	30
955	Modeling $\delta^{18}O$ in precipitation over the tropical Americas: 1. Interannual variability and climatic controls. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	221
956	Space and time variation of $\delta^{18}O$ and $\delta^2D$ in Antarctic precipitation revisited. <i>Global Biogeochemical Cycles</i> , 2003, 17, .	1.9	66
957	Isotopic evidence for the role of plant development on transpiration in deciduous forests of southern United States. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	17
958	Coherent isotope history of Andean ice cores over the last century. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	119
959	Tropical ice core isotopes: Do they reflect changes in storm activity?. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	24
960	NAO signal recorded in the stable isotopes of Greenland ice cores. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	100
961	Oxygen-18 concentrations in recent precipitation and ice cores on the Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	230
962	Magnitude of isotope/temperature scaling for interpretation of central Antarctic ice cores. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	239

#	ARTICLE	IF	CITATIONS
963	Snow accumulation variability in Wilkes Land, East Antarctica, and the relationship to atmospheric ridging in the 130°-170°E region since 1930. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	31
964	Modeling the densification of polar firn including heat diffusion: Application to close-off characteristics and gas isotopic fractionation for Antarctica and Greenland sites. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	196
965	Extreme polar warmth during the Cretaceous greenhouse? Paradox of the late Turonian $\delta^{18}O$ record at Deep Sea Drilling Project Site 511. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	94
966	Improving climatic signal representation in tropical ice cores: A case study from the Quelccaya Ice Cap, Peru. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	11
967	Seasonal deuterium excess in a Tien Shan ice core: Influence of moisture transport and recycling in Central Asia. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	53
968	A quantitative analysis of short-term $\delta^{18}O$ variability with a Rayleigh-type isotope circulation model. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	98
969	Isotopic fractionation of water during evaporation. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	365
970	Interpolating the isotopic composition of modern meteoric precipitation. <i>Water Resources Research</i> , 2003, 39, .	1.7	968
971	Isothermal Desorption Kinetics of Crystalline H <sub>2</sub> O, H <sub>2</sub> <sup>18</sup> O, and D <sub>2</sub> O Ice Multilayers. <i>Journal of Physical Chemistry B</i> , 2003, 107, 3871-3877.	1.2	31
972	Uranium-series Chronology and Environmental Applications of Speleothems. <i>Reviews in Mineralogy and Geochemistry</i> , 2003, 52, 407-460.	2.2	248
973	Isotopic composition of precipitation in Italy: a first overall map. <i>Journal of Hydrology</i> , 2003, 270, 75-88.	2.3	417
974	Distribution of oxygen and hydrogen isotopes in shallow groundwaters from Southern India: influence of a dual monsoon system. <i>Journal of Hydrology</i> , 2003, 271, 226-239.	2.3	119
975	Estimating recharge thresholds in tropical karst island aquifers: Barbados, Puerto Rico and Guam. <i>Journal of Hydrology</i> , 2003, 278, 131-143.	2.3	91
976	Epikarst storage in a karst aquifer: a conceptual model based on isotopic data, Milandre test site, Switzerland. <i>Journal of Hydrology</i> , 2003, 279, 106-124.	2.3	218
977	Sea-level oxygen isotopic relationships from planktonic foraminifera and speleothems in the Eastern Mediterranean region and their implication for paleorainfall during interglacial intervals. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 3181-3199.	1.6	825
978	Separating soil and leaf water $\delta^{18}O$ isotopic signals in plant stem cellulose. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 2561-2566.	1.6	46
979	Paleogene paleoclimate reconstruction using oxygen isotopes from land and freshwater organisms: the use of multiple paleoproxies. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 4033-4047.	1.6	51
980	A record of Pleistocene climate from a stalactite, Nerja Cave, southern Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 189, 1-10.	1.0	21

#	ARTICLE	IF	CITATIONS
981	Recent and historical discharge of a large European river system – oxygen isotopic composition of river water and skeletal aragonite of Unionidae in the Rhine. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 193, 73-86.	1.0	34
982	Seasonal stable isotope variations of the modern Amazonian freshwater bivalve <i>Anodontites trapesialis</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 194, 339-354.	1.0	67
983	A high spatial resolution $\delta^{18}O$ profile of a speleothem using an ion-microprobe. <i>Chemical Geology</i> , 2003, 197, 21-28.	1.4	41
984	A new Andean deep ice core from Nevado Illimani (6350 m), Bolivia. <i>Earth and Planetary Science Letters</i> , 2003, 212, 337-350.	1.8	121
985	A paleoclimate record of the last 17,600 years in stalagmites from the B7 cave, Sauerland, Germany. <i>Quaternary Science Reviews</i> , 2003, 22, 555-567.	1.4	95
986	Climate variability in central China over the last 1270 years revealed by high-resolution stalagmite records. <i>Quaternary Science Reviews</i> , 2003, 22, 691-701.	1.4	133
987	Response of North American Great Basin Lakes to Dansgaard-Oeschger oscillations. <i>Quaternary Science Reviews</i> , 2003, 22, 2239-2251.	1.4	60
988	Mixing and evaporation processes in an inverse estuary inferred from $\delta^2H$ and $\delta^{18}O$ . <i>Continental Shelf Research</i> , 2003, 23, 835-846.	0.9	36
989	Hydrogen isotope systematics of hair: archeological and forensic applications. <i>Journal of Archaeological Science</i> , 2003, 30, 1709-1716.	1.2	195
990	Indian Ocean Climate and an Absolute Chronology over Dansgaard/Oeschger Events 9 to 13. <i>Science</i> , 2003, 301, 1365-1367.	6.0	272
991	Paleoclimatic interpretation of the past 30 ka from isotopic studies of the deep confined aquifer of the North China plain. <i>Applied Geochemistry</i> , 2003, 18, 997-1009.	1.4	138
992	Vertical distribution of As(III) and As(V) in a coastal sandy aquifer: factors controlling the concentration and speciation of arsenic in the Stuarts Point groundwater system, northern New South Wales, Australia. <i>Applied Geochemistry</i> , 2003, 18, 1479-1496.	1.4	37
993	Stable isotope (S, O, H and C) studies of the phyllic and potassic phyllic alteration zones of the porphyry copper deposit at Sungun, East Azarbaijan, Iran. <i>Journal of Asian Earth Sciences</i> , 2003, 21, 767-780.	1.0	51
994	Climate Variability and Change in High Elevation Regions: Past, Present & Future. <i>Advances in Global Change Research</i> , 2003, , .	1.6	10
996	The Stable Isotopic Composition of Atmospheric CO <sub>2</sub> . , 2003, , 175-212.		25
997	The influence of climate on the oxygen isotopes in tree rings. <i>Isotopes in Environmental and Health Studies</i> , 2003, 39, 105-112.	0.5	12
998	Diagenetic effects on the oxygen isotope composition of bones of dinosaurs and other vertebrates recovered from terrestrial and marine sediments. <i>Journal of the Geological Society</i> , 2003, 160, 895-901.	0.9	47
999	WATER UTILIZATION OF NATURAL AND PLANTED TREES IN THE SEMIARID DESERT OF INNER MONGOLIA, CHINA. , 2003, 13, 337-351.		75

#	ARTICLE	IF	CITATIONS
1000	Water Stable Isotopes: Atmospheric Composition and Applications in Polar Ice Core Studies. , 2003, , 213-243.		25
1001	DEFINING A PLANT'S BELOWGROUND ZONE OF INFLUENCE. Ecology, 2003, 84, 2313-2321.	1.5	195
1002	Effect of varying oceanicity on early- to mid-Holocene palaeohydrology, Kola Peninsula, Russia: isotopic evidence from treeline lakes. Holocene, 2003, 13, 153-160.	0.9	33
1003	Oxygen-isotope ( $\delta^{18}O$ ) evidence of Holocene hydrological changes at Signy Island, maritime Antarctica. Holocene, 2003, 13, 251-263.	0.9	27
1004	Stable carbon- and hydrogen-isotope ratios of subfossil oaks in southern Germany: methodology and application to a composite record for the Holocene. Holocene, 2003, 13, 393-402.	0.9	35
1005	Metabolic rate of late Holocene freshwater fish: evidence from $\delta^{13}C$ values of otoliths. Paleobiology, 2003, 29, 492-505.	1.3	50
1006	Tropical Glacier and Ice Core Evidence of Climate Change on Annual to Millennial Time Scales. Advances in Global Change Research, 2003, , 137-155.	1.6	55
1007	Isotopic diffusion in polycrystalline ice. Journal of Glaciology, 2003, 49, 397-406.	1.1	16
1008	Oxygen isotopes in glacier-river water, Austre Okstindbreen, Okstindan, Norway. Journal of Glaciology, 2003, 49, 282-298.	1.1	22
1009	Antarctic permafrost: An analogue for water and diagenetic minerals on Mars. Geology, 2003, 31, 199.	2.0	80
1010	Climatic controls on the stable isotopic composition of precipitation in Northeast Asia. Climate Research, 2003, 23, 137-148.	0.4	68
1011	Probing Hurricanes with Stable Isotopes of Rain and Water Vapor. Monthly Weather Review, 2003, 131, 1112-1127.	0.5	81
1012	Geomorphological Techniques. , 2003, , .		15
1013	Lenses, plumes and wedges in the Sultanate of Oman: A challenge for groundwater management. Developments in Water Science, 2003, 50, 349-370.	0.1	12
1014	10. Uranium-series Chronology and Environmental Applications of Speleothems. , 2003, , 407-460.		37
1015	Deep Fluids in the Continents: I. Sedimentary Basins. , 2003, , 1-48.		80
1016	The O and H stable isotope composition of freshwaters in the British Isles. 1. Rainfall. Hydrology and Earth System Sciences, 2003, 7, 163-181.	1.9	108
1017	Linking Ostracodes to Climate and Landscape. The Paleontological Society Papers, 2003, 9, 223-246.	0.8	8



#	ARTICLE	IF	CITATIONS
1018	A 10-yr record of stable isotope ratios of hydrogen and oxygen in precipitation at Calgary, Alberta, Canada. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 56, 147.	0.8	32
1020	Effects of firn ventilation on isotopic exchange. <i>Journal of Glaciology</i> , 2004, 50, 183-194.	1.1	65
1021	Evidence for increased latent heat transport during the Cretaceous (Albian) greenhouse warming. <i>Geology</i> , 2004, 32, 1049.	2.0	78
1022	The Piracicaba river basin: isotope hydrology of a tropical river basin under anthropogenic stress. <i>Isotopes in Environmental and Health Studies</i> , 2004, 40, 45-56.	0.5	19
1023	Hydrochemical Processes and Environmental Isotopic Study of Groundwater in Kuwait. <i>Water International</i> , 2004, 29, 158-166.	0.4	11
1024	RECONSTRUCTING PLANT ROOT AREA AND WATER UPTAKE PROFILES. <i>Ecology</i> , 2004, 85, 1967-1978.	1.5	87
1025	Common millennial-scale variability of Antarctic and Southern Ocean temperatures during the past 5000 years reconstructed from the EPICA Dome C ice core. <i>Holocene</i> , 2004, 14, 145-151.	0.9	84
1026	Reconstructing paleoelevation in eroded orogens. <i>Geology</i> , 2004, 32, 525.	2.0	97
1027	Late Pleistocene mammoth herd structure, migration patterns, and Clovis hunting strategies inferred from isotopic analyses of multiple death assemblages. <i>Paleobiology</i> , 2004, 30, 129-145.	1.3	113
1028	Isotope and trace element analysis of human teeth and bones for forensic purposes. <i>Geological Society Special Publication</i> , 2004, 232, 215-236.	0.8	24
1030	Past monsoon rainfall variations in peninsular India recorded in a 331-year-old speleothem. <i>Holocene</i> , 2004, 14, 517-524.	0.9	114
1031	Speleothem master chronologies: combined Holocene 18O and 13C records from the North Island of New Zealand and their palaeoenvironmental interpretation. <i>Holocene</i> , 2004, 14, 194-208.	0.9	59
1032	Bentonites from Ishirini (Libya) as Natural Analogues of Long Term Thermal and Chemical Effects: Isotopic and Fluid Inclusion Evidence. <i>Elsevier Geo-Engineering Book Series</i> , 2004, 2, 715-720.	0.0	0
1033	C and O stable isotope variability in recent freshwater carbonates (River Krka, Croatia). <i>Sedimentology</i> , 2004, 51, 361-375.	1.6	63
1034	Oxygen isotope records of goethite from ferricrete deposits indicate regionally varying holocene climate change in the Rocky Mountain region, U.S.A.. <i>Quaternary Research</i> , 2004, 61, 64-71.	1.0	23
1035	Variability of the Intertropical Convergence Zone recorded in coral isotopic records from the central Indian Ocean (Chagos Archipelago). <i>Quaternary Research</i> , 2004, 61, 245-255.	1.0	37
1036	Oxygen isotopes of bovid teeth as archives of paleoclimatic variations in archaeological deposits of the Ganga plain, India. <i>Quaternary Research</i> , 2004, 62, 19-28.	1.0	28
1037	Oxygen isotope compositions of phosphate from arvicoline teeth and Quaternary climatic changes, Gigny, French Jura. <i>Quaternary Research</i> , 2004, 62, 172-182.	1.0	35

#	ARTICLE	IF	CITATIONS
1038	Groundwater in the Lake Myvatn area, northern Iceland: Chemistry, origin and interaction. <i>Aquatic Ecology</i> , 2004, 38, 115-128.	0.7	28
1039	Quantitative paleotemperature estimates from $\delta^{18}O$ of chironomid head capsules preserved in arctic lake sediments. <i>Journal of Paleolimnology</i> , 2004, 31, 267-274.	0.8	104
1040	Speleothems as palaeoclimate indicators, a case study from Soreq Cave located in the Eastern Mediterranean Region, Israel. , 2004, , 363-391.		53
1041	Ancient ecology of 15-million-year-old browsing mammals within C3 plant communities from Panama. <i>Oecologia</i> , 2004, 140, 169-182.	0.9	81
1042	Groundwater recharge in a sedimentary basin in semi-arid Mexico. <i>Hydrogeology Journal</i> , 2004, 12, 511-530.	0.9	57
1043	Positive correlation between $\delta^{18}O$ in monsoon precipitation and atmospheric wind speed. <i>Science Bulletin</i> , 2004, 49, 938-941.	1.7	2
1044	Comparisons on seasonal and annual variations of $\delta^{18}O$ in precipitation. <i>Journal of Chinese Geography</i> , 2004, 14, 193-203.	1.5	5
1045	Variations of $\delta^{18}O$ in precipitation along vapor transport paths. <i>Advances in Atmospheric Sciences</i> , 2004, 21, 562-572.	1.9	23
1046	Stable isotope variation as a tool to trace the authenticity of beef. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 301-310.	1.9	157
1047	Diagenetic overprinting of the sphaerosiderite palaeoclimate proxy: are records of pedogenic groundwater $\delta^{18}O$ values preserved?. <i>Sedimentology</i> , 2004, 51, 127-144.	1.6	24
1048	The importance of oxygen isotope provenance in relation to solute content of bulk meltwaters at lmersuaq Glacier, West Greenland. <i>Hydrological Processes</i> , 2004, 18, 125-139.	1.1	25
1049	Hydrogen and oxygen isotopes in precipitation in the northern part of the North China Plain: climatology and inter-storm variability. <i>Hydrological Processes</i> , 2004, 18, 2211-2222.	1.1	42
1050	The palaeoclimatic utility of terrestrial biomarkers in marine sediments. <i>Marine Chemistry</i> , 2004, 92, 239-261.	0.9	243
1051	Endostromatolites from permafrost karst, Yukon, Canada: paleoclimatic proxies for the Holocene hypsithermal. <i>Canadian Journal of Earth Sciences</i> , 2004, 41, 387-399.	0.6	21
1052	The Main Factors Affecting Isotopes of Yellow River Water in China. <i>Water International</i> , 2004, 29, 475-482.	0.4	10
1053	Timing, Duration, and Transitions of the Last Interglacial Asian Monsoon. <i>Science</i> , 2004, 304, 575-578.	6.0	1,013
1054	The source of the high heat and freshwater content of the upper ocean at the SHEBA site in the Beaufort Sea in 1997. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	28
1055	A model of the Earth's Dole effect. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	79

#	ARTICLE	IF	CITATIONS
1056	Modern isotope climatology of Russia: A first assessment. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	103
1057	Association between atmospheric circulation patterns and firn-ice core records from the Inilchek glacierized area, central Tien Shan, Asia. Journal of Geophysical Research, 2004, 109, .	3.3	54
1058	Stable isotopic composition of water vapor in the tropics. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	145
1059	Evidence for stratigraphic distortion in the Greenland Ice Core Project (GRIP) ice core during Event 5e1 (120 kyr BP) from gas isotopes. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	16
1060	Sea ice control of water isotope transport to Antarctica and implications for ice core interpretation. Journal of Geophysical Research, 2004, 109, .	3.3	82
1061	Stable water isotope characterization of human and natural impacts on land-atmosphere exchanges in the Amazon Basin. Journal of Geophysical Research, 2004, 109, .	3.3	17
1062	Diffusion as the main process for mass transport in very low water content argillites: 2. Fluid flow and mass transport modeling. Water Resources Research, 2004, 40, .	1.7	23
1063	Sensitivity of the $\delta^{18}\text{O}$ -temperature relationship to the distribution of continents. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	9
1064	Stable isotope evidence for moisture sources in the asian summer monsoon under present and past climate regimes. Geophysical Research Letters, 2004, 31, .	1.5	136
1065	An observation-based method for reconstructing ocean surface changes using a 340,000-year deuterium excess record from the Dome Fuji ice core, Antarctica. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	33
1066	Evidence of long-term seasonal climate forcing in rhizolith isotopes during the last glaciation. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	20
1067	Relationship between atmospheric circulation and winter precipitation $\delta^{18}\text{O}$ in central New York State. Geophysical Research Letters, 2004, 31, .	1.5	61
1068	A continuous record of temperature evolution over a sequence of Dansgaard-Oeschger events during Marine Isotopic Stage 4 (76 to 62 kyr BP). Geophysical Research Letters, 2004, 31, .	1.5	108
1069	A late Pleistocene-Holocene noble gas paleotemperature record in southern Michigan. Geophysical Research Letters, 2004, 31, .	1.5	43
1070	Seasonal variations of precipitation $\delta^{18}\text{O}$ in eastern Asia. Journal of Geophysical Research, 2004, 109, .	3.3	32
1071	Evaluation of two-dimensional atmospheric water circulation fields in reanalyses by using precipitation isotopes databases. Journal of Geophysical Research, 2004, 109, .	3.3	25
1072	What do accumulation records of single ice cores in Greenland represent?. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	15
1073	Dynamic hydrologic and geochemical response in a perennial karst spring. Water Resources Research, 2004, 40, .	1.7	55

#	ARTICLE	IF	CITATIONS
1074	Using Stable Water Isotopes to Evaluate Basin-Scale Simulations of Surface Water Budgets. <i>Journal of Hydrometeorology</i> , 2004, 5, 805-822.	0.7	49
1075	Climate stability across the Eocene-Oligocene transition, southern Argentina. <i>Geology</i> , 2004, 32, 621.	2.0	44
1076	Past Climate Variability through Europe and Africa. <i>Developments in Paleoenvironmental Research</i> , 2004, , .	7.5	49
1078	The Climate in Historical Times. <i>Zeitschrift Fâ€™r Europâ€™sches Unternehmens- Und Verbraucherrecht</i> , 2004, , .	0.2	7
1079	The Hadley Circulation: Present, Past and Future. <i>Advances in Global Change Research</i> , 2004, , .	1.6	88
1080	STABLE HYDROGEN ISOTOPE ANALYSIS OF BAT HAIR AS EVIDENCE FOR SEASONAL MOLT AND LONG-DISTANCE MIGRATION. <i>Journal of Mammalogy</i> , 2004, 85, 995-1001.	0.6	132
1081	Deep source CO <sub>2</sub> in natural waters and its role in extensive tufa deposition in the Huanglong Ravines, Sichuan, China. <i>Chemical Geology</i> , 2004, 205, 141-153.	1.4	62
1082	$\delta^{18}O$ values of tree rings as a proxy of monsoon precipitation in arid Northwest China. <i>Chemical Geology</i> , 2004, 206, 73-80.	1.4	38
1084	Molecular and isotopic stratigraphy in an ombrotrophic mire for paleoclimate reconstruction. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2849-2862.	1.6	190
1085	Kinetic $^{17}O$ effects in the hydrologic cycle: Indirect evidence and implications. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 3487-3495.	1.6	109
1086	Stable isotope variations in modern tropical speleothems: Evaluating equilibrium vs. kinetic isotope effects. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 4381-4393.	1.6	218
1087	Oxygen isotopes, upper-ocean salinity, and precipitation sources in the eastern tropical Pacific. <i>Earth and Planetary Science Letters</i> , 2004, 224, 493-507.	1.8	77
1088	Quantification of rapid temperature change during DO event 12 and phasing with methane inferred from air isotopic measurements. <i>Earth and Planetary Science Letters</i> , 2004, 225, 221-232.	1.8	80
1089	Latitudinal temperature gradient during the Cretaceous Upper Campanianâ€“Middle Maastrichtian: $\delta^{18}O$ record of continental vertebrates. <i>Earth and Planetary Science Letters</i> , 2004, 226, 255-272.	1.8	166
1090	Dual porosity mechanism for transient groundwater and gas anomalies induced by external forcing. <i>Earth and Planetary Science Letters</i> , 2004, 227, 473-480.	1.8	20
1091	Paleobiology and skeletochronology of Jurassic dinosaurs: implications from the histology and oxygen isotope compositions of bones. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 206, 217-238.	1.0	68
1092	Reflections of surface water, seasonality and climate in stable oxygen isotopes from tyrannosaurid tooth enamel. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 206, 239-256.	1.0	56
1093	Microscale $\delta^{18}O$ and $\delta^{13}C$ isotopic analysis of an ontogenetic series of the hadrosaurid dinosaur <i>Edmontosaurus</i> : implications for physiology and ecology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 206, 257-287.	1.0	44

#	ARTICLE	IF	CITATIONS
1094	Amount Effect recorded in oxygen isotopes of Late Glacial horse ( <i>Equus</i> ) and bison ( <i>Bison</i> ) teeth from the Sonoran and Chihuahuan deserts, southwestern United States. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 206, 337-353.	1.0	97
1095	Medieval climate warming and aridity as indicated by multiproxy evidence from the Kola Peninsula, Russia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 209, 113-125.	1.0	31
1096	Stable oxygen and carbon isotopes in Late Glacial-Holocene freshwater carbonates from Belarus and their palaeoclimatic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 209, 73-101.	1.0	37
1097	Stable hydrogen isotopic composition of hydrocarbons in torbanites (Late Carboniferous to Late) Tj ETQq1 1 0.784314 rgBT /Overloc	0.9	65
1098	D/H ratios in terrestrially sourced petroleum systems. <i>Organic Geochemistry</i> , 2004, 35, 1169-1195.	0.9	83
1099	Palaeoclimate interpretation of stable isotope data from lake sediment archives. <i>Quaternary Science Reviews</i> , 2004, 23, 811-831.	1.4	985
1100	Hydrological factors in the interpretation of stable isotopic proxy data present and past: a European perspective. <i>Quaternary Science Reviews</i> , 2004, 23, 743-770.	1.4	146
1101	Stable isotopes in tree rings. <i>Quaternary Science Reviews</i> , 2004, 23, 771-801.	1.4	1,403
1102	Palaeoclimatic interpretation of high-resolution oxygen isotope profiles derived from annually laminated speleothems from Southern Oman. <i>Quaternary Science Reviews</i> , 2004, 23, 935-945.	1.4	240
1103	Constraints on hydrological and paleotemperature variations in the Eastern Mediterranean region in the last 140ka given by the $\delta D$ values of speleothem fluid inclusions. <i>Quaternary Science Reviews</i> , 2004, 23, 919-934.	1.4	183
1104	Using mammal tooth phosphate with freshwater carbonate and phosphate palaeoproxies to obtain mean paleotemperatures. <i>Quaternary Science Reviews</i> , 2004, 23, 967-976.	1.4	14
1105	Exploring the effects of environment, physiology and diet on oxygen isotope ratios in ancient Nubian bones and teeth. <i>Journal of Archaeological Science</i> , 2004, 31, 233-250.	1.2	136
1106	Authenticity examination of the inscription on the ossuary attributed to James, brother of Jesus. <i>Journal of Archaeological Science</i> , 2004, 31, 1185-1189.	1.2	9
1107	Regional and seasonal trends in the oxygen and hydrogen isotope ratios of Finnish groundwaters: a key for mean annual precipitation. <i>Journal of Hydrology</i> , 2004, 285, 143-157.	2.3	80
1108	Hydrogeology of Palm Valley, central Australia; a Pleistocene flora refuge?. <i>Journal of Hydrology</i> , 2004, 293, 20-46.	2.3	16
1109	Influence of rainfall quantity on the isotopic composition ( $^{18}O$ and $^2H$ ) of water in mountainous areas. Application for groundwater research in the Yunquera-Nieves karst aquifers (S Spain). <i>Applied Geochemistry</i> , 2004, 19, 561-574.	1.4	72
1110	Isotopic and geochemical evolution of ground and surface waters in a karst dominated geological setting: a case study from Belize, Central America. <i>Applied Geochemistry</i> , 2004, 19, 937-946.	1.4	128
1111	Water mixing in a St. Lawrence river embayment to outline potential sources of pollution. <i>Applied Geochemistry</i> , 2004, 19, 1637-1641.	1.4	16

#	ARTICLE	IF	CITATIONS
1112	Oxygen isotope analyses of mammal bone remains from Holocene sites in European Russia: palaeoclimatic implications. <i>Global and Planetary Change</i> , 2004, 40, 169-176.	1.6	10
1113	Resolving seasonality in tropical trees: multi-decade, high-resolution oxygen and carbon isotope records from Indonesia and Thailand. <i>Earth and Planetary Science Letters</i> , 2004, 218, 301-316.	1.8	140
1114	What was the surface temperature in central Antarctica during the last glacial maximum?. <i>Earth and Planetary Science Letters</i> , 2004, 218, 379-388.	1.8	33
1115	Isotopic evidence for Plio-“Pleistocene environmental change at Gona, Ethiopia. <i>Earth and Planetary Science Letters</i> , 2004, 219, 93-110.	1.8	164
1116	Spatial and temporal variability in the stable isotope systematics of modern precipitation in China: implications for paleoclimate reconstructions. <i>Earth and Planetary Science Letters</i> , 2004, 220, 365-377.	1.8	260
1117	Holocene Records of Rainfall Variation and Associated ITCZ Migration from Stalagmites from Northern and Southern Oman. <i>Advances in Global Change Research</i> , 2004, , 259-287.	1.6	3
1118	Growth processes of an inland Antarctic ice wedge, Mesa Range, northern Victoria Land. <i>Annals of Glaciology</i> , 2004, 39, 379-385.	2.8	10
1119	The influence of precipitation origin on the $\delta^{18}O$ -T relationship at Neumayer station, Ekstrmisen, Antarctica. <i>Annals of Glaciology</i> , 2004, 39, 41-48.	2.8	38
1120	Modelling the isotopic composition of snow using backward trajectories: a particular precipitation event in Dronning Maud Land, Antarctica. <i>Annals of Glaciology</i> , 2004, 39, 293-299.	2.8	13
1121	Palaeoproductivity in the Ross Sea, Antarctica, during the last 15 kyr BP and its link with ice-core temperature proxies. <i>Annals of Glaciology</i> , 2004, 39, 445-451.	2.8	8
1122	Carbon and oxygen isotopic composition of a Guam coral and their relationships to environmental variables in the western Pacific. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 212, 1-22.	1.0	32
1123	Oxygen and carbon isotopic ratios of tree-ring cellulose in a conifer-hardwood mixed forest in northern Japan. <i>Geochemical Journal</i> , 2004, 38, 77-88.	0.5	48
1124	Authenticity Examination of the Jehoash Inscription. <i>Tel Aviv</i> , 2004, 31, 3-16.	0.4	6
1125	Geology and Hydrogeology of the Cayman Islands. <i>Developments in Sedimentology</i> , 2004, 54, 299-326.	0.5	3
1126	Orographic Precipitation and Oregon’s Climate Transition. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 177-191.	0.6	85
1127	Year-to-Year Variations of the Stable Isotopes in Precipitation in February at Cuiabá, Located on the Northern Fringe of Pantanal, Brazil. <i>Journal of Hydrometeorology</i> , 2005, 6, 324-329.	0.7	6
1128	Temporal isotope changes in wet snow layers in association with mass exchange between snow particles and liquid water in between the particles. <i>Annals of Glaciology</i> , 2005, 40, 128-132.	2.8	2
1129	Accumulation variability over a small area in east Dronning Maud Land, Antarctica, as determined from shallow firn cores and snow pits: some implications for ice-core records. <i>Journal of Glaciology</i> , 2005, 51, 343-352.	1.1	28

#	ARTICLE	IF	CITATIONS
1130	Stable-isotope time series and precipitation origin from firn-core and snow samples, Altai glaciers, Siberia. <i>Journal of Glaciology</i> , 2005, 51, 637-654.	1.1	47
1131	D.N. Thomas 2004. Frozen oceans: the floating world of pack ice. London, Natural History Museum. 224pp. ISBN 0 565 09188 3, hardback, £22.. <i>Journal of Glaciology</i> , 2005, 51, 167-168.	1.1	0
1132	Carbon and oxygen isotope ratios in wood constituents of <i>Pinus halepensis</i> as indicators of precipitation, temperature and vapour pressure deficit. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 57, 164.	0.8	68
1133	Stable isotopes and electrical conductivity as keys to understanding water pathways and storage in South Cascade Glacier, Washington, USA. <i>Annals of Glaciology</i> , 2005, 40, 107-112.	2.8	9
1135	ENSO variability in the deuterium-excess record of a coastal Antarctic ice core from the McMurdo Dry Valleys, Victoria Land. <i>Annals of Glaciology</i> , 2005, 41, 140-146.	2.8	10
1136	Isotope-tracking of pore water freshening in the fore-arc basin of the Japan Trench. <i>Marine Geology</i> , 2005, 219, 71-79.	0.9	8
1137	STABLE HYDROGEN AND OXYGEN ISOTOPE COMPOSITION OF PRECIPITATION IN NORTHEASTERN COLORADO. <i>Journal of the American Water Resources Association</i> , 2005, 41, 447-460.	1.0	22
1138	Carbon and oxygen isotope ratios in wood constituents of <i>Pinus halepensis</i> as indicators of precipitation, temperature and vapour pressure deficit. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2005, 57, 164-173.	0.8	93
1139	Climatic controls on central African hydrology during the past 20,000 years. <i>Nature</i> , 2005, 437, 1003-1006.	13.7	401
1140	Oxygen isotope variability in snow from western Dronning Maud Land, Antarctica and its relation to temperature. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2005, 57, 423-435.	0.8	19
1141	Climate oscillations as recorded in svalbard ice core $\delta^{18}O$ records between ad 1200 and 1997. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2005, 87, 203-214.	0.6	47
1142	Characteristics of carbonate content and carbon and oxygen isotopic composition of northern China soil and dust aerosol and its application to tracing dust sources. <i>Atmospheric Environment</i> , 2005, 39, 2631-2642.	1.9	89
1143	Environmental significance of $^{13}C/^{12}C$ and $^{18}O/^{16}O$ ratios of modern land-snail shells from the southern great plains of North America. <i>Quaternary Research</i> , 2005, 63, 15-30.	1.0	73
1144	Paleoenvironment of the Folsom archaeological site, New Mexico, USA, approximately 10,500 14C yr B.P. as inferred from the stable isotope composition of fossil land snail shells. <i>Quaternary Research</i> , 2005, 63, 31-44.	1.0	54
1145	Middle Pleistocene climate and habitat change at Zhoukoudian, China, from the carbon and oxygen isotopic record from herbivore tooth enamel. <i>Quaternary Research</i> , 2005, 63, 329-338.	1.0	30
1146	Regional atmospheric circulation change in the North Pacific during the Holocene inferred from lacustrine carbonate oxygen isotopes, Yukon Territory, Canada. <i>Quaternary Research</i> , 2005, 64, 21-35.	1.0	151
1147	Late Quaternary climate-driven environmental change in the Larsemann Hills, East Antarctica, multi-proxy evidence from a lake sediment core. <i>Quaternary Research</i> , 2005, 64, 83-99.	1.0	99
1148	A Speleothem Record of Younger Dryas Cooling, Klamath Mountains, Oregon, USA. <i>Quaternary Research</i> , 2005, 64, 249-256.	1.0	67

#	ARTICLE	IF	CITATIONS
1149	Modern stable isotopic ( $\delta^{18}\text{O}$ , $\delta^2\text{H}$ , $\delta^{13}\text{C}$ ) variation in terrestrial, fluvial, estuarine and marine waters from north-central Sarawak, Malaysian Borneo. <i>Earth Surface Processes and Landforms</i> , 2005, 30, 901-912.	1.2	12
1150	Progress in isotope tracer hydrology in Canada. <i>Hydrological Processes</i> , 2005, 19, 303-327.	1.1	264
1151	Interannual variation of stable isotopes in precipitation at Bangkok in response to El Niño Southern Oscillation. <i>Hydrological Processes</i> , 2005, 19, 3413-3423.	1.1	38
1153	Shoreline tufa and tufaglomerate from Pleistocene Lake Bonneville, Utah, USA: stable isotopic and mineralogical records of lake conditions, processes, and climate. <i>Journal of Quaternary Science</i> , 2005, 20, 3-19.	1.1	34
1154	Palaeohydrology of Laguna de Tagua Tagua ( $34^\circ 30' \text{S}$ ) and moisture fluctuations in Central Chile for the last 46 000 yr. <i>Journal of Quaternary Science</i> , 2005, 20, 625-641.	1.1	82
1155	Stable isotopes in precipitation recording South American summer monsoon and ENSO variability: observations and model results. <i>Climate Dynamics</i> , 2005, 25, 401-413.	1.7	211
1156	Global application of stable hydrogen and oxygen isotopes to wildlife forensics. <i>Oecologia</i> , 2005, 143, 337-348.	0.9	862
1157	$\delta^{13}\text{C}$ isotopic picture of sulphate-methane-carbonate system in freshwater lakes from Poland. A review. <i>Environmental Chemistry Letters</i> , 2005, 3, 100-112.	8.3	23
1158	Origin of summer monsoon rainfall identified by $\delta^{18}\text{O}$ in precipitation. <i>Science Bulletin</i> , 2005, 50, 2761-2764.	1.7	0
1159	Humidity effect and its influence on the seasonal distribution of precipitation $\delta^{18}\text{O}$ in monsoon regions. <i>Advances in Atmospheric Sciences</i> , 2005, 22, 271-277.	1.9	10
1160	Fractionation mechanism of stable isotope in evaporating water body. <i>Journal of Chinese Geography</i> , 2005, 15, 375-384.	1.5	7
1161	Survey of stable isotope values in Irish surface waters. <i>Journal of Paleolimnology</i> , 2005, 34, 257-269.	0.8	35
1162	A Coupled Calibration and Modelling Approach to the Understanding of Dry-Land Lake Oxygen Isotope Records. <i>Journal of Paleolimnology</i> , 2005, 34, 391-411.	0.8	58
1163	Oxygen Isotope Composition Of Human Teeth And The Record Of Climate Changes In France (Lorraine) During The Last 1700 Years. <i>Climatic Change</i> , 2005, 70, 445-464.	1.7	52
1164	$^{13}\text{C}$ and $^{18}\text{O}$ isotopic analysis to determine the origin of L-tartaric acid. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1227-1230.	0.7	18
1165	Stable hydrogen and oxygen isotope ratios of bottled waters of the world. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3442-3450.	0.7	96
1166	Identification of the Source of Nitrate Contamination in Ground Water below an Agricultural Site, Jeungpyeong, Korea. <i>Journal of Environmental Quality</i> , 2005, 34, 804-815.	1.0	18
1167	Modeling the annual cycle of HDO in the Martian atmosphere. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	100



#	ARTICLE	IF	CITATIONS
1168	Variation in the Stable-Hydrogen Isotope Composition of Northern Goshawk Feathers: Relevance to the Study of Migratory Origins. <i>Condor</i> , 2005, 107, 547-558.	0.7	41
1169	An introduction to models and modelling. , 2005, , 19-33.		1
1170	Modelling of hydrogen and oxygen isotope compositions for local precipitation. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 57, 273.	0.8	30
1171	Oxygen isotope variability in snow from western Dronning Maud Land, Antarctica and its relation to temperature. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 57, 423.	0.8	22
1172	Glacial and interglacial worlds. , 2005, , 74-96.		0
1173	The Holocene. , 2005, , 118-151.		0
1174	New methods for evaluating effects of land-use change. , 2005, , 671-674.		0
1175	Isotope tracers in catchment hydrology in the humid tropics. , 2005, , 770-789.		11
1178	The palaeo-record: approaches, timeframes and chronology. , 2005, , 34-49.		0
1179	The Palaeo-record: archives, proxies and calibration. , 2005, , 50-73.		0
1180	The transition from the last glacial maximum to the Holocene. , 2005, , 97-117.		0
1181	Changing biodiversity. , 2005, , 190-196.		0
1182	Detection and attribution. , 2005, , 197-228.		0
1184	The Anthropocene "a changing atmosphere. , 2005, , 152-168.		0
1185	The Anthropocene "changing land. , 2005, , 169-178.		0
1186	The Anthropocene: changing aquatic environments and ecosystems. , 2005, , 179-189.		0
1187	Future global mean temperatures and sea-level. , 2005, , 229-246.		0
1188	From the global to the specific. , 2005, , 247-261.		0

#	ARTICLE	IF	CITATIONS
1189	Impacts and vulnerability. , 2005, , 262-278.		1
1190	Sceptics, responses and partial answers. , 2005, , 279-295.		0
1191	Origin of summer monsoon rainfall identified by $\delta^{18}\text{O}$ in precipitation. Science Bulletin, 2005, 50, 2761.	1.7	9
1192	GRIP Deuterium Excess Reveals Rapid and Orbital-Scale Changes in Greenland Moisture Origin. Science, 2005, 309, 118-121.	6.0	287
1193	Lake Vostok, Antarctica: Exploring a Subglacial Lake and Searching for Life in an Extreme Environment. Advances in Astrobiology and Biogeophysics, 2005, , 227-288.	0.6	18
1194	Some Classical Concepts Of Isotope Hydrology. , 2005, , 127-137.		21
1195	Isotopes in Atmospheric Moisture. , 2005, , 291-302.		11
1196	Monsoon reconstruction from radiocarbon dated tropical Indian speleothems. Holocene, 2005, 15, 48-59.	0.9	117
1197	The demise of the alga <i>Botryococcus braunii</i> from a Norwegian fjord was due to early eutrophication. Holocene, 2005, 15, 133-140.	0.9	38
1198	High-resolution ice-core stable-isotopic records from Antarctica: towards interannual climate reconstruction. Annals of Glaciology, 2005, 41, 63-70.	2.8	22
1199	Middle Holocene Hydrologic Change and Hypolimnion Formation in Lake Erie. Journal of Great Lakes Research, 2005, 31, 296-308.	0.8	2
1201	Determination of the recharge area and salinization degree of karst springs in the Lamas Basin (Turkey). Isotopes in Environmental and Health Studies, 2005, 41, 391-404.	0.5	10
1202	Groundwater $\delta^{18}\text{O}$ and $\delta^2\text{H}$ from central Indian Peninsula: influence of the Arabian Sea and the Bay of Bengal branches of the summer monsoon. Journal of Hydrology, 2005, 303, 38-55.	2.3	60
1203	Study of stable isotopes in the Kouris catchment (Cyprus) for the description of the regional groundwater flow. Journal of Hydrology, 2005, 308, 214-226.	2.3	54
1204	Assessing the applicability of isotopic analysis of pedogenic gypsum as a paleoclimate indicator, Southern New Mexico. Journal of Arid Environments, 2005, 60, 99-114.	1.2	14
1205	Oxygen and hydrogen isotope ratios in freshwater chert as indicators of ancient climate and hydrologic regime. Geochimica Et Cosmochimica Acta, 2005, 69, 1377-1390.	1.6	42
1206	Sea-rain-lake relation in the Last Glacial East Mediterranean revealed by $\delta^{18}\text{O}$ - $\delta^{13}\text{C}$ in Lake Lisan aragonites. Geochimica Et Cosmochimica Acta, 2005, 69, 4045-4060.	1.6	129
1207	High-resolution $\delta^{13}\text{C}$ intratooth profiles in bovine enamel: Implications for mineralization pattern and isotopic attenuation. Geochimica Et Cosmochimica Acta, 2005, 69, 3631-3642.	1.6	133

#	ARTICLE	IF	CITATIONS
1208	Determination of sediment provenance at drift sites using hydrogen isotopes and unsaturation ratios in alkenones. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 4253-4265.	1.6	103
1209	Correlation between hydrogen isotope ratios of lipid biomarkers and sediment maturity. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 5517-5530.	1.6	64
1210	A 200,000-year $\delta^{18}O$ record of closed-basin lacustrine calcite, Death Valley, California. <i>Chemical Geology</i> , 2005, 216, 99-111.	1.4	9
1211	Stable isotope study of cave percolation waters in subtropical Brazil: Implications for paleoclimate inferences from speleothems. <i>Chemical Geology</i> , 2005, 220, 245-262.	1.4	119
1212	Paleoclimatic implications of the relationship between oxygen isotope ratios of moss cellulose and source water in wetlands of Lake Superior. <i>Chemical Geology</i> , 2005, 222, 281-291.	1.4	43
1213	Rapid climate variability during warm and cold periods in polar regions and Europe. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 935-946.	0.4	13
1214	Large temperature variations over rapid climatic events in Greenland: a method based on air isotopic measurements. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 947-956.	0.4	31
1215	Rapid deuterium-excess changes in Greenland ice cores: a link between the ocean and the atmosphere. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 957-969.	0.4	17
1216	Late Pleistocene to Holocene composite speleothem $\delta^{18}O$ and $\delta^{13}C$ chronologies from South Island, New Zealand – did a global Younger Dryas really exist?. <i>Earth and Planetary Science Letters</i> , 2005, 230, 301-317.	1.8	97
1217	Climatic and ecologic changes during Miocene surface uplift in the Southern Patagonian Andes. <i>Earth and Planetary Science Letters</i> , 2005, 230, 125-142.	1.8	232
1218	On the temperature correlation of $\delta^{18}O$ in modern precipitation. <i>Earth and Planetary Science Letters</i> , 2005, 231, 87-96.	1.8	126
1219	A high-resolution, absolute-dated Holocene and deglacial Asian monsoon record from Dongge Cave, China. <i>Earth and Planetary Science Letters</i> , 2005, 233, 71-86.	1.8	1,510
1220	A 25 m.y. isotopic record of paleodiet and environmental change from fossil mammals and paleosols from the NE margin of the Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2005, 236, 322-338.	1.8	118
1221	Seasonally resolved stable isotope chronologies from northern Thailand deciduous trees. <i>Earth and Planetary Science Letters</i> , 2005, 235, 752-765.	1.8	69
1222	Paleoseasonality inferred from equid teeth and intra-tooth isotopic variability. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 222, 122-144.	1.0	83
1223	The palaeoecology of the non-mammalian cynodonts <i>Diademodon</i> and <i>Cynognathus</i> from the Karoo Basin of South Africa, using stable light isotope analysis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 223, 303-316.	1.0	19
1224	The origin of thermogenic gas hydrates on the northern Cascadia Margin as inferred from isotopic ( $\delta^{13}C/\delta^{12}C$ and $D/H$ ) and molecular composition of hydrate and vent gas. <i>Organic Geochemistry</i> , 2005, 36, 703-716.	0.9	108
1225	Climate reconstruction for the Holsteinian Interglacial in eastern Poland and its comparison with isotopic data from Marine Isotope Stage 11. <i>Quaternary Science Reviews</i> , 2005, 24, 631-644.	1.4	61

#	ARTICLE	IF	CITATIONS
1226	Timing of millennial-scale climate change at Siple Dome, West Antarctica, during the last glacial period. <i>Quaternary Science Reviews</i> , 2005, 24, 1333-1343.	1.4	130
1227	Seasonal Amazonian rainfall variation in the Miocene Climate Optimum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 221, 1-6.	1.0	67
1228	The Amazon. Bio-geochemistry applied to river basin management. <i>Applied Geochemistry</i> , 2005, 20, 1746-1829.	1.4	40
1229	Stable isotope ( $2\text{H}$ , $18\text{O}$ and $87\text{Sr}/86\text{Sr}$ ) and hydrochemistry monitoring for groundwater hydrodynamics analysis in a karst aquifer (Gran Sasso, Central Italy). <i>Applied Geochemistry</i> , 2005, 20, 2063-2081.	1.4	180
1230	Forcing of the Asian monsoon on the Tibetan Plateau: Evidence from high-resolution ice core and tropical coral records. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	80
1231	Seasonal variations in oxygen isotope ratios of daily collected precipitation and wind drift samples and in the final snow cover at Dome Fuji Station, Antarctica. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	30
1232	Isotopic composition and origin of snow over Siberia. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	24
1233	Holocene climatic changes in Greenland: Different deuterium excess signals at Greenland Ice Core Project (GRIP) and NorthGRIP. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	88
1234	The role of topography on catchment-scale water residence time. <i>Water Resources Research</i> , 2005, 41, .	1.7	571
1235	Abrupt climate shifts in Greenland due to displacements of the sea ice edge. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	148
1236	Stable isotopes in precipitation in the Asian monsoon region. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	221
1237	Stable Oxygen and Hydrogen Isotopes in Precipitation. , 2005, , 39-51.		46
1238	VARIATION IN THE STABLE-HYDROGEN ISOTOPE COMPOSITION OF NORTHERN GOSHAWK FEATHERS: RELEVANCE TO THE STUDY OF MIGRATORY ORIGINS. <i>Condor</i> , 2005, 107, 547.	0.7	40
1239	Tracing dietary protein in red-backed voles ( <i>Clethrionomys gapperi</i> ) using stable isotopes of nitrogen and carbon. <i>Canadian Journal of Zoology</i> , 2005, 83, 717-725.	0.4	40
1240	ISOTOPES IN LAKE SEDIMENTS. <i>Developments in Paleoenvironmental Research</i> , 2006, , 147-184.	7.5	98
1241	Isotopic discrimination of resource partitioning among ungulates in C3-dominated communities from the Miocene of Florida and California. <i>Paleobiology</i> , 2006, 32, 191-205.	1.3	86
1244	Microorganisms in the Malan ice core and their relation to climatic and environmental changes. <i>Global Biogeochemical Cycles</i> , 2006, 20, n/a-n/a.	1.9	39
1245	Modeling $\delta^{18}\text{O}$ in tropical precipitation and the surface $\delta^{18}\text{O}$ ocean for present-day climate. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	45

#	ARTICLE	IF	CITATIONS
1246	Effect of enriched early dropped rainwater on mesoscale isotopic distribution in surface water on the Kii Peninsula, Japan. <i>Water Resources Research</i> , 2006, 42, .	1.7	1
1247	Postglacial climate reconstruction based on compound-specific D/H ratios of fatty acids from Blood Pond, New England. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	66
1248	Role of deep convection in establishing the isotopic composition of water vapor in the tropical transition layer. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	37
1249	Modeling the oxygen 18 concentration in precipitation with ambient climatic and geographic parameters. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	19
1250	Observations of upper tropospheric/lower stratospheric water vapor and its isotopes. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	16
1251	Correlation of the isotopic composition in precipitation with local conditions in alpine regions. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	34
1252	Isotopic exchange between snow and atmospheric water vapor: Estimation of the snowmelt component of groundwater recharge in the southwestern United States. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	172
1253	Svalbard summer melting, continentality, and sea ice extent from the Lomonosovfonna ice core. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	24
1254	Modeling the isotopic composition of Antarctic snow using backward trajectories: Simulation of snow pit records. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	50
1255	Tropospheric Emission Spectrometer observations of the tropospheric HDO/H <sub>2</sub> O ratio: Estimation approach and characterization. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	167
1256	Isotopic composition of the precipitations in the central Mediterranean: Origin marks and orographic precipitation effects. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	54
1257	Seasonal variation in the stable isotopic composition of precipitation in the tropical montane forests of Monteverde, Costa Rica. <i>Water Resources Research</i> , 2006, 42, .	1.7	52
1258	Influence of volcanic history on groundwater patterns on the west slope of the Oregon High Cascades. <i>Water Resources Research</i> , 2006, 42, .	1.7	58
1259	Geochemistry of rainfall at Stromboli volcano (Aeolian Islands): Isotopic composition and plume-rain interaction. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	43
1260	Stable isotopes in daily precipitation at Dome Fuji, East Antarctica. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	106
1261	Antarctic temperatures over the past two centuries from ice cores. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	88
1262	ISOTOPES IN TREE RINGS. , 2006, , 67-116.		23
1263	Isotopic records from early whales and sea cows: contrasting patterns of ecological transition. <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 355-370.	0.4	95

#	ARTICLE	IF	CITATIONS
1265	ISOTOPES IN WATER. , 2006, , 1-66.		68
1266	A GEOGRAPHIC-INFORMATION-SYSTEM APPROACH TO ESTIMATING THE ORIGIN OF MIGRATORY RAPTORS IN NORTH AMERICA USING STABLE HYDROGEN ISOTOPE RATIOS IN FEATHERS. <i>Auk</i> , 2006, 123, 822.	0.7	66
1267	Quantification of Deuterium Isotopomers of Tree-Ring Cellulose Using Nuclear Magnetic Resonance. <i>Analytical Chemistry</i> , 2006, 78, 8406-8411.	3.2	33
1268	Links between Mountain Uplift, Climate, and Surface Processes in the Southern Patagonian Andes. , 2006, , 429-440.		17
1269	Multiple generations of high salinity formation water in the Triassic Sherwood Sandstone: Wytch Farm oilfield, onshore UK. <i>Applied Geochemistry</i> , 2006, 21, 455-475.	1.4	33
1270	Moisture source in the Hyblean Mountains region (south-eastern Sicily, Italy): Evidence from stable isotopes signature. <i>Applied Geochemistry</i> , 2006, 21, 2082-2095.	1.4	21
1271	Isotope calibrated Greenland temperature record over Marine Isotope Stage 3 and its relation to CH <sub>4</sub> . <i>Earth and Planetary Science Letters</i> , 2006, 243, 504-519.	1.8	338
1272	Reconstruction of past precipitation $\delta^{18}\text{O}$ using tree-ring cellulose $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ : A calibration study near Lac d'Annecy, France. <i>Earth and Planetary Science Letters</i> , 2006, 243, 439-448.	1.8	80
1273	Seasonal trace-element and stable-isotope variations in a Chinese speleothem: The potential for high-resolution paleomonsoon reconstruction. <i>Earth and Planetary Science Letters</i> , 2006, 244, 394-407.	1.8	278
1274	Oxygen isotopes from biogenic apatites suggest widespread endothermy in Cretaceous dinosaurs. <i>Earth and Planetary Science Letters</i> , 2006, 246, 41-54.	1.8	102
1275	Stable isotope evidence of dual (Arabian Sea and Bay of Bengal) vapour sources in monsoonal precipitation over north India. <i>Earth and Planetary Science Letters</i> , 2006, 250, 511-521.	1.8	169
1276	$\delta^{18}\text{O}$ of tree-ring cellulose in two species (spruce and oak) as proxies of precipitation amount and relative humidity in northern Japan. <i>Chemical Geology</i> , 2006, 231, 67-76.	1.4	24
1277	Effect of chemical composition of water on the oxygen-18 and carbon-13 signature preserved in cryogenic carbonates, Arctic Canada: Implications in paleoclimatic studies. <i>Chemical Geology</i> , 2006, 234, 1-16.	1.4	31
1278	Influence of physiology and climate on $\delta^2\text{D}$ of leaf wax n-alkanes from C <sub>3</sub> and C <sub>4</sub> grasses. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 1172-1187.	1.6	313
1279	Boron isotopic composition of atmospheric precipitations and liquidâ€“vapour fractionations. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 1603-1615.	1.6	62
1280	Stable water isotopes in the atmosphere/biosphere/lithosphere interface: Scaling-up from the local to continental scale, under humid and dry conditions. <i>Global and Planetary Change</i> , 2006, 51, 25-33.	1.6	68
1281	Iso-MATSIRO, a land surface model that incorporates stable water isotopes. <i>Global and Planetary Change</i> , 2006, 51, 90-107.	1.6	82
1282	Improving land-surface parameterization schemes using stable water isotopes: Introducing the $\delta^2\text{H}$ -IPILPS <sup>TM</sup> initiative. <i>Global and Planetary Change</i> , 2006, 51, 3-24.	1.6	20

#	ARTICLE	IF	CITATIONS
1283	Water isotopes in the GISS ModelE land surface scheme. <i>Global and Planetary Change</i> , 2006, 51, 108-120.	1.6	37
1284	Climat et Atmosphère au Quaternaire: de nouveaux carottages glaciaires. <i>Comptes Rendus - Palevol</i> , 2006, 5, 45-55.	0.1	6
1285	Rhinocerotid tooth enamel $^{18}\text{O}/^{16}\text{O}$ variability between 23 and 12 Ma in southwestern France. <i>Comptes Rendus - Geoscience</i> , 2006, 338, 172-179.	0.4	12
1286	Contribution of stable isotopes to the understanding of the unsaturated zone of a carbonate aquifer (Nerja Cave, southern Spain). <i>Comptes Rendus - Geoscience</i> , 2006, 338, 1203-1212.	0.4	17
1287	Soils and palaeo-climate based evidence for irrigation requirements in Norse Greenland. <i>Journal of Archaeological Science</i> , 2006, 33, 1666-1679.	1.2	38
1288	The hydrogen and oxygen isotopic composition of precipitation, evaporated mine water, and river water in Montana, USA. <i>Journal of Hydrology</i> , 2006, 328, 319-330.	2.3	130
1289	Isotopic composition of precipitation in Northern Italy: Reverse effect of anomalous climatic events. <i>Journal of Hydrology</i> , 2006, 329, 471-476.	2.3	61
1290	Isotopic characteristics of precipitation in Slovenia and Croatia: Comparison of continental and maritime stations. <i>Journal of Hydrology</i> , 2006, 330, 457-469.	2.3	102
1291	A review and evaluation of catchment transit time modeling. <i>Journal of Hydrology</i> , 2006, 330, 543-563.	2.3	712
1292	Stable hydrogen-isotope ratios in beetle chitin: preliminary European data and re-interpretation of North American data. <i>Quaternary Science Reviews</i> , 2006, 25, 1850-1864.	1.4	35
1293	Interhemispheric anti-phasing of rainfall during the last glacial period. <i>Quaternary Science Reviews</i> , 2006, 25, 3391-3403.	1.4	242
1294	Quaternary beetle research: the state of the art. <i>Quaternary Science Reviews</i> , 2006, 25, 1731-1737.	1.4	15
1295	Temperature responses to quasi-100-yr solar variability during the past 6000 years based on $\delta^{18}\text{O}$ of peat cellulose in Hongyuan, eastern Qinghai-Tibet plateau, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 230, 155-164.	1.0	69
1296	Implications for the Late Pleistocene climate in Finland and adjacent areas from the isotopic composition of mammoth skeletal remains. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 231, 322-330.	1.0	30
1297	East Asian summer monsoon variability during Marine Isotope Stage 5 based on speleothem $\delta^{18}\text{O}$ records from Wanxiang Cave, central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 236, 5-19.	1.0	70
1298	Palaeoenvironment and palaeoclimate of the Middle Miocene lake in the Steinheim basin, SW Germany: A reconstruction from C, O, and Sr isotopes of fossil remains. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 457-491.	1.0	155
1299	Stable isotopes as one of nature's ecological recorders. <i>Trends in Ecology and Evolution</i> , 2006, 21, 408-414.	4.2	409
1300	Intrashell Radiocarbon Variability in Marine Mollusks. <i>Radiocarbon</i> , 2006, 48, 387-400.	0.8	87

#	ARTICLE	IF	CITATIONS
1301	Past temperature reconstructions from deep ice cores: relevance for future climate change. <i>Climate of the Past</i> , 2006, 2, 145-165.	1.3	95
1302	A Geographic-Information-System Approach to Estimating the Origin of Migratory Raptors in North America Using Stable Hydrogen Isotope Ratios in Feathers. <i>Auk</i> , 2006, 123, 822-835.	0.7	70
1304	Spatial and temporal variations of oxygen isotopes in snowpacks and glacial runoff in different types of glacial area in western China. <i>Annals of Glaciology</i> , 2006, 43, 269-274.	2.8	18
1305	The overwhelming role of soils in the global atmospheric hydrogen cycle. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 1611-1625.	1.9	118
1306	Precipitation trapped in datable rock-forming minerals: estimating Antarctic palaeoelevations - a discussion. <i>Antarctic Science</i> , 2006, 18, 123-139.	0.5	1
1308	Oxygen-18 isotopes in precipitation on the eastern Tibetan Plateau. <i>Annals of Glaciology</i> , 2006, 43, 263-268.	2.8	20
1309	Stable water isotopes as tools for basin-scale water cycle: Diagnosis of the Murrayâ€ˆDarling. <i>Radioactivity in the Environment</i> , 2006, , 307-316.	0.2	0
1310	Hydrogen exchange during cellulose synthesis distinguishes climatic and biochemical isotope fractionations in tree rings. <i>New Phytologist</i> , 2006, 172, 490-499.	3.5	53
1311	The rise and growth of Tibet. <i>Nature</i> , 2006, 439, 670-671.	13.7	185
1312	Palaeo-altimetry of the late Eocene to Miocene Lunpola basin, central Tibet. <i>Nature</i> , 2006, 439, 677-681.	13.7	684
1313	Palaeoclimate signals as inferred from stable-isotope composition of ground ice in the Verkhoyansk foreland, Central Yakutia. <i>Permafrost and Periglacial Processes</i> , 2006, 17, 119-132.	1.5	48
1314	Hydraulic Lift in Cork Oak Trees in a Savannah-Type Mediterranean Ecosystem and its Contribution to the Local Water Balance. <i>Plant and Soil</i> , 2006, 282, 361-378.	1.8	123
1315	Holocene records of carbon and hydrogen isotope ratios of organic matter in annually laminated sediments of Lake Korttajärvi, central Finland. <i>Journal of Paleolimnology</i> , 2006, 36, 233-243.	0.8	10
1316	The glacial inception as recorded in the NorthGRIP Greenland ice core: timing, structure and associated abrupt temperature changes. <i>Climate Dynamics</i> , 2006, 26, 273-284.	1.7	63
1317	Past and future polar amplification of climate change: climate model intercomparisons and ice-core constraints. <i>Climate Dynamics</i> , 2006, 26, 513-529.	1.7	240
1318	Environmental isotopic study on the recharge and residence time of groundwater in the Heihe River Basin, northwestern China. <i>Hydrogeology Journal</i> , 2006, 14, 1635-1651.	0.9	94
1319	Hydrogen isotopic compositions of n-alkanes from terrestrial plants correlate with their ecological life forms. <i>Oecologia</i> , 2006, 150, 330-338.	0.9	138
1320	Assigning birds to wintering and breeding grounds using stable isotopes: lessons from two feather generations among three intercontinental migrants. <i>Journal Fur Ornithologie</i> , 2006, 147, 395-404.	1.2	54



#	ARTICLE	IF	CITATIONS
1321	Stable isotope and fluid inclusion evidence for the origin of the Brandberg West area Snâ€W vein deposits, NW Namibia. <i>Mineralium Deposita</i> , 2006, 41, 671-690.	1.7	28
1322	Stable isotopic variations in precipitation in Southwest China. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 649-658.	1.9	5
1323	Characterization of surface water and groundwater in the Damascus Ghotta basin: hydrochemical and environmental isotopes approaches. <i>Environmental Geology</i> , 2006, 51, 173-201.	1.2	38
1324	Thickness and stable isotopic characteristics of modern seasonal climate-controlled sub-annual travertine laminas in a travertine-depositing stream at Baishuitai, SW China: implications for paleoclimate reconstruction. <i>Environmental Geology</i> , 2006, 51, 257-265.	1.2	38
1325	A Geochemical study of the groundwater in the Misli basin and environmental implications. <i>Environmental Geology</i> , 2006, 51, 857-868.	1.2	17
1326	Variations of $\delta^{18}O$ in precipitation from the Muztagata Glacier, East Pamirs. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 36-42.	0.9	18
1327	$\delta^{18}O$ record and temperature change over the past 100 years in ice cores on the Tibetan Plateau. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 1-9.	0.9	70
1328	Synoptic-scale variation of $\delta^{18}O$ in summer monsoon rainfall at Lijiang, China. <i>Science Bulletin</i> , 2006, 51, 2897-2904.	1.7	30
1329	A multiproxy environmental investigation of Holocene wood from a submerged conifer forest in Lake Huron, USA. <i>Quaternary Research</i> , 2006, 66, 67-77.	1.0	13
1330	Ground ice and slope sediments archiving late Quaternary paleoenvironment and paleoclimate signals at the margins of El'gygytyn Impact Crater, NE Siberia. <i>Quaternary Research</i> , 2006, 66, 259-272.	1.0	62
1331	Palaeoclimatic records from stable isotopes in riverine tufas: Synthesis and review. <i>Earth-Science Reviews</i> , 2006, 75, 85-104.	4.0	277
1332	A review of the oxygen isotope composition of lacustrine diatom silica for palaeoclimate reconstruction. <i>Earth-Science Reviews</i> , 2006, 75, 5-27.	4.0	158
1333	Seasonal isotopic variability of precipitation and cave drip water at Indian Oven Cave, New York. <i>Hydrological Processes</i> , 2006, 20, 1793-1803.	1.1	19
1334	Hydrological processes controlling ground and surface water flow from a hypermaritime forestâ€peatland complex, Diana Lake Provincial Park, British Columbia, Canada. <i>Hydrological Processes</i> , 2006, 20, 2819-2837.	1.1	18
1335	Isotopic variations in precipitation at Bangkok and their climatological significance. <i>Hydrological Processes</i> , 2006, 20, 2873-2884.	1.1	18
1336	Contributions of biogeochemistry to understanding hominin dietary ecology. <i>American Journal of Physical Anthropology</i> , 2006, 131, 131-148.	2.1	110
1337	Characterization of the sources of thermal spring- and well water in Jordan by rare earth element and yttrium distribution and stable isotopes of H <sub>2</sub> O. <i>Clean - Soil, Air, Water</i> , 2006, 34, 101-116.	0.8	26
1338	Climatic and atmospheric circulation pattern variability from ice-core isotope/geochemistry records (Altai, Tien Shan and Tibet). <i>Annals of Glaciology</i> , 2006, 43, 49-60.	2.8	130

#	ARTICLE	IF	CITATIONS
1339	Ice-sheet modelling characteristics in sea-level-based temperature reconstructions over the last glacial cycle. <i>Journal of Glaciology</i> , 2006, 52, 149-158.	1.1	3
1340	Co-occurring species differ in tree-ring $\delta^{18}O$ trends. <i>Tree Physiology</i> , 2006, 26, 1055-1066.	1.4	55
1341	Mid-latitude shelf seas: a NW European perspective on the seasonal dynamics of temperature, salinity and oxygen isotopes. <i>Holocene</i> , 2006, 16, 937-947.	0.9	32
1342	Stable isotope composition of daily and monthly precipitation in Zagreb. <i>Isotopes in Environmental and Health Studies</i> , 2006, 42, 239-249.	0.5	12
1343	Seasonality and the isotope hydrology of Lochnagar, a Scottish mountain lake: implications for palaeoclimate research. <i>Holocene</i> , 2007, 17, 717-727.	0.9	32
1344	The Isotopic Composition of Present-Day Antarctic Snow in a Lagrangian Atmospheric Simulation*. <i>Journal of Climate</i> , 2007, 20, 739-756.	1.2	46
1345	Simulation of the Stable Water Isotopes in Precipitation over South America: Comparing Regional to Global Circulation Models. <i>Journal of Climate</i> , 2007, 20, 3730-3750.	1.2	68
1346	Orographic Precipitation and Water Vapor Fractionation over the Southern Andes. <i>Journal of Hydrometeorology</i> , 2007, 8, 3-19.	0.7	112
1347	To What Extent Can Ice Core Data Contribute to the Understanding of Plant Ecological Developments of the Past?. <i>Journal of Nano Education (Print)</i> , 2007, 1, 211-233.	0.3	25
1348	Applications of Stable Isotope Measurements for Early Warning Detection of Ecological Change. <i>Journal of Nano Education (Print)</i> , 2007, 1, 383-398.	0.3	3
1349	Temperature variations over the past millennium on the Tibetan Plateau revealed by four ice cores. <i>Annals of Glaciology</i> , 2007, 46, 362-366.	2.8	30
1350	Chapter Eleven Biomarkers as Paleoceanographic Proxies. <i>Developments in Marine Geology</i> , 2007, , 441-490.	0.4	9
1351	Greenland (GISP2) ice core and historical indicators of complex North Atlantic climate changes during the fourteenth century. <i>Holocene</i> , 2007, 17, 427-434.	0.9	62
1352	Stable Isotope Variations in Precipitation and Moisture Trajectories on the Western Tibetan Plateau, China. <i>Arctic, Antarctic, and Alpine Research</i> , 2007, 39, 688-693.	0.4	50
1353	PALEOCEANOGRAPHY, PHYSICAL AND CHEMICAL PROXIES   Oxygen Isotopic Composition of Seawater. , 2007, , 1748-1756.		4
1354	Summer precipitation influences the stable oxygen and carbon isotopic composition of tree-ring cellulose in <i>Pinus ponderosa</i> . <i>Tree Physiology</i> , 2007, 27, 491-501.	1.4	48
1355	Stable Isotope-Based Paleoaltimetry: Theory and Validation. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 66, 23-52.	2.2	100
1356	Stable Isotope Paleoaltimetry in Orogenic Belts The Silicate Record in Surface and Crustal Geological Archives. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 66, 89-118.	2.2	66

#	ARTICLE	IF	CITATIONS
1357	Stable isotope and DNA evidence for ritual sequences in Inca child sacrifice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16456-16461.	3.3	138
1358	Mortar Dating Using AMS <sup>14</sup> C and Sequential Dissolution: Examples from Medieval, Non-Hydraulic Lime Mortars from the Åland Islands, SW Finland. <i>Radiocarbon</i> , 2007, 49, 47-67.	0.8	96
1359	Evolução Isotópica de Oxigênio-18 e Deutério das Águas meteóricas da cidade de Salvador no período 2003-2005. , 2007, , .		0
1360	ISOTOPIC ECOLOGY OF THE MODERN LAND SNAIL CERION, SAN SALVADOR, BAHAMAS: PRELIMINARY ADVANCES TOWARD ESTABLISHING A LOW-LATITUDE ISLAND PALEOENVIRONMENTAL PROXY. <i>Palaios</i> , 2007, 22, 174-187.	0.6	59
1361	Stable Carbon and Oxygen Isotopes in Recent Sediments of Lake Wigry, NE Poland: Implications for Lake Morphometry and Environmental Changes. <i>Journal of Nano Education (Print)</i> , 2007, , 267-281.	0.3	6
1362	The Future of Large-Scale Stable Isotope Networks. <i>Journal of Nano Education (Print)</i> , 2007, , 361-381.	0.3	1
1363	Assessing the possibility to couple the chemical signal in winter snow on Storglaciären, Sweden, to atmospheric climatology. <i>Annals of Glaciology</i> , 2007, 46, 335-341.	2.8	11
1364	Controlled experiments on the diffusion rate of stable isotopes of water in artificial firn. <i>Journal of Glaciology</i> , 2007, 53, 537-546.	1.1	5
1365	Compound-Specific Hydrogen Isotope Ratios of Biomarkers: Tracing Climatic Changes in the Past. <i>Journal of Nano Education (Print)</i> , 2007, 1, 249-265.	0.3	6
1366	An Isotopic Exploration of the Potential of Avian Tissues to Track Changes in Terrestrial and Marine Ecosystems. <i>Journal of Nano Education (Print)</i> , 2007, , 127-144.	0.3	2
1367	Chapter Eighteen The Use of Oxygen and Carbon Isotopes of Foraminifera in Paleoceanography. <i>Developments in Marine Geology</i> , 2007, 1, 735-764.	0.4	110
1368	Stable isotope paleoaltimetry of Eocene core complexes in the North American Cordillera. <i>Tectonics</i> , 2007, 26, .	1.3	71
1369	Holocene ITCZ and Indian monsoon dynamics recorded in stalagmites from Oman and Yemen (Socotra). <i>Quaternary Science Reviews</i> , 2007, 26, 170-188.	1.4	866
1370	The GRIP deuterium-excess record. <i>Quaternary Science Reviews</i> , 2007, 26, 1-17.	1.4	113
1371	Paleohydrological changes during the last deglaciation in Northern Brazil. <i>Quaternary Science Reviews</i> , 2007, 26, 1004-1015.	1.4	54
1372	Environmental setting, (micro)morphologies and stable <sup>18</sup> O isotope composition of cold climate carbonate precipitates—a review and evaluation of their potential as paleoclimatic proxies. <i>Quaternary Science Reviews</i> , 2007, 26, 1670-1689.	1.4	45
1373	Centennial-scale oscillations in oxygen and carbon isotopes of endogenic calcite from a 15,500 year record of the Piñon interglacial. <i>Quaternary Science Reviews</i> , 2007, 26, 1725-1735.	1.4	29
1374	MIS 3 mammoth remains from Sweden—implications for faunal history, palaeoclimate and glaciation chronology. <i>Quaternary Science Reviews</i> , 2007, 26, 3081-3098.	1.4	65

#	ARTICLE	IF	CITATIONS
1375	Isotopic reconstructions of habitat change surrounding the extinction of Sivapithecus, a Miocene hominoid, in the Siwalik Group of Pakistan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 243, 204-222.	1.0	125
1376	Oxygen-isotope record of paleorainwater in authigenic carbonates of Chinese loess-paleosol sequences and its paleoclimatic significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 245, 551-559.	1.0	22
1377	Sequence stratigraphic controls on synsedimentary cementation and preservation of dinosaur tracks: Example from the lower Cretaceous, (Upper Albian) Dakota Formation, Southeastern Nebraska, U.S.A.. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 246, 367-389.	1.0	16
1378	The importance of Quaternary records in reducing risk from tropical cyclones. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 251, 137-149.	1.0	16
1379	The effect of source and maturity on the stable isotopic compositions of individual hydrocarbons in sediments and crude oils from the Vulcan Sub-basin, Timor Sea, Northern Australia. <i>Organic Geochemistry</i> , 2007, 38, 1015-1038.	0.9	73
1380	Effects of surface-water irrigation on sources, fluxes, and residence times of water, nitrate, and uranium in an alluvial aquifer. <i>Applied Geochemistry</i> , 2007, 22, 152-174.	1.4	60
1381	New isotopic evidence for the origin of groundwater from the Nubian Sandstone Aquifer in the Negev, Israel. <i>Applied Geochemistry</i> , 2007, 22, 1052-1073.	1.4	72
1382	Greater frequency variability of landfalling tropical cyclones at centennial compared to seasonal and decadal scales. <i>Earth and Planetary Science Letters</i> , 2007, 255, 367-372.	1.8	76
1383	High- and low-latitude orbital forcing of early hominin habitats in South Africa. <i>Earth and Planetary Science Letters</i> , 2007, 256, 419-432.	1.8	54
1384	A high-resolution, absolute-dated deglacial speleothem record of Indian Ocean climate from Socotra Island, Yemen. <i>Earth and Planetary Science Letters</i> , 2007, 259, 442-456.	1.8	159
1385	Regional-scale climate influences on temporal variations of rainwater and cave dripwater oxygen isotopes in northern Borneo. <i>Earth and Planetary Science Letters</i> , 2007, 263, 207-220.	1.8	118
1386	O and S isotopic composition of dissolved and attached oxidation products of pyrite by <i>Acidithiobacillus ferrooxidans</i> : Comparison with abiotic oxidations. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2474-2490.	1.6	63
1387	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
1388	Geochemical studies of pore fluid in surface sediment on the Daini Atsumi Knoll. <i>Journal of Geochemical Exploration</i> , 2007, 95, 29-39.	1.5	5
1389	Isotopic variation of precipitation over eastern Mongolia and its implication for the atmospheric water cycle. <i>Journal of Hydrology</i> , 2007, 333, 21-34.	2.3	92
1390	Stable isotope compositions of mammoth teeth from Niederweningen, Switzerland: Implications for the Late Pleistocene climate, environment, and diet. <i>Quaternary International</i> , 2007, 164-165, 139-150.	0.7	69
1391	Using Stable Isotopes as Indicators, Tracers, and Recorders of Ecological Change: Some Context and Background. <i>Journal of Nano Education (Print)</i> , 2007, 1, 1-18.	0.3	34
1392	Groundwater Recharge from Run-Off, Infiltration and Percolation. <i>Water Science and Technology Library</i> , 2007, , .	0.2	52

#	ARTICLE	IF	CITATIONS
1394	Recent climate and stable isotopes in modern surface waters of northernmost Ungava Peninsula, Canada. <i>Canadian Journal of Earth Sciences</i> , 2007, 44, 171-180.	0.6	8
1395	Origin, age, and paleoenvironmental significance of carbonate precipitates from a granitic environment, Akshayuk Pass, southern Baffin Island, Canada. <i>Canadian Journal of Earth Sciences</i> , 2007, 44, 61-79.	0.6	13
1396	Stable Isotopes and Human Water Resources: Signals of Change. <i>Journal of Nano Education (Print)</i> , 2007, , 283-300.	0.3	4
1397	An oxygen isotope record from the Foscagno rock-glacier ice core, Upper Valtellina, Italian Central Alps. <i>Holocene</i> , 2007, 17, 1033-1039.	0.9	15
1398	Tracing Increasing Tropical Andean Glacier Melt with Stable Isotopes in Water. <i>Environmental Science &amp; Technology</i> , 2007, 41, 6955-6960.	4.6	75
1399	Isotopic characteristics of meteoric waters in the Belgrade region. <i>Isotopes in Environmental and Health Studies</i> , 2007, 43, 355-367.	0.5	7
1400	Comparison of monthly and daily isotopic composition of precipitation in the coastal area of Slovenia. <i>Isotopes in Environmental and Health Studies</i> , 2007, 43, 307-321.	0.5	23
1401	Precipitation origin and evaporation of lakes in semi-arid Patagonia (Argentina) inferred from stable isotopes ( $\delta^{18}O$ , $\delta^2H$ ). <i>Journal of Hydrology</i> , 2007, 334, 53-63.	2.3	132
1402	Regional-scale stable isotopic signatures of recharge and deep groundwater in the arsenic affected areas of West Bengal, India. <i>Journal of Hydrology</i> , 2007, 334, 151-161.	2.3	127
1403	Regional groundwater flow paths in Trans-Pecos, Texas inferred from oxygen, hydrogen, and strontium isotopes. <i>Journal of Hydrology</i> , 2007, 334, 334-346.	2.3	45
1404	Natural discharge: A key to sustainable utilization of fossil groundwater. <i>Journal of Hydrology</i> , 2007, 335, 25-36.	2.3	86
1405	Analysis of water movement through an unsaturated soil zone in Jeju Island, Korea using stable oxygen and hydrogen isotopes. <i>Journal of Hydrology</i> , 2007, 345, 199-211.	2.3	65
1406	Global optimization of a deuterium calibrated, discrete-state compartment model (DSCM): Application to the eastern Nevada Test Site. <i>Journal of Hydrology</i> , 2007, 345, 237-253.	2.3	4
1407	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
1408	Diagnosing moisture transport using D/H ratios of water vapor. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	75
1409	Relationship between the origin of precipitation in the Jordan Rift valley and their geochemical composition. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	11
1410	Analysis of the global distribution of water isotopes using the NCAR atmospheric general circulation model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	174
1411	An up-to-date quality-controlled surface mass balance data set for the 90°W–180°E Antarctica sector and 1950–2005 period. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	42

#	ARTICLE	IF	CITATIONS
1412	Stable isotopic variations in west China: A consideration of moisture sources. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	443
1413	Water isotope expressions of intrinsic and forced variability in a coupled ocean-atmosphere model. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	248
1414	A multiproxy assessment of the western equatorial Pacific hydrography during the last 30 kyr. <i>Paleoceanography</i> , 2007, 22, .	3.0	62
1415	Temporal stability of climate–isotope relationships in tree rings of oak and pine (Ticino, Switzerland). <i>Global Biogeochemical Cycles</i> , 2007, 21, .	1.9	60
1416	Amount-weighted annual isotopic ( $\delta^{18}\text{O}$ ) values are affected by the seasonality of precipitation: A sensitivity study. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	55
1417	Coupling of water and carbon fluxes via the terrestrial biosphere and its significance to the Earth's climate system. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	36
1418	Gridded data set of the stable isotopic composition of precipitation over the eastern and central Mediterranean. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	51
1419	Eastern tropical Pacific hydrologic changes during the past 27,000 years from D/H ratios in alkenones. <i>Paleoceanography</i> , 2007, 22, .	3.0	113
1420	Cloud water in windward and leeward mountain forests: The stable isotope signature of orographic cloud water. <i>Water Resources Research</i> , 2007, 43, .	1.7	77
1421	Stable Isotopes in the Sedimentary Record. , 2007, , 1-55.		5
1422	Paleoaltimetry from Stable Isotope Compositions of Fossils. <i>Reviews in Mineralogy and Geochemistry</i> , 2007, 66, 119-154.	2.2	47
1423	Stable Isotope-Based Paleoaltimetry. <i>Annual Review of Earth and Planetary Sciences</i> , 2007, 35, 463-508.	4.6	281
1424	Review: Studies and Applications of Stable Isotopes in Precipitation. <i>Journal of Japanese Association of Hydrological Sciences</i> , 2007, 37, 165-185.	0.2	13
1425	CARBONATE STABLE ISOTOPES   Lake Sediments. , 2007, , 351-359.		4
1426	ICE CORE RECORDS   South America. , 2007, , 1233-1242.		0
1427	Footprints of climate in groundwater and precipitation. <i>Hydrology and Earth System Sciences</i> , 2007, 11, 785-791.	1.9	7
1428	2. Stable Isotope-Based Paleoaltimetry: Theory and Validation. , 2007, , 23-52.		4
1429	4. Stable Isotope Paleoaltimetry in Orogenic Belts - The Silicate Record in Surface and Crustal Geological Archives. , 2007, , 89-118.		1

#	ARTICLE	IF	CITATIONS
1430	PALEOCLIMATE RECONSTRUCTION   Approaches. , 2007, , 1942-1948.		1
1433	Estimation of mean residence times of subsurface waters using seasonal variation in deuterium excess in a small headwater catchment in Japan. <i>Hydrological Processes</i> , 2007, 21, 308-322.	1.1	70
1434	Multivariate models for the concentration of oxygen-18 in precipitation based on meteorological and geographical features. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2007, 89, 1-8.	1.8	5
1435	Global satellite measurements of HDO and implications for understanding the transport of water vapour into the stratosphere. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2007, 133, 1459-1471.	1.0	54
1436	Assessing environmental and physiological controls over water relations in a Scots pine ( <i>Pinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58 Plant, Cell and Environment, 2007, 30, 113-127.	2.8	83
1437	Tropical rain recycling. <i>Nature</i> , 2007, 445, 495-496.	13.7	3
1438	Importance of rain evaporation and continental convection in the tropical water cycle. <i>Nature</i> , 2007, 445, 528-532.	13.7	401
1439	Millennial-scale trends in west Pacific warm pool hydrology since the Last Glacial Maximum. <i>Nature</i> , 2007, 449, 452-455.	13.7	324
1440	The relationship between rainfall, water source and growth for an endangered tree. <i>Austral Ecology</i> , 2007, 32, 397-402.	0.7	12
1441	Volcanic explosive eruptions of the Vesuvio decrease tree-ring growth but not photosynthetic rates in the surrounding forests. <i>Global Change Biology</i> , 2007, 13, 1122-1137.	4.2	33
1442	Correlations between concentrations of acids and oxygen isotope ratios in polar surface snow. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2007, 59, 326-335.	0.8	4
1443	The influence of below-cloud secondary effects on the stable isotope composition of hydrogen and oxygen in precipitation at Calgary, Alberta, Canada. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2007, 59, 698-704.	0.8	82
1444	Oxygen and carbon isotopic signatures reveal a long-term effect of free-air ozone enrichment on leaf conductance in semi-natural grassland. <i>Atmospheric Environment</i> , 2007, 41, 8811-8817.	1.9	16
1445	Rapid response of forested vegetation to multiple climatic oscillations during the last deglaciation in the northeastern United States. <i>Quaternary Research</i> , 2007, 67, 297-303.	1.0	41
1446	Reconstructing the response of C3 and C4 plants to decadal-scale climate change during the late Pleistocene in Southern Illinois using isotopic analyses of calcified rootlets. <i>Quaternary Research</i> , 2007, 67, 136-142.	1.0	28
1447	Episodes of late Holocene aridity recorded by stalagmites from Devil's icebox Cave, Central Missouri, USA. <i>Quaternary Research</i> , 2007, 68, 45-52.	1.0	40
1448	Nature and origin of a Pleistocene-age massive ground-ice body exposed in the Chapman Lake moraine Complex, central Yukon Territory, Canada. <i>Quaternary Research</i> , 2007, 68, 249-260.	1.0	36
1449	Application of multiple geochemical indicators, including the stable isotopes of water, to differentiate water quality evolution in a region influenced by various agricultural practices and domestic wastewater treatment and disposal. <i>Science of the Total Environment</i> , 2007, 388, 149-167.	3.9	13

#	ARTICLE	IF	CITATIONS
1450	Oxygen isotopic composition in diatom algae frustules from Lake Baikal sediments: Annual mean temperature variations during the last 40 Ka. <i>Doklady Earth Sciences</i> , 2007, 413, 206-209.	0.2	12
1451	Determining the seasonality of groundwater recharge using water isotopes: a case study from the upper North Han River basin, Korea. <i>Environmental Geology</i> , 2007, 52, 853-859.	1.2	42
1452	Using hydrogen, oxygen, and tritium isotopes to identify the hydrological factors contributing to landslides in a mountainous area, central Taiwan. <i>Environmental Geology</i> , 2007, 52, 1617-1629.	1.2	29
1453	Hydrogen isotope fractionation during water uptake by woody xerophytes. <i>Plant and Soil</i> , 2007, 291, 93-107.	1.8	326
1454	Stable isotope composition of water in desert plants. <i>Plant and Soil</i> , 2007, 298, 31-45.	1.8	23
1455	A stable oxygen, but not carbon, isotope chronology of <i>Callitris columellaris</i> reflects recent climate change in north-western Australia. <i>Climatic Change</i> , 2007, 85, 213-229.	1.7	54
1456	Hydrogeologic evidence for a continuous basal shear zone within a deep-seated gravitational slope deformation (Eastern Alps, Tyrol, Austria). <i>Landslides</i> , 2007, 4, 149-162.	2.7	15
1457	Environmental isotopic and hydrochemical study of water in the karst aquifer and submarine springs of the Syrian coast. <i>Hydrogeology Journal</i> , 2007, 15, 351-364.	0.9	28
1458	Groundwater flow patterns in the San Luis Valley, Colorado, USA revisited: an evaluation of solute and isotopic data. <i>Hydrogeology Journal</i> , 2007, 15, 383-408.	0.9	21
1459	Precise dating of East-Asian-Monsoon D/O events during 95±56 ka BP: Based on stalagmite data from Shanbao Cave at Shennongjia, China. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 228-235.	0.9	16
1460	Relations between oxygen stable isotopic ratios in precipitation and relevant meteorological factors in southwest China. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 571-581.	0.9	20
1461	Recent temperature increase recorded in an ice core in the source region of Yangtze River. <i>Science Bulletin</i> , 2007, 52, 825-831.	1.7	81
1462	Modern stalagmite oxygen isotopic composition and its implications of climatic change from a high-elevation cave in the eastern Qinghai-Tibet Plateau over the past 50 years. <i>Science Bulletin</i> , 2007, 52, 1238-1247.	1.7	18
1463	Water isotope variations in the snow pack and summer precipitation at July 1 Glacier, Qilian Mountains in northwest China. <i>Science Bulletin</i> , 2007, 52, 2963-2972.	1.7	30
1464	Temporal and spatial variations of $\delta^{18}O$ in precipitation of the Yarlung Zangbo River Basin. <i>Journal of Chinese Geography</i> , 2007, 17, 317-326.	1.5	23
1465	Seasonal air temperature variations retrieved from a Geladaindong ice core, Tibetan Plateau. <i>Journal of Chinese Geography</i> , 2007, 17, 431-441.	1.5	4
1466	Silicon isotope fractionation in rice plants, an experimental study on rice growth under hydroponic conditions. <i>Plant and Soil</i> , 2008, 304, 291-300.	1.8	36
1467	A multiple stable isotope record of Late Quaternary limnological changes and chironomid paleoecology from northeastern Iceland. <i>Journal of Paleolimnology</i> , 2008, 40, 63-77.	0.8	47



#	ARTICLE	IF	CITATIONS
1468	Ground water origin and movement in the upper Yarmouk Basin, Northern Jordan. <i>Environmental Geology</i> , 2008, 54, 1355-1365.	1.2	11
1469	Recharge source and hydrogeochemical evolution of shallow groundwater in a complex alluvial fan system, southwest of North China Plain. <i>Environmental Geology</i> , 2008, 55, 1109-1122.	1.2	63
1470	Seasonal deuterium excess in Nagqu precipitation: influence of moisture transport and recycling in the middle of Tibetan Plateau. <i>Environmental Geology</i> , 2008, 55, 1501-1506.	1.2	90
1471	Hydrochemical characteristics of groundwater in the Zhangye Basin, Northwestern China. <i>Environmental Geology</i> , 2008, 55, 1713-1724.	1.2	56
1472	Advances in laser-based isotope ratio measurements: selected applications. <i>Applied Physics B: Lasers and Optics</i> , 2008, 92, 439-449.	1.1	123
1473	Temporal variations of $\delta^{18}O$ of atmospheric water vapor at Delingha. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 966-975.	0.9	22
1474	Seasonal variations of stable isotope in precipitation and moisture transport at Yushu, eastern Tibetan Plateau. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1121-1128.	0.9	43
1475	Elemental composition in surface snow from the ultra-high elevation area of Mt. Qomolangma (Everest). <i>Science Bulletin</i> , 2008, 53, 289-294.	1.7	17
1476	Stable isotopes of summer monsoonal precipitation in southern China and the moisture sources evidence from $\delta^{18}O$ signature. <i>Journal of Chinese Geography</i> , 2008, 18, 155-165.	1.5	43
1477	Influence of moisture transport on stable isotope in precipitation in Yarlungzangbo River basin. <i>Frontiers of Earth Science</i> , 2008, 2, 49-57.	0.5	4
1478	The use of environmental isotopic and hydrochemical tracers to characterize the functioning of karst systems in the Tlemcen Mountains, northwest Algeria. <i>Hydrogeology Journal</i> , 2008, 16, 531-546.	0.9	20
1479	The sedimentary coastal basin of Togo: example of a multilayered aquifer still influenced by a palaeo-seawater intrusion. <i>Hydrogeology Journal</i> , 2008, 16, 419-436.	0.9	43
1480	Spatio-temporal variation of stable isotopes of river waters, water source identification and water security in the Heishui Valley (China) during the dry-season. <i>Hydrogeology Journal</i> , 2008, 16, 311-319.	0.9	20
1481	Spatial characteristics of water quality, stable isotopes and tritium associated with groundwater flow in the Hutuo River alluvial fan plain of the North China Plain. <i>Hydrogeology Journal</i> , 2008, 16, 1003-1015.	0.9	38
1482	Conceptual hydrogeological model of volcanic Easter Island (Chile) after chemical and isotopic surveys. <i>Hydrogeology Journal</i> , 2008, 16, 1329-1348.	0.9	70
1483	Fundamental limits to the accuracy of deuterium isotopes for identifying the spatial origin of migratory animals. <i>Oecologia</i> , 2008, 158, 183-192.	0.9	41
1484	Phosphate oxygen isotope analysis on microsamples of bioapatite: removal of organic contamination and minimization of sample size. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1807-1816.	0.7	36
1485	Organic oxygen and hydrogen isotopes in a porcine controlled dietary study. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1741-1745.	0.7	59

#	ARTICLE	IF	CITATIONS
1486	Comparison of the oxygen and hydrogen isotopes in the juices of fast-growing vegetables and slow-growing fruits. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2809-2812.	0.7	15
1487	Weight loss and isotopic shifts for water drops frozen on a liquid nitrogen surface. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3233-3237.	0.7	2
1488	Oxygen isotope ratios of sedimentary biogenic silica reflect the European transcontinental climate gradient. <i>Journal of Quaternary Science</i> , 2008, 23, 341-350.	1.1	27
1489	Amount effect of water isotopes and quantitative analysis of post-condensation processes. <i>Hydrological Processes</i> , 2008, 22, 1-8.	1.1	236
1490	Characteristics of chemistry and stable isotopes in groundwater of Chaobai and Yongding River basin, North China Plain. <i>Hydrological Processes</i> , 2008, 22, 63-72.	1.1	44
1491	The effect of refreezing on the isotopic composition of melting snowpack. <i>Hydrological Processes</i> , 2008, 22, 873-882.	1.1	57
1492	Isotopic investigation of river water mixing around the confluence of the Tonle Sap and Mekong rivers. <i>Hydrological Processes</i> , 2008, 22, 1351-1358.	1.1	25
1493	Preferential exchange rate effect of isotopic fractionation in a melting snowpack. <i>Hydrological Processes</i> , 2008, 22, 3734-3740.	1.1	17
1494	Spatial variation of isotope composition in precipitation in a tropical environment: a case study from the Deduru Oya river basin, Sri Lanka. <i>Hydrological Processes</i> , 2008, 22, 4565-4570.	1.1	13
1495	Short-term variability in isotopic composition of precipitation: A case study from the Midwestern United States. <i>Hydrological Processes</i> , 2008, 22, 4609-4619.	1.1	6
1496	Anomalous $^{18}\text{O}/^{16}\text{O}$ ratios in the corundum-bearing rocks of Khitostrov, northern Karelia. <i>Doklady Earth Sciences</i> , 2008, 419, 453-456.	0.2	11
1497	Seasonal variations in the isotopic composition of near-surface water vapour in the eastern Mediterranean. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 60, 674.	0.8	83
1498	Late Glacial stable isotope record, radiocarbon stratigraphy, pollen and mollusc analyses from the Geiseltal area, Central Germany. <i>Boreas</i> , 1998, 27, 88-100.	1.2	23
1499	Ostracod stable isotope records from a deglacial isolation sequence in southern Sweden. <i>Boreas</i> , 1999, 28, 564-574.	1.2	3
1500	The brackish Baltic Sea Yoldia Stage " palaeoenvironmental implications from marine benthic fauna and stable oxygen isotopes. <i>Boreas</i> , 2001, 30, 290-298.	1.2	1
1501	Seasonal and interannual variability of Siberian river discharge in the Laptev Sea inferred from stable isotopes in modern bivalves. <i>Boreas</i> , 2003, 32, 292-303.	1.2	4
1502	ON ISOTOPES AND OLD BONES*. <i>Archaeometry</i> , 2008, 50, 925-950.	0.6	557
1503	Multiple controls for the variability of hydrogen isotopic compositions in higher plant $\alpha$ -alkanes from modern ecosystems. <i>Global Change Biology</i> , 2008, 14, 2166-2177.	4.2	143

#	ARTICLE	IF	CITATIONS
1504	Distinct climate change synchronous with Heinrich event one, recorded by stable oxygen and carbon isotopic compositions in stalagmites from China. <i>Quaternary Research</i> , 2008, 69, 306-315.	1.0	53
1505	Decoupling of stalagmite-derived Asian summer monsoon records from North Atlantic temperature change during marine oxygen isotope stage 5d. <i>Quaternary Research</i> , 2008, 70, 315-321.	1.0	18
1506	Climatic and hydrologic variability during the past millennium in the eastern Rocky Mountains and northern Great Plains of western Canada. <i>Quaternary Research</i> , 2008, 70, 188-197.	1.0	70
1507	Seasonal and spatial variation in the stable isotopic composition ( $\delta^{18}\text{O}$ and $\delta^2\text{H}$ ) of precipitation in south Florida. <i>Journal of Hydrology</i> , 2008, 358, 193-205.	2.3	82
1508	A stable isotope study of the Garda lake, northern Italy: Its hydrological balance. <i>Journal of Hydrology</i> , 2008, 360, 103-116.	2.3	37
1509	A comparison of groundwater fluxes computed with MODFLOW and a mixing model using deuterium: Application to the eastern Nevada Test Site and vicinity. <i>Journal of Hydrology</i> , 2008, 361, 371-385.	2.3	22
1510	Stable isotope ratios in meteoric recharge and groundwater at Mt. Vulture volcano, southern Italy. <i>Journal of Hydrology</i> , 2008, 348, 87-97.	2.3	64
1511	Continuous measurement of water vapor D/H and $^{18}\text{O}/^{16}\text{O}$ isotope ratios in the atmosphere. <i>Journal of Hydrology</i> , 2008, 349, 489-500.	2.3	99
1512	Geochemical, isotopic, and remote sensing constraints on the origin and evolution of the Rub Al Khali aquifer system, Arabian Peninsula. <i>Journal of Hydrology</i> , 2008, 356, 70-83.	2.3	54
1513	Chemical and isotopic ( $\delta^{18}\text{O}$ , $\delta^2\text{H}$ , $\delta^{13}\text{C}$ , $^{222}\text{Rn}$ ) multi-tracing for groundwater conceptual model of carbonate aquifer (Gran Sasso INFN underground laboratory "central Italy). <i>Journal of Hydrology</i> , 2008, 357, 368-388.	2.3	63
1514	Stable isotope evidence for changes in dietary niche partitioning among hadrosaurian and ceratopsian dinosaurs of the Hell Creek Formation, North Dakota. <i>Paleobiology</i> , 2008, 34, 534-552.	1.3	55
1515	Ground-based measurements of spatial and temporal variability of snow accumulation in East Antarctica. <i>Reviews of Geophysics</i> , 2008, 46, .	9.0	164
1516	Synoptic controls upon $\delta^{18}\text{O}$ in southern Tasmanian precipitation. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	32
1517	Record of $\delta^{18}\text{O}$ and $\delta^{17}\text{O}$ excess in ice from Vostok Antarctica during the last 150,000 years. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	98
1518	A composite isotopic thermometer for snow. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	6
1519	Interpreting $\text{H}_2\text{O}$ isotope variations in high-altitude ice cores using a cyclone model. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	11
1520	The influence of midlatitude and tropical overturning circulation on the isotopic composition of atmospheric water vapor and Antarctic precipitation. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	66
1521	Spatial analysis of the intra-annual variation of precipitation isotope ratios and its climatological corollaries. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	149

#	ARTICLE	IF	CITATIONS
1522	Interannual variability of Greenland winter precipitation sources: 2. Effects of North Atlantic Oscillation variability on stable isotopes in precipitation. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	113
1523	Comparison of atmospheric hydrology over convective continental regions using water vapor isotope measurements from space. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	66
1524	Isotopic composition ( $\delta^{13}\text{C}$ , $\delta^{18}\text{O}$ ) in wood and cellulose of Siberian larch trees for early Medieval and recent periods. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	53
1526	Analysis and Design for Isotope-Based Studies of Migratory Animals. <i>Journal of Nano Education (Print)</i> , 2008, 2, 107-128.	0.3	30
1527	Estimation of evaporation and irrigation return flow in arid zones using stable isotope ratios and chloride mass-balance analysis: Case of the Euphrates River, Syria. <i>Journal of Arid Environments</i> , 2008, 72, 730-747.	1.2	40
1528	Shell-gathering from mangroves and the seasonality of the Southeast Asian Monsoon using high-resolution stable isotopic analysis of the tropical estuarine bivalve ( <i>Geloina erosa</i> ) from the Great Cave of Niah, Sarawak: methods and reconnaissance of molluscs of early Holocene and modern times. <i>Journal of Archaeological Science</i> , 2008, 35, 2686-2697.	1.2	32
1529	Late Stone Age subsistence in the Tilemsi Valley, Mali: Stable isotope analysis of human and animal remains from the site of Karkarichinkat Nord (KN05) and Karkarichinkat Sud (KS05). <i>Journal of Anthropological Archaeology</i> , 2008, 27, 82-92.	0.7	46
1530	Understanding groundwater chemistry using mixing models. <i>Applied Geochemistry</i> , 2008, 23, 1921-1940.	1.4	72
1531	Relationships between $\delta^{18}\text{O}$ in precipitation and air temperature and moisture origin on a south-north transect of the Tibetan Plateau. <i>Atmospheric Research</i> , 2008, 87, 158-169.	1.8	96
1532	Effect of lake evaporation on $\delta\text{D}$ values of lacustrine n-alkanes: A comparison of Nam Co (Tibetan) Tj ETQq1 1 0.784314 $\text{rgBT}/\text{Overlook}$ 0,9 133		
1533	$\delta^{18}\text{O}$ high-resolution late Holocene speleothem record from Kaite Cave, northern Spain: $\delta^{18}\text{O}$ variability and possible causes. <i>Quaternary International</i> , 2008, 187, 40-51.	0.7	39
1534	Lateglacial and early Holocene climate oscillations in the Matanuska Valley, south-central Alaska. <i>Quaternary Science Reviews</i> , 2008, 27, 148-161.	1.4	33
1535	Stable isotopic variations in modern herbivore tooth enamel, plants and water on the Tibetan Plateau: Implications for paleoclimate and paleoelevation reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 260, 359-374.	1.0	76
1536	Is small beautiful? A review of the advantages and limitations of using small mammal teeth and the direct laser fluorination analysis technique in the isotope reconstruction of past continental climate change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 39-50.	1.0	23
1537	Millennial-scale variability in the Asian monsoon: Evidence from oxygen isotope records from stalagmites in southeastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 3-12.	1.0	53
1538	Preservation of primary stable isotope signals in dinosaur remains, and environmental gradients of the Late Cretaceous of Montana and Alberta. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 13-27.	1.0	63
1539	Precipitation rates and atmospheric heat transport during the Cenomanian greenhouse warming in North America: Estimates from a stable isotope mass-balance model. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 28-38.	1.0	27
1540	Intra-tooth study of modern rhinoceros enamel $\delta^{18}\text{O}$ : Is the difference between phosphate and carbonate $\delta^{18}\text{O}$ a sound diagenetic test?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 183-189.	1.0	71

#	ARTICLE	IF	CITATIONS
1541	Palynological and oxygen isotope investigations on Late-Glacial sediment cores from Swiss lakes. <i>Boreas</i> , 1976, 5, 109-117.	1.2	191
1542	The Eemian interglacial and its termination. <i>Boreas</i> , 1981, 10, 219-228.	1.2	16
1543	Fossil pollen, molluscs, and stable isotopes in the DÄtttau valley, Switzerland. <i>Boreas</i> , 1987, 16, 293-303.	1.2	13
1544	Stable isotope and pollen stratigraphy of a Holocene lake marl section from NE Finland. <i>Boreas</i> , 1990, 19, 17-24.	1.2	8
1545	Oxygen-isotope record of Late-Glacial climatic change in western Ireland. <i>Boreas</i> , 1996, 25, 257-267.	1.2	31
1546	Composite stable isotope records from a Late Weichselian lacustrine sequence at Grrenge, Lolland, Denmark: evidence of AllerÄd and Younger Dryas environments. <i>Boreas</i> , 1996, 25, 8-22.	1.2	28
1547	A detailed comparison of Asian Monsoon intensity and Greenland temperature during the AllerÄd and Younger Dryas events. <i>Earth and Planetary Science Letters</i> , 2008, 272, 691-697.	1.8	50
1548	East Asian monsoon variability since the Mid-Holocene recorded in a high-resolution, absolute-dated aragonite speleothem from eastern China. <i>Earth and Planetary Science Letters</i> , 2008, 275, 296-307.	1.8	150
1549	Turnover of oxygen and hydrogen isotopes in the body water, CO <sub>2</sub> , hair, and enamel of a small mammal. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 19-35.	1.6	199
1550	Continental-scale patterns in modern wood cellulose $\delta^{18}O$ : Implications for interpreting paleo-wood cellulose $\delta^{18}O$ . <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2735-2743.	1.6	23
1551	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
1552	Future desertification and climate change: The need for land-surface system evaluation improvement. <i>Global and Planetary Change</i> , 2008, 64, 129-138.	1.6	20
1553	Geochemistry and mineralogy of bentonites from Ishirini (Libya). <i>Chemie Der Erde</i> , 2008, 68, 61-68.	0.8	4
1554	A model-based determination of spatial variation of precipitation $\delta^{18}O$ over China. <i>Chemical Geology</i> , 2008, 249, 203-212.	1.4	86
1555	Deriving correlated climate and physiological signals from deuterium isotopomers in tree rings. <i>Chemical Geology</i> , 2008, 252, 1-8.	1.4	41
1556	Characteristics of oxygen-18 and deuterium composition in waters from the Pecos River in American Southwest. <i>Chemical Geology</i> , 2008, 255, 220-230.	1.4	55
1557	Analysis of the climate controls on the isotopic composition of precipitation ( $\delta^{18}O$ ) at Nuevo Rocafuerte, 74.5°W, 0.9°S, 250m, Ecuador. <i>Comptes Rendus - Geoscience</i> , 2008, 340, 1-9.	0.4	42
1558	Hydrological mixing and geochemical processes characterization in an estuarine/mangrove system using environmental tracers in Babitonga Bay (Santa Catarina, Brazil). <i>Continental Shelf Research</i> , 2008, 28, 682-695.	0.9	35

#	ARTICLE	IF	CITATIONS
1559	A 600-year-long $\delta^{18}\text{O}$ record from cellulose of Breonadia salicina trees, South Africa. Dendrochronologia, 2008, 26, 21-33.	1.0	14
1560	Inferring microphysical processes occurring in mesoscale convective systems from radar measurements and isotopic analysis. Geophysical Research Letters, 2008, 35, .	1.5	17
1561	Mayotte coral reveals hydrological changes in the western Indian Ocean between 1881 and 1994. Geophysical Research Letters, 2008, 35, .	1.5	33
1562	What controls the isotopic composition of the African monsoon precipitation? Insights from event-based precipitation collected during the 2006 AMMA field campaign. Geophysical Research Letters, 2008, 35, .	1.5	113
1563	Effect of atmospheric water vapor on modification of stable isotopes in near-surface snow on ice sheets. Journal of Geophysical Research, 2008, 113, .	3.3	42
1564	Water isotopes during the Last Glacial Maximum: New general circulation model calculations. Journal of Geophysical Research, 2008, 113, .	3.3	54
1565	Influence of convective processes on the isotopic composition ( $\delta^{18}\text{O}$ and $\delta^2\text{H}$ ) of precipitation and water vapor in the tropics: 1. Radiative-convective equilibrium and Tropical Ocean-Global Atmosphere-Coupled Ocean-Atmosphere Response Experiment (TOGA-COARE) simulations. Journal of Geophysical Research, 2008, 113, .	3.3	189
1566	Influence of convective processes on the isotopic composition ( $\delta^{18}\text{O}$ and $\delta^2\text{H}$ ) of precipitation and water vapor in the tropics: 2. Physical interpretation of the amount effect. Journal of Geophysical Research, 2008, 113, .	3.3	419
1567	Historical isotope simulation using Reanalysis atmospheric data. Journal of Geophysical Research, 2008, 113, .	3.3	328
1568	Deuterium excess record from a small Arctic ice cap. Journal of Geophysical Research, 2008, 113, .	3.3	9
1569	Evidence of deuterium excess in water vapor as an indicator of ocean surface conditions. Journal of Geophysical Research, 2008, 113, .	3.3	236
1570	Antarctic isotopic thermometer during a $\text{CO}_2$ forced warming event. Journal of Geophysical Research, 2008, 113, .	3.3	60
1571	An investigation of the common signal in tree ring stable isotope chronologies at temperate sites. Journal of Geophysical Research, 2008, 113, .	3.3	82
1572	Marine isotope stage 3 sea level fluctuations: Data synthesis and new outlook. Reviews of Geophysics, 2008, 46, .	9.0	229
1573	Geochemical Signatures in Otoliths Record Natal Origins of American Shad. Transactions of the American Fisheries Society, 2008, 137, 57-69.	0.6	105
1574	Weathering regime and geochemical conditions in a polar desert environment, Hughton impact structure region, Devon Island, Canada. Canadian Journal of Earth Sciences, 2008, 45, 1139-1157.	0.6	40
1575	Conifer Seedling Survival Under Closed-Canopy And Manzanita Patches In the Sierra Nevada. Madroño, 2008, 55, 191-201.	0.3	20
1576	Note on the spring region of Gacka River (Croatia). Isotopes in Environmental and Health Studies, 2008, 44, 201-208.	0.5	14

#	ARTICLE	IF	CITATIONS
1577	Isotope Landscapes for Terrestrial Migration Research. <i>Journal of Nano Education (Print)</i> , 2008, 2, 79-105.	0.3	37
1579	Nitrate Contamination in Groundwater on an Urbanized Dairy Farm. <i>Environmental Science &amp; Technology</i> , 2008, 42, 4683-4688.	4.6	49
1580	Continental-scale variation in otolith geochemistry of juvenile American shad ( <i>Alosa sapidissima</i> ). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 2623-2635.	0.7	68
1581	Isotopic composition of sulphates from meteoric precipitation as an indicator of pollutant origin in Wrocław (SW Poland). <i>Isotopes in Environmental and Health Studies</i> , 2008, 44, 177-188.	0.5	10
1582	Stable isotope evidence for an amphibious phase in early proboscidean evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5786-5791.	3.3	46
1583	Dating stratigraphic variations of ions and oxygen isotopes in a high-altitude snowpack by comparison with daily variations of precipitation chemistry at a low-altitude site. <i>Hydrology Research</i> , 2008, 39, 101-112.	1.1	9
1585	A Review of Antarctic Surface Snow Isotopic Composition: Observations, Atmospheric Circulation, and Isotopic Modeling*. <i>Journal of Climate</i> , 2008, 21, 3359-3387.	1.2	344
1586	The Role of Local Moisture Recycling Evaluated Using Stable Isotope Data from over the Middle of the Tibetan Plateau during the Monsoon Season. <i>Journal of Hydrometeorology</i> , 2008, 9, 760-775.	0.7	94
1587	Zackenbergl in a Circumpolar Context. <i>Advances in Ecological Research</i> , 2008, , 499-544.	1.4	9
1588	Internal structure and the thermal and hydrological regime of a typical lithalsa: significance for permafrost growth and decay. <i>Canadian Journal of Earth Sciences</i> , 2008, 45, 31-43.	0.6	30
1589	Natural variability in $\delta^{18}O$ values of otoliths of young Pacific sardine captured in Mexican waters indicates subpopulation mixing within the first year of life. <i>ICES Journal of Marine Science</i> , 2008, 65, 174-190.	1.2	9
1590	Stable isotopes in early Eocene mammals as indicators of forest canopy structure and resource partitioning. <i>Paleobiology</i> , 2008, 34, 282-300.	1.3	45
1591	Atmospheric influence on the deuterium excess signal in polar firn: implications for ice-core interpretation. <i>Journal of Glaciology</i> , 2008, 54, 117-124.	1.1	48
1592	Processus hydrog�ochimiques et s�paration d�hydrogrammes de crue sur un bassin versant en milieu soudano-tropical de socle au B�nin (Donga, haute vall�e de l�Ou�m�). <i>Revue Des Sciences De L'Eau</i> , 2008, 21, 363-372.		1
1593	Inferring climate change from stable isotope compositions of ancient speleothems on Earth: possible implications for climatic reconstructions elsewhere in the solar system. , 2008, , .		0
1594	Stable and radioactive isotopes. , 0, , 134-172.		1
1595	Post-depositional modification of stable water isotopes in winter snowpacks in the Canadian Rocky Mountains. <i>Annals of Glaciology</i> , 2008, 49, 96-106.	2.8	15
1597	Sources of Holocene variability of oxygen isotopes in paleoclimate archives. <i>Climate of the Past</i> , 2009, 5, 441-455.	1.3	214

#	ARTICLE	IF	CITATIONS
1598	Growth phase dependent hydrogen isotopic fractionation in alkenone-producing haptophytes. <i>Biogeosciences</i> , 2009, 6, 1681-1694.	1.3	45
1599	Understanding wetland sub-surface hydrology using geologic and isotopic signatures. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1313-1323.	1.9	32
1600	A reconsideration of Seasonal Variation in Precipitation Deuterium Excess Over East Asia. Suimon Mizu Shigen Gakkaishi, 2009, 22, 262-276.	0.1	12
1601	Geographic Variation of Strontium and Hydrogen Isotopes in Avian Tissue: Implications for Tracking Migration and Dispersal. <i>PLoS ONE</i> , 2009, 4, e4735.	1.1	56
1602	Assessment of soil $\delta^{13}C$ and $\delta^{15}N$ -alkane $\delta^{13}C$ and $\delta^{15}N$ and branched tetraether membrane lipid distributions as tools for paleoelevation reconstruction. <i>Biogeosciences</i> , 2009, 6, 2799-2807.	1.3	79
1603	Groundwater flow system estimated by stable isotopes of oxygen and hydrogen in an alluvial fan of the Echi River, Japan. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2009, 30, 1174-1178.	0.1	1
1604	Evidence for Obliquity Forcing of Glacial Termination II. <i>Science</i> , 2009, 325, 1527-1531.	6.0	189
1605	Age, geochemical composition, and distribution of Oligocene ignimbrites in the northern Sierra Nevada, California: implications for landscape morphology, elevation, and drainage divide geography of the Nevadaplano. <i>International Geology Review</i> , 2009, 51, 723-742.	1.1	31
1606	Ice Age Terminations. <i>Science</i> , 2009, 326, 248-252.	6.0	794
1607	Chapter 5 Radionuclides as Tracers and Timers in Surface and Groundwater. <i>Radioactivity in the Environment</i> , 2009, , 139-230.	0.2	4
1608	Cenozoic tectonic and topographic evolution of the northern Sierra Nevada, California, through stable isotope paleoaltimetry in volcanic glass. <i>Geology</i> , 2009, 37, 547-550.	2.0	95
1609	115 year ice-core data from Akademii Nauk ice cap, Severnaya Zemlya: high-resolution record of Eurasian Arctic climate change. <i>Journal of Glaciology</i> , 2009, 55, 21-31.	1.1	20
1610	Oxygen isotope composition of continental vertebrate apatites from Mesozoic formations of Thailand; environmental and ecological significance. <i>Geological Society Special Publication</i> , 2009, 315, 271-283.	0.8	18
1611	Characterization of recharge areas by rare earth elements and stable isotopes of H <sub>2</sub> O. , 2009, , 123-148.		6
1612	Isotopes and individuals: diet and mobility among the medieval Bishops of Whithorn. <i>Antiquity</i> , 2009, 83, 1119-1133.	0.5	68
1613	Dynamic Processes Governing Lower-Tropospheric HDO/H <sub>2</sub> O Ratios as Observed from Space and Ground. <i>Science</i> , 2009, 325, 1374-1377.	6.0	187
1614	Limits to recharge of groundwater from Tibetan plateau to the Gobi desert, implications for water management in the mountain front. <i>Journal of Hydrology</i> , 2009, 364, 128-141.	2.3	93
1615	Large scale meteorological phenomena, ENSO and ITCZ, define the Parana River isotope composition. <i>Journal of Hydrology</i> , 2009, 365, 105-112.	2.3	32



#	ARTICLE	IF	CITATIONS
1616	Chemical and isotopic investigation of rainwater in Southern France (1996–2002): Potential use as input signal for karst functioning investigation. <i>Journal of Hydrology</i> , 2009, 367, 150-164.	2.3	39
1617	Palaeorecharge conditions of the deep aquifers of the Northern Aquitaine region (France). <i>Journal of Hydrology</i> , 2009, 368, 1-16.	2.3	24
1618	Using deuterium excess to determine the sources of high-altitude precipitation: Implications in hydrological relations between sub-alpine forests and alpine meadows. <i>Journal of Hydrology</i> , 2009, 373, 24-33.	2.3	50
1619	Orographic controls on rain water isotope distribution in the Mount Lofty Ranges of South Australia. <i>Journal of Hydrology</i> , 2009, 374, 255-264.	2.3	42
1620	Mean recharge times and chemical modelling transfers from shallow groundwater to mineralized thermal waters at Montrond-les-Bains, Eastern Massif Central, France. <i>Journal of Hydrology</i> , 2009, 376, 1-15.	2.3	14
1621	Stable oxygen and hydrogen isotopes in sub-Arctic lake waters from northern Sweden. <i>Journal of Hydrology</i> , 2009, 376, 143-151.	2.3	70
1622	Oxygen and hydrogen isotopic water characteristics of the Aral Sea, Central Asia. <i>Journal of Marine Systems</i> , 2009, 76, 310-321.	0.9	25
1623	Paleo-climate of the Boise area, Idaho from the last glacial maximum to the present based on groundwater $\delta^2\text{H}$ and $\delta^{18}\text{O}$ compositions. <i>Quaternary Research</i> , 2009, 71, 172-180.	1.0	12
1624	Stable isotope and $^{14}\text{C}$ study of biogenic calcrete in a termite mound, Western Cape, South Africa, and its palaeoenvironmental significance. <i>Quaternary Research</i> , 2009, 72, 258-264.	1.0	37
1625	Human impacts, climate change, and aquatic ecosystem response during the past 2000 Åyr at Lake Wandakara, Uganda. <i>Quaternary Research</i> , 2009, 72, 315-324.	1.0	52
1626	Quantitative paleoenvironmental and paleoclimatic reconstruction using paleosols. <i>Earth-Science Reviews</i> , 2009, 95, 1-52.	4.0	714
1627	An isotopic perspective on the transport of Byzantine mining camp laborers into southwestern Jordan. <i>American Journal of Physical Anthropology</i> , 2009, 140, 429-441.	2.1	35
1628	Migration and diversity in Roman Britain: A multidisciplinary approach to the identification of immigrants in Roman York, England. <i>American Journal of Physical Anthropology</i> , 2009, 140, 546-561.	2.1	100
1629	A study on the factors affecting the stable isotopic composition in precipitation of Tamil Nadu, India. <i>Hydrological Processes</i> , 2009, 23, 1792-1800.	1.1	36
1630	A tale of two isotopes: differences in hydrograph separation for a runoff event when using $\delta^2\text{H}$ versus $\delta^{18}\text{O}$ . <i>Hydrological Processes</i> , 2009, 23, 2095-2101.	1.1	74
1631	Diminished groundwater recharge and circulation relative to degrading riparian vegetation in the middle Tarim River, Xinjiang Uygur, Western China. <i>Hydrological Processes</i> , 2010, 24, 147-159.	1.1	31
1632	Oxygen- $^{18}$ dynamics in precipitation and streamflow in a semi-arid agricultural watershed, Eastern Washington, USA. <i>Hydrological Processes</i> , 2010, 24, 446-460.	1.1	10
1633	Stable water isotope simulation in different reservoirs of Manaus, Brazil, by Community Land Model incorporating stable isotopic effect. <i>International Journal of Climatology</i> , 2009, 29, 619-628.	1.5	18

#	ARTICLE	IF	CITATIONS
1634	Seasonal and interannual variability of the moisture sources for Alpine precipitation during 1995–2002. <i>International Journal of Climatology</i> , 2010, 30, 947-961.	1.5	111
1635	Determining the spatial and temporal patterns of climate changes in China's western interior during the last 15 ka from lacustrine oxygen isotope records. <i>Journal of Quaternary Science</i> , 2009, 24, 237-247.	1.1	19
1636	A 1000-year record of dry conditions in the eastern Canadian prairies reconstructed from oxygen and carbon isotope measurements on Lake Winnipeg sediment organics. <i>Journal of Quaternary Science</i> , 2009, 24, 426-436.	1.1	9
1637	Oxygen isotope analysis in a land of environmental extremes: the complexities of isotopic work in the Andes. <i>International Journal of Osteoarchaeology</i> , 2009, 19, 171-191.	0.6	136
1638	Utiliza��o de is�topos de oxig�nio, hidrog�nio e h�lio para o estudo de sistemas aqu�feros nas ilhas de Cabo Verde, �frica Ocidental. <i>Hydrogeology Journal</i> , 2009, 17, 1157-1174.	0.9	47
1639	Temperature versus species-specific influences on the stable oxygen isotope ratio of tree rings. <i>Trees - Structure and Function</i> , 2009, 23, 801-811.	0.9	11
1640	A 15-year record of seasonal variation in the isotopic composition of precipitation water over continental Portugal. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 281, 153-156.	0.7	9
1641	Summer maximum temperature in northern France over the past century: instrumental data versus multiple proxies (tree-ring isotopes, grape harvest dates and forest fires). <i>Climatic Change</i> , 2009, 94, 429-456.	1.7	43
1642	Verification of the geographical origin of modeled air-mass trajectories by means of the isotope composition of rainwater during the SALLJEX experiment. <i>Environmental Fluid Mechanics</i> , 2009, 9, 409-425.	0.7	13
1643	Late Holocene storm-trajectory changes inferred from the oxygen isotope composition of lake diatoms, south Alaska. <i>Journal of Paleolimnology</i> , 2009, 41, 189-208.	0.8	51
1644	An improved method for modeling spatial distribution of $\delta D$ in surface snow over Antarctic ice sheet. <i>Chinese Geographical Science</i> , 2009, 19, 120-125.	1.2	1
1645	Preliminary results of the close-off depth and the stable isotopic records along a 109.91 m ice core from Dome A, Antarctica. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1502-1509.	0.9	14
1646	Temperature evolution from the $\delta^{18}O$ record of Hani peat, Northeast China, in the last 14000 years. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 952-964.	0.9	42
1647	Climatic significance of $\delta^{18}O$ records from precipitation on the western Tibetan Plateau. <i>Science Bulletin</i> , 2009, 54, 2732-2741.	4.3	23
1648	Study of altitudinal lapse rates of $\delta^{18}O$ in precipitation/river water with seasons on the southeast Tibetan Plateau. <i>Science Bulletin</i> , 2009, 54, 2742-2750.	4.3	17
1649	Study on the mechanism of isotope fractionation in soil water during the evaporation process under equilibrium condition. <i>Diqiu Huaxue</i> , 2009, 28, 351-357.	0.5	5
1650	Stable isotope ecology of Miocene large mammals from Sandelzhausen, southern Germany. <i>Palaontologische Zeitschrift</i> , 2009, 83, 207-226.	0.8	45
1651	Paleoenvironmental conditions in the Spanish Miocene–Pliocene boundary: isotopic analyses of Hipparion dental enamel. <i>Die Naturwissenschaften</i> , 2009, 96, 503-511.	0.6	24

#	ARTICLE	IF	CITATIONS
1652	Environmental isotopic and hydrochemical study of groundwater in the Ejina Basin, northwest China. <i>Environmental Geology</i> , 2009, 58, 601-614.	1.2	47
1653	Hydrogeochemical Indicators of Groundwater Flow Systems in the Yangwu River Alluvial Fan, Xinzhou Basin, Shanxi, China. <i>Environmental Management</i> , 2009, 44, 243-255.	1.2	59
1654	Climatic factors influencing the isotope composition of Italian olive oils and geographic characterisation. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 448-454.	0.7	35
1655	Coast and year effect on H, O and C stable isotope ratios of Tyrrhenian and Adriatic Italian olive oils. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1043-1048.	0.7	51
1656	Compound-specific $\delta^{18}\text{O}$ analyses of neutral sugars in soils using gas chromatography-pyrolysis isotope ratio mass spectrometry: problems, possible solutions and a first application. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3522-3532.	0.7	47
1657	Control of origin of larch wood: discrimination between European (Austrian) and Siberian origin by stable isotope analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3688-3692.	0.7	33
1658	Stable isotope evidence for impala <i>Aepyceros melampus</i> diets at Akagera National Park, Rwanda. <i>African Journal of Ecology</i> , 2009, 47, 490-501.	0.4	14
1659	Evidence for warmer interglacials in East Antarctic ice cores. <i>Nature</i> , 2009, 462, 342-345.	13.7	136
1660	Kink in the thermometer. <i>Nature</i> , 2009, 462, 295-296.	13.7	3
1661	Atmospheric circulation controls on precipitation isotope-climate relations in western Canada. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 61, 566.	0.8	67
1662	Holocene temporal and spatial variation in the radiocarbon reservoir age of three Danish fjords. <i>Boreas</i> , 2009, 38, 458-470.	1.2	39
1663	THE USE OF OXYGEN ISOTOPES IN SHEEP MOLARS TO INVESTIGATE PAST HERDING PRACTICES AT THE NEOLITHIC SETTLEMENT OF ATALHÄ-YÄCK, CENTRAL ANATOLIA. <i>Archaeometry</i> , 2010, 52, 429-449.	0.6	49
1664	On the use of simple dynamical systems for climate predictions. <i>European Physical Journal: Special Topics</i> , 2009, 174, 11-31.	1.2	24
1665	The Nature and Origin of Decadal to Millennial Scale Climate Variability in the Southern Tropics of South America: The Holocene Record of Lago Umayo, Peru. <i>Developments in Paleoenvironmental Research</i> , 2009, , 301-322.	7.5	23
1666	Assessment of the long-term safety of radioactive waste disposal: 1. Paleoreconstruction of groundwater formation conditions. <i>Water Resources</i> , 2009, 36, 206-213.	0.3	9
1667	Poor reproducibility and inference in hydrogen-stable-isotope studies of avian movement: A reply to Wunder et al. (2009). <i>Auk</i> , 2009, 126, 926-931.	0.7	3
1668	A 6.5-year continuous record of sea surface salinity and seawater isotopic composition at Harbour of Ishigaki Island, southwest Japan. <i>Isotopes in Environmental and Health Studies</i> , 2009, 45, 247-258.	0.5	29
1669	Stable isotopic composition of dinosaur eggshells and pedogenic carbonates in the upper Cretaceous seonso formation, South Korea: Paleoenvironmental and diagenetic implications. <i>Cretaceous Research</i> , 2009, 30, 93-99.	0.6	18

#	ARTICLE	IF	CITATIONS
1670	Stable isotopic results from paleosol carbonate in South Asia: Paleoenvironmental reconstructions and selective alteration. <i>Earth and Planetary Science Letters</i> , 2009, 279, 242-254.	1.8	72
1671	Influence of Andean uplift on climate and paleoaltimetry estimates. <i>Earth and Planetary Science Letters</i> , 2009, 281, 238-248.	1.8	237
1672	Pleistocene seasonal temperature variations recorded in the $\delta^{18}O$ of <i>Bison priscus</i> teeth. <i>Earth and Planetary Science Letters</i> , 2009, 283, 133-143.	1.8	68
1673	$\delta^{18}O$ and $\delta^2H$ of streamwaters across the Himalaya and Tibetan Plateau: Implications for moisture sources and paleoelevation reconstructions. <i>Earth and Planetary Science Letters</i> , 2009, 288, 20-32.	1.8	206
1674	Stable isotopic exchange rate constant between snow and liquid water. <i>Chemical Geology</i> , 2009, 260, 57-62.	1.4	38
1675	Geochemistry and stable isotopic composition of tufa waters and precipitates from the Interlake Region, Manitoba, Canada: Constraints on groundwater origin, calcitization, and tufa formation. <i>Chemical Geology</i> , 2009, 260, 221-233.	1.4	19
1676	The origin of brines underlying Lake Kinneret. <i>Chemical Geology</i> , 2009, 262, 293-309.	1.4	34
1677	A geochemical reconnaissance of the Duman (Tumen) River and the hot springs of Mt. Baekdu (Changbai): Weathering of volcanic rocks in mid-latitude setting. <i>Chemical Geology</i> , 2009, 264, 162-172.	1.4	15
1678	Origin, chemical and isotopic evolution of formation water in geopressed zones in the Pannonian Basin, Hungary. <i>Chemical Geology</i> , 2009, 264, 187-196.	1.4	21
1679	Climatic significance of tree-ring $\delta^{18}O$ in the Qilian Mountains, northwestern China and its relationship to atmospheric circulation patterns. <i>Chemical Geology</i> , 2009, 268, 147-154.	1.4	41
1680	Intra-annual perturbations of stable isotopes in tufas: Effects of hydrological processes. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 1684-1695.	1.6	32
1681	Oxygen and carbon stable isotopes of modern land snail shells as environmental indicators from a low-latitude oceanic island. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 4077-4099.	1.6	75
1682	$^{18}O/^{16}O$ and D/H ratios of pedogenic kaolinite in a North American Cenomanian laterite: Paleoclimatic implications. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6249-6263.	1.6	11
1683	Controls on the isotopic composition of surface water and precipitation in the Northern Andes, Colombian Eastern Cordillera. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6999-7018.	1.6	39
1684	Spatial interpolation of the deuterium and oxygen-18 composition of global precipitation using temperature as ancillary variable. <i>Journal of Geochemical Exploration</i> , 2009, 101, 175-184.	1.5	67
1685	A groundwater isoscape ( $\delta^2H$ , $\delta^{18}O$ ) for Mexico. <i>Journal of Geochemical Exploration</i> , 2009, 102, 123-136.	1.5	154
1686	Isotopic features of rivers and groundwater of the Parma Province (Northern Italy) and their relationships with precipitation. <i>Journal of Geochemical Exploration</i> , 2009, 102, 56-62.	1.5	23
1687	The influence of air mass source on the seasonal isotopic composition of precipitation, eastern USA. <i>Journal of Geochemical Exploration</i> , 2009, 102, 103-112.	1.5	88

#	ARTICLE	IF	CITATIONS
1688	The relationship between the isotopic content of precipitation and the precipitation amount in tropical regions. <i>Journal of Geochemical Exploration</i> , 2009, 102, 113-122.	1.5	156
1689	Hydrogen isotope fractionation in freshwater and marine algae: II. Temperature and nitrogen limited growth rate effects. <i>Organic Geochemistry</i> , 2009, 40, 428-439.	0.9	79
1690	Climate change over the past 2000 years in Western China. <i>Quaternary International</i> , 2009, 194, 91-107.	0.7	109
1691	Synchronous climate anomalies in the western North Pacific and North Atlantic regions during the last 14,000 years. <i>Quaternary Science Reviews</i> , 2009, 28, 840-849.	1.4	72
1692	Evidence for prolonged El Nino-like conditions in the Pacific during the Late Pleistocene: a 43ka noble gas record from California groundwaters. <i>Quaternary Science Reviews</i> , 2009, 28, 2465-2473.	1.4	29
1693	Early and middle Holocene in the Aegean Sea: interplay between high and low latitude climate variability. <i>Quaternary Science Reviews</i> , 2009, 28, 3246-3262.	1.4	117
1694	Millennial-scale climate variability during the Last Interglacial recorded in a speleothem from south-western France. <i>Quaternary Science Reviews</i> , 2009, 28, 3263-3274.	1.4	67
1695	Burial and preservation of a 30,000 year old perennial snowbank in Red Creek valley, Ogilvie Mountains, central Yukon, Canada. <i>Quaternary Science Reviews</i> , 2009, 28, 3401-3413.	1.4	22
1696	Climate variability during the last 1000 years inferred from Andean ice cores: A review of methodology and recent results. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 281, 229-241.	1.0	88
1697	Oxygen and carbon isotope signatures in late Neogene horse teeth from Spain and application as temperature and seasonality proxies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 274, 64-81.	1.0	50
1698	Palaeoecology of late Early Miocene fauna in the Namib based on $^{13}\text{C}/^{12}\text{C}$ and $^{18}\text{O}/^{16}\text{O}$ ratios of tooth enamel and ratite eggshell carbonate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 277, 191-198.	1.0	13
1699	Too low $^{18}\text{O}$ of paleo-meteoric, low latitude, water; do paleo-tropical cyclones explain it?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 387-395.	1.0	7
1700	Seasonal and geographic climate variabilities during the Last Glacial Maximum in North America: Applying isotopic analysis and macrophysical climate models. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 283, 15-27.	1.0	21
1701	The geographic origins of Nasca trophy heads using strontium, oxygen, and carbon isotope data. <i>Journal of Anthropological Archaeology</i> , 2009, 28, 244-257.	0.7	95
1702	Geologic, geomorphic and hydrologic framework and evolution of the Bengal basin, India and Bangladesh. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 227-244.	1.0	151
1703	Method-dependent variations in stable isotope results for structural carbonate in bone bioapatite. <i>Journal of Archaeological Science</i> , 2009, 36, 110-121.	1.2	48
1704	Insights into immigration and social class at Machu Picchu, Peru based on oxygen, strontium, and lead isotopic analysis. <i>Journal of Archaeological Science</i> , 2009, 36, 317-332.	1.2	185
1705	Reconstructing faunal migrations using intra-tooth sampling and strontium and oxygen isotope analyses: a case study of modern caribou ( <i>Rangifer tarandus granti</i> ). <i>Journal of Archaeological Science</i> , 2009, 36, 1163-1172.	1.2	138

#	ARTICLE	IF	CITATIONS
1706	Oxygen and strontium isotope evidence for mobility in Roman Winchester. <i>Journal of Archaeological Science</i> , 2009, 36, 2816-2825.	1.2	93
1707	Use of B isotopes as a tracer of anthropogenic emissions in the atmosphere of Paris, France. <i>Applied Geochemistry</i> , 2009, 24, 810-820.	1.4	34
1708	Population Variation in Isotopic Composition of Shorebird Feathers: Implications for Determining Molting Grounds. <i>Waterbirds</i> , 2009, 32, 300-310.	0.2	5
1709	Seasonal variability in the salinity and oxygen isotopic composition of seawater from the Cariaco Basin, Venezuela: Implications for paleosalinity reconstructions. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	32
1710	Contrasting intrainterstadial climatic evolution between high and middle North Atlantic latitudes: A close-up of Greenland Interstadials 8 and 12. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	27
1711	Influence of condensate evaporation on water vapor and its stable isotopes in a GCM. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	40
1712	Interpreting temperature information from ice cores along the Antarctic Peninsula: ERA40 analysis. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	28
1713	Precipitation over South America during the Last Glacial Maximum: An analysis of the "amount effect" with a water isotope-enabled general circulation model. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	52
1714	Ice core evidence for significant 100-year regional warming on the Antarctic Peninsula. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	91
1715	Sensitivity of stable water isotopic values to convective parameterization schemes. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	53
1716	Observation and modeling of stable water isotopes as diagnostics of rainfall dynamics over southeastern Australia. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	52
1717	Isotopic composition of waters from Ethiopia and Kenya: Insights into moisture sources for eastern Africa. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	155
1718	Improving ice core interpretation using in situ and reanalysis data. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	29
1719	The evidence for and against astronomical impacts on climate change and mass extinctions: a review. <i>International Journal of Astrobiology</i> , 2009, 8, 213-219.	0.9	85
1722	Analysis of Deuterium from Fossil Pollen to Reconstruct Paleoclimates. <i>Journal of the Arizona-Nevada Academy of Science</i> , 2009, 41, 87-92.	0.1	1
1723	High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. <i>Holocene</i> , 2009, 19, 3-49.	0.9	588
1725	Hydrogen and oxygen isotopic compositions of lake water in the western United States. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 1179-1189.	1.6	63
1726	Hadrosaurid migration: inferences based on stable isotope comparisons among Late Cretaceous dinosaur localities. <i>Paleobiology</i> , 2009, 35, 270-288.	1.3	35

#	ARTICLE	IF	CITATIONS
1727	Climatic Signals in $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ of Tree-rings from White Spruce in the Mackenzie Delta Region, Northern Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2009, 41, 497-505.	0.4	58
1728	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
1729	Etude géochimique et isotopique des aquifères dans la zone de Maicao (Colombie) / Study of the geochemistry and isotopic composition of aquifers in the Maicao region (Columbia). <i>Hydrological Sciences Journal</i> , 2009, 54, 538-555.	1.2	6
1730	Intra-annual variation in the stable oxygen and carbon isotope ratios of cellulose in tree rings of coast redwood ( <i>Sequoia sempervirens</i> ). <i>Holocene</i> , 2009, 19, 189-197.	0.9	52
1731	Stable water isotopes in HadCM3: Isotopic signature of El Niño–Southern Oscillation and the tropical amount effect. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	153
1732	Anatomy of a Dansgaard–Oeschger warming transition: High-resolution analysis of the North Greenland Ice Core Project ice core. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	41
1733	Seasonality of isotopes in precipitation: A global perspective. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	98
1734	The stable isotope amount effect: New insights from NEXRAD echo tops, Luquillo Mountains, Puerto Rico. <i>Water Resources Research</i> , 2009, 45, .	1.7	80
1735	Sea surface temperature control on the stable isotopic composition of rainfall in Panama. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	33
1736	A new spatial distribution map of $\delta^{18}\text{O}$ in Antarctic surface snow. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	9
1737	Oxygen and Hydrogen Isotopes of Waters in the Ordos Basin, China: Implications for Recharge of Groundwater in the North of Cretaceous Groundwater Basin. <i>Acta Geologica Sinica</i> , 2009, 83, 103-113.	0.8	26
1738	Ocean acidification and biologically induced seasonality of carbonate mineral saturation states in the western Arctic Ocean. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	127
1739	Special issue with papers from the ESLAB 2008 Symposium on “Cosmic Cataclysms and Life”. <i>International Journal of Astrobiology</i> , 2009, 8, 145-146.	0.9	0
1740	Using Oxygen Isotopes of Phosphate To Trace Phosphorus Sources and Cycling in Lake Erie. <i>Environmental Science &amp; Technology</i> , 2009, 43, 3108-3114.	4.6	97
1741	The Use of Stable Oxygen Isotope ( $\delta^{18}\text{O}$ ) Composition in Sockeye Salmon Body Fluid to Determine whether a Fish Has Been Caught in Freshwater. <i>North American Journal of Fisheries Management</i> , 2009, 29, 560-569.	0.5	2
1742	Mesoscale patterns of altitudinal tenancy in migratory wood warblers inferred from stable carbon isotopes. <i>Ecological Applications</i> , 2009, 19, 1264-1273.	1.8	6
1743	Environments. , 0, , 184-201.		0
1744	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

#	ARTICLE	IF	CITATIONS
1746	Isotopes and Processes in the Nitrogen and Sulfur Cycles. , 2009, , 203-246.		13
1747	H&lt;sub&gt;2&lt;/sub&lt;/sup&gt;O and HDO measurements with IASI/MetOp. Atmospheric Chemistry and Physics, 2009, 9, 9433-9447.	1.9	74
1748	Temperature and vapour-trajectory controls on the stable-isotope signal in Canadian Rocky Mountain snowpacks. Journal of Glaciology, 2009, 55, 485-498.	1.1	27
1749	Ice layers as an indicator of summer warmth and atmospheric blocking in Alaska. Journal of Glaciology, 2010, 56, 715-722.	1.1	8
1750	Temporal and spatial variation of stable-isotope ratios and accumulation rates in the hinterland of Neumayer station, East Antarctica. Journal of Glaciology, 2010, 56, 673-687.	1.1	37
1751	THE STABLE AND RADIOGENIC ISOTOPIC ATTRIBUTES OF PRECIOUS-METAL-BEARING POLYMETALLIC VEINS FROM THE COBALT EMBAYMENT, NORTHERN ONTARIO, CANADA: GENETIC AND EXPLORATION IMPLICATIONS. Canadian Mineralogist, 2010, 48, 391-414.	0.3	2
1752	Evaluation of the "amount effect" at speleothem sites in the Asian monsoon region. IOP Conference Series: Earth and Environmental Science, 2010, 9, 012023.	0.2	2
1753	Water vapour source impacts on oxygen isotope variability in tropical precipitation during Heinrich events. Climate of the Past, 2010, 6, 325-343.	1.3	102
1755	Stable and noble gas isotopic study of thermal and groundwaters in northwestern Hokkaido, Japan and the occurrence of geopressured fluids. Geochemical Journal, 2010, 44, 545-560.	0.5	19
1756	Numerical model of the cloud particle isotope composition formation. Russian Meteorology and Hydrology, 2010, 35, 320-326.	0.2	0
1757	An investigation of the controls on Irish precipitation $\delta^{18}O$ values on monthly and event timescales. Climate Dynamics, 2010, 35, 977-993.	1.7	47
1758	Stable isotopes (2H, 18O and 13C) in groundwaters from the northwestern portion of the Guarani Aquifer System (Brazil). Hydrogeology Journal, 2010, 18, 1497-1513.	0.9	24
1760	Meteoric diagenesis of Quaternary carbonate-rocky talus slope successions (Northern Calcareous Tj ETQq1 1 0.784314 rgBT <sub>17</sub> /Overlook	0.7	17
1761	Characterization of precipitation $\delta^{18}O$ variation in Nagqu, central Tibetan Plateau and its climatic controls. Theoretical and Applied Climatology, 2010, 99, 95-104.	1.3	23
1762	Relation between temperature changes of the mid-upper troposphere over Eurasian mid-high latitudes and solar irradiance in the twentieth century. Environmental Earth Sciences, 2010, 60, 1257-1266.	1.3	1
1763	Spatio-temporal variation of stable isotopes in precipitation in the Heihe River Basin, Northwestern China. Environmental Earth Sciences, 2010, 61, 1123-1134.	1.3	68
1764	Hydrochemical and isotopic investigation of the groundwater composition of an alluvial aquifer, Cap Bon Peninsula, Tunisia. Carbonates and Evaporites, 2010, 25, 161-176.	0.4	34



#	ARTICLE	IF	CITATIONS
1765	Characteristics of $\delta^{18}\text{O}$ in precipitation over Eastern Monsoon China and the water vapor sources. <i>Science Bulletin</i> , 2010, 55, 200-211.	1.7	101
1766	Distribution of $\delta^{18}\text{O}$ in surface snow along a transect from Zhongshan Station to Dome A, East Antarctica. <i>Science Bulletin</i> , 2010, 55, 2709-2714.	1.7	19
1767	Influence of climatic teleconnections on the temporal isotopic variability as recorded in a firn core from the coastal Dronning Maud Land, East Antarctica. <i>Journal of Earth System Science</i> , 2010, 119, 41-49.	0.6	10
1768	Oxygen and carbon isotope records of cultured freshwater pearl mussel <i>Hyriopsis</i> sp. shell from Lake Kasumigaura, Japan. <i>Journal of Paleolimnology</i> , 2010, 43, 437-448.	0.8	13
1769	A multi-proxy approach to reconstruct hydrological changes and Holocene climate development of Nam Co, Central Tibet. <i>Journal of Paleolimnology</i> , 2010, 43, 625-648.	0.8	138
1770	Oxygen isotope fractionation in three freshwater ostracod species from early Holocene lacustrine tufa in northern Estonia. <i>Journal of Paleolimnology</i> , 2010, 43, 815-828.	0.8	6
1771	ENSO and solar activity signals from oxygen isotopes in diatom silica during late glacial-Holocene transition in Central Andes ( $18^\circ\text{S}$ ). <i>Journal of Paleolimnology</i> , 2010, 44, 413-429.	0.8	16
1772	Southern hemisphere atmospheric circulation: impacts on Antarctic climate and reconstructions from Antarctic ice core data. <i>Climatic Change</i> , 2010, 99, 155-192.	1.7	39
1773	Identification of groundwater sources of a local-scale creep slope: Using environmental stable isotopes as tracers. <i>Journal of Hydrology</i> , 2010, 381, 151-157.	2.3	27
1774	ENSO-triggered exceptional flooding in the Paraná River: Where is the excess water coming from?. <i>Journal of Hydrology</i> , 2010, 383, 186-193.	2.3	30
1775	Controls on oxygen isotope variability in precipitation and cave drip waters, central Texas, USA. <i>Journal of Hydrology</i> , 2010, 385, 203-215.	2.3	82
1776	Recharge history and controls on groundwater quality in the Yuncheng Basin, north China. <i>Journal of Hydrology</i> , 2010, 385, 216-229.	2.3	96
1777	Changes in groundwater induced by water diversion in the Lower Tarim River, Xinjiang Uygur, NW China: Evidence from environmental isotopes and water chemistry. <i>Journal of Hydrology</i> , 2010, 387, 188-201.	2.3	120
1778	Groundwater flow regime, recharge and regional-scale solute transport in the semi-arid Kalahari of Botswana derived from isotope hydrology and hydrochemistry. <i>Journal of Hydrology</i> , 2010, 388, 291-303.	2.3	32
1779	Use of $\delta^{18}\text{O}$ tracer to identify stream and spring origins of a mountainous catchment: A case study from Liddar watershed, Western Himalaya, India. <i>Journal of Hydrology</i> , 2010, 393, 257-264.	2.3	82
1780	Paleoclimatic implications of the spatial patterns of modern and LGM European land-snail shell $\delta^{18}\text{O}$ . <i>Quaternary Research</i> , 2010, 74, 166-176.	1.0	40
1781	Using GIS for modelling the impact of current climate trend on the recharge area of the S. Susanna spring (central Apennines, Italy). <i>Hydrological Processes</i> , 2010, 24, 50-64.	1.1	15
1782	Under-ice salinity and stable isotope distribution of Saroma Lagoon, Hokkaido, northern Japan. <i>Hydrological Processes</i> , 2010, 24, 904-916.	1.1	4

#	ARTICLE	IF	CITATIONS
1783	Isotopes and geochemistry in a managed aquifer recharge scheme: a case study of fresh water injection at the Damascus University Campus, Syria. <i>Hydrological Processes</i> , 2010, 24, 1791-1805.	1.1	8
1784	The controls on boreal peatland surface water chemistry in Northern Alberta, Canada. <i>Hydrological Processes</i> , 2010, 24, 2143-2155.	1.1	12
1785	Climatic factors controlling chemical and isotopic characteristics of precipitation in Syria. <i>Hydrological Processes</i> , 2010, 24, 2641-2654.	1.1	19
1786	Using stable isotopes to determine the water sources in alpine ecosystems on the east Qinghai-Tibet plateau, China. <i>Hydrological Processes</i> , 2010, 24, 3270-3280.	1.1	22
1787	Differing controls on river and lake water hydrogen and oxygen isotopic values in the western United States. <i>Hydrological Processes</i> , 2010, 24, 3894-3906.	1.1	36
1788	High-resolution diatom $\delta^{18}O$ records, from the last 150 years, reflecting changes in amount of winter precipitation in two sub-Arctic high-altitude lakes in the Swedish Scandes. <i>Journal of Quaternary Science</i> , 2010, 25, 918-930.	1.1	9
1789	Did the Indo-Asian summer monsoon decrease during the Holocene following insolation?. <i>Journal of Quaternary Science</i> , 2010, 25, 1179-1188.	1.1	32
1790	Late Holocene climate change in central Sweden inferred from lacustrine stable isotope data. <i>Journal of Quaternary Science</i> , 2010, 25, 1305-1316.	1.1	22
1791	Climatological significance of stable isotopes in precipitation over south-west China. <i>International Journal of Climatology</i> , 2010, 30, 2229-2239.	1.5	14
1792	Discrimination between ginseng from Korea and China by light stable isotope analysis. <i>Analytica Chimica Acta</i> , 2010, 682, 77-81.	2.6	32
1793	Paleoclimates: what do we learn from deep ice cores?. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2010, 1, 654-669.	3.6	19
1794	Evolution of the stable water isotopic composition of the rain sampled along Sahelian squall lines. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 227-242.	1.0	66
1795	Tracing the geographical origin of beefs being circulated in Korean markets based on stable isotopes. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 155-159.	0.7	50
1796	New insights into Holocene atmospheric circulation dynamics in central Scandinavia inferred from oxygen isotope records of lake sediment cellulose. <i>Boreas</i> , 2010, 39, 770-782.	1.2	29
1797	OXYGEN AND CARBON ISOTOPE ANALYSIS OF HUMAN TOOTH ENAMEL FROM THE NEW KINGDOM SITE OF TOMBOS IN NUBIA. <i>Archaeometry</i> , 2010, 52, 855-868.	0.6	37
1798	Migration, Diet, or Molt? Interpreting Stable Hydrogen Isotope Values in Neotropical Bats. <i>Biotropica</i> , 2010, 42, 512-517.	0.8	26
1799	Using deuterium to examine altitudinal migration by Andean birds. <i>Journal of Field Ornithology</i> , 2010, 81, 83-91.	0.3	19
1800	Continental warming preceding the Palaeocene-Eocene thermal maximum. <i>Nature</i> , 2010, 467, 955-958.	13.7	78

#	ARTICLE	IF	CITATIONS
1801	Variable winter moisture in the southwestern United States linked to rapid glacial climate shifts. <i>Nature Geoscience</i> , 2010, 3, 114-117.	5.4	273
1802	Tropical dehydration processes constrained by the seasonality of stratospheric deuterated water. <i>Nature Geoscience</i> , 2010, 3, 262-266.	5.4	50
1803	Aberrant Water Homeostasis Detected by Stable Isotope Analysis. <i>PLoS ONE</i> , 2010, 5, e11699.	1.1	34
1804	An introduction to stable water isotopes in climate models: benefits of forward proxy modelling for paleoclimatology. <i>Climate of the Past</i> , 2010, 6, 115-129.	1.3	141
1805	Reconstructing past atmospheric circulation changes using oxygen isotopes in lake sediments from Sweden. <i>Climate of the Past</i> , 2010, 6, 49-62.	1.3	37
1806	Modelling stable water isotopes: Status and perspectives. <i>EPJ Web of Conferences</i> , 2010, 9, 73-82.	0.1	2
1807	A molluscan perspective on hydrological cycle dynamics in northwestern Europe. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2010, 89, 51-60.	0.6	7
1809	Millennial and sub-millennial scale climatic variations recorded in polar ice cores over the last glacial period. <i>Climate of the Past</i> , 2010, 6, 345-365.	1.3	143
1810	Comprehensive Dynamical Models of Global and Regional Water Isotope Distributions. , 2010, , 195-219.		54
1811	Distribution of tritium and stable isotopes in precipitation in Syria. <i>Hydrological Sciences Journal</i> , 2010, 55, 832-843.	1.2	26
1812	Oxygen-isotope dating the Yilgarn regolith. <i>Geological Society Special Publication</i> , 2010, 346, 309-320.	0.8	5
1813	Isotopic and Elemental Changes in Winter Snow Accumulation on Glaciers in the Southern Alps of New Zealand. <i>Journal of Climate</i> , 2010, 23, 4737-4749.	1.2	16
1814	Fluid-Rock Interaction in the Miocene, Post-Caldera, Tejada Intrusive Complex, Gran Canaria (Canary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2149-2176.	1.1	21
1815	Climate-driven environmental change in the Zhada basin, southwestern Tibetan Plateau. , 2010, 6, 74-92.		26
1816	Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope Stage 5. <i>Geology</i> , 2010, 38, 243-246.	2.0	73
1817	Evolution rÃ©cente des paramÃ©tres cryo-climatiques et des teneurs isotopiques des prÃ©cipitations dans les Andes Boliviennes: La Paz et Glacier du Zongo. <i>Hydrological Sciences Journal</i> , 2010, 55, 467-483.	1.2	4
1818	Oxygen isotope ratio, barium and salinity in waters around the North American coast from the Pacific to the Atlantic: Implications for freshwater sources to the Arctic throughflow. <i>Journal of Marine Research</i> , 2010, 68, 97-117.	0.3	26
1819	Constraints on palaeoenvironments in the Lower Cretaceous Wealden of southern England, from the geochemistry of sphaerosiderites. <i>Journal of the Geological Society</i> , 2010, 167, 303-311.	0.9	15

#	ARTICLE	IF	CITATIONS
1820	Statistical and Geostatistical Mapping of Precipitation Water Isotope Ratios. , 2010, , 139-160.		53
1822	Permafrost evidence for severe winter cooling during the Younger Dryas in northern Alaska. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	70
1823	Water vapor and precipitation isotope ratios in Beijing, China. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	89
1824	Waterâ€stable isotopes in the LMDZ4 general circulation model: Model evaluation for presentâ€day and past climates and applications to climatic interpretations of tropical isotopic records. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	261
1825	A century of climate variability in central Dronning Maud Land, East Antarctica, and its relation to Southern Annular Mode and El NiÃ±oâ€Southern Oscillation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	27
1826	Variations of $\delta^{18}\text{O}$ in rainwater from southwestern Oregon. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	30
1827	An advectionâ€condensation model for subtropical water vapor isotopic ratios. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	65
1828	A Bayesian model for predicting local El NiÃ±o events using tree ring widths and cellulose $\delta^{18}\text{O}$ . <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	1
1829	Influence of climate change and uplift on Colorado Plateau paleotemperatures from carbonate clumped isotope thermometry. <i>Tectonics</i> , 2010, 29, .	1.3	116
1830	Continental and local climatic influences on hydrology of eucalyptâ€ <i>Nothofagus</i> ecosystems revealed by $\delta^2\text{H}$ , $\delta^{13}\text{C}$ , and $\delta^{18}\text{O}$ of ecosystem samples. <i>Water Resources Research</i> , 2010, 46, .	1.7	0
1831	Isotopic characteristics of Indian precipitation. <i>Water Resources Research</i> , 2010, 46, .	1.7	173
1832	Moisture source temperatures and precipitation $\delta^{18}\text{O}$ â€temperature relationships across the United States. <i>Water Resources Research</i> , 2010, 46, .	1.7	45
1833	Regional downscaling for stable water isotopes: A case study of an atmospheric river event. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	87
1834	Monthly precipitation isoscapes ( $\delta^{18}\text{O}$ ) of the United States: Connections with surface temperatures, moisture source conditions, and air mass trajectories. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	63
1835	Effects of postcondensation exchange on the isotopic composition of water in the atmosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	72
1836	Synoptic controls on precipitation pathways and snow delivery to highâ€accumulation ice core sites in the Ross Sea region, Antarctica. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	39
1837	Stable isotopic compositions in Australian precipitation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	62
1838	Rainâ€vapor interaction and vapor source identification using stable isotopes from semiarid western India. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	71

#	ARTICLE	IF	CITATIONS
1839	Isotopic composition of water in the tropical tropopause layer in cloud-resolving simulations of an idealized tropical circulation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	75
1840	Understanding the Sahelian water budget through the isotopic composition of water vapor and precipitation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	95
1841	Chapter 4 Continental Carbonates as Indicators of Paleoclimate. <i>Developments in Sedimentology</i> , 2010, , 179-214.	0.5	42
1842	Polybrominated Diphenyl Ether (PBDE) Levels in Peregrine Falcon ( <i>Falco peregrinus</i> ) Eggs from California Correlate with Diet and Human Population Density. <i>Environmental Science &amp; Technology</i> , 2010, 44, 5248-5255.	4.6	50
1843	A compound-specific n-alkane $\delta^{13}C$ and $\delta^2D$ approach for assessing source and delivery processes of terrestrial organic matter within a forested watershed in northern Japan. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 599-613.	1.6	68
1844	Oxygen and hydrogen isotopes of rainfall and dripwater at DeSoto Caverns (Alabama, USA): Key to understanding past variability of moisture transport from the Gulf of Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 846-861.	1.6	34
1845	Wet-dry seasonal and spatial variations in the $\delta^{13}C$ and $\delta^{18}O$ values of the modern endogenic travertine at Baishuitai, Yunnan, SW China and their paleoclimatic and paleoenvironmental implications. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1016-1029.	1.6	26
1846	Determining the $17O/16O$ ratio of water using a water-CO <sub>2</sub> equilibration method: Application to glacial-interglacial changes in $17O$ -excess from the Dome Fuji ice core, Antarctica. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4919-4936.	1.6	12
1847	Variations of $17O/16O$ and $18O/16O$ in meteoric waters. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6276-6286.	1.6	251
1848	Leaf wax n-alkane $\delta^2D$ values of field-grown barley reflect leaf water $\delta^2D$ values at the time of leaf formation. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6741-6750.	1.6	107
1849	Isotope ratios of nonexchangeable hydrogen in soils from different climate zones. <i>Geoderma</i> , 2010, 155, 231-241.	2.3	21
1850	Viscous flow lobes in central Taylor Valley, Antarctica: Origin as remnant buried glacial ice. <i>Geomorphology</i> , 2010, 120, 174-185.	1.1	52
1851	Humid climate during deposition of sapropel 1 in the Mediterranean Sea: Assessing the influence on the Alps. <i>Global and Planetary Change</i> , 2010, 71, 242-248.	1.6	39
1852	Climatic potential of $\delta^{18}O$ of <i>Abies spectabilis</i> from the Nepal Himalaya. <i>Dendrochronologia</i> , 2010, 28, 93-98.	1.0	32
1853	Spatiotemporal variations of the $\delta^{18}O$ -salinity relation in the northern Indian Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 1422-1431.	0.6	62
1854	Integrated climate model-oxygen isotope evidence for a North American monsoon during the Late Cretaceous. <i>Earth and Planetary Science Letters</i> , 2010, 289, 11-21.	1.8	76
1855	Stable isotopic characteristic of Taiwan's precipitation: A case study of western Pacific monsoon region. <i>Earth and Planetary Science Letters</i> , 2010, 289, 357-366.	1.8	134
1856	The variation of summer monsoon precipitation in central China since the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2010, 291, 21-31.	1.8	355

#	ARTICLE	IF	CITATIONS
1857	Strong influence of water vapor source dynamics on stable isotopes in precipitation observed in Southern Meghalaya, NE India. <i>Earth and Planetary Science Letters</i> , 2010, 292, 212-220.	1.8	272
1858	The seasonality of east central North American precipitation based on three coeval Holocene speleothems from southern West Virginia. <i>Earth and Planetary Science Letters</i> , 2010, 295, 342-348.	1.8	43
1859	Lessons learned from oxygen isotopes in modern precipitation applied to interpretation of speleothem records of paleoclimate from eastern Asia. <i>Earth and Planetary Science Letters</i> , 2010, 295, 219-230.	1.8	217
1860	Combined measurements of $^{17}\text{O}$ excess and d-excess in African monsoon precipitation: Implications for evaluating convective parameterizations. <i>Earth and Planetary Science Letters</i> , 2010, 298, 104-112.	1.8	84
1861	Holocene precipitation seasonality captured by a dual hydrogen and oxygen isotope approach at Steel Lake, Minnesota. <i>Earth and Planetary Science Letters</i> , 2010, 300, 205-214.	1.8	19
1862	Middle to late Miocene Middle Eastern climate from stable oxygen and carbon isotope data, southern Alborz mountains, N Iran. <i>Earth and Planetary Science Letters</i> , 2010, 300, 125-138.	1.8	88
1863	Isotopic evolution of a seasonal snowcover and its melt by isotopic exchange between liquid water and ice. <i>Chemical Geology</i> , 2010, 270, 126-134.	1.4	74
1864	A generalized additive model for the spatial distribution of stable isotopic composition in Antarctic surface snow. <i>Chemical Geology</i> , 2010, 271, 133-141.	1.4	11
1865	Stable isotope distribution in Maastrichtian vertebrates and paleosols from the HaÅeg Basin, South Carpathians. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 293, 329-342.	1.0	27
1866	Stable isotopic evidence for terrestrial latitudinal climate gradients in the Late Miocene of the Iberian Peninsula. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 287, 28-44.	1.0	31
1867	The calcareous tufa in the Tadrart Acacus Mt. (SW Fezzan, Libya). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 287, 81-94.	1.0	108
1868	Intensification of monsoon, microclimate and asynchronous C4 appearance: Isotopic evidence from the Indian Siwalik sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 296, 165-173.	1.0	82
1869	Strengthening of the East Asian summer monsoon revealed by a shift in seasonal patterns in diet and climate after 2â€“3Ma in northwest China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 12-25.	1.0	30
1870	Understanding the ecology of mammalian carnivores and herbivores from Valdegoba cave (Burgos, Tj ETQq1 1 0.784314 rgBT /Ove 2010, 297, 263-272.	1.0	55
1871	Ancient forests and grasslands in the desert: Diet and habitat of Late Pleistocene mammals from Northcentral Sonora, Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 391-400.	1.0	36
1872	Oxygen and carbon isotope compositions of middle Cretaceous vertebrates from North Africa and Brazil: Ecological and environmental significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 439-451.	1.0	48
1873	Experimental investigations of water fluxes within the soilâ€“vegetationâ€“atmosphere system: Stable isotope mass-balance approach to partition evaporation and transpiration. <i>Physics and Chemistry of the Earth</i> , 2010, 35, 565-570.	1.2	44
1874	$\delta^{13}\text{C}$ values of n-alkanes in Tibetan lake sediments and aquatic macrophytes â€“ A surface sediment study and application to a 16ka record from Lake Koucha. <i>Organic Geochemistry</i> , 2010, 41, 779-790.	0.9	141

#	ARTICLE	IF	CITATIONS
1875	Hydrological and geomorphological basin and catchment characteristics of Lake Nam Co, South-Central Tibet. <i>Quaternary International</i> , 2010, 218, 118-130.	0.7	43
1876	Climate information from C, N and O stable isotope analyses of mammoth bones from northern Siberia. <i>Quaternary International</i> , 2010, 212, 206-212.	0.7	29
1877	Changes in deep Pacific temperature during the mid-Pleistocene transition and Quaternary. <i>Quaternary Science Reviews</i> , 2010, 29, 170-181.	1.4	47
1878	Holocene climate variability revealed by oxygen isotope analysis of Sphagnum cellulose from Walton Moss, northern England. <i>Quaternary Science Reviews</i> , 2010, 29, 1590-1601.	1.4	64
1879	The deuterium excess records of EPICA Dome C and Dronning Maud Land ice cores (East Antarctica). <i>Quaternary Science Reviews</i> , 2010, 29, 146-159.	1.4	195
1880	The mystery of Bunge Land (New Siberian Archipelago): implications for its formation based on palaeoenvironmental records, geomorphology, and remote sensing. <i>Quaternary Science Reviews</i> , 2010, 29, 3598-3614.	1.4	17
1881	A combined oxygen and silicon diatom isotope record of Late Quaternary change in Lake El'gygytgyn, North East Siberia. <i>Quaternary Science Reviews</i> , 2010, 29, 774-786.	1.4	66
1882	Controlling factors on a paleo-lake oxygen isotope record (YammoÅ»neh, Lebanon) since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2010, 29, 865-886.	1.4	55
1883	An oxygen-isotope record of Holocene climate change in the south-central Brooks Range, Alaska. <i>Quaternary Science Reviews</i> , 2010, 29, 928-939.	1.4	54
1884	Holocene climatic change and the development of the lake-effect snowbelt in Michigan, USA. <i>Quaternary Science Reviews</i> , 2010, 29, 940-951.	1.4	17
1885	Temperature and precipitation history of the Arctic. <i>Quaternary Science Reviews</i> , 2010, 29, 1679-1715.	1.4	226
1886	Sediment isotope tracers from Lake Saarikko, Finland, and implications for Holocene hydroclimatology. <i>Quaternary Science Reviews</i> , 2010, 29, 2146-2160.	1.4	38
1887	Chironomid $\delta^{18}O$ as a proxy for past lake water $\delta^{18}O$ : a Lateglacial record from Rotsee (Switzerland). <i>Quaternary Science Reviews</i> , 2010, 29, 2271-2279.	1.4	38
1888	Lateglacial and Holocene isotopic and environmental history of northern coastal Alaska – Results from a buried ice-wedge system at Barrow. <i>Quaternary Science Reviews</i> , 2010, 29, 3720-3735.	1.4	58
1889	East Asian monsoon evolution and reconciliation of climate records from Japan and Greenland during the last deglaciation. <i>Quaternary Science Reviews</i> , 2010, 29, 3327-3335.	1.4	57
1890	A multi-isotope ( $\delta^{18}O$ , $\delta^{18}O$ , $87Sr/86Sr$ , and $\delta^{11}B$ ) approach for identifying saltwater intrusion and resolving groundwater evolution along the Western Caprock Escarpment of the Southern High Plains, New Mexico. <i>Applied Geochemistry</i> , 2010, 25, 159-174.	1.4	30
1891	The dynamics of central Main Ethiopian Rift waters: Evidence from $\delta^{18}O$ , $\delta^{18}O$ and $87Sr/86Sr$ ratios. <i>Applied Geochemistry</i> , 2010, 25, 1860-1871.	1.4	25
1892	$\delta^{13}C$ - $\delta^{18}O$ Covariance: An Effective Indicator of Hydrological Closure for Lakes?. <i>Acta Geologica Sinica</i> , 2008, 82, 975-981.	0.8	0

#	ARTICLE	IF	CITATIONS
1893	Water isotope ratio ( $\delta^2\text{H}$ and $\delta^{18}\text{O}$ ) measurements in atmospheric moisture using an optical feedback cavity enhanced absorption laser spectrometer. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	39
1894	Understanding the $^{17}\text{O}$ excess glacial-interglacial variations in Vostok precipitation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	62
1895	A 350 year drought reconstruction from Alpine tree ring stable isotopes. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	1.9	108
1896	Isoscapes. , 2010, , .		182
1897	Multiple Climate Signals Characterize Cassiope Mertensiana Chronologies for a Site on Mount Rainier, Washington, USA. <i>Physical Geography</i> , 2010, 31, 79-106.	0.6	6
1898	Advances in the Research of Aquatic Environment. , 2011, , .		16
1899	Realtime Stable Isotope Monitoring of Natural Waters by Parallel-Flow Laser Spectroscopy. <i>Analytical Chemistry</i> , 2011, 83, 913-919.	3.2	24
1900	Mid-Holocene palaeoceanography of the northern South China Sea using coupled fossil-modern coral and atmosphere-ocean GCM model. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	40
1901	Late Holocene Asian summer monsoon variability reflected by $\delta^{18}\text{O}$ in tree-rings from Tibetan junipers. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	101
1902	Origin of Arctic water vapor during the ice-growth season. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	98
1903	Stable isotope behavior during cave ice formation by water freezing in Scărișoara Ice Cave, Romania. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	53
1904	Potential linkages between the moisture variability in the northeastern Qaidam Basin, China, since 1800 and the East Asian summer monsoon as reflected by tree ring $\delta^{18}\text{O}$ . <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	23
1905	Intraseasonal isotopic variation associated with the Madden-Julian Oscillation. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	112
1906	The influence of precipitation weighting on interannual variability of stable water isotopes in Greenland. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	40
1907	Influences of the hydrological cycle on observed interannual variations in atmospheric $\text{CO}_2$ . <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	6
1908	Water balance model for mean annual hydrogen and oxygen isotope distributions in surface waters of the contiguous United States. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	63
1909	Water isotopologues as a quantitative paleosalinity proxy. <i>Paleoceanography</i> , 2011, 26, .	3.0	55
1910	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



#	ARTICLE	IF	CITATIONS
1911	Co-existence of temperature and amount effects on precipitation $\delta^{18}O$ in the Asian monsoon region. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	25
1912	Stable water isotopes in the ECHAM5 general circulation model: Toward high-resolution isotope modeling on a global scale. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	234
1913	On high-resolution sampling of short ice cores: Dating and temperature information recovery from Antarctic Peninsula virtual cores. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	14
1914	Comparison of an isotopic atmospheric general circulation model with new quasi-global satellite measurements of water vapor isotopologues. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	66
1915	Tree ring cellulose $\delta^{18}O$ of <i>Fokienia hodginsii</i> in northern Laos: A promising proxy to reconstruct ENSO?. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	84
1917	The Impact of Grape Varieties to Wine Isotopic Characterization. <i>Analytical Letters</i> , 2011, 44, 2856-2864.	1.0	12
1918	Groundwater in the Arab Middle East. , 2011, , .		29
1919	On-Site Calibration for High Precision Measurements of Water Vapor Isotope Ratios Using Off-Axis Cavity-Enhanced Absorption Spectroscopy. <i>Journal of Atmospheric and Oceanic Technology</i> , 2011, 28, 1448-1457.	0.5	28
1920	Precipitation Water Stable Isotopes in the South Tibetan Plateau: Observations and Modeling*. <i>Journal of Climate</i> , 2011, 24, 3161-3178.	1.2	91
1921	River-margin habitat of <i>Ardipithecus ramidus</i> at Aramis, Ethiopia 4.4 million years ago. <i>Nature Communications</i> , 2011, 2, 602.	5.8	62
1922	Ice. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 557-560.	0.1	1
1923	Stable isotopic and geochemical data for inferring sources of recharge and groundwater flow on the volcanic island of Rishiri, Japan. <i>Applied Geochemistry</i> , 2011, 26, 1741-1751.	1.4	20
1924	The impact of vegetation and soil on runoff regulation in headwater streams on the east Qinghaiâ€”Tibet Plateau, China. <i>Catena</i> , 2011, 87, 182-189.	2.2	42
1925	Regional hydroclimate and precipitation $\delta^{18}O$ revealed in tree-ring cellulose $\delta^{18}O$ from different tree species in semi-arid Northern China. <i>Chemical Geology</i> , 2011, 282, 19-28.	1.4	56
1926	The influence of climate on $^{13}C/^{12}C$ and $^{18}O/^{16}O$ ratios in tree ring cellulose of <i>Pinus sylvestris</i> L. growing in the central Scandinavian Mountains. <i>Chemical Geology</i> , 2011, 286, 84-84.	1.4	35
1927	Response of cellulose oxygen isotope values of teak trees in differing monsoon environments to monsoon rainfall. <i>Dendrochronologia</i> , 2011, 29, 89-97.	1.0	43
1928	Comparison of whole wood and cellulose carbon and oxygen isotope series from <i>Pinus nigra</i> ssp. <i>laricio</i> (Corsica/France). <i>Dendrochronologia</i> , 2011, 29, 219-226.	1.0	32
1929	Hydrogen isotopes in dinosterol from the Chesapeake Bay estuary. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 444-459.	1.6	54

#	ARTICLE	IF	CITATIONS
1930	Oxygen isotopes in calcite grown under cave-analogue conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3956-3972.	1.6	85
1931	Environmental memory and a possible seasonal bias in the stable isotope composition of (U <sup>235</sup> Th)/He-dated goethite from the Canadian Arctic. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4194-4215.	1.6	26
1932	The record of temperature, wind velocity and air humidity in the $\delta D$ and $\delta^{18}O$ of water inclusions in synthetic and Messinian halites. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4637-4652.	1.6	24
1933	Speleothem calcite formed in situ: Modern calibration of $\delta^{18}O$ and $\delta^{13}C$ paleoclimate proxies in a continuously-monitored natural cave system. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4929-4950.	1.6	302
1934	Effect of leaf litter degradation and seasonality on D/H isotope ratios of n-alkane biomarkers. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4917-4928.	1.6	87
1935	Oxygen and hydrogen isotopes in pedogenic minerals – Implications for paleoclimate evolution in Amazonia during the Cenozoic. <i>Geoderma</i> , 2011, 163, 178-184.	2.3	8
1936	Trends in research on global climate change: A Science Citation Index Expanded-based analysis. <i>Global and Planetary Change</i> , 2011, 77, 13-20.	1.6	199
1937	The 8200yr BP cold event in stable isotope records from the North Atlantic region. <i>Global and Planetary Change</i> , 2011, 79, 288-302.	1.6	84
1938	Sampling strategy and climatic implications of tree-ring stable isotopes on the southeast Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2011, 301, 307-316.	1.8	54
1939	Stability of massive ground ice bodies in University Valley, McMurdo Dry Valleys of Antarctica: Using stable $O_2$ isotope as tracers of sublimation in hyper-arid regions. <i>Earth and Planetary Science Letters</i> , 2011, 301, 403-411.	1.8	24
1940	High-resolution stalagmite reconstructions of Australian–Indonesian monsoon rainfall variability during Heinrich stadial 3 and Greenland interstadial 4. <i>Earth and Planetary Science Letters</i> , 2011, 303, 133-142.	1.8	38
1941	Geology, Petrology and O and H isotope geochemistry of remarkably $^{18}O$ depleted Paleoproterozoic rocks of the Belomorian Belt, Karelia, Russia, attributed to global glaciation 2.4Ga. <i>Earth and Planetary Science Letters</i> , 2011, 306, 163-174.	1.8	55
1942	A strong control of the South American SeeSaw on the intra-seasonal variability of the isotopic composition of precipitation in the Bolivian Andes. <i>Earth and Planetary Science Letters</i> , 2011, 307, 47-58.	1.8	81
1943	Distichia peat – A new stable isotope paleoclimate proxy for the Andes. <i>Earth and Planetary Science Letters</i> , 2011, 307, 298-308.	1.8	23
1944	Cold conditions in Antarctica during the Little Ice Age – Implications for abrupt climate change mechanisms. <i>Earth and Planetary Science Letters</i> , 2011, 308, 41-51.	1.8	100
1945	Atmospheric circulation patterns during late Pleistocene climate changes at Lake Malawi, Africa. <i>Earth and Planetary Science Letters</i> , 2011, 312, 318-326.	1.8	77
1946	Condemned to metallum? The origin and role of 4th–6th century A.D. Phaeno mining campsites using multiple chemical techniques. <i>Journal of Archaeological Science</i> , 2011, 38, 558-569.	1.2	22
1947	Intra-skeletal variability in trace elemental content of Precolumbian Chupicuaro human bones: the record of post-mortem alteration and a tool for palaeodietary reconstruction. <i>Journal of Archaeological Science</i> , 2011, 38, 1784-1797.	1.2	24

#	ARTICLE	IF	CITATIONS
1948	A calf for all seasons? The potential of stable isotope analysis to investigate prehistoric husbandry practices. <i>Journal of Archaeological Science</i> , 2011, 38, 1858-1868.	1.2	68
1949	Pore fluid geochemistry from the Mount Elbert Gas Hydrate Stratigraphic Test Well, Alaska North Slope. <i>Marine and Petroleum Geology</i> , 2011, 28, 332-342.	1.5	33
1950	Late Quaternary paleoenvironmental records from the western Lena Delta, Arctic Siberia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 299, 175-196.	1.0	51
1951	Stable isotope analysis of the tooth enamel of Chaingzauk mammalian fauna (late Neogene, Myanmar) and its implication to paleoenvironment and paleogeography. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 300, 11-22.	1.0	43
1952	Intra-tooth oxygen isotope variation in a known population of red deer: Implications for past climate and seasonality reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 301, 64-74.	1.0	40
1953	Oxygen and hydrogen isotopes in rodent tissues: Impact of diet, water and ontogeny. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 310, 9-16.	1.0	62
1954	Triple oxygen isotope analysis of bioapatite as tracer for diagenetic alteration of bones and teeth. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 310, 84-91.	1.0	45
1955	Paleosol carbonates from the Omo Group: Isotopic records of local and regional environmental change in East Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 307, 75-89.	1.0	145
1956	Climate variability in the Early Pliocene Arctic: Annually resolved evidence from stable isotope values of sub-fossil wood, Ellesmere Island, Canada. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 308, 339-349.	1.0	48
1957	Pakistan mammal tooth stable isotopes show paleoclimatic and paleoenvironmental changes since the early Oligocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 311, 19-29.	1.0	26
1958	Evidence of Ediacaran glaciation in southernmost Brazil through magmatic to meteoric fluid circulation in the porphyry-epithermal Au-Cu deposits of Lavras do Sul. <i>Precambrian Research</i> , 2011, 189, 404-419.	1.2	13
1959	Intercomparison of $\delta^{18}O$ in precipitation simulated by Isotopic GCMs with GNIP Observation over the East Asia. <i>Procedia Environmental Sciences</i> , 2011, 10, 1601-1612.	1.3	2
1960	The palaeoenvironmental $\delta^{13}C$ record in European woolly mammoth tooth enamel. <i>Quaternary International</i> , 2011, 245, 285-290.	0.7	12
1961	Bayesian Glaciological Modelling to quantify uncertainties in ice core chronologies. <i>Quaternary Science Reviews</i> , 2011, 30, 2961-2975.	1.4	18
1962	Holocene monsoon climate documented by oxygen and carbon isotopes from lake sediments and peat bogs in China: a review and synthesis. <i>Quaternary Science Reviews</i> , 2011, 30, 1973-1987.	1.4	226
1963	Dynamic boundary-monsoon intensity hypothesis: evidence from the deglacial Amazon River discharge record. <i>Quaternary Science Reviews</i> , 2011, 30, 3823-3833.	1.4	22
1964	Groundwater-seawater interactions off the coast of southern Taiwan: Evidence from environmental isotopes. <i>Journal of Asian Earth Sciences</i> , 2011, 41, 250-262.	1.0	19
1967	Palaeoenvironments of Ancient Humans in Britain: The Application of Oxygen and Carbon Isotopes to the Reconstruction of Pleistocene Environments. <i>Developments in Quaternary Sciences</i> , 2011, , 23-37.	0.1	13

#	ARTICLE	IF	CITATIONS
1968	Sensitivity of interglacial Greenland temperature and $\delta^{18}O$ ice core data, orbital and increased $CO_2$ climate simulations. <i>Climate of the Past</i> , 2011, 7, 1041-1059.	1.3	59
1969	Water Origins over Central and Southern Japan during the Early Summer Rainy Season as Simulated with an Isotope Circulation Model. <i>Scientific Online Letters on the Atmosphere</i> , 2011, 7, 141-144.	0.6	8
1970	A comparison of the present and last interglacial periods in six Antarctic ice cores. <i>Climate of the Past</i> , 2011, 7, 397-423.	1.3	131
1971	Estimate of bias in Aura TES $HDO/H_2O$ profiles from comparison of TES and in situ $HDO/H_2O$ measurements at the Mauna Loa observatory. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 4491-4503.	1.9	59
1972	Using deuterium excess to determine water salinization mechanism. , 2011, , .		0
1973	The influence of microhabitat, moisture and diet on stable-hydrogen isotope variation in a Neotropical avian food web. <i>Journal of Tropical Ecology</i> , 2011, 27, 563-572.	0.5	11
1974	Understanding the role of fog in forest hydrology: stable isotopes as tools for determining input and partitioning of cloud water in montane forests. , 2011, , 228-241.		1
1975	Using stable isotopes to identify orographic precipitation events at Monteverde, Costa Rica. , 2011, , 242-248.		3
1976	Isotope composition of air moisture over the Mediterranean Sea: an index of the air-sea interaction pattern. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 55, 953.	0.8	154
1978	Tritium Concentration in River Water and Groundwater Collected in Rokkasho, Aomori, Japan. <i>Fusion Science and Technology</i> , 2011, 60, 1260-1263.	0.6	5
1979	Multi-proxy evidence for early to mid-Holocene environmental and climatic changes in northeastern Poland. <i>Boreas</i> , 2011, 40, 57-72.	1.2	77
1980	Examining the large-scale convergence of photosynthesis-weighted tree leaf temperatures through stable oxygen isotope analysis of multiple data sets. <i>New Phytologist</i> , 2011, 192, 912-924.	3.5	45
1981	Biogeochemical Evolution of a Landfill Leachate Plume, Norman, Oklahoma. <i>Ground Water</i> , 2011, 49, 663-687.	0.7	111
1982	Processes affecting isotopes in precipitation of an arid region. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 63, 352.	0.8	185
1983	An assessment of recharge possibility to North-Western Sahara Aquifer System (NWSAS) using environmental isotopes. <i>Journal of Hydrology</i> , 2011, 398, 184-190.	2.3	36
1984	A 9-year record of stable isotope ratios of precipitation in Eastern Hungary: Implications on isotope hydrology and regional palaeoclimatology. <i>Journal of Hydrology</i> , 2011, 400, 144-153.	2.3	66
1985	Daily $\delta^{18}O$ and $\delta^2H$ of precipitations from 2007 to 2009 in Guangzhou, South China: Implications for changes of moisture sources. <i>Journal of Hydrology</i> , 2011, 400, 477-489.	2.3	100
1986	A survey of groundwater levels and hydrogeochemistry in irrigated fields in the Karamay Agricultural Development Area, northwest China: Implications for soil and groundwater salinity resulting from surface water transfer for irrigation. <i>Journal of Hydrology</i> , 2011, 405, 217-234.	2.3	83

#	ARTICLE	IF	CITATIONS
1987	Controls on greenhouse gas concentrations in polymictic headwater lakes in Ireland. <i>Science of the Total Environment</i> , 2011, 410-411, 217-225.	3.9	46
1988	Late Quaternary glacial chronology on Nevado Illimani, Bolivia, and the implications for paleoclimatic reconstructions across the Andes. <i>Quaternary Research</i> , 2011, 75, 1-10.	1.0	17
1989	Late Pleistocene climatic change in the French Jura (Gigny) recorded in the $\delta^{18}\text{O}$ of phosphate from ungulate tooth enamel. <i>Quaternary Research</i> , 2011, 75, 605-613.	1.0	36
1990	Age and origin of the corundum-bearing rocks of Khitostrov Island, Northern Karelia. <i>Petrology</i> , 2011, 19, 79-86.	0.2	12
1991	Palaeoclimatic information from stable water isotopes of Holocene ice wedges on the Dmitrii Laptev Strait, northeast Siberia, Russia. <i>Permafrost and Periglacial Processes</i> , 2011, 22, 84-100.	1.5	53
1992	Investigation of ice-wedge infilling processes using stable oxygen and hydrogen isotopes, crystallography and occluded gases ( $\text{O}_2$ , $\text{N}_2$ , Ar). <i>Permafrost and Periglacial Processes</i> , 2011, 22, 49-64.	1.5	34
1993	Isotopic composition and thermal regime of ice wedges in northern Victoria Land, East Antarctica. <i>Permafrost and Periglacial Processes</i> , 2011, 22, 65-83.	1.5	27
1994	Isotopic composition of syngenetic ice wedges and palaeoclimatic reconstruction, western Taymyr, Russian Arctic. <i>Permafrost and Periglacial Processes</i> , 2011, 22, 101-106.	1.5	24
1995	On the $\delta^{18}\text{O}$ , $\delta\text{D}$ and $\text{D}$ -excess relations in meteoric precipitation and during equilibrium freezing: theoretical approach and field examples. <i>Permafrost and Periglacial Processes</i> , 2011, 22, 13-25.	1.5	75
1996	Isotope characterisation of ground ice in northern Canada. <i>Permafrost and Periglacial Processes</i> , 2011, 22, 3-12.	1.5	35
1997	Monitoring of flow field based on stable isotope geochemical characteristics in deep groundwater. <i>Environmental Monitoring and Assessment</i> , 2011, 179, 487-498.	1.3	17
1998	Evaporative enrichment of oxygen-18 and deuterium in lake waters on the Tibetan Plateau. <i>Journal of Paleolimnology</i> , 2011, 46, 291-307.	0.8	46
1999	A 400-year reconstruction of July relative air humidity for the Vienna region (eastern Austria) based on carbon and oxygen stable isotope ratios in tree-ring latewood cellulose of oaks ( <i>Quercus petraea</i> ) Tj ETQq0 0 0 igBT /Overdeck 10 Tf		
2000	Deuterium excess reveals diurnal sources of water vapor in forest air. <i>Oecologia</i> , 2011, 165, 213-223.	0.9	59
2001	Groundwater recharge areas of a volcanic aquifer system inferred from hydraulic, hydrogeochemical and stable isotope data: Mount Vulture, southern Italy. <i>Hydrogeology Journal</i> , 2011, 19, 133-153.	0.9	37
2002	Source of paleo-groundwater in the Emirate of Abu Dhabi, United Arab Emirates: evidence from unusual oxygen and deuterium isotope data. <i>Hydrogeology Journal</i> , 2011, 19, 155-161.	0.9	18
2003	Contributions of the International Atomic Energy Agency to the development and practice of isotope hydrology. <i>Hydrogeology Journal</i> , 2011, 19, 5-8.	0.9	8
2004	Isotopes ( $\delta\text{D}$ and $\delta^{18}\text{O}$ ) in precipitation, groundwater and surface water in the Ordos Plateau, China: implications with respect to groundwater recharge and circulation. <i>Hydrogeology Journal</i> , 2011, 19, 429-443.	0.9	100

#	ARTICLE	IF	CITATIONS
2005	Recharge and contamination sources of shallow and deep groundwater of pleistocene aquifer in El-Sadat industrial city: isotope and hydrochemical approaches. <i>Environmental Earth Sciences</i> , 2011, 62, 751-768.	0.9	41
2006	Delineating volcanic aquifer recharge areas using geochemical and isotopic tools. <i>Hydrogeology Journal</i> , 2011, 19, 1335-1347.	0.9	6
2007	Carbon isotopes in otolith amino acids identify residency of juvenile snapper (Family: Lutjanidae) in coastal nurseries. <i>Coral Reefs</i> , 2011, 30, 1135-1145.	0.9	45
2008	Reconstruction of Antarctic climate change using ice core proxy records from the coastal Dronning Maud Land, East Antarctica. <i>Journal of the Geological Society of India</i> , 2011, 78, 19-29.	0.5	3
2009	Oxygen and hydrogen isotopes for the characteristics of groundwater recharge: a case study from the Chih-Pen Creek basin, Taiwan. <i>Environmental Earth Sciences</i> , 2011, 62, 393-402.	1.3	59
2010	Recharge and contamination sources of shallow and deep groundwater of pleistocene aquifer in El-Sadat industrial city: isotope and hydrochemical approaches. <i>Environmental Earth Sciences</i> , 2011, 62, 751-768.	1.3	16
2011	Composition and sources of lipid compounds in speleothem calcite from southwestern Oregon and their paleoenvironmental implications. <i>Environmental Earth Sciences</i> , 2011, 62, 1245-1261.	1.3	12
2012	Hydrogeochemistry, environmental isotopes and the origin of the Hamamayagi-Ladik thermal spring (Samsun, Turkey). <i>Environmental Earth Sciences</i> , 2011, 62, 1351-1360.	1.3	21
2013	Spatio-temporal variations of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ in precipitation and shallow groundwater in the Hilly Loess Region of the Loess Plateau, China. <i>Environmental Earth Sciences</i> , 2011, 63, 1105-1118.	1.3	20
2014	$\delta^{18}\text{O}$ and $\delta^2\text{H}$ records of inactive ice wedge in Yitulihe, Northeastern China and their paleoclimatic implications. <i>Science China Earth Sciences</i> , 2011, 54, 119-126.	2.3	12
2015	Spatial distribution of 10 m firn temperature in the Antarctic ice sheet. <i>Science China Earth Sciences</i> , 2011, 54, 655-666.	2.3	6
2016	A method for estimating the contribution of evaporative vapor from Nam Co to local atmospheric vapor based on stable isotopes of water bodies. <i>Science Bulletin</i> , 2011, 56, 1511-1517.	1.7	46
2017	Short-term variations of vapor isotope ratios reveal the influence of atmospheric processes. <i>Journal of Chinese Geography</i> , 2011, 21, 401-416.	1.5	21
2018	Multi-tissue analysis of oxygen isotopes in wild rhesus macaques ( <i>Macaca mulatta</i> ). <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 779-788.	0.7	7
2019	Tracing the sources of water using stable isotopes: first results along the Mangalore-Udupi region, southwest coast of India. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2769-2776.	0.7	15
2020	Consistent predictable patterns in the hydrogen and oxygen stable isotope ratios of animal proteins consumed by modern humans in the USA. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3713-3722.	0.7	19
2021	Correlation between isotopic and meteorological parameters in Italian wines: a local-scale approach. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 2088-2094.	1.7	21
2022	Refining oxygen isotope analysis in the Nasca region of Peru: An investigation of water sources and archaeological samples. <i>International Journal of Osteoarchaeology</i> , 2011, 21, 446-455.	0.6	51

#	ARTICLE	IF	CITATIONS
2023	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
2024	Hydrological and isotopic characterization of river water, groundwater, and groundwater recharge in the Heihe River basin, northwestern China. <i>Hydrological Processes</i> , 2011, 25, 1271-1283.	1.1	53
2025	Hydrograph separation and precipitation source identification using stable water isotopes and conductivity: River Ganga at Himalayan foothills. <i>Hydrological Processes</i> , 2011, 25, 1521-1530.	1.1	132
2026	A Lagrangian approach to modelling stable isotopes in precipitation over mountainous terrain. <i>Hydrological Processes</i> , 2011, 25, 2481-2491.	1.1	23
2027	Recharge sources and hydrogeological effects of irrigation and an influent river identified by stable isotopes in the Motril-Salobreña aquifer (Southern Spain). <i>Hydrological Processes</i> , 2011, 25, 2261-2274.	1.1	20
2028	Model Based Spatial Distribution of Oxygen-18 Isotopes in Precipitation Across Canada. <i>Canadian Water Resources Journal</i> , 2011, 36, 313-330.	0.5	22
2029	Application of Isotopic Technology in Aqueous Environment. <i>Advanced Materials Research</i> , 2011, 356-360, 2325-2328.	0.3	0
2030	The Relation between $\delta^{18}\text{O}$ of Precipitation and Air Temperature in Northern China. <i>Advanced Materials Research</i> , 2011, 233-235, 462-465.	0.3	0
2031	Speleothem records of changes in tropical hydrology over the Holocene and possible implications for atmospheric methane. <i>Holocene</i> , 2011, 21, 735-741.	0.9	21
2032	Isotopic paleoecology of Clovis mammoths from Arizona. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17916-17920.	3.3	31
2033	The study on the precipitation isotope characteristic and effect factor for water cycle. , 2011, , .		4
2034	Cellulose $\delta^{18}\text{O}$ is an index of leaf-to-air vapor pressure difference (VPD) in tropical plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1981-1986.	3.3	148
2035	Chinese stalagmite $\delta^{18}\text{O}$ controlled by changes in the Indian monsoon during a simulated Heinrich event. <i>Nature Geoscience</i> , 2011, 4, 474-480.	5.4	505
2036	Stable isotopes in precipitation in relation to the meteorological factors in Yangtze river basin. , 2011, , .		0
2037	Use of Stable Isotopes to Understand Food Webs and Ecosystem Functioning in Estuaries. , 2011, , 143-173.		79
2038	Paleosol carbonate multiple isotopologue signature of active East Asian summer monsoons during the late Miocene and Pliocene. <i>Geology</i> , 2011, 39, 1151-1154.	2.0	49
2039	O-isotope Study of the Bushveld Complex Granites and Granophyres: Constraints on Source Composition, and Assimilation. <i>Journal of Petrology</i> , 2011, 52, 2221-2242.	1.1	36
2040	Isotope hydrological studies of the perennial ice deposit of Saarlhale, MammuthÄhle, Dachstein Mts, Austria. <i>Cryosphere</i> , 2011, 5, 291-298.	1.5	21

#	ARTICLE	IF	CITATIONS
2041	Regional Differences in South American Monsoon Precipitation Inferred from the Growth and Isotopic Composition of Tropical Trees*. <i>Earth Interactions</i> , 2011, 15, 1-35.	0.7	46
2043	Application of stable hydrogen isotope models to the evaluation of groundwater resources: case of the PÄfdurea Craiului limestone aquifer system. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2011, 11, 79-91.	0.5	2
2044	Climate change imprinting on stable isotopic compositions of high-elevation meteoric water cloaks past surface elevations of major orogens. <i>Geology</i> , 2011, 39, 595-598.	2.0	75
2045	Correlates of Deuterium ( $\delta^2\text{H}$ ) Enrichment in the Feathers of Adult American Kestrels of Known Origin. <i>Condor</i> , 2011, 113, 555-564.	0.7	12
2046	Water isotopic ratios from a continuously melted ice core sample. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 2531-2542.	1.2	44
2049	Hydrogeological Conceptual Model of Groundwater from Carbonate Aquifers Using Environmental Isotopes ( $\delta^{18}\text{O}$ , $\delta^2\text{H}$ ) and Chemical Tracers: A Case Study in Southern Latium Region, Central Italy. <i>Journal of Water Resource and Protection</i> , 2012, 04, 695-716.	0.3	35
2050	Specific climatic signals recorded in earlywood and latewood $\delta^{18}\text{O}$ of tree rings in southwestern China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 64, 18703.	0.8	31
2051	Twentieth-Century Surface Temperature Trends in the Western Ross Sea, Antarctica: Evidence from a High-Resolution Ice Core. <i>Journal of Climate</i> , 2012, 25, 3629-3636.	1.2	14
2052	Eclipse Ice Core Accumulation and Stable Isotope Variability as an Indicator of North Pacific Climate. <i>Journal of Climate</i> , 2012, 25, 6426-6440.	1.2	6
2053	Measuring variations of $\delta^{18}\text{O}$ and $\delta^2\text{H}$ in atmospheric water vapour using two commercial laser-based spectrometers: an instrument characterisation study. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 1491-1511.	1.2	116
2054	Pairing Measurements of the Water Vapor Isotope Ratio with Humidity to Deduce Atmospheric Moistening and Dehydration in the Tropical Midtroposphere. <i>Journal of Climate</i> , 2012, 25, 4476-4494.	1.2	142
2056	Stable water isotopes of precipitation and firn cores from the northern Antarctic Peninsula region as a proxy for climate reconstruction. <i>Cryosphere</i> , 2012, 6, 313-330.	1.5	23
2057	Water isotope variations in the global ocean model MPI-OM. <i>Geoscientific Model Development</i> , 2012, 5, 809-818.	1.3	40
2058	Early Cenozoic topography, morphology, and tectonics of the northern Sierra Nevada and western Basin and Range. , 2012, 8, 229-249.		56
2059	Marching in Near Lock-Step. <i>Science</i> , 2012, 335, 548-549.	6.0	0
2060	Footprint of recycled water subsidies downwind of Lake Michigan. <i>Ecosphere</i> , 2012, 3, 1-16.	1.0	56
2061	Deuterium isotopic characterization of long-term precipitation water in Cluj-Napoca, Romania. , 2012, , .		1
2062	Oxygen isotopes in tree rings are a good proxy for Amazon precipitation and El Niño-Southern Oscillation variability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16957-16962.	3.3	158



#	ARTICLE	IF	CITATIONS
2063	Assessment of hydrogen isotopic compositions of <i>n</i> -fatty acids as paleoclimate proxies in Lake Biwa sediments. <i>Journal of Quaternary Science</i> , 2012, 27, 884-890.	1.1	13
2064	Molecular Paleohydrology: Interpreting the Hydrogen-Isotopic Composition of Lipid Biomarkers from Photosynthesizing Organisms. <i>Annual Review of Earth and Planetary Sciences</i> , 2012, 40, 221-249.	4.6	748
2065	Quantitative palaeoclimate reconstruction as an inverse problem: A Bayesian inference of late-Holocene climate on the eastern Tibetan Plateau from a peat cellulose $\delta^{18}\text{O}$ record. <i>Holocene</i> , 2012, 22, 405-412.	0.9	11
2066	Increasing aridity over the past 223 years in the Nepal Himalaya inferred from a tree-ring $\delta^{18}\text{O}$ chronology. <i>Holocene</i> , 2012, 22, 809-817.	0.9	120
2070	Younger Dryas cooling and the Greenland climate response to $\text{CO}_2$ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11101-11104.	3.3	85
2071	Dancing to the Tune of the Glacial Cycles. <i>Science</i> , 2012, 336, 1242-1243.	6.0	1
2072	Evaluation of continuous water vapor $\delta\text{D}$ and $\delta^{18}\text{O}$ measurements by off-axis integrated cavity output spectroscopy. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 2069-2080.	1.2	35
2073	Surface mass balance and stable oxygen isotope ratios from shallow firn cores on Fimbulisen, East Antarctica. <i>Annals of Glaciology</i> , 2012, 53, 70-78.	2.8	8
2074	Seasonal variations of $\delta^{17}\text{O}$ -excess and d-excess in snow precipitation at Vostok station, East Antarctica. <i>Journal of Glaciology</i> , 2012, 58, 725-733.	1.1	67
2075	Modelling Oxygen Isotopes in the University of Victoria Earth System Climate Model for Pre-industrial and Last Glacial Maximum Conditions. <i>Atmosphere - Ocean</i> , 2012, 50, 447-465.	0.6	18
2076	The isotopic composition of precipitation from a winter storm – a case study with the limited-area model COSMO <sub>iso</sub> . <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1629-1648.	1.9	83
2077	Stable water isotopologue ratios in fog and cloud droplets of liquid clouds are not size-dependent. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 9855-9863.	1.9	3
2078	Temporal evolution of stable water isotopologues in cloud droplets in a hill cap cloud in central Europe (HCCT-2010). <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 11679-11694.	1.9	9
2079	Ice-core net snow accumulation and seasonal snow chemistry at a temperate-glacier site: Mount Waddington, southwest British Columbia, Canada. <i>Journal of Glaciology</i> , 2012, 58, 1165-1175.	1.1	21
2080	Sulfur, oxygen, and hydrogen isotope compositions of precipitation in Seoul, South Korea. <i>Geochemical Journal</i> , 2012, 46, 443-457.	0.5	9
2081	Stable isotopes in global precipitation: A unified interpretation based on atmospheric moisture residence time. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	107
2082	MAIDENiso: a multiproxy biophysical model of tree-ring width and oxygen and carbon isotopes. <i>Canadian Journal of Forest Research</i> , 2012, 42, 1697-1713.	0.8	27
2083	Stable isotopes of modern water across the Himalaya and eastern Tibetan Plateau: Implications for estimates of paleoelevation and paleoclimate. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	190

#	ARTICLE	IF	CITATIONS
2084	Oceanic and terrestrial sources of continental precipitation. <i>Reviews of Geophysics</i> , 2012, 50, .	9.0	384
2085	Exploring uncertainties in the relationship between temperature, ice volume, and sea level over the past 50 million years. <i>Reviews of Geophysics</i> , 2012, 50, .	9.0	33
2086	Chemical and isotopic characteristics of a glacier-derived naled in front of Austre GrÅ,ñfjordbreen, Svalbard. <i>Polar Research</i> , 2012, 31, 17628.	1.6	10
2087	Recent summer precipitation trends in the Greater Horn of Africa and the emerging role of Indian Ocean sea surface temperature. <i>Climate Dynamics</i> , 2012, 39, 2307-2328.	1.7	129
2088	Decreasing Asian summer monsoon intensity after 1860 AD in the global warming epoch. <i>Climate Dynamics</i> , 2012, 39, 2079-2088.	1.7	71
2089	Seasonal climate information preserved in West Antarctic ice core water isotopes: relationships to temperature, large-scale circulation, and sea ice. <i>Climate Dynamics</i> , 2012, 39, 1841-1857.	1.7	54
2090	Long-term analysis of Hubbard Brook stable oxygen isotope ratios of streamwater and precipitation sulfate. <i>Biogeochemistry</i> , 2012, 111, 443-454.	1.7	16
2091	Identifying fluvial recharge and artesian upwards leakage contributions to arid zone shallow, unconfined groundwater. <i>Chemical Geology</i> , 2012, 326-327, 189-200.	1.4	7
2092	Forensic human identification in the United States and Canada: A review of the law, admissible techniques, and the legal implications of their application in forensic cases. <i>Forensic Science International</i> , 2012, 222, 394.e1-394.e13.	1.3	30
2093	Molecular records of climate variability and vegetation response since the Late Pleistocene in the Lake Victoria basin, East Africa. <i>Quaternary Science Reviews</i> , 2012, 55, 59-74.	1.4	125
2094	Changes in ionic and oxygen isotopic composition of the snow-firn pack at Baishui Glacier No. 1, southeastern Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2012, 67, 2345-2358.	1.3	6
2095	Spatial variability of environmental isotope and chemical content of precipitation in Jordan and evidence of slight change in climate. <i>Applied Water Science</i> , 2012, 2, 271-283.	2.8	27
2096	GCM simulations of stable isotopes in the water cycle in comparison with GNIP observations over East Asia. <i>Journal of Meteorological Research</i> , 2012, 26, 420-437.	1.0	13
2097	Spatiotemporal distributions of $\delta^2\text{H}$ in atmospheric water vapor based on TES Data during 2004-2009. <i>Journal of Meteorological Research</i> , 2012, 26, 683-699.	1.0	3
2098	Seasonal variation in kangaroo tooth enamel oxygen and carbon isotopes in southern Australia. <i>Quaternary Research</i> , 2012, 78, 256-265.	1.0	28
2099	Variation in water potential, hydraulic characteristics and water source use in montane Douglas-fir and lodgepole pine trees in southwestern Alberta and consequences for seasonal changes in photosynthetic capacity. <i>Tree Physiology</i> , 2012, 32, 146-160.	1.4	26
2100	Hydrologic cycling over Antarctica during the middle Miocene warming. <i>Nature Geoscience</i> , 2012, 5, 557-560.	5.4	96
2101	The impact of rapid early- to mid-Holocene palaeoenvironmental changes on Neolithic settlement at Nea Nikomideia, Thessaloniki Plain, Greece. <i>Quaternary International</i> , 2012, 266, 47-61.	0.7	33

#	ARTICLE	IF	CITATIONS
2102	Sub-seasonal oxygen and carbon isotope variations in shells of modern <i>Radix</i> sp. (Gastropoda) from the Tibetan Plateau: potential of a new archive for palaeoclimatic studies. <i>Quaternary Science Reviews</i> , 2012, 34, 44-56.	1.4	36
2103	Timing and structure of the Younger Dryas event in northern China. <i>Quaternary Science Reviews</i> , 2012, 41, 83-93.	1.4	96
2104	Absence of oxygen isotope fractionation/exchange of (hemi-) cellulose derived sugars during litter decomposition. <i>Organic Geochemistry</i> , 2012, 42, 1470-1475.	0.9	36
2105	Quantification of organic pollutant degradation in contaminated aquifers using compound specific stable isotope analysis – Review of recent developments. <i>Organic Geochemistry</i> , 2012, 42, 1440-1460.	0.9	177
2106	Influence of cellulose oxygen isotope variability in sub-fossil <i>Sphagnum</i> and plant macrofossil components on the reliability of paleoclimate records at the Mer Bleue Bog, Ottawa, Ontario, Canada. <i>Organic Geochemistry</i> , 2012, 43, 39-49.	0.9	8
2107	Water utilization of the Cretaceous Mussentuchit Member local vertebrate fauna, Cedar Mountain Formation, Utah, USA: Using oxygen isotopic composition of phosphate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 313-314, 78-92.	1.0	25
2108	Reconstruction of late Pleistocene climate in the Valsequillo Basin (Central Mexico) through isotopic analysis of terrestrial and freshwater snails. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 319-320, 16-27.	1.0	34
2109	Eastern Beringia and beyond: Late Wisconsinan and Holocene landscape dynamics along the Yukon Coastal Plain, Canada. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 319-320, 28-45.	1.0	69
2110	Toward a better understanding of palaeoclimatic regimes that recharged the fossil aquifers in North Africa: Inferences from stable isotope and remote sensing data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 329-330, 137-149.	1.0	46
2111	Palaeoprecipitation record using O-isotope studies of the Himalayan Foreland Basin sediments, NW India. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 331-332, 39-49.	1.0	28
2112	Intra-tooth isotopic profiles of canines from extant <i>Hippopotamus amphibius</i> and late Pliocene hippopotamids (Shungura Formation, Ethiopia): Insights into the seasonality of diet and climate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 342-343, 97-110.	1.0	27
2113	Frost flowers growing in the Arctic ocean atmosphere-sea ice-snow interface: 1. Chemical composition. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	53
2114	The deglacial to postglacial marine environments of the Boreas, 2012, 41, 141-179.		28
2115	Diet and habitat definitions for Mexican glyptodonts from Cedral (San Luis Potosí, México) based on stable isotope analysis. <i>Geological Magazine</i> , 2012, 149, 153-157.	0.9	16
2116	Asian monsoon hydrometeorology from TES and SCIAMACHY water vapor isotope measurements and LMDZ simulations: Implications for speleothem climate record interpretation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	87
2117	A controlled test of the dual-isotope approach for the interpretation of stable carbon and oxygen isotope ratio variation in tree rings. <i>Tree Physiology</i> , 2012, 32, 490-503.	1.4	114
2118	Sea-water/groundwater interactions along a small catchment of the European Atlantic coast. <i>Applied Geochemistry</i> , 2012, 27, 73-80.	1.4	16
2119	Groundwater recharge environments and hydrogeochemical evolution in the Jiuquan Basin, Northwest China. <i>Applied Geochemistry</i> , 2012, 27, 866-878.	1.4	50

#	ARTICLE	IF	CITATIONS
2120	The consequences of Wari contact in the Nasca region during the Middle Horizon: archaeological, skeletal, and isotopic evidence. <i>Journal of Archaeological Science</i> , 2012, 39, 2627-2636.	1.2	30
2121	Geographic variation in bone carbonate and water $\delta^{18}O$ values in Mendoza, Argentina and their relationship to prehistoric economy and settlement. <i>Journal of Archaeological Science</i> , 2012, 39, 2752-2763.	1.2	40
2122	The combined use of oxygen isotopes and microwear in sheep teeth to elucidate seasonal management of domestic herds: the case study of <i>Atlatlhayik</i> , central Anatolia. <i>Journal of Archaeological Science</i> , 2012, 39, 3264-3276.	1.2	56
2123	Paleoecologies and paleoclimates of late cenozoic mammals from Southwest China: Evidence from stable carbon and oxygen isotopes. <i>Journal of Asian Earth Sciences</i> , 2012, 44, 48-61.	1.0	58
2124	Late Neogene environmental changes in the central Himalaya related to tectonic uplift and orbital forcing. <i>Journal of Asian Earth Sciences</i> , 2012, 44, 62-76.	1.0	29
2125	Silicon isotope composition of diatoms as a paleoenvironmental proxy in Lake Huguangyan, South China. <i>Journal of Asian Earth Sciences</i> , 2012, 45, 268-274.	1.0	9
2126	Coupled basin-detachment systems as paleoaltimetry archives of the western North American Cordillera. <i>Earth and Planetary Science Letters</i> , 2012, 335-336, 36-47.	1.8	33
2127	The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. <i>Earth and Planetary Science Letters</i> , 2012, 335-336, 135-144.	1.8	171
2128	Tree-ring $\delta^{18}O$ in southwestern China linked to variations in regional cloud cover and tropical sea surface temperature. <i>Chemical Geology</i> , 2012, 291, 104-115.	1.4	51
2129	Chemical and isotopic evaluation of sulfur sources and cycling in the Pecos River, New Mexico, USA. <i>Chemical Geology</i> , 2012, 291, 13-22.	1.4	34
2130	Oxygen isotopic fractionation between drip water and speleothem calcite: A 10-year monitoring study, central Texas, USA. <i>Chemical Geology</i> , 2012, 304-305, 53-67.	1.4	48
2131	Triple isotopic composition of oxygen in surface snow and water vapor at NEEM (Greenland). <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 304-316.	1.6	82
2132	Hydrogen isotope ratios of lacustrine sedimentary n-alkanes as proxies of tropical African hydrology: Insights from a calibration transect across Cameroon. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 79, 106-126.	1.6	137
2133	Equilibrium vs. kinetic fractionation of oxygen isotopes in two low-temperature travertine-depositing systems with differing hydrodynamic conditions at Baishuitai, Yunnan, SW China. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 95, 63-78.	1.6	31
2134	A short-term climate oscillation during the Holsteinian interglacial (MIS 11c): An analogy to the 8.2ka climatic event?. <i>Global and Planetary Change</i> , 2012, 92-93, 224-235.	1.6	39
2135	Rocky Mountain hydroclimate: Holocene variability and the role of insolation, ENSO, and the North American Monsoon. <i>Global and Planetary Change</i> , 2012, 92-93, 198-208.	1.6	47
2136	Climatic variations in MIS 11 recorded by stable isotopes and trace elements in a French tufa (La Celle,) Tj ETQq0 0.0 r gBT /Overlock 10	1.1	26
2137	Isotope Dendroclimatology: A Review with a Special Emphasis on Tropics. <i>Advances in Isotope Geochemistry</i> , 2012, , 811-833.	1.4	9

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2138	Stable isotopes and elasmobranchs: tissue types, methods, applications and assumptions. <i>Journal of Fish Biology</i> , 2012, 80, 1449-1484.	0.7	203
2139	Mercury Distribution and Deposition in Glacier Snow over Western China. <i>Environmental Science &amp; Technology</i> , 2012, 46, 5404-5413.	4.6	93
2140	A meta-analysis of water vapor deuterium excess in the midlatitude atmospheric surface layer. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	78
2141	The geochemistry of the Yangtze River: Seasonality of concentrations and temporal trends of chemical loads. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	42
2142	Relationship between modern rainfall variability, cave dripwater, and stalagmite geochemistry in Guam, USA. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	37
2143	Interannual variability of H <sub>2</sub> <sup>18</sup> O in precipitation over the Asian monsoon region. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	52
2144	Process evaluation of tropospheric humidity simulated by general circulation models using water vapor isotopologues: 1. Comparison between models and observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	114
2145	Process evaluation of tropospheric humidity simulated by general circulation models using water vapor isotopic observations: 2. Using isotopic diagnostics to understand the mid and upper tropospheric moist bias in the tropics and subtropics. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	77
2146	The moisture source sequence for the Madden-Julian Oscillation as derived from satellite retrievals of HDO and H <sub>2</sub> O. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	29
2147	Macroholes in stalagmites and the search for lost water. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9
2148	Using the deuterium isotope composition of permafrost meltwater to constrain thermokarst lake contributions to atmospheric CH <sub>4</sub> during the last deglaciation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	64
2149	Flow path depth is the main controller of mean base flow transit times in a mountainous catchment. <i>Water Resources Research</i> , 2012, 48, .	1.7	50
2150	Testing the noble gas paleothermometer with a yearlong study of groundwater noble gases in an instrumented monitoring well. <i>Water Resources Research</i> , 2012, 48, .	1.7	21
2151	Recharge and source water insights from the Galapagos Islands using noble gases and stable isotopes. <i>Water Resources Research</i> , 2012, 48, .	1.7	24
2152	Are two elements better than one? Dual isotope ratio detrending of evaporative effects on lake carbonate paleoelevation proxies. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	6
2153	A 1-year long δ <sup>18</sup> O record of water vapor in Niamey (Niger) reveals insightful atmospheric processes at different timescales. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	70
2154	A 300-year Vietnam hydroclimate and ENSO variability record reconstructed from tree ring δ <sup>18</sup> O. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	91
2155	A test of the advection-condensation model for subtropical water vapor using stable isotopologue observations from Mauna Loa Observatory, Hawaii. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24

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2156	The cause of the seasonal variation in the oxygen isotopic composition of precipitation along the western U.S. coast. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	19
2157	Quantifying saline groundwater seepage to surface waters in the Athabasca oil sands region. <i>Applied Geochemistry</i> , 2012, 27, 2068-2076.	1.4	45
2158	The role of deuterium excess in determining the water salinisation mechanism: A case study of the arid Tarim River Basin, NW China. <i>Applied Geochemistry</i> , 2012, 27, 2382-2388.	1.4	86
2159	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
2160	A new precipitation weighted method for determining the meteoric water line for hydrological applications demonstrated using Australian and global GNIP data. <i>Journal of Hydrology</i> , 2012, 464-465, 344-351.	2.3	160
2161	Groundwater residence time and paleorecharge conditions in the deep confined aquifers of the coastal watershed, South-East Tanzania. <i>Journal of Hydrology</i> , 2012, 466-467, 127-140.	2.3	19
2162	Factors controlling isotopic composition of precipitation on Okinawa Island, Japan: Implications for paleoclimate reconstruction in the East Asian Monsoon region. <i>Journal of Hydrology</i> , 2012, 475, 314-322.	2.3	38
2163	Late glacial and Holocene sedimentation, vegetation, and climate history from easternmost Beringia (northern Yukon Territory, Canada). <i>Quaternary Research</i> , 2012, 78, 549-560.	1.0	18
2164	Variation in catchment areas of Indiana bat ( <i>Myotis sodalis</i> ) hibernacula inferred from stable hydrogen ( $\delta^2\text{H}$ ) isotope analysis. <i>Canadian Journal of Zoology</i> , 2012, 90, 1243-1250.	0.4	20
2165	Holocene Lake-Level Changes of Lake Nam Co, Tibetan Plateau, Deduced from Ostracod Assemblages and $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ Signatures of Their Valves. <i>Developments in Quaternary Sciences</i> , 2012, 17, 281-295.	0.1	12
2166	The Indian monsoonal influence on altitude effect of $\delta^{18}\text{O}$ in surface water on southeast Tibetan Plateau. <i>Science China Earth Sciences</i> , 2012, 55, 438-445.	2.3	16
2167	Stable isotopes in precipitation in Xilin River Basin, northern China and their implications. <i>Chinese Geographical Science</i> , 2012, 22, 531-540.	1.2	12
2168	Environmental Chemistry for a Sustainable World. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , .	0.3	15
2169	Partitioning of evaporation into transpiration, soil evaporation and interception: a comparison between isotope measurements and a HYDRUS-1D model. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 2605-2616.	1.9	160
2170	A review of the South American monsoon history as recorded in stable isotopic proxies over the past two millennia. <i>Climate of the Past</i> , 2012, 8, 1309-1321.	1.3	233
2171	Principles and development of the stalagmite paleoclimatology. <i>Journal of the Geological Society of Japan</i> , 2012, 118, 157-171.	0.2	3
2172	Synoptic variability in the Ross Sea region, Antarctica, as seen from back-trajectory modeling and ice core analysis. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	39
2173	A 250 ka oxygen isotope record from diatoms at Lake El'gygytgyn, far east Russian Arctic. <i>Climate of the Past</i> , 2012, 8, 1621-1636.	1.3	29

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2174	Little Ice Age climate and oceanic conditions of the Ross Sea, Antarctica from a coastal ice core record. <i>Climate of the Past</i> , 2012, 8, 1223-1238.	1.3	55
2176	Reconstructing Terrestrial Environments Using Stable Isotopes in Fossil Teeth and Paleosol Carbonates. <i>The Paleontological Society Papers</i> , 2012, 18, 167-194.	0.8	12
2178	A late Pleistocene–Holocene noble gas and stable isotope climate and subglacial record in southern Michigan. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	11
2179	Investigating late Holocene variations in hydroclimate and the stable isotope composition of precipitation using southern South American peatlands: an hypothesis. <i>Climate of the Past</i> , 2012, 8, 1457-1471.	1.3	15
2180	A feather–precipitation hydrogen isoscape model for New Zealand: implications for ecoforensics. <i>Ecosphere</i> , 2012, 3, 1-13.	1.0	7
2181	Investigating the past and recent $\delta^{18}O$ -accumulation relationship seen in Greenland ice cores. <i>Climate of the Past</i> , 2012, 8, 2053-2059.	1.3	30
2182	A porewater-based stable isotope approach for the investigation of subsurface hydrological processes. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 631-640.	1.9	74
2183	Ranges of moisture-source temperature estimated from Antarctic ice cores stable isotope records over glacial–interglacial cycles. <i>Climate of the Past</i> , 2012, 8, 1109-1125.	1.3	98
2184	Origin and assessment of deep groundwater inflow in the Ca' Lita landslide using hydrochemistry and in situ monitoring. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 4205-4221.	1.9	37
2185	Deglaciation records of $\delta^{17}O$ -excess in East Antarctica: reliable reconstruction of oceanic normalized relative humidity from coastal sites. <i>Climate of the Past</i> , 2012, 8, 1-16.	1.3	80
2186	Fate and Transport of Polycyclic Aromatic Hydrocarbons in Upland Irish Headwater Lake Catchments. <i>Scientific World Journal</i> , The, 2012, 2012, 1-11.	0.8	19
2187	Untangling hydrological pathways and nitrate sources by chemical appraisal in a stream network of a reservoir catchment. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 787-799.	1.9	7
2188	The oxygen isotopic composition of phytolith assemblages from tropical rainforest soil tops (Queensland, Australia): validation of a new paleoenvironmental tool. <i>Climate of the Past</i> , 2012, 8, 307-324.	1.3	29
2189	Isotopic values of the Amazon headwaters in Peru: comparison of the wet upper Río Madre de Dios watershed with the dry Urubamba–Apurimac river system. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 775-784.	0.7	13
2190	Tropical cyclone activity and western North Atlantic stratification over the last millennium: a comparative review with viable connections. <i>Journal of Quaternary Science</i> , 2012, 27, 337-343.	1.1	9
2191	Oxygen isotopes from Chinese caves: records not of monsoon rainfall but of circulation regime. <i>Journal of Quaternary Science</i> , 2012, 27, 615-624.	1.1	182
2192	Stable isotopes reveal linkages among ecohydrological processes in a seasonally dry tropical montane cloud forest. <i>Ecohydrology</i> , 2012, 5, 779-790.	1.1	193
2193	Diet, residential origin, and pathology at Machu Picchu, Peru. <i>American Journal of Physical Anthropology</i> , 2012, 149, 71-83.	2.1	28

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2194	Relationship between stable isotope ratios and drop size distribution in tropical rainfall. <i>Journal of Atmospheric Chemistry</i> , 2012, 69, 23-31.	1.4	8
2195	Reconstruction of past methane availability in an Arctic Alaska wetland indicates climate influenced methane release during the past ~12,000 years. <i>Journal of Paleolimnology</i> , 2012, 48, 27-42.	0.8	59
2196	Variation in the moisture regime of northeastern interior Alaska and possible linkages to the Aleutian Low: inferences from a late-Holocene $\delta^{18}O$ record. <i>Journal of Paleolimnology</i> , 2012, 48, 69-81.	0.8	16
2197	Late Holocene change in climate and atmospheric circulation inferred from geochemical records at Kepler Lake, south-central Alaska. <i>Journal of Paleolimnology</i> , 2012, 48, 55-67.	0.8	9
2198	North American transect of stable hydrogen and oxygen isotopes in water beetles from a museum collection. <i>Journal of Paleolimnology</i> , 2012, 48, 461-470.	0.8	18
2199	Isotopic and geochemical characteristics of groundwater in the Senegal River delta aquifer: implication of recharge and flow regime. <i>Environmental Earth Sciences</i> , 2012, 66, 1011-1020.	1.3	28
2200	Delineation of groundwater provenance in a coastal aquifer using statistical and isotopic methods, Southeast Tanzania. <i>Environmental Earth Sciences</i> , 2012, 66, 889-902.	1.3	26
2201	Climate change and the future of freshwater resources of the island: a case study on the Rishiri Island, Japan. <i>Environmental Earth Sciences</i> , 2012, 66, 1309-1319.	1.3	9
2202	Deuterium excess record in a southern Tibetan ice core and its potential climatic implications. <i>Climate Dynamics</i> , 2012, 38, 1791-1803.	1.7	50
2203	Hydrogen and Oxygen Isotope Reference Materials for the Analysis of Water Inclusions in Halite. <i>Geostandards and Geoanalytical Research</i> , 2012, 36, 51-59.	1.7	6
2204	Thermal habitat use and juvenile growth of Svalbard Arctic charr: evidence from otolith stable oxygen isotope analyses. <i>Ecology of Freshwater Fish</i> , 2012, 21, 134-144.	0.7	15
2205	USGS42 and USGS43: Human-hair stable hydrogen and oxygen isotopic reference materials and analytical methods for forensic science and implications for published measurement results. <i>Forensic Science International</i> , 2012, 214, 135-141.	1.3	73
2206	Hydrogeological and hydrochemical framework of Upper Awash River basin, Ethiopia: With special emphasis on inter-basins groundwater transfer between Blue Nile and Awash Rivers. <i>Journal of African Earth Sciences</i> , 2012, 65, 46-60.	0.9	41
2207	The influence of metabolic rate on the contribution of stable $\delta^2H$ hydrogen and oxygen isotopes in drinking water to quail blood plasma and feathers. <i>Functional Ecology</i> , 2012, 26, 1111-1119.	1.7	14
2208	Response of Mallorca shelf ecosystems to an early Holocene humid phase. <i>Marine Micropaleontology</i> , 2012, 90-91, 1-12.	0.5	3
2209	Evaluating the sensitivity of glacier rivers to climate change based on hydrograph separation of discharge. <i>Journal of Hydrology</i> , 2012, 434-435, 121-129.	2.3	126
2210	Flow paths and mixing properties of groundwater using hydrogeochemistry and environmental tracers in the southwestern area of Jeju volcanic island. <i>Journal of Hydrology</i> , 2012, 432-433, 61-74.	2.3	41
2211	The composition and distribution of chemicals and isotopes in precipitation in the Shiyang River system, northwestern China. <i>Journal of Hydrology</i> , 2012, 436-437, 92-101.	2.3	67



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2212	Using oxygen, hydrogen, and tritium isotopes to assess pond water's contribution to groundwater and local precipitation in the pediment tableland areas of northwestern Taiwan. <i>Journal of Hydrology</i> , 2012, 450-451, 105-116.	2.3	43
2213	Variability of Indian monsoonal rainfall over the past 100 ka and its implication for $\delta^{13}C$ vegetational change. <i>Quaternary Research</i> , 2012, 77, 159-170.	1.0	68
2214	Factors controlling spatial and seasonal distributions of precipitation $\delta^{18}O$ in China. <i>Hydrological Processes</i> , 2012, 26, 143-152.	1.1	47
2215	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
2216	An isotopic calibration study of precipitation, cave dripwater, and climate in west-central Florida. <i>Hydrological Processes</i> , 2012, 26, 652-662.	1.1	11
2217	A study on the spatial variations in stable isotopic composition of precipitation in a semiarid region of Southern India. <i>Hydrological Processes</i> , 2012, 26, 3791-3799.	1.1	9
2218	Assessing the life history of an andean traveller through biogeochemistry: Stable and radiogenic isotope analyses of archaeological human remains from Northern Chile. <i>International Journal of Osteoarchaeology</i> , 2012, 22, 435-451.	0.6	78
2219	Water sources of urban trees in the Los Angeles metropolitan area. <i>Urban Ecosystems</i> , 2012, 15, 195-214.	1.1	52
2220	Texas Coastal Hypoxia Linked to Brazos River Discharge as Revealed by Oxygen Isotopes. <i>Aquatic Geochemistry</i> , 2012, 18, 159-181.	1.5	15
2221	Hydrochemical characterization of complex volcanic aquifers in a continental rifted zone: the Middle Awash basin, Ethiopia. <i>Hydrogeology Journal</i> , 2012, 20, 385-400.	0.9	31
2222	A multi-proxy approach for revealing recent climatic changes in the Russian Altai. <i>Climate Dynamics</i> , 2012, 38, 175-188.	1.7	49
2223	Factors controlling diurnal variation in the isotopic composition of atmospheric water vapour observed in the taiga, eastern Siberia. <i>Hydrological Processes</i> , 2013, 27, 2295-2305.	1.1	14
2224	Differential water uptake among plant species in humid alpine meadows. <i>Journal of Vegetation Science</i> , 2013, 24, 138-147.	1.1	27
2225	Identification of Ombrotrophic Bogs in the Catskill Mountains, NY by Geochemical and Isotopic Methods. <i>Wetlands</i> , 2013, 33, 355-364.	0.7	6
2226	Hydrogeochemistry and isotope studies of groundwater in the Ga West Municipal Area, Ghana. <i>Applied Water Science</i> , 2013, 3, 577-588.	2.8	38
2227	Hydrochemical and stable isotopic characterization of shallow groundwater system in the crystalline basement terrain of Ekiti area, southwestern Nigeria. <i>Applied Water Science</i> , 2013, 3, 229-245.	2.8	25
2228	Egyptian mummies record increasing aridity in the Nile valley from 5500 to 1500yr before present. <i>Earth and Planetary Science Letters</i> , 2013, 375, 92-100.	1.8	42
2229	Resource depression, climate change, and mountain sheep in the eastern Great Basin of western North America. <i>Archaeological and Anthropological Sciences</i> , 2013, 5, 145-157.	0.7	36

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2230	Role of continental recycling in intraseasonal variations of continental moisture as deduced from model simulations and water vapor isotopic measurements. <i>Water Resources Research</i> , 2013, 49, 4136-4156.	1.7	96
2231	Geochemistry of groundwater in front of a warm-based glacier in southeast Greenland. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2013, 95, 97-108.	0.6	18
2233	Paleoclimatic, paleovegetational and provenance change in the Ganga Plain during the late Quaternary. <i>Journal of Earth System Science</i> , 2013, 122, 1141-1152.	0.6	15
2234	Stable isotopic information for hydrological investigation in Hailuoguo watershed on the eastern slope of Mount Gongga, China. <i>Environmental Earth Sciences</i> , 2013, 69, 29-39.	1.3	16
2235	Environmental control on eastern broadleaf forest species' leaf wax distributions and D/H ratios. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 64-77.	1.6	145
2236	Regional climate variability and ecosystem responses to the last deglaciation in the northern hemisphere from stable isotope data and calcite fabrics in two northern Adriatic stalagmites. <i>Quaternary Science Reviews</i> , 2013, 72, 146-158.	1.4	40
2237	Paleoenvironmental conditions and strontium isotope stratigraphy in the Paleogene Gafsa Basin (Tunisia) deduced from geochemical analyses of phosphatic fossils. <i>International Journal of Earth Sciences</i> , 2013, 102, 1111-1129.	0.9	24
2238	Isotope-based investigation on the groundwater flow and recharge mechanism in a hard-rock aquifer system: the case of Ranchi urban area, India. <i>Hydrogeology Journal</i> , 2013, 21, 1101-1115.	0.9	29
2239	Interpreting Continental Oxygen Isotope Records. <i>Geophysical Monograph Series</i> , 2013, , 37-46.	0.1	16
2240	Isotopic Patterns in Modern Global Precipitation. <i>Geophysical Monograph Series</i> , 0, , 1-36.	0.1	1,208
2241	Stable Isotopes of Paleosols and Fossil Teeth as Paleoecology and Paleoclimate Indicators: An Example from the St. David Formation, Arizona. <i>Geophysical Monograph Series</i> , 0, , 241-248.	0.1	8
2242	Hydrogeochemical zonation for groundwater management in the area with diversified geological and land-use setup. <i>Chemie Der Erde</i> , 2013, 73, 267-274.	0.8	24
2243	Stable isotopes in surface snow along a traverse route from Zhongshan station to Dome A, East Antarctica. <i>Climate Dynamics</i> , 2013, 41, 2427-2438.	1.7	21
2244	Climatic and human controls on the late Holocene fire history of northern Israel. <i>Quaternary Research</i> , 2013, 80, 396-405.	1.0	14
2245	A comparison of pretreatment methods for the analysis of phosphate oxygen isotope ratios in bioapatite. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 375-390.	0.7	51
2246	Hydrogeochemical characteristics of spring water in the Harz Mountains, Germany. <i>Chemie Der Erde</i> , 2013, 73, 283-292.	0.8	14
2247	Oxygen and carbon isotope patterns archived in shells of the aquatic gastropod <i>Radix</i> : Hydrologic and climatic signals across the Tibetan Plateau in sub-monthly resolution. <i>Quaternary International</i> , 2013, 290-291, 282-298.	0.7	24
2248	A 308 year record of climate variability in West Antarctica. <i>Geophysical Research Letters</i> , 2013, 40, 5492-5496.	1.5	43

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2249	Oxygen isotope–salinity relationships of discrete oceanic regions from India to Antarctica vis-à-vis surface hydrological processes. <i>Journal of Marine Systems</i> , 2013, 113-114, 88-93.	0.9	22
2250	Stable-isotope (H, O, and Si) evidence for seasonal variations in hydrology and Si cycling from modern waters in the Nile Basin: implications for interpreting the Quaternary record. <i>Quaternary Science Reviews</i> , 2013, 66, 4-21.	1.4	55
2251	A 400-year record of hydroclimate variability and local ENSO history in northern Southeast Asia inferred from tree-ring $\delta^{18}O$ . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 588-598.	1.0	74
2252	Seasonal variability of rainfall recorded in growth bands of the Giant African Land Snail <i>Lissachatina fulica</i> (Bowdich) from India. <i>Chemical Geology</i> , 2013, 357, 223-230.	1.4	21
2253	The application of an oxygen isotope aridity index to terrestrial paleoenvironmental reconstructions in Pleistocene North America. <i>Paleobiology</i> , 2013, 39, 576-590.	1.3	44
2254	What does the oxygen isotope composition of rodent teeth record?. <i>Earth and Planetary Science Letters</i> , 2013, 361, 258-271.	1.8	29
2255	Is the isotopic composition of event based precipitation driven by moisture source or synoptic scale weather in the Sydney Basin, Australia?. <i>Journal of Hydrology</i> , 2013, 507, 213-226.	2.3	78
2256	Oxygen isotope signatures preserved in tree ring cellulose as a proxy for April–September precipitation in Fujian, the subtropical region of southeast China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 12,805.	1.2	73
2257	Stable isotope ( $\delta^{13}C$ , $\delta^{15}N$ , $\delta^{18}O$ ) record of soils in Buryatia, southern Siberia: Implications for biogeochemical and paleoclimatic interpretations. <i>Quaternary International</i> , 2013, 290-291, 82-94.	0.7	25
2258	Estimation of shallow groundwater ages and circulation rates in the Henan Plain, China: CFC and deuterium excess methods. <i>Geosciences Journal</i> , 2013, 17, 479-488.	0.6	14
2259	Water isotopes as tools to document oceanic sources of precipitation. <i>Water Resources Research</i> , 2013, 49, 7469-7486.	1.7	108
2260	Temporal Variation in Stable Isotopic Composition of Rainfall and Groundwater in a Tropical Dry Forest in the Northeastern Caribbean. <i>Earth Interactions</i> , 2013, 17, 1-20.	0.7	20
2261	Spatio-temporal distributions of $\delta^{18}O$ , $\delta^2H$ and salinity in the Arabian Sea: Identifying processes and controls. <i>Marine Chemistry</i> , 2013, 157, 144-161.	0.9	32
2262	Is it really organic? – Multi-isotopic analysis as a tool to discriminate between organic and conventional plants. <i>Food Chemistry</i> , 2013, 141, 2812-2820.	4.2	75
2263	Evidence for high bone growth rate in <i>Euparkeria</i> obtained using a new paleohistological inference model for the humerus. <i>Journal of Vertebrate Paleontology</i> , 2013, 33, 1343-1350.	0.4	34
2264	Isotopic composition of water in precipitation in a region or place. <i>Applied Radiation and Isotopes</i> , 2013, 75, 22-25.	0.7	9
2265	Prior calcite precipitation and source mixing process influence Sr/Ca, Ba/Ca and $^{87}Sr/^{86}Sr$ of a stalagmite developed in southwestern Japan during 18.0–4.5ka. <i>Chemical Geology</i> , 2013, 347, 190-198.	1.4	21
2266	Paleohydrological and paleoenvironmental changes recorded in terrestrial sediments of the Paleocene–Eocene boundary (Normandy, France). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 376, 184-199.	1.0	48

#	ARTICLE	IF	CITATIONS
2267	Investigation on the hydrodynamics of Ganga Alluvial Plain using environmental isotopes: a case study of the Gomati River Basin, northern India. <i>Hydrogeology Journal</i> , 2013, 21, 687-700.	0.9	31
2268	Quantification of groundwater-seawater interaction in a coastal sandy aquifer system: a study from Panama, Sri Lanka. <i>Environmental Earth Sciences</i> , 2014, 72, 867.	1.3	19
2269	Vegetation and environmental changes in Northern Anatolia between 134 and 119 ka recorded in Black Sea Sediments. <i>Quaternary Research</i> , 2013, 80, 349-360.	1.0	27
2270	Late Miocene climatic and environmental variations in northern Greece inferred from stable isotope compositions ( $\delta^{18}O$ , $\delta^{13}C$ ) of equid teeth apatite. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 388, 48-57.	1.0	32
2271	Deuterium excess variations of rainfall events in a coastal area of South Australia and its relationship with synoptic weather systems and atmospheric moisture sources. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 1123-1138.	1.2	103
2272	Water isotopic variability in response to mesoscale convective system over the tropical ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 10376.	1.2	141
2273	Factors affecting isotopic composition of the rainwater in the Negev Desert, Israel. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8274-8284.	1.2	4
2274	Influence of synoptic weather events on the isotopic composition of atmospheric moisture in a coastal city of the western United States. <i>Water Resources Research</i> , 2013, 49, 3685-3696.	1.7	26
2275	Characterizing moisture exchange between the Hawaiian convective boundary layer and free troposphere using stable isotopes in water. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8208-8221.	1.2	48
2276	An Abrupt Shift in the Indian Monsoon 4000 Years Ago. <i>Geophysical Monograph Series</i> , 0, , 75-88.	0.1	85
2277	Terrestrially Derived $n$ -Alkane $\delta D$ Evidence of Shifting Holocene Paleohydrology in Highland Costa Rica. <i>Arctic, Antarctic, and Alpine Research</i> , 2013, 45, 342-349.	0.4	14
2278	East African Hominin Paleoecology: Isotopic Evidence from Paleosols. , 2013, , 59-102.		6
2279	Hominin Ecology from Hard-Tissue Biogeochemistry. , 2013, , 281-324.		14
2280	Combined isotope and enantiomer analysis to assess the fate of phenoxy acids in a heterogeneous geologic setting at an old landfill. <i>Water Research</i> , 2013, 47, 637-649.	5.3	35
2281	Dinosaur eggshell and tooth enamel geochemistry as an indicator of Mongolian Late Cretaceous paleoenvironments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 370, 158-166.	1.0	33
2282	Late middle to late Pleistocene paleoecology and paleoenvironments in the coastal plain of Rio Grande do Sul State, Southern Brazil, from stable isotopes in fossils of <i>Toxodon</i> and <i>Stegomastodon</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 369, 385-394.	1.0	38
2283	Water use patterns of estuarine vegetation in a tidal creek system. <i>Oecologia</i> , 2013, 172, 485-494.	0.9	41
2284	A high-resolution gas-source isotope ratio mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2013, 335, 45-56.	0.7	83

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2285	Andean-scale highlands in the Late Cretaceous Cordillera of the North American western margin. <i>Earth and Planetary Science Letters</i> , 2013, 362, 88-98.	1.8	19
2286	Moving peoples, changing diets: isotopic differences highlight migration and subsistence changes in the Upper Mun River Valley, Thailand. <i>Journal of Archaeological Science</i> , 2013, 40, 1681-1688.	1.2	41
2287	Chemical and isotopic characterisation of bulk deposition in the Louros basin (Epirus, Greece). <i>Atmospheric Research</i> , 2013, 132-133, 399-410.	1.8	15
2288	Environmental conditions vs. landscape. Assessment of the factors that influence small mammal fauna distribution in Southern Iberia during the latest Messinian by mean of stable isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 492-500.	1.0	9
2289	A 220ka terrestrial $\delta^{18}O$ and deuterium excess biomarker record from an eolian permafrost paleosol sequence, NE-Siberia. <i>Chemical Geology</i> , 2013, 360-361, 220-230.	1.4	41
2290	Effect of canopy interception on spatial variability and isotopic composition of throughfall in Japanese cypress plantations. <i>Journal of Hydrology</i> , 2013, 504, 1-11.	2.3	49
2291	Stable isotope ecology of Miocene bovids from northern Greece and the ape/monkey turnover in the Balkans. <i>Journal of Human Evolution</i> , 2013, 65, 185-198.	1.3	19
2292	Isotopic composition of precipitation and groundwater in Sicily, Italy. <i>Applied Geochemistry</i> , 2013, 34, 199-206.	1.4	46
2293	Paleohydrologic response to continental warming during the Paleocene–Eocene Thermal Maximum, Bighorn Basin, Wyoming. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 370, 196-208.	1.0	88
2294	Geological controls on palaeo-environmental change in a tectonic rain shadow, southern New Zealand. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 370, 103-116.	1.0	27
2295	Strontium isotopes as tracers for quantifying mixing of groundwater in the alluvial plain of a coastal watershed, south-eastern Tanzania. <i>Journal of Geochemical Exploration</i> , 2013, 130, 1-14.	1.5	25
2296	Flow dynamics and age of groundwater within a humid equatorial active volcano (Mount Cameroon) deduced by $\delta^{18}O$ , $\delta^3H$ and chlorofluorocarbons (CFCs). <i>Journal of Hydrology</i> , 2013, 502, 156-176.	2.3	17
2297	Late Pleistocene (MIS 3–4) climate inferred from micromammal communities and $\delta^{18}O$ of rodents from Les Pradelles, France. <i>Quaternary Research</i> , 2013, 80, 113-124.	1.0	30
2298	Paleogene high elevations in the Qiangtang Terrane, central Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2013, 362, 31-42.	1.8	142
2299	Excess ground ice of condensation–diffusion origin in University Valley, Dry Valleys of Antarctica: Evidence from isotope geochemistry and numerical modeling. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 120, 280-297.	1.6	45
2300	Pollen-corrected leaf wax D/H reconstructions of northeast African hydrological changes during the late Miocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 374, 62-71.	1.0	70
2301	Reconstructing tropical cyclone frequency using hydrogen isotope ratios of sedimentary n-alkanes in northern Queensland, Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 376, 66-72.	1.0	9
2302	Geochemical Study of Groundwater in the Sho River Fan, Toyama Prefecture for Heat Usage by a Geothermal Heat Pump. <i>Procedia Earth and Planetary Science</i> , 2013, 7, 389-392.	0.6	0

#	ARTICLE	IF	CITATIONS
2303	Geochemical and hydrological processes controlling groundwater salinity of a large inland wetland of northwest Australia. <i>Chemical Geology</i> , 2013, 357, 164-177.	1.4	73
2304	Late Glacial and Holocene record of climatic change in the southern Rocky Mountains from sediments in San Luis Lake, Colorado, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 392, 146-160.	1.0	30
2305	Stable isotopic composition of soil calcite (O, C) and gypsum (S) overlying Cu deposits in the Atacama Desert, Chile: Implications for mineral exploration, salt sources, and paleoenvironmental reconstruction. <i>Applied Geochemistry</i> , 2013, 29, 55-72.	1.4	14
2306	Spatial and temporal variation in precipitation isotopes in the Sydney Basin, Australia. <i>Journal of Hydrology</i> , 2013, 489, 42-55.	2.3	51
2307	Environmental controls on the 2H/1H values of terrestrial leaf waxes in the eastern Canadian Arctic. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 119, 286-301.	1.6	31
2308	Hydrochemical and isotopic investigation of atmospheric precipitation in Beijing, China. <i>Science of the Total Environment</i> , 2013, 456-457, 202-211.	3.9	33
2309	Shifts in precipitation during the last millennium in northern Scandinavia from lacustrine isotope records. <i>Quaternary Science Reviews</i> , 2013, 66, 22-34.	1.4	19
2310	Diet and environment of a mid-Pliocene fauna from southwestern Himalaya: Paleo-elevation implications. <i>Earth and Planetary Science Letters</i> , 2013, 376, 43-53.	1.8	40
2311	The oxygen and carbon isotopic signatures of biogenic carbonates in Gerzensee, Switzerland, during the rapid warming around 14,685 years BP and the following interstadial. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 391, 25-32.	1.0	25
2312	Isotopic estimation of the evapo-transpiration flux in a plain agricultural region (Po plain, Northern Tj ETQq1 1 0.784314 rgBJ /Overlock	1.4	14
2313	Monitoring groundwater flow and chemical and isotopic composition at a demonstration site for carbon dioxide storage in a depleted natural gas reservoir. <i>Applied Geochemistry</i> , 2013, 30, 16-32.	1.4	21
2314	Stable isotope analyses of tooth enamel carbonate of large herbivores from the Tugen Hills deposits: Palaeoenvironmental context of the earliest Kenyan hominids. <i>Earth and Planetary Science Letters</i> , 2013, 381, 39-51.	1.8	30
2315	Tracing Surface Water Infiltration in Fractured Rocks with Environmental Isotopes: A Case Study of the Former Balangero Asbestos Mine (Northern Italy). <i>Procedia Earth and Planetary Science</i> , 2013, 7, 754-757.	0.6	0
2316	Noble metal-graphite mineralization: A comparative study of the carbonaceous granite-gneiss complex and shales of the Russian Far East. <i>Ore Geology Reviews</i> , 2013, 53, 276-286.	1.1	5
2317	The formation of Ca-Cl-rich groundwaters in the Dry Valleys of Antarctica: Field measurements and modeling of reactive transport. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 110, 84-105.	1.6	40
2318	A 400-year tree-ring $\delta^{18}O$ chronology for the southeastern Tibetan Plateau: Implications for inferring variations of the regional hydroclimate. <i>Global and Planetary Change</i> , 2013, 104, 23-33.	1.6	52
2319	Selective recharge and isotopic composition of shallow groundwater within temperate, epigenic carbonate aquifers. <i>Journal of Hydrology</i> , 2013, 489, 201-213.	2.3	16
2320	Geochemical Study of Hot Springs Associated with New Geothermal Exploration in the Eastern Part of Toyama Prefecture, Japan. <i>Procedia Earth and Planetary Science</i> , 2013, 7, 766-769.	0.6	2

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2321	Diurnal to interannual rainfall $\delta^{18}\text{O}$ variations in northern Borneo driven by regional hydrology. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 108-119.	1.8	134
2322	Characteristics of tropical and subtropical atmospheric moistening derived from Lagrangian mass balance constrained by measurements of $\text{HDO}$ and $\text{H}_2\text{O}$ . <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 54-72.	1.2	15
2323	Global warming in an independent record of the past 130 years. <i>Geophysical Research Letters</i> , 2013, 40, 189-193.	1.5	30
2324	Stable isotope and gas properties of two climatically contrasting (Pleistocene and Holocene) ice wedges from Cape Mamontov Klyk, Laptev Sea, northern Siberia. <i>Cryosphere</i> , 2013, 7, 31-46.	1.5	30
2325	Life history of the individuals buried in the St. Benedict Cemetery (Prague, 15th–18th Centuries): Insights from $^{14}\text{C}$ dating and stable isotope ( $^{13}\text{C}$ , $^{15}\text{N}$ ) Tj ETQq0 0 0 rg BT1/Overlook 10 Tf 50	1.0	10
2326	Stable isotope paleoecology of White River ungulates during the Eocene–Oligocene climate transition in northwestern Nebraska. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 375, 38-49.	1.0	25
2327	Stable isotopes of lakes and precipitation along an altitudinal gradient in the Eastern Alps. <i>Biogeochemistry</i> , 2013, 116, 187-198.	1.7	11
2328	Correlation between precipitation and geographical location of the $\delta^2\text{H}$ values of the fatty acids in milk and bulk milk powder. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 105-116.	1.6	30
2329	Drought characteristics' role in widespread aspen forest mortality across Colorado, USA. <i>Global Change Biology</i> , 2013, 19, 1526-1537.	4.2	98
2330	Seasonal moisture sources and the isotopic composition of precipitation, rivers, and carbonates across the Andes at $32.5^{\circ}$ – $35.5^{\circ}\text{S}$ . <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 962-978.	1.0	45
2331	Experimental investigation of rates and mechanisms of isotope exchange (O, H) between volcanic ash and isotopically-labeled water. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 5-27.	1.6	34
2332	1.15 Geomorphology and Late Cenozoic Climate Change. , 2013, , 271-306.		1
2333	Dissolved Organic Matter and Inorganic Ions in a Central Himalayan Glacier—Insights into Chemical Composition and Atmospheric Sources. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6181-6188.	4.6	55
2334	Position-specific measurement of oxygen isotope ratios in cellulose: Isotopic exchange during heterotrophic cellulose synthesis. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 112, 178-191.	1.6	44
2335	Differing source water inputs, moderated by evaporative enrichment, determine the contrasting $\delta^{18}\text{O}_{\text{CELLULOSE}}$ signals in maritime Antarctic moss peat banks. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 184-194.	1.3	17
2336	Variation of $\delta^{18}\text{O}$ and $\delta^2\text{H}$ in precipitation and stream waters across the Kashmir Himalaya (India) to distinguish and estimate the seasonal sources of stream flow. <i>Journal of Hydrology</i> , 2013, 481, 157-165.	2.3	100
2337	High-resolution variability of the South American summer monsoon over the last seven millennia: insights from a speleothem record from the central Peruvian Andes. <i>Quaternary Science Reviews</i> , 2013, 75, 1-10.	1.4	124
2338	Applications of accelerator mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2013, 349-350, 203-218.	0.7	78

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2339	The Isotopic Anatomies of Molecules and Minerals. <i>Annual Review of Earth and Planetary Sciences</i> , 2013, 41, 411-441.	4.6	86
2340	â€œTo the Land or to the Seaâ€: Diet and Mobility in Early Medieval Frisia. <i>Journal of Island and Coastal Archaeology</i> , 2013, 8, 255-277.	0.6	31
2341	Measurement of $\delta^{18}\text{O}$ , $\delta^{17}\text{O}$ , and $\delta^{17}\text{O}$ -excess in Water by Off-Axis Integrated Cavity Output Spectroscopy and Isotope Ratio Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 10392-10398.	3.2	111
2342	Biomarkers record environmental changes along an altitudinal transect in the wettest place on Earth. <i>Organic Geochemistry</i> , 2013, 60, 93-99.	0.9	48
2343	Holocene changes in eastern equatorial Atlantic salinity as estimated by water isotopologues. <i>Earth and Planetary Science Letters</i> , 2013, 362, 151-162.	1.8	28
2344	Hydrogen isotope fractionation during lipid biosynthesis by <i>Haloarcula marismortui</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2013, 119, 381-390.	1.6	22
2345	Microfacies analysis and paleoenvironmental significance of palustrine carbonates in the Thakkhola-Mustang Graben (Nepal Himalaya). <i>Journal of Asian Earth Sciences</i> , 2013, 77, 117-126.	1.0	3
2346	The application of tree-rings and stable isotopes for reconstructions of climate conditions in the Russian Altai. <i>Climatic Change</i> , 2013, 120, 153-167.	1.7	24
2347	Optimized Demineralization Technique for the Measurement of Stable Isotope Ratios of Nonexchangeable H in Soil Organic Matter. <i>Environmental Science &amp; Technology</i> , 2013, 47, 949-957.	4.6	13
2348	REFINING ESTIMATES FOR THE SEASON OF SHELLFISH COLLECTION ON THE PACIFIC NORTHWEST COAST: APPLYING HIGH-RESOLUTION STABLE OXYGEN ISOTOPE ANALYSIS AND SCLEROCRONOLOGY. <i>Archaeometry</i> , 2013, 55, 258-276.	0.6	42
2349	OXYGEN AND CARBON ISOTOPE ANALYSIS OF HUMAN DENTAL ENAMEL FROM THE CARIBBEAN: IMPLICATIONS FOR INVESTIGATING INDIVIDUAL ORIGINS. <i>Archaeometry</i> , 2013, 55, 742-765.	0.6	48
2350	Masking of interannual climate proxy signals by residual tropical cyclone rainwater: Evidence and challenges for low-latitude speleothem paleoclimatology. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3632-3647.	1.0	21
2351	Climatologic and hydrologic influences on the oxygen isotope ratio of tree cellulose in coastal southern California during the late 20th century. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 4488-4503.	1.0	7
2352	Ice-core evidence of westerly and monsoon moisture contributions in the central Tibetan Plateau. <i>Journal of Glaciology</i> , 2013, 59, 56-66.	1.1	34
2353	Ancient Climate from Deuterium Content of Water in Volcanic Glass. <i>Geophysical Monograph Series</i> , 0, , 309-319.	0.1	18
2354	DIATOM METHODS   $\delta^{18}\text{O}$ Records. , 2013, , 481-488.		0
2356	Isotopic ecology of fossil fauna from Olduvai Gorge at ca 1.8 Ma, compared with modern fauna. <i>South African Journal of Science</i> , 2013, 109, 14.	0.3	18
2357	Quantifying recycled moisture fraction in precipitation of an arid region using deuterium excess. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 19251.	0.8	135



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2358	What controls precipitation $\delta^{18}\text{O}$ in the southern Tibetan Plateau at seasonal and intra-seasonal scales? A case study at Lhasa and Nyalam. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 21043.	0.8	75
2360	ICE CORE RECORDS   <i>Greenland Stable Isotopes.</i> , 2013, , 403-409.		0
2361	$\delta^{18}\text{O}$ water isotope in the $\delta^{18}\text{O}$ LOVECLIM model (version 1.0) â€“ Part 3: A palaeo-perspective based on present-day dataâ€“ model comparison for oxygen stable isotopes in carbonates. <i>Geoscientific Model Development</i> , 2013, 6, 1505-1516.	1.3	21
2363	$\delta^{18}\text{O}$ water isotope in the $\delta^{18}\text{O}$ LOVECLIM model (version 1.0) â€“ Part 2: Evaluation of model results against observed $\delta^{18}\text{O}$ in water samples. <i>Geoscientific Model Development</i> , 2013, 6, 1493-1504.	1.3	22
2364	The Stable Isotope Geochemistry of Low Temperature Fe(III) and Al Oxidesâ€“With Implications for Continental Paleoclimates. <i>Geophysical Monograph Series</i> , 0, , 285-294.	0.1	23
2365	CARBONATE STABLE ISOTOPES   <i>Lake Sediments.</i> , 2013, , 333-340.		1
2366	Biogeochemical evidence for hydrologic changes during the Holocene in a lake sediment record from southeast Greenland. <i>Holocene</i> , 2013, 23, 1428-1439.	0.9	35
2367	Continuous monitoring of summer surface water vapor isotopic composition above the Greenland Ice Sheet. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4815-4828.	1.9	155
2368	$\delta^{18}\text{O}$ water isotope in the $\delta^{18}\text{O}$ LOVECLIM model (version 1.0) â€“ Part 1: Implementation and verification. <i>Geoscientific Model Development</i> , 2013, 6, 1481-1491.	1.3	36
2369	The Hydrogen and Oxygen Isotopic Analysis of Geothermal Water in Guihu. <i>Advanced Materials Research</i> , 2013, 726-731, 3526-3530.	0.3	0
2370	PALEOCEANOGRAPHY, PHYSICAL AND CHEMICAL PROXIES   Oxygen Isotope Composition of Seawater. , 2013, , 915-922.		22
2371	Stable water isotopes in the coupled atmosphereâ€“land surface model ECHAM5-JSBACH. <i>Geoscientific Model Development</i> , 2013, 6, 1463-1480.	1.3	79
2372	The variable roads to sacrifice: Isotopic investigations of human remains from Chotunaâ€“Huaca de los Sacrificios, Lambayeque, Peru. <i>American Journal of Physical Anthropology</i> , 2013, 151, 22-37.	2.1	27
2373	Hydrogeochemistry and groundwater salinization in an ephemeral coastal flood plain: Cap Bon, Tunisia. <i>Hydrological Sciences Journal</i> , 2013, 58, 1097-1110.	1.2	17
2374	Natural abundance of $\delta^{18}\text{O}$ of sugar biomarkers in topsoils along a climate transect over the Central Scandinavian Mountains, Norway. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 12-15.	1.1	8
2375	Comparison of water isotope-ratio determinations using two cavity ring-down instruments and classical mass spectrometry in continuous ice-core analysis. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 387-398.	0.5	31
2376	The Dutch whalers: a test of a human migration in the oxygen, carbon and nitrogen isotopes of cortical bone collagen. <i>World Archaeology</i> , 2013, 45, 360-372.	0.5	14
2377	Stable isotope composition of the meteoric precipitation in Croatia. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 336-345.	0.5	15

#	ARTICLE	IF	CITATIONS
2378	Evidence of a large cooling between 1690 and 1740 AD in southern Africa. <i>Scientific Reports</i> , 2013, 3, .	1.6	54
2379	Isotope and chemical compositions of thermal fluids at Tekman Geothermal Area (Eastern Turkey). <i>Geochemical Journal</i> , 2013, 47, 423-435.	0.5	9
2380	Geochemical study of groundwater in the Sho river fan, Toyama Prefecture for heat usage by geothermal heat pump. <i>Geochemical Journal</i> , 2013, 47, 577-590.	0.5	9
2381	Geochemical, stable isotope, and numerical modeling studies of sake and groundwater for identification of the location of sake production: A case study from Hakusan City, Japan. <i>Geochemical Journal</i> , 2013, 47, 591-608.	0.5	6
2382	Using atmospheric trajectories to model the isotopic composition of rainfall in central Kenya. <i>Ecosphere</i> , 2013, 4, 1-18.	1.0	61
2383	Water Tracing in the Hydrologic Cycle. <i>Geophysical Monograph Series</i> , 0, , 97-108.	0.1	5
2384	Determining water sources in the boundary layer from tall tower profiles of water vapor and surface water isotope ratios after a snowstorm in Colorado. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 1607-1623.	1.9	47
2385	On the "well-mixed" assumption and numerical 2-D tracing of atmospheric moisture. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 5567-5585.	1.9	65
2386	Modelling and interpreting the isotopic composition of water vapour in convective updrafts. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 7903-7935.	1.9	43
2387	Global Climate Change in Marine Stable Isotope Records. <i>AGU Reference Shelf</i> , 0, , 427-433.	0.6	28
2388	The Stable Isotopic Composition of Ancient Kaolinities of North America. <i>Geophysical Monograph Series</i> , 2013, , 249-261.	0.1	14
2389	West Antarctic Ice Sheet Elevation Changes. <i>Antarctic Research Series</i> , 0, , 75-90.	0.2	26
2390	May–September precipitation in the Bhutan Himalaya since 1743 as reconstructed from tree ring cellulose $\delta^{18}\text{O}$ . <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8399-8410.	1.2	91
2391	The nocturnal water cycle in an open canopy forest. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 10,225.	1.2	70
2392	Oxygen isotopes in tree rings record variation in precipitation $\delta^{18}\text{O}$ and amount effects in the south of Mexico. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1604-1615.	1.3	30
2393	Trace metal and carbon isotopic variations in cave dripwater and stalagmite geochemistry from northern Borneo. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3567-3585.	1.0	20
2394	Comparison of precipitation isotope variability across the tropical Pacific in observations and SWING2 model simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5867-5892.	1.2	58
2395	Oxygen and carbon stable isotopes in coast redwood tree rings respond to spring and summer climate signals. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1438-1450.	1.3	28

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2396	Younger Dryas “early Holocene transition in the south-eastern Iberian Peninsula: insights from land snail shell middens. <i>Journal of Quaternary Science</i> , 2013, 28, 777-788.	1.1	14
2397	Freshwater Reservoir Effect Variability in Northern Germany. <i>Radiocarbon</i> , 2013, 55, 1085-1101.	0.8	36
2398	Oxygen-Isotope Record in Recent Carbonate Sediments from Lake Greifen, Switzerland (1750 - 1986): Application of Continental Isotopic Indicator for Evaluation of Changes in Climate and Atmospheric Circulation Patterns. <i>Geophysical Monograph Series</i> , 0, , 101-111.	0.1	31
2399	Stable isotopes composition of precipitation fallen over Cluj-Napoca, Romania, between 2009-2012. , 2013, , .		1
2400	Glaciers. , 0, , .		1
2401	Modeling insights into deuterium excess as an indicator of water vapor source conditions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 243-262.	1.2	33
2402	10th Applied Isotope Geochemistry Conference. <i>Central European Geology</i> , 2013, 56, 1-281.	0.4	1
2403	Spatial gradients of temperature, accumulation and $\delta^{18}O$ in Greenland over a series of Dansgaard-Oeschger events. <i>Climate of the Past</i> , 2013, 9, 1029-1051.	1.3	67
2404	Importance of vegetation, topography and flow paths for water transit times of base flow in alpine headwater catchments. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1661-1679.	1.9	48
2405	Spatial distribution of stable water isotopes in alpine snow cover. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2657-2668.	1.9	39
2406	A brief history of ice core science over the last 50 yr. <i>Climate of the Past</i> , 2013, 9, 2525-2547.	1.3	95
2407	Impact of elevation and weather patterns on the isotopic composition of precipitation in a tropical montane rainforest. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 409-419.	1.9	86
2408	Causes of Greenland temperature variability over the past 4000 yr: implications for northern hemispheric temperature changes. <i>Climate of the Past</i> , 2013, 9, 2299-2317.	1.3	28
2409	D/H Ratios of Supergene Alunite as an Indicator of Paleoclimate in Continental Settings. <i>Geophysical Monograph Series</i> , 2013, , 277-284.	0.1	5
2410	Influence of Last Glacial Maximum boundary conditions on the global water isotope distribution in an atmospheric general circulation model. <i>Climate of the Past</i> , 2013, 9, 789-809.	1.3	24
2411	Global isoscapes for $\delta^{18}O$ and $\delta^2H$ in precipitation: improved prediction using regionalized climatic regression models. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 4713-4728.	1.9	202
2412	Reconstruction of drip-water $\delta^{18}O$ based on calcite oxygen and clumped isotopes of speleothems from Bunker Cave (Germany). <i>Climate of the Past</i> , 2013, 9, 377-391.	1.3	47
2413	Improved water vapour spectroscopy in the 4174-4300 $cm^{-1}$ region and its impact on SCIAMACHY HDO/H <sub>2</sub> O measurements. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 879-894.	1.2	30

#	ARTICLE	IF	CITATIONS
2414	ICE CORE RECORDS   South America. , 2013, , 387-394.		0
2415	PALEOCEANOGRAPHY, BIOLOGICAL PROXIES   Biomarker Indicators of Past Climate. , 2013, , 775-782.		8
2416	ICE CORE METHODS   Stable Isotopes. , 2013, , 347-352.		0
2417	ICE CORE METHODS   Borehole Temperature Records. , 2013, , 298-302.		1
2418	The Variability of Stable Isotopes and Water Origin of Precipitation over the Maritime Continent. Scientific Online Letters on the Atmosphere, 2013, 9, 74-78.	0.6	22
2419	Oceanographic variability in the South Pacific Convergence Zone region over the last 210‰ years from multi-site coral Sr/Ca records. Geochemistry, Geophysics, Geosystems, 2013, 14, 1435-1453.	1.0	37
2420	Inside the ‐African Cattle Complex‐ Animal Burials in the Holocene Central Sahara. PLoS ONE, 2013, 8, e56879.	1.1	93
2421	Global Speleothem Oxygen Isotope Measurements Since the Last Glacial Maximum. Dataset Papers in Geosciences, 2013, 2013, 1-9.	0.3	11
2422	Carbonate Chemistry and Isotope Characteristics of Groundwater of Ljubljansko Polje and Ljubljansko Barje Aquifers in Slovenia. Scientific World Journal, The, 2013, 2013, 1-11.	0.8	19
2423	Can we determine what controls the spatio-temporal distribution of d-excess and $\delta^{17}O$ -excess in precipitation using the LMDZ general circulation model?. Climate of the Past, 2013, 9, 2173-2193.	1.3	70
2424	PALEOCLIMATE RECONSTRUCTION   Approaches. , 2013, , 179-184.		0
2426	Influence of orbital forcing and solar activity on water isotopes in precipitation during the mid- and late Holocene. Climate of the Past, 2013, 9, 13-26.	1.3	14
2427	Early Mississippian Climate Change: Isotopic Evidence from Meteoric Calcite. Geophysical Monograph Series, 2013, , 77-88.	0.1	6
2428	The El Niño-Southern Oscillation Modulation of West Antarctic Precipitation. Antarctic Research Series, 0, , 91-103.	0.2	3
2429	$O^{18}/O^{16}$ ratios in snow and ice of the Hubbard and Kaskawulsh glaciers. Geophysical Monograph Series, 0, , 180-194.	0.1	3
2430	Importance of precipitation seasonality for the interpretation of Eemian ice core isotope records from Greenland. Climate of the Past, 2013, 9, 1589-1600.	1.3	10
2431	Radiocarbon and Other Environmental Isotopes in the Groundwater of the Sites for a Planned New Nuclear Power Plant in Lithuania. Radiocarbon, 2013, 55, 951-962.	0.8	8
2432	Interpreting Past Climate from Stable Isotopes in Continental Organic Matter. Geophysical Monograph Series, 2013, , 333-341.	0.1	28

#	ARTICLE	IF	CITATIONS
2433	Modern isotope hydrology and controls on $\delta^{18}\text{O}$ of plant leaf waxes at Lake El'gygytgyn, NE Russia. <i>Climate of the Past</i> , 2013, 9, 335-352.	1.3	31
2434	Evaluation of the ability of the Chinese stalagmite $\delta^{18}\text{O}$ to record the variation in atmospheric circulation during the second half of the 20th century. <i>Climate of the Past</i> , 2014, 10, 975-985.	1.3	7
2436	Spatial Variation in Groundwater Types in the Mt. Karang (West Java, Indonesia) Volcanic Aquifer System Based on Hydro-Chemical and Stable Isotope ( $\delta^2\text{H}$ and $\delta^{18}\text{O}$ ) Analysis. <i>Modern Applied Science</i> , 2014, 8, .	0.4	1
2437	Aircraft validation of Aura Tropospheric Emission Spectrometer retrievals of $\text{H}_2\text{O}$ / $\text{H}_2\text{O}$ . <i>Atmospheric Measurement Techniques</i> , 2014, 7, 3127-3138.	1.2	29
2438	Evidence for a three-phase sequence during Heinrich Stadial 4 using a multiproxy approach based on Greenland ice core records. <i>Climate of the Past</i> , 2014, 10, 2115-2133.	1.3	49
2439	The hydrological regime of a forested tropical Andean catchment. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 5377-5397.	1.9	48
2440	Pastoralism in Northern Peru during Pre-Hispanic Times: Insights from the Mochica Period (1000–800 BCE). <i>PLoS ONE</i> , 2014, 9, e91117.	1.1	50
2441	Stable Isotope Analysis of Precipitation Samples Obtained via Crowdsourcing Reveals the Spatiotemporal Evolution of Superstorm Sandy. <i>PLoS ONE</i> , 2014, 9, e91117.	1.1	103
2442	A Review of Water Isotopes in Atmospheric General Circulation Models: Recent Advances and Future Prospects. <i>International Journal of Atmospheric Sciences</i> , 2014, 2014, 1-16.	0.5	14
2443	Tracer-based analysis of spatial and temporal variations of water sources in a glacierized catchment. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 5271-5288.	1.9	97
2445	What controls deuterium excess in global precipitation?. <i>Climate of the Past</i> , 2014, 10, 771-781.	1.3	260
2446	Characterisation of stable isotopes to identify residence times and runoff components in two meso-scale catchments in the Abay/Upper Blue Nile basin, Ethiopia. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2415-2431.	1.9	37
2447	Temperature and precipitation signal in two Alpine ice cores over the period 1961–2001. <i>Climate of the Past</i> , 2014, 10, 1093-1108.	1.3	18
2448	Study of Soil Water Movement and Groundwater Recharge for the Loess Tableland Using Environmental Tracers. <i>Transactions of the ASABE</i> , 2014, , 23-30.	1.1	3
2449	Semi-Lagrangian transport of oxygen isotopes in polythermal ice sheets: implementation and first results. <i>Geoscientific Model Development</i> , 2014, 7, 1395-1408.	1.3	7
2450	Using $\delta^{14}\text{C}$ and $\delta^3\text{H}$ to understand groundwater flow and recharge in an aquifer window. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 4951-4964.	1.9	31
2451	Effect of accumulation rate on water stable isotopes of near-surface snow in inland Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 274-283.	1.2	42
2452	Persistent decadal-scale rainfall variability in the tropical South Pacific Convergence Zone through the past six centuries. <i>Climate of the Past</i> , 2014, 10, 1319-1332.	1.3	27

#	ARTICLE	IF	CITATIONS
2453	Past freeze and thaw cycling in the margin of the El'gygytgyn crater deduced from a 141 m long permafrost record. <i>Climate of the Past</i> , 2014, 10, 1109-1123.	1.3	7
2454	Siple Dome shallow ice cores: a study in coastal dome microclimatology. <i>Climate of the Past</i> , 2014, 10, 1253-1267.	1.3	6
2455	Origen de las aguas de pequeños manantiales de la costa del norte de Chile, en las cercanías de Antofagasta.. <i>Andean Geology</i> , 2014, 41, .	0.2	9
2456	The patterns and implications of diurnal variations in the $\delta$ -excess of plant water, shallow soil water and air moisture. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 4129-4151.	1.9	31
2457	Influence of regional precipitation patterns on stable isotopes in ice cores from the central Himalayas. <i>Cryosphere</i> , 2014, 8, 289-301.	1.5	55
2458	$\delta^{18}\text{O}$ Records from Fossil Diatoms. , 2014, , .		0
2459	A posteriori calculation of $\delta^{18}\text{O}$ and $\delta^2\text{H}$ in atmospheric water vapour from ground-based near-infrared FTIR retrievals of $\delta^{16}\text{O}$ , $\delta^{18}\text{O}$ , and $\delta^2\text{H}$ . <i>Atmospheric Measurement Techniques</i> , 2014, 7, 2567-2580.	1.2	19
2460	Accumulation reconstruction and water isotope analysis for 1736-1997 of an ice core from the Ushkovsky volcano, Kamchatka, and their relationships to North Pacific climate records. <i>Climate of the Past</i> , 2014, 10, 393-404.	1.3	4
2461	What controls the isotopic composition of Greenland surface snow?. <i>Climate of the Past</i> , 2014, 10, 377-392.	1.3	121
2462	Cold-based debris-covered glaciers: Evaluating their potential as climate archives through studies of ground-penetrating radar and surface morphology. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 2505-2540.	1.0	31
2463	Stable H and O isotope variations reveal sources of recharge in Dhofar, Sultanate of Oman. <i>Isotopes in Environmental and Health Studies</i> , 2014, 50, 475-490.	0.5	16
2464	The Rate-Limiting Step of $\text{O}_2$ Activation in the $\delta$ -Ketoglutarate Oxygenase Factor Inhibiting Hypoxia Inducible Factor. <i>Biochemistry</i> , 2014, 53, 8077-8084.	1.2	15
2465	The paleoecology of early Pleistocene <i>Gigantopithecus blacki</i> inferred from isotopic analyses. <i>American Journal of Physical Anthropology</i> , 2014, 155, 571-578.	2.1	25
2466	New data on the tendency and causes of deuterium excess variations during one snowfall. <i>Doklady Earth Sciences</i> , 2014, 459, 1400-1402.	0.2	1
2467	Stable isotopic differences between summer and winter monsoon rains over southern India. <i>Journal of Atmospheric Chemistry</i> , 2014, 71, 321-331.	1.4	8
2468	Stable isotopes in tree rings: towards a mechanistic understanding of isotope fractionation and mixing processes from the leaves to the wood. <i>Tree Physiology</i> , 2014, 34, 796-818.	1.4	359
2469	Seasonal changes in the water use strategies of three co-occurring desert shrubs. <i>Hydrological Processes</i> , 2014, 28, 6265-6275.	1.1	74
2470	Coupled Hydrogen and Oxygen Isotope Analyses for the Mainstream of Poyanghu Lake (Jiangxi) Tj ETQq1 1 0.784314 rgBT /Qoverlock 10	0.3	0

#	ARTICLE	IF	CITATIONS
2471	Water Stable Isotopes: Atmospheric Composition and Applications in Polar Ice Core Studies. , 2014, , 213-256.		7
2472	Calibrated high-precision $\delta^{17}\text{O}$ -excess measurements using cavity ring-down spectroscopy with laser-current-tuned cavity resonance. Atmospheric Measurement Techniques, 2014, 7, 2421-2435.	1.2	97
2473	El Niño evolution during the Holocene revealed by a biomarker rain gauge in the Galápagos Islands. Earth and Planetary Science Letters, 2014, 404, 420-434.	1.8	84
2474	Separating ITCZ- and ENSO-related rainfall changes in the Galápagos over the last 3 kyr using D/H ratios of multiple lipid biomarkers. Earth and Planetary Science Letters, 2014, 404, 408-419.	1.8	35
2475	Water isotope diffusion rates from the NorthGRIP ice core for the last 16,000 years – Glaciological and paleoclimatic implications. Earth and Planetary Science Letters, 2014, 405, 132-141.	1.8	78
2476	Stable isotopic compositions of precipitation in China. Tellus, Series B: Chemical and Physical Meteorology, 2022, 66, 22567.	0.8	147
2477	“Celtic migrations” Fact or fiction? Strontium and oxygen isotope analysis of the $\text{Czech}$ cemeteries of $\text{Radošovice}$ and $\text{Kutná Hora}$ in $\text{Bohemia}$ . American Journal of Physical Anthropology, 2014, 155, 496-512.	2.1	30
2478	Stable Isotopes Analysis of Precipitation in Subtropical Plateau of Yunnan. Advanced Materials Research, 2014, 1010-1012, 1059-1063.	0.3	1
2479	Biblical Events and Environments – Authentication of Controversial Archaeological Artifacts. , 2014, , 255-270.		2
2480	Theoretical Derivation and Simulation of the Equation of Evaporation Line in Water Evaporation. Advanced Materials Research, 0, 955-959, 3151-3154.	0.3	0
2481	Chemical and Isotopic Characteristics of the Water and Suspended Particulate Materials in the Yangtze River and Their Geological and Environmental Implications. Acta Geologica Sinica, 2014, 88, 276-360.	0.8	39
2482	Modelling the response of stable water isotopes in Greenland precipitation to orbital configurations of the previous interglacial. Tellus, Series B: Chemical and Physical Meteorology, 2022, 66, 22872.	0.8	9
2483	Paleomobility in the Tiwanaku Diaspora: Biogeochemical analyses at $\text{Río Muerto}$ , $\text{Moquegua}$ , $\text{Peru}$ . American Journal of Physical Anthropology, 2014, 155, 405-421.	2.1	48
2484	The pronounced seasonality of global groundwater recharge. Water Resources Research, 2014, 50, 8845-8867.	1.7	246
2485	Approaches to Paleoclimate Reconstruction†. , 2014, , .		0
2486	Transformation of ENSO-related rainwater to dripwater $\delta^{18}\text{O}$ variability by vadose water mixing. Geophysical Research Letters, 2014, 41, 7907-7915.	1.5	49
2487	Analysis of recharge and groundwater flow in parts of a weathered aquifer system in Northern Ghana. Journal of Applied Water Engineering and Research, 2014, 2, 91-104.	1.0	15
2488	Hydrogeochemical contrasts between low and high arsenic groundwater and its implications for arsenic mobilization in shallow aquifers of the northern Yinchuan Basin, P.R. China. Journal of Hydrology, 2014, 518, 464-476.	2.3	61

#	ARTICLE	IF	CITATIONS
2489	Water consumption in Iron Age, Roman, and Early Medieval Croatia. <i>American Journal of Physical Anthropology</i> , 2014, 154, 535-543.	2.1	9
2490	Controls on isotopic gradients in rain. <i>Nature</i> , 2014, 516, 41-42.	13.7	0
2491	Environmental Isotopic Characterization of Groundwater and Surface Water in Northeast Missan Province, South Iraq. <i>Acta Geologica Sinica</i> , 2014, 88, 1227-1238.	0.8	16
2492	An Investigation of Cattle Birth Seasonality using $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ Profiles within First Molar Enamel. <i>Archaeometry</i> , 2014, 56, 208-236.	0.6	42
2493	Spatial, seasonal, and source variability in the stable oxygen and hydrogen isotopic composition of tap waters throughout the USA. <i>Hydrological Processes</i> , 2014, 28, 5382-5422.	1.1	71
2494	Characterising Runoff Generation Processes in a Lake-Rich Thermokarst Landscape (Old Crow Flats,) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Periglacial Processes</i> , 2014, 25, 53-59.	1.5	25
2495	Volcanic Degassing: Process and Impact. , 2014, , 111-179.		79
2496	A comparative study on stable isotopic composition in waters of the glacial and nonglacial rivers in <i>Mout Gôngga, China</i> . <i>Water and Environment Journal</i> , 2014, 28, 212-221.	1.0	8
2497	Recharge and Flow in the Medicine Lake Volcano-Fall River Springs Groundwater Basin, California. <i>Environmental Forensics</i> , 2014, 15, 66-77.	1.3	7
2498	Stable Isotopes in Forensics Applications. , 2014, , 285-317.		24
2499	Isotopic fingerprint of the middle Olt River basin, Romania. <i>Isotopes in Environmental and Health Studies</i> , 2014, 50, 461-474.	0.5	11
2500	Groundwater, possibly originated from subducted sediments, in Joban and Hamadori areas, southern Tohoku, Japan. <i>Earth, Planets and Space</i> , 2014, 66, 131.	0.9	12
2501	Deuterium excess in subtropical free troposphere water vapor: Continuous measurements from the Chajnantor Plateau, northern Chile. <i>Geophysical Research Letters</i> , 2014, 41, 8652-8659.	1.5	35
2502	The isotope altitude effect reflected in groundwater: a case study from Slovenia. <i>Isotopes in Environmental and Health Studies</i> , 2014, 50, 33-51.	0.5	23
2503	Patterns of local and nonlocal water resource use across the western U.S. determined via stable isotope intercomparisons. <i>Water Resources Research</i> , 2014, 50, 8034-8049.	1.7	43
2504	Main sources and processes affecting dissolved sulphates and nitrates in a small irrigated basin (Lerma Basin, Zaragoza, Spain): Isotopic characterization. <i>Agriculture, Ecosystems and Environment</i> , 2014, 195, 127-138.	2.5	18
2506	Influences of relative humidity and Indian monsoon precipitation on leaf water stable isotopes from the southeastern Tibetan Plateau. <i>Geophysical Research Letters</i> , 2014, 41, 7746-7753.	1.5	21
2507	Asian Monsoon Variability Recorded in Other Archives. <i>Developments in Paleoenvironmental Research</i> , 2014, , 145-337.	7.5	0



#	ARTICLE	IF	CITATIONS
2508	Can stable isotopes ride out the storms? The role of convection for water isotopes in models, records, and paleoaltimetry studies in the central Andes. <i>Earth and Planetary Science Letters</i> , 2014, 407, 187-195.	1.8	72
2509	Analysis of Water Movement through an Unsaturated Soil Zone in Jinan Southern Mountain Using Stable Oxygen and Hydrogen Isotopes. <i>Applied Mechanics and Materials</i> , 2014, 522-524, 958-962.	0.2	2
2510	The Stable Isotopic Composition of Atmospheric CO <sub>2</sub> . , 2014, , 179-212.		8
2511	An Oxygen Isotope Study of Seasonal Trends in Jinxiuchuan River of Jinan South Mountain. <i>Applied Mechanics and Materials</i> , 0, 522-524, 954-957.	0.2	1
2512	Isotope Analysis on the Recharge Source of the Leakage Water behind the Right Dam of Suzhi Hydroelectric Station. <i>Advanced Materials Research</i> , 0, 1015, 581-584.	0.3	3
2513	Accumulation Studies at a High Elevation Glacier Site in Central Karakoram. <i>Advances in Meteorology</i> , 2014, 2014, 1-12.	0.6	25
2514	Profile of a paleo-orogen: High topography across the present-day Basin and Range from 40 to 23 Ma. <i>Geology</i> , 2014, 42, 1007-1010.	2.0	79
2515	Oxygen Isotopes and Human Residential Mobility in Central Western Argentina. <i>International Journal of Osteoarchaeology</i> , 2014, 24, 31-41.	0.6	30
2516	Vegetation induced changes in the stable isotope composition of near surface humidity. <i>Ecohydrology</i> , 2014, 7, 936-949.	1.1	42
2517	Frontiers of stable isotope geoscience. <i>Chemical Geology</i> , 2014, 372, 119-143.	1.4	99
2518	Constraints on the salinity–oxygen isotope relationship in the central tropical Pacific Ocean. <i>Marine Chemistry</i> , 2014, 161, 26-33.	0.9	50
2519	Chemistry and isotopic composition of precipitation and surface waters in Khumbu valley (Nepal) Tj ETQq1 1 0.784314 rgBT /Overloc 1	3.9	25
2520	Geocryological characteristics of the upper permafrost in a tundra-forest transition of the Indigirka River Valley, Russia. <i>Polar Science</i> , 2014, 8, 96-113.	0.5	37
2521	Thermal waters in the Lower Yarmouk Gorge and their relation to surrounding aquifers. <i>Chemie Der Erde</i> , 2014, 74, 425-441.	0.8	28
2522	The effect of secondary treatment and eco-region on the environmental fate of fatty alcohol based surfactants. <i>Science of the Total Environment</i> , 2014, 470-471, 835-843.	3.9	4
2523	CO <sub>2</sub> –water–mineral reactions during CO <sub>2</sub> leakage: Geochemical and isotopic monitoring of a CO <sub>2</sub> injection field test. <i>Chemical Geology</i> , 2014, 368, 11-30.	1.4	39
2524	A deglacial and Holocene record of climate variability in south-central Alaska from stable oxygen isotopes and plant macrofossils in peat. <i>Quaternary Science Reviews</i> , 2014, 87, 1-11.	1.4	45
2525	Oxygen isotope ratios (18O/16O) of hemicellulose-derived sugar biomarkers in plants, soils and sediments as paleoclimate proxy II: Insight from a climate transect study. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 126, 624-634.	1.6	33

#	ARTICLE	IF	CITATIONS
2526	Geochemical and isotopic evolution of groundwater in the Wadi Watir watershed, Sinai Peninsula, Egypt. <i>Environmental Earth Sciences</i> , 2014, 71, 1855-1869.	1.3	21
2527	The role of pre-event canopy storage in throughfall and stemflow by using isotopic tracers. <i>Ecohydrology</i> , 2014, 7, 858-868.	1.1	67
2528	Geochemical modeling and isotope analysis of the shallow groundwater aquifer of Baghdad Area. <i>Arabian Journal of Geosciences</i> , 2014, 7, 1811-1827.	0.6	4
2529	Stable isotopes of water show deep seasonal recharge in northern bogs and fens. <i>Hydrological Processes</i> , 2014, 28, 4938-4952.	1.1	22
2530	Assessing tectonic and climatic causal mechanisms in foreland basin stratal architecture: insights from the Alborz Mountains, northern Iran. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 110-125.	1.2	21
2531	Circulation effect: response of precipitation $\delta^{18}O$ to the ENSO cycle in monsoon regions of China. <i>Climate Dynamics</i> , 2014, 42, 1067-1077.	1.7	271
2532	Spring-summer temperatures since AD 1780 reconstructed from stable oxygen isotope ratios in white spruce tree-rings from the Mackenzie Delta, northwestern Canada. <i>Climate Dynamics</i> , 2014, 42, 771-785.	1.7	51
2533	Geochemical characterization of groundwater from an arid region in India. <i>Environmental Earth Sciences</i> , 2014, 71, 4869-4888.	1.3	52
2534	Drivers of precipitation stable oxygen isotope variability in an alpine setting, Snowy Mountains, Australia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3016-3031.	1.2	22
2535	Impact of monsoons, temperature, and CO <sub>2</sub> on the rainfall and ecosystems of Mt. Kenya during the Common Era. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 17-25.	1.0	35
2536	Do stable isotopes in carbonate cement of Mio-Pleistocene Himalayan sediments record paleoecological and paleoclimatic changes?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 363-372.	1.0	7
2537	Large mammal ecology in the late Middle Miocene Gratkorn locality (Austria). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014, 94, 189-213.	0.6	25
2538	Paleotemperature variations at Lake Caohai, southwestern China, during the past 500 years: Evidence from combined $\delta^{18}O$ analysis of cellulose and carbonates. <i>Science China Earth Sciences</i> , 2014, 57, 1245-1253.	2.3	3
2539	Characterizing atmospheric circulation signals in Greenland ice cores: insights from a weather regime approach. <i>Climate Dynamics</i> , 2014, 43, 2585-2605.	1.7	29
2540	Water vapor $\delta^2D$ dynamics over China derived from SCIAMACHY satellite measurements. <i>Science China Earth Sciences</i> , 2014, 57, 813-823.	2.3	8
2541	Reliability and quality of water isotope data collected with a low-budget rain collector. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 879-885.	0.7	31
2542	The Carbon, Oxygen, and Clumped Isotopic Composition of Soil Carbonate in Archeology. , 2014, , 129-143.		7
2543	Reconstructing relative humidity from plant $\delta^{18}O$ and $\delta^2D$ as deuterium deviations from the global meteoric water line. <i>Ecological Applications</i> , 2014, 24, 960-975.	1.8	48

#	ARTICLE	IF	CITATIONS
2544	Improving provenance studies in migratory birds when using feather hydrogen stable isotopes. <i>Journal of Avian Biology</i> , 2014, 45, 103-108.	0.6	28
2545	Clustering mesoscale convective systems with laser-based water vapor $\delta^{18}\text{O}$ monitoring in Niamey (Niger). <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5079-5103.	1.2	44
2546	Stable oxygen isotope differences between the areas to the north and south of Qinling Mountains in China reveal different moisture sources. <i>International Journal of Climatology</i> , 2014, 34, 1760-1772.	1.5	42
2547	Isotopic composition of throughfall in pine plantation and native eucalyptus forest in South Australia. <i>Journal of Hydrology</i> , 2014, 514, 150-157.	2.3	24
2548	Stable isotope analysis of the karst hydrological systems in the Bay of Kvarner (Croatia). <i>Applied Radiation and Isotopes</i> , 2014, 90, 23-34.	0.7	14
2549	Occurrence of old groundwater in a volcanic island on a continental shelf; an example from Nakano-shima Island, Oki-Dozen, Japan. <i>Journal of Hydrology</i> , 2014, 511, 295-309.	2.3	9
2550	Climate controls on rainfall isotopes and their effects on cave drip water and speleothem growth: the case of Molinos cave (Teruel, NE Spain). <i>Climate Dynamics</i> , 2014, 43, 221-241.	1.7	44
2551	Oxygen isotope ratios ( $^{18}\text{O}/^{16}\text{O}$ ) of hemicellulose-derived sugar biomarkers in plants, soils and sediments as paleoclimate proxy I: Insight from a climate chamber experiment. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 126, 614-623.	1.6	43
2552	Insolation and glacial-interglacial control on southwestern African hydroclimate over the past 140,000 years. <i>Earth and Planetary Science Letters</i> , 2014, 398, 1-10.	1.8	51
2553	Upwind convective influences on the isotopic composition of atmospheric water vapor over the tropical Andes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7051-7063.	1.2	52
2554	Stable isotopic composition of precipitation in the River Bhagirathi Basin and identification of source vapour. <i>Environmental Earth Sciences</i> , 2014, 71, 4835-4847.	1.3	23
2555	Use of hydrochemistry and environmental isotopes for assessment of groundwater resources in the intermediate aquifer of the Sfax basin (Southern Tunisia). <i>Carbonates and Evaporites</i> , 2014, 29, 177-192.	0.4	10
2556	Responses of carbon and oxygen stable isotopes in rice grain ( <i>Oryza sativa</i> L.) to an increase in air temperature during grain filling in the Japanese archipelago. <i>Ecological Research</i> , 2014, 29, 45-53.	0.7	16
2557	An investigation of moisture sources and secondary evaporation in Lanzhou, Northwest China. <i>Environmental Earth Sciences</i> , 2014, 71, 3375-3385.	1.3	32
2558	Surface water geochemical and isotopic variations in an area of accelerating Marcellus Shale gas development. <i>Environmental Pollution</i> , 2014, 195, 91-100.	3.7	12
2559	Characterizing Pineapple Express storms in the Lower Mainland of British Columbia, Canada. <i>Canadian Water Resources Journal</i> , 2014, 39, 302-323.	0.5	21
2560	Isotope compositions (C, O, Sr, Nd) of vertebrate fossils from the Middle Eocene oil shale of Messel, Germany: Implications for their taphonomy and palaeoenvironment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 416, 92-109.	1.0	22
2561	Variations in stable hydrogen and oxygen isotopes in atmospheric water vapor in the marine boundary layer across a wide latitude range. <i>Journal of Environmental Sciences</i> , 2014, 26, 2266-2276.	3.2	17

#	ARTICLE	IF	CITATIONS
2562	Stable isotopic evidence for Middle Pleistocene environmental change from a loess-paleosol sequence: Karlich, Germany. <i>Boreas</i> , 2014, 43, 818-833.	1.2	13
2563	A new method of snowmelt sampling for water stable isotopes. <i>Hydrological Processes</i> , 2014, 28, 5637-5644.	1.1	28
2564	Estimation of atmospheric paleo-circulation based on isotope composition of ice wedges. <i>Doklady Earth Sciences</i> , 2014, 457, 1025-1027.	0.2	2
2565	Water replacement in the Cape Town City Bowl. <i>International Journal of Environmental Studies</i> , 2014, 71, 167-172.	0.7	2
2566	Alternative least squares methods for determining the meteoric water line, demonstrated using GNIP data. <i>Journal of Hydrology</i> , 2014, 519, 2331-2340.	2.3	102
2567	A 60,000-year record of hydrologic variability in the Central Andes from the hydrogen isotopic composition of leaf waxes in Lake Titicaca sediments. <i>Earth and Planetary Science Letters</i> , 2014, 408, 263-271.	1.8	35
2568	Diet and Habitat of Siwalik Primates <i>Indopithecus</i> , <i>Sivaladapis</i> and <i>Theropithecus</i> . <i>Annales Zoologici Fennici</i> , 2014, 51, 123-142.	0.2	26
2569	High latitude hydrological changes during the Eocene Thermal Maximum 2. <i>Earth and Planetary Science Letters</i> , 2014, 404, 167-177.	1.8	28
2570	Climatic significance of n-alkanes and their compound-specific $\delta^{13}C$ values from lake surface sediments on the Southwestern Tibetan Plateau. <i>Science Bulletin</i> , 2014, 59, 3022-3033.	1.7	17
2571	$^{40}Ar/^{39}Ar$ ages and stable isotopes of supergene jarosite from the Baiyin VHMS ore field, NE Tibetan Plateau with paleoclimatic implications. <i>Science Bulletin</i> , 2014, 59, 2999-3009.	1.7	6
2572	Assessment of the difference between mid- and long chain compound specific $\delta^{13}C$ -alkanes values in lacustrine sediments as a paleoclimatic indicator. <i>Organic Geochemistry</i> , 2014, 76, 104-117.	0.9	45
2573	Hydrogeochemical interpretation of water seepage through a geological barrier at a reservoir boundary. <i>Hydrological Processes</i> , 2014, 28, 5065-5080.	1.1	4
2574	A continuous stable isotope record from the penultimate glacial maximum to the Last Interglacial (159-121 ka) from Tana Che Urla Cave (Apuan Alps, central Italy). <i>Quaternary Research</i> , 2014, 82, 450-461.	1.0	66
2575	Deep Fluids in Sedimentary Basins. , 2014, , 471-515.		40
2576	Environmental change and seasonal behavior of mastodons in the Great Lakes region inferred from stable isotope analysis. <i>Quaternary Research</i> , 2014, 82, 366-377.	1.0	19
2577	Estimating water balance components of tropical wetland lakes in the Pantanal dry season, Brazil. <i>Hydrological Sciences Journal</i> , 2014, 59, 2158-2172.	1.2	5
2578	Effects of Pleistocene climates on local environments and dietary behavior of mammals in Florida. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 370-381.	1.0	19
2579	Groundwater Contamination Studies by Environmental Isotopes: A review. <i>Handbook of Environmental Chemistry</i> , 2014, , 115-150.	0.2	11

#	ARTICLE	IF	CITATIONS
2580	A cluster of stratospheric volcanic eruptions in the AD 530s recorded in Siberian tree rings. <i>Global and Planetary Change</i> , 2014, 122, 140-150.	1.6	18
2581	Tree-ring $\delta^{18}O$ evidence for the drought history of eastern Tianshan Mountains, northwest China since 1700 AD. <i>International Journal of Climatology</i> , 2014, 34, 3336-3347.	1.5	31
2582	Isotopic features of Emilia-Romagna region (North Italy) groundwaters: Environmental and climatological implications. <i>Journal of Hydrology</i> , 2014, 519, 1928-1938.	2.3	35
2583	Pliocene orographic barrier uplift in the southern Central Andes. <i>Geology</i> , 2014, 42, 691-694.	2.0	46
2584	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
2585	Stable Isotopes in the Sedimentary Record. , 2014, , 437-481.		4
2586	Geospatial Information and Environmental Isotopes for Hydrogeological Evaluation: Ras Alam El Rum, Northwestern Coast of Egypt. <i>Natural Resources Research</i> , 2014, 23, 423-445.	2.2	6
2587	D/H ratios of methoxyl groups of the sedimentary organic matter of Lake Holzmaar (Eifel, Germany): A potential palaeoclimate/hydrology proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 142, 39-52.	1.6	12
2588	Long-distance exchange in the precolonial Circum-Caribbean: A multi-isotope study of animal tooth pendants from Puerto Rico. <i>Journal of Anthropological Archaeology</i> , 2014, 35, 220-233.	0.7	47
2589	Isotopomer analysis of nitrous oxide accumulated in soil cultivated with tea ( <i>Camellia sinensis</i> ) in Shizuoka, central Japan. <i>Soil Biology and Biochemistry</i> , 2014, 77, 276-291.	4.2	65
2590	Pleistocene paleo-groundwater as a pristine fresh water resource in southern Germany – evidence from stable and radiogenic isotopes. <i>Science of the Total Environment</i> , 2014, 496, 107-115.	3.9	41
2591	Climate and CO <sub>2</sub> effects on the vegetation of southern tropical Africa over the last 37,000 years. <i>Earth and Planetary Science Letters</i> , 2014, 403, 407-417.	1.8	17
2592	Increasing complexity and the political economy model; a consideration of Iron Age moated sites in Thailand. <i>Journal of Anthropological Archaeology</i> , 2014, 35, 297-309.	0.7	24
2593	Quantification and propagation of errors when converting vertebrate biomineral oxygen isotope data to temperature for palaeoclimate reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 412, 99-107.	1.0	39
2594	Geochemical controls on fluoride concentrations in groundwater from alluvial aquifers of the Birbhum district, West Bengal, India. <i>Journal of Geochemical Exploration</i> , 2014, 145, 190-206.	1.5	82
2595	Stable isotope records of hydrologic change and paleotemperature from smectite in Cenozoic western North America. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 141, 532-546.	1.6	36
2596	Summer air temperature, reconstructions from the last glacial stage based on rodents from the site Taillis-des-Coteaux (Vienne), Western France. <i>Quaternary Research</i> , 2014, 82, 420-429.	1.0	13
2597	Holocene cyclic climatic variations and the role of the Pacific Ocean as recorded in varved sediments from northeastern China. <i>Quaternary Science Reviews</i> , 2014, 102, 85-95.	1.4	81

#	ARTICLE	IF	CITATIONS
2598	Greenland deglaciation puzzles. <i>Science</i> , 2014, 345, 1116-1117.	6.0	0
2599	Taxonomic overview and tusk growth analyses of Ziegler Reservoir proboscideans. <i>Quaternary Research</i> , 2014, 82, 518-532.	1.0	23
2600	Quantifying the isotopic "continental effect". <i>Earth and Planetary Science Letters</i> , 2014, 406, 123-133.	1.8	106
2601	Evolution of the Indian Summer Monsoon and terrestrial vegetation in the Bengal region during the past 18ka. <i>Quaternary Science Reviews</i> , 2014, 102, 133-148.	1.4	114
2602	The diel cycle of water vapor in west Greenland. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 9386-9399.	1.2	27
2603	Late glacial and Holocene environmental changes inferred from sediments in Lake Myklevatnet, Nordfjord, western Norway. <i>Vegetation History and Archaeobotany</i> , 2014, 23, 229-248.	1.0	9
2604	A 17-Year Record of Environmental Tracers in Spring Discharge, Shenandoah National Park, Virginia, USA: Use of Climatic Data and Environmental Conditions to Interpret Discharge, Dissolved Solutes, and Tracer Concentrations. <i>Aquatic Geochemistry</i> , 2014, 20, 267-290.	1.5	10
2605	A 16-ka $\delta^{18}O$ record of lacustrine sugar biomarkers from the High Himalaya reflects Indian Summer Monsoon variability. <i>Journal of Paleolimnology</i> , 2014, 51, 241-251.	0.8	23
2606	Oxygen isotope variability in calcite shells of the ostracod <i>Cyprideis torosa</i> in Akyatan Lagoon, Turkey. <i>Journal of Paleolimnology</i> , 2014, 52, 43-59.	0.8	9
2607	Quantification of the impact of moisture source regions on the oxygen isotope composition of precipitation over Eagle Cave, central Spain. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 134, 39-54.	1.6	47
2608	Delayed hydrological response to Greenland cooling at the onset of the Younger Dryas in western Europe. <i>Nature Geoscience</i> , 2014, 7, 109-112.	5.4	159
2609	Observation system simulation experiments using water vapor isotope information. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7842-7862.	1.2	29
2610	Contribution of transpiration to the atmospheric moisture in eastern Siberia estimated with isotopic composition of water vapour. <i>Ecohydrology</i> , 2014, 7, 197-208.	1.1	13
2611	The Stable Isotopic Composition of Atmospheric O <sub>2</sub> . , 2014, , 363-383.		6
2612	Seasonal variability of oxygen and hydrogen stable isotopes in precipitation and cave drip water at Guilin, southwest China. <i>Environmental Earth Sciences</i> , 2014, 72, 3183-3191.	1.3	26
2613	Hydrochemical and isotopic characteristics of groundwater in the Ndop plain, northwest Cameroon: resilience to seasonal climatic changes. <i>Environmental Earth Sciences</i> , 2014, 72, 3585-3598.	1.3	6
2614	Environmental Isotope Applications in Hydrologic Studies. , 2014, , 273-327.		17
2615	Stable isotopic composition of raw and treated water. <i>Water Management</i> , 2014, 167, 414-429.	0.4	2

#	ARTICLE	IF	CITATIONS
2616	Carbon and oxygen stable isotope compositions of late Pleistocene mammal teeth from dolines of Ajoie (Northwestern Switzerland). <i>Quaternary Research</i> , 2014, 82, 378-387.	1.0	11
2617	Devils Hole paleotemperatures and implications for oxygen isotope equilibrium fractionation. <i>Earth and Planetary Science Letters</i> , 2014, 400, 251-260.	1.8	45
2618	Stable isotope patterns found in early Eocene equid tooth rows of North America: Implications for reproductive behavior and paleoclimate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 310-319.	1.0	11
2619	The importance of independent chronology in integrating records of past climate change for the 60-ka INTIMATE time interval. <i>Quaternary Science Reviews</i> , 2014, 106, 47-66.	1.4	64
2620	Relative humidity history on the Batang-Litang Plateau of western China since 1755 reconstructed from tree-ring $\delta^{18}O$ and $\delta^2H$ . <i>Climate Dynamics</i> , 2014, 42, 2639-2654.	1.7	56
2621	Isotopic composition of river water across a continent. <i>Applied Radiation and Isotopes</i> , 2014, 85, 14-18.	0.7	2
2622	Seasonal aggregation and ritual slaughter: Isotopic and dental microwear evidence for cattle herder mobility in the Arabian Neolithic. <i>Journal of Anthropological Archaeology</i> , 2014, 33, 119-131.	0.7	43
2623	Stable isotope (C, O, S) compositions of volatile-rich minerals in kimberlites: A review. <i>Chemical Geology</i> , 2014, 374-375, 61-83.	1.4	81
2624	A stalagmite record of abrupt climate change and possible Westerlies-derived atmospheric precipitation during the Penultimate Glacial Maximum in northern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 393, 30-44.	1.0	27
2625	Characteristics of suspended sediment and river discharge during the beginning of snowmelt in volcanically active mountainous environments. <i>Geomorphology</i> , 2014, 213, 266-276.	1.1	22
2626	Leaf wax stable isotopes from Northern Tibetan Plateau: Implications for uplift and climate since 15 Ma. <i>Earth and Planetary Science Letters</i> , 2014, 390, 186-198.	1.8	100
2627	Comparison of soil derived tetraether membrane lipid distributions and plant-wax $\delta^2H$ compositions for reconstruction of Canadian Arctic temperatures. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 404, 78-88.	1.0	13
2628	Spatial variability in stable isotope values of surface waters of Eastern Canada and New England. <i>Journal of Hydrology</i> , 2014, 511, 594-604.	2.3	32
2629	Fluctuation in leaf wax D/H ratio from a southern California lake records significant variability in isotopes in precipitation during the late Holocene. <i>Organic Geochemistry</i> , 2014, 66, 48-59.	0.9	47
2630	Rainfall and cave water isotopic relationships in two South-France sites. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 131, 323-343.	1.6	85
2631	A new stable isotope record of Neogene paleoenvironments and mammalian paleoecologies in the western Great Plains during the expansion of C4 grasslands. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 160-172.	1.0	25
2632	High elevation of the Nevada-plano during the Late Cretaceous. <i>Earth and Planetary Science Letters</i> , 2014, 386, 52-63.	1.8	64
2633	Magnitude and temporal evolution of Dansgaard-Oeschger event 8 abrupt temperature change inferred from nitrogen and argon isotopes in GISP2 ice using a new least-squares inversion. <i>Earth and Planetary Science Letters</i> , 2014, 395, 81-90.	1.8	17

#	ARTICLE	IF	CITATIONS
2634	Stable isotope mass balance of the Laurentian Great Lakes. <i>Journal of Great Lakes Research</i> , 2014, 40, 336-346.	0.8	65
2635	An organic record of terrestrial ecosystem collapse and recovery at the Triassic–Jurassic boundary in East Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 127, 251-263.	1.6	38
2636	Spatial analysis of hydrogen and oxygen stable isotopes (δ <sup>2</sup> H and δ <sup>18</sup> O) in ground water and tap water across South Africa. <i>Journal of Geochemical Exploration</i> , 2014, 145, 213-222.	1.5	111
2637	Hydroclimate of the western Indo-Pacific Warm Pool during the past 24,000 years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9402-9406.	3.3	55
2638	Watershed Glacier Coverage Influences Dissolved Organic Matter Biogeochemistry in Coastal Watersheds of Southeast Alaska. <i>Ecosystems</i> , 2014, 17, 1014-1025.	1.6	27
2639	Oxygen isotope composition of vertebrate phosphates from Cherves-de-Cognac (Berriasian, France): Environmental and ecological significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 410, 290-299.	1.0	25
2640	Characterization of the Gacka River basin karst aquifer (Croatia): Hydrochemistry, stable isotopes and tritium-based mean residence times. <i>Science of the Total Environment</i> , 2014, 487, 245-254.	3.9	22
2641	Analysis of long-term stable isotopic composition in German precipitation. <i>Journal of Hydrology</i> , 2014, 517, 351-361.	2.3	116
2642	Groundwater-recharge connectivity between a hills-and-plains area of western Taiwan using water isotopes and electrical conductivity. <i>Journal of Hydrology</i> , 2014, 517, 226-235.	2.3	27
2643	Climate induced sub-basin source-area shifts of Zambezi River sediments over the past 17ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 410, 190-199.	1.0	25
2644	Monthly δ <sup>18</sup> O, δ <sup>2</sup> H and Cl <sup>-</sup> characteristics of precipitation in the Ndop plain, Northwest Cameroon: Baseline data. <i>Quaternary International</i> , 2014, 338, 35-41.	0.7	12
2645	High-resolution stable water isotopes as tracers of thaw unconformities in permafrost: A case study from western Arctic Canada. <i>Chemical Geology</i> , 2014, 368, 85-96.	1.4	29
2646	The groundwater recharge regime of some slightly metamorphosed neoproterozoic sedimentary rocks: an application of natural environmental tracers. <i>Hydrological Processes</i> , 2014, 28, 3104-3117.	1.1	19
2647	The role of water use and uptake on two Mediterranean shrubs' interaction in a brackish coastal dune ecosystem. <i>Ecohydrology</i> , 2014, 7, 783-793.	1.1	6
2648	Determination of the Geographic Origin of Eel Products by Stable Isotope Ratio Analysis. <i>Journal of the Japanese Society for Food Science and Technology</i> , 2014, 61, 54-61.	0.1	1
2649	Uplift of the Central Andes of NW Argentina associated with upper crustal shortening, revealed by multiproxy isotopic analyses. <i>Tectonics</i> , 2014, 33, 1039-1054.	1.3	43
2650	Model evaluation of the coherence of a common source water oxygen isotopic signal recorded by tree-ring cellulose and speleothem calcite. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 905-922.	1.0	5
2651	Triple water isotope record from WAIS Divide, Antarctica: Controls on glacial–interglacial changes in δ <sup>17</sup> O <sub>excess</sub> of precipitation. <i>Journal of Geophysical Research: Atmospheres</i> , 2014, 119, 8741-8763.	1.2	62



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2652	Understanding uncertainties when inferring mean transit times of water trough tracer-based lumped-parameter models in Andean tropical montane cloud forest catchments. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 1503-1523.	1.9	51
2653	Freshwater lenses as archive of climate, groundwater recharge, and hydrochemical evolution: Insights from depth-specific water isotope analysis and age determination on the island of <sc>L</sc>angeoog, <sc>G</sc>ermany. <i>Water Resources Research</i> , 2014, 50, 8227-8239.	1.7	54
2654	Leaf wax biomarkers in transit record river catchment composition. <i>Geophysical Research Letters</i> , 2014, 41, 6420-6427.	1.5	66
2655	Stable isotopes of surface water across the <sc>L</sc>ongmenshan margin of the eastern <sc>T</sc>ibetan <sc>P</sc>lateau. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3416-3429.	1.0	38
2656	Variations of oxygen-18 in West Siberian precipitation during the last 50 years. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 5853-5869.	1.9	36
2657	To what extent could water isotopic measurements help us understand model biases in the water cycle over Western Siberia. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9807-9830.	1.9	9
2658	Characteristics of hydrogen and oxygen stable isotope ratios in precipitation collected in a snowfall region, Aomori Prefecture, Japan. <i>Geochemical Journal</i> , 2014, 48, 9-18.	0.5	16
2659	Developing a western Siberia reference site for tropospheric water vapour isotopologue observations obtained by different techniques (in situ and remote sensing). <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 5943-5957.	1.9	15
2660	Climatic controls on water vapor deuterium excess in the marine boundary layer of the North Atlantic based on 500 days of in situ, continuous measurements. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 7741-7756.	1.9	100
2661	Oxygen isotopes as a valuable tool for measuring annual growth in tropical trees that lack distinct annual rings. <i>Geochemical Journal</i> , 2014, 48, 371-378.	0.5	16
2662	Hydrogen and oxygen isotopic characteristics of precipitation in coastal areas of Japan determined by observations for 23 years at Akita and for 1-2 years at other several localities. <i>Geochemical Journal</i> , 2014, 48, 397-408.	0.5	14
2663	Deuterium excess as a proxy for continental moisture recycling and plant transpiration. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4029-4054.	1.9	138
2664	From precipitation to runoff: stable isotopic fractionation effect of glacier melting on a catchment scale. <i>Hydrological Processes</i> , 2014, 28, 3341-3349.	1.1	29
2665	Late Cretaceous-early Eocene Laramide uplift, exhumation, and basin subsidence in Wyoming: Crustal responses to flat slab subduction. <i>Tectonics</i> , 2014, 33, 509-529.	1.3	105
2666	Hydrometric transit times along transects on a steep hillslope. <i>Water Resources Research</i> , 2014, 50, 7267-7284.	1.7	9
2667	Waste Gas Treatment for Resource Recovery. <i>Water Intelligence Online</i> , 0, 13, .	0.3	0
2668	Temporal and spatial variation of water stable isotopes ( <sup>18</sup> O and <sup>2</sup> H) in the Kaidu River basin, Northwestern China. <i>Hydrological Processes</i> , 2014, 28, 653-661.	1.1	20
2669	Recent climate tendencies on an East Antarctic ice shelf inferred from a shallow firn core network. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6549-6562.	1.2	13

#	ARTICLE	IF	CITATIONS
2670	A moisture budget perspective of the amount effect. <i>Geophysical Research Letters</i> , 2014, 41, 1329-1335.	1.5	93
2671	The Late Roman Field Army in Northern Britain? Mobility, Material Culture and Multi-Isotope Analysis at Scorton (N Yorks.). <i>Britannia</i> , 2015, 46, 191-223.	0.1	12
2672	Oxygen isotopes in tree rings show good coherence between species and sites in Bolivia. <i>Global and Planetary Change</i> , 2015, 133, 298-308.	1.6	52
2673	Reconstruction of precipitation $\delta^{18}\text{O}$ over the Tibetan Plateau since 1910. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4878-4888.	1.2	16
2674	Karst estuaries are governed by interactions between inland hydrological conditions and sea level. <i>Journal of Hydrology</i> , 2015, 527, 718-733.	2.3	21
2675	On the use of stable oxygen isotope ( $\delta^{18}\text{O}$ ) measurements for tracking avian movements in North America. <i>Ecology and Evolution</i> , 2015, 5, 799-806.	0.8	52
2676	Isotope meteorology of cold front passages: A case study combining observations and modeling. <i>Geophysical Research Letters</i> , 2015, 42, 5652-5660.	1.5	70
2677	Spatial variation of amount effect over peninsular India and Sri Lanka: Role of seasonality. <i>Geophysical Research Letters</i> , 2015, 42, 5500-5507.	1.5	38
2678	Triple oxygen isotope signatures in evaporated water bodies from the Sistan Oasis, Iran. <i>Geophysical Research Letters</i> , 2015, 42, 8456-8462.	1.5	47
2679	Spatiotemporal variability of modern precipitation $\delta^{18}\text{O}$ in the central Andes and implications for paleoclimate and paleoaltimetry estimates. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4630-4656.	1.2	56
2680	Linking water age and solute dynamics in streamflow at the Hubbard Brook experimental forest, NH, USA. <i>Water Resources Research</i> , 2015, 51, 9256-9272.	1.7	83
2681	SURFACE WATER AND GROUNDWATER INTERACTION IN THE UPPER CROCODILE RIVER BASIN, JOHANNESBURG, SOUTH AFRICA: ENVIRONMENTAL ISOTOPE APPROACH. <i>South African Journal of Geology</i> , 2015, 118, 109-118.	0.6	23
2682	Synoptic scale controls on the $\delta^{18}\text{O}$ in precipitation across Beringia. <i>Geophysical Research Letters</i> , 2015, 42, 4608-4616.	1.5	32
2683	Categorisation of northern California rainfall for periods with and without a radar brightband using stable isotopes and a novel automated precipitation collector. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 28574.	0.8	26
2684	Groundwater recharge and age-depth profiles of intensively exploited groundwater resources in northwest India. <i>Geophysical Research Letters</i> , 2015, 42, 7554-7562.	1.5	79
2686	Rainwater, soil water, and soil nitrate effects on oxygen isotope ratios of nitrous oxide produced in a green tea ( <i>Camellia sinensis</i> ) field in Japan. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 891-900.	0.7	3
2687	Isotopic changes due to convective moistening of the lower troposphere associated with variations in the ENSO and IOD from 2005 to 2006. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 26177.	0.8	12
2688	PRYSM: An open-source framework for PRoxY System Modeling, with applications to oxygen isotope systems. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1220-1247.	1.3	120

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2689	Characterisation of dissolved organic matter in the Lower Kinabatangan River, Sabah, Malaysia. <i>Hydrology Research</i> , 2015, 46, 411-428.	1.1	7
2690	Can oxygen stable isotopes be used to track precipitation moisture source in vascular plant-dominated peatlands?. <i>Earth and Planetary Science Letters</i> , 2015, 430, 149-159.	1.8	20
2691	Delineation of the recharge areas and distinguishing the sources of karst springs in Bringi watershed, Kashmir Himalayas using hydrochemistry and environmental isotopes. <i>Journal of Earth System Science</i> , 2015, 124, 1667-1676.	0.6	20
2692	Established methods and new opportunities for pore water stable isotope analysis. <i>Hydrological Processes</i> , 2015, 29, 5174-5192.	1.1	103
2693	Tracer advances in catchment hydrology. <i>Hydrological Processes</i> , 2015, 29, 5135-5138.	1.1	28
2694	D/H isotope ratios in the global hydrologic cycle. <i>Geophysical Research Letters</i> , 2015, 42, 5042-5050.	1.5	56
2695	Using isotopic evidence to assess the impact of migration and the two-layer hypothesis in prehistoric Northeast Thailand. <i>American Journal of Physical Anthropology</i> , 2015, 158, 141-150.	2.1	15
2696	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
2697	Atmospheric processes governing the changes in water isotopologues during ENSO events from model and satellite measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 6712-6729.	1.2	15
2698	Precipitation efficiency derived from isotope ratios in water vapor distinguishes dynamical and microphysical influences on subtropical atmospheric constituents. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9119-9137.	1.2	24
2699	Simulation of the isotopic composition of stratospheric water vapour – Part 1: Description and evaluation of the EMAC model. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5537-5555.	1.9	13
2700	On the enigmatic similarity in Greenland $\delta^{18}O$ between the Oldest and Younger Dryas. <i>Geophysical Research Letters</i> , 2015, 42, 10,470.	1.5	14
2701	How reliable are modeled precipitation isoscapes over a high-relief mountainous region?. <i>Hydrological Research Letters</i> , 2015, 9, 118-124.	0.3	24
2702	Deuterium excess in the atmospheric water vapour of a Mediterranean coastal wetland: regional vs. local signatures. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10167-10181.	1.9	34
2703	Simultaneous monitoring of stable oxygen isotope composition in water vapour and precipitation over the central Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10251-10262.	1.9	46
2704	Interannual variability of isotopic composition in water vapor over western Africa and its relationship to ENSO. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3193-3204.	1.9	22
2705	A mechanistic analysis of early Eocene latitudinal gradients of isotopes in precipitation. <i>Geophysical Research Letters</i> , 2015, 42, 8216-8224.	1.5	13
2706	Moisture sources and synoptic to seasonal variability of North Atlantic water vapor isotopic composition. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 5757-5774.	1.2	67

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2707	Use of stable water isotopes to identify hydrological processes of meteoric water in montane catchments. <i>Hydrological Processes</i> , 2015, 29, 4957-4967.	1.1	21
2708	Recurrent spring-fed rivers in a Middle to Late Pleistocene semi-arid grassland: Implications for environments of early humans in the Lake Victoria Basin, Kenya. <i>Sedimentology</i> , 2015, 62, 1611-1635.	1.6	26
2709	Stable water isotopes suggest sub-canopy water recycling in a northern forested catchment. <i>Hydrological Processes</i> , 2015, 29, 5193-5202.	1.1	19
2710	Modeling oxygen isotopes in the Pliocene: Large-scale features over the land and ocean. <i>Paleoceanography</i> , 2015, 30, 1183-1201.	3.0	18
2711	Hydrogen isotope response to changing salinity and rainfall in Australian mangroves. <i>Plant, Cell and Environment</i> , 2015, 38, 2674-2687.	2.8	19
2712	Changes in East Asian summer monsoon precipitation during the Holocene deduced from a freshwater flux reconstruction of the Changjiang (Yangtze River) based on the oxygen isotope mass balance in the northern East China Sea. <i>Climate of the Past</i> , 2015, 11, 265-281.	1.3	41
2713	8. Bibliography. , 2015, , 295-326.		0
2714	Reconstruction of MIS 5 climate in the central Levant using a stalagmite from Kanaan Cave, Lebanon. <i>Climate of the Past</i> , 2015, 11, 1785-1799.	1.3	30
2715	Early warnings and missed alarms for abrupt monsoon transitions. <i>Climate of the Past</i> , 2015, 11, 1621-1633.	1.3	14
2716	Mimicking the Rayleigh Isotope Effect in the Ocean. <i>Oceanography</i> , 2015, 28, 96-101.	0.5	0
2717	New Approach for the Analysis of Isotopic Composition in Precipitation Globally. <i>Hydrology Current Research</i> , 2015, 07, .	0.4	1
2718	Effects of changes in moisture source and the upstream rainout on stable isotopes in precipitation – a case study in Nanjing, eastern China. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4293-4306.	1.9	60
2719	Late-glacial to late-Holocene shifts in global precipitation $\delta^{18}\text{O}$ . <i>Climate of the Past</i> , 2015, 11, 1375-1393.	1.3	57
2720	Coupling $\delta^2\text{H}$ and $\delta^{18}\text{O}$ biomarker results yields information on relative humidity and isotopic composition of precipitation – a climate transect validation study. <i>Biogeosciences</i> , 2015, 12, 3913-3924.	1.3	34
2721	High-resolution leaf wax carbon and hydrogen isotopic record of the late Holocene paleoclimate in arid Central Asia. <i>Climate of the Past</i> , 2015, 11, 619-633.	1.3	98
2722	High-resolution continuous-flow analysis setup for water isotopic measurement from ice cores using laser spectroscopy. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2869-2883.	1.2	25
2723	Oxygen and Hydrogen Stable Isotope Ratios of Bulk Needles Reveal the Geographic Origin of Norway Spruce in the European Alps. <i>PLoS ONE</i> , 2015, 10, e0118941.	1.1	14
2724	Hydrogen and Oxygen Stable Isotope Fractionation in Body Fluid Compartments of Dairy Cattle According to Season, Farm, Breed, and Reproductive Stage. <i>PLoS ONE</i> , 2015, 10, e0127391.	1.1	25

#	ARTICLE	IF	CITATIONS
2725	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
2726	Hydrograph Separation in the Headwaters of the Shule River Basin: Combining Water Chemistry and Stable Isotopes. <i>Advances in Meteorology</i> , 2015, 2015, 1-10.	0.6	23
2727	Stable Water Isotopes in Climatology, Meteorology, and Hydrology: A Review. <i>Journal of the Meteorological Society of Japan</i> , 2015, 93, 513-533.	0.7	57
2728	Controlling Factors of the Stable Isotope Composition in the Precipitation of Islamabad, Pakistan. <i>Advances in Meteorology</i> , 2015, 2015, 1-11.	0.6	17
2729	Vulnerability of groundwater resources to interaction with river water in a boreal catchment. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 3015-3032.	1.9	11
2730	Stable isotope paleoclimatology of the earliest Eocene using kimberlite-hosted mummified wood from the Canadian Subarctic. <i>Biogeosciences</i> , 2015, 12, 5899-5914.	1.3	6
2731	The stability and calibration of water vapor isotope ratio measurements during long-term deployments. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 4521-4538.	1.2	46
2732	Estimation and calibration of the water isotope differential diffusion length in ice core records. <i>Cryosphere</i> , 2015, 9, 1601-1616.	1.5	14
2733	Pedology in Arid Lands Archaeological Research: An Example from Southern New Mexico-Western Texas. <i>SSSA Special Publication Series</i> , 2015, , 35-50.	0.2	0
2734	Sources and export of particle-borne organic matter during a monsoon flood in a catchment of northern Laos. <i>Biogeosciences</i> , 2015, 12, 1073-1089.	1.3	14
2735	Spatial distribution of oxygen-18 and deuterium in stream waters across the Japanese archipelago. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 1577-1588.	1.9	43
2736	High Frequency Trends in the Isotopic Composition of Superstorm Sandy. , 2015, , 41-55.		1
2737	$^{18}\text{O}$ depletion in monsoon rain relates to large scale organized convection rather than the amount of rainfall. <i>Scientific Reports</i> , 2014, 4, 5661.	1.6	102
2738	Evaporative enrichment of stable isotopes ( $^{18}\text{O}$ and $^2\text{D}$ ) in lake water and the relation to lake-level change of Lake Qinghai, Northeast Tibetan Plateau of China. <i>Journal of Arid Land</i> , 2015, 7, 623-635.	0.9	32
2739	Impact of Bolivian paleolake evaporation on the $^{18}\text{O}$ of the Andean glaciers during the last deglaciation (18.5â€“11.7ka): diatom-inferred $^{18}\text{O}$ values and hydro-isotopic modeling. <i>Quaternary Science Reviews</i> , 2015, 120, 93-106.	1.4	12
2740	Bipolar seesaw control on last interglacial sea level. <i>Nature</i> , 2015, 522, 197-201.	13.7	131
2741	Hydrochemical processes in a shallow coal seam gas aquifer and its overlying streamâ€“alluvial system: implications for recharge and inter-aquifer connectivity. <i>Applied Geochemistry</i> , 2015, 61, 146-159.	1.4	14
2742	Aquatic vegetation mediates the relationship between hydrologic connectivity and water quality in a managed floodplain. <i>Hydrobiologia</i> , 2015, 760, 29-41.	1.0	17

#	ARTICLE	IF	CITATIONS
2743	A multi-tracer approach for assessing the origin, apparent age and recharge mechanism of shallow groundwater in the Lake Nyos catchment, Northwest, Cameroon. <i>Journal of Hydrology</i> , 2015, 523, 790-803.	2.3	39
2744	Sedimentology and stable isotopes from a lacustrine-to-palustrine limestone deposited in an arid setting, climatic and tectonic factors: Miocene–Pliocene Opache Formation, Atacama Desert, Chile. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 426, 46-67.	1.0	24
2745	Continental scale variation in $\delta^{18}O$ -excess of meteoric waters in the United States. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 110-126.	1.6	88
2746	Stable isotopes reveal sources of precipitation in the Qinghai Lake Basin of the northeastern Tibetan Plateau. <i>Science of the Total Environment</i> , 2015, 527-528, 26-37.	3.9	95
2747	A multiproxy approach for the reconstruction of ancient continental environments. The case of the Mio–Pliocene deposits of the Granada Basin (southern Iberian Peninsula). <i>Global and Planetary Change</i> , 2015, 131, 1-10.	1.6	20
2748	Declining water budget in a deep regional aquifer assessed by geostatistical simulations of stable isotopes: Case study of the Saharan ‘‘Continental Intercalaire’’. <i>Journal of Hydrology</i> , 2015, 531, 821-829.	2.3	14
2749	Timing and characteristics of Late Pleistocene and Holocene wetter periods in the Eastern Desert and Sinai of Egypt, based on $^{14}C$ dating and stable isotope analysis of spring tufa deposits. <i>Quaternary Science Reviews</i> , 2015, 130, 168-188.	1.4	53
2750	A novel pollen-based method to detect seasonality in ice cores: a case study from the Ortles glacier, South Tyrol, Italy. <i>Journal of Glaciology</i> , 2015, 61, 815-824.	1.1	20
2751	Mineral dust and major ion concentrations in snowpit samples from the NEEM site, Greenland. <i>Atmospheric Environment</i> , 2015, 120, 137-143.	1.9	18
2752	The Small Spring Method (SSM) for the definition of stable isotope–elevation relationships in Northern Calabria (Southern Italy). <i>Applied Geochemistry</i> , 2015, 63, 333-346.	1.4	51
2753	Extreme snow metamorphism in the Allan Hills, Antarctica, as an analogue for glacial conditions with implications for stable isotope composition. <i>Journal of Glaciology</i> , 2015, 61, 1171-1182.	1.1	10
2754	Multi-Decadal Variability in Indian Summer Monsoon Rainfall Using Proxy Data. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2015, , 327-345.	0.2	17
2756	Evidence of groundwater degassing in a deep confined aquifer: noble gas concentrations with hydrogen, oxygen and carbon isotope data. <i>Environmental Earth Sciences</i> , 2015, 74, 4439-4451.	1.3	8
2757	The impact of hydrogeological settings on geochemical evolution of groundwater in karstified limestone aquifer basin in northwest Sri Lanka. <i>Environmental Earth Sciences</i> , 2015, 73, 8061-8073.	1.3	15
2758	Deuterium content of water increases depression susceptibility: The potential role of a serotonin-related mechanism. <i>Behavioural Brain Research</i> , 2015, 277, 237-244.	1.2	56
2759	Drought signals in tree-ring stable oxygen isotope series of Qilian juniper from the arid northeastern Tibetan Plateau. <i>Global and Planetary Change</i> , 2015, 125, 48-59.	1.6	32
2760	Stable oxygen isotopes reveal distinct water use patterns of two <i>Haloxylon</i> species in the Gurbantonggut Desert. <i>Plant and Soil</i> , 2015, 389, 73-87.	1.8	116
2761	Can monsoon moisture arrive in the Qilian Mountains in summer?. <i>Quaternary International</i> , 2015, 358, 113-125.	0.7	48

#	ARTICLE	IF	CITATIONS
2762	Stable water isotope and surface heat flux simulation using ISOLSM: Evaluation against in-situ measurements. <i>Journal of Hydrology</i> , 2015, 523, 67-78.	2.3	14
2763	$\delta^{18}\text{O}$ and $\delta^{15}\text{N}$ in North American precipitation isotope ( $\delta^{18}\text{O}$ ) zones revealed in time series modeling across Canada and northern United States. <i>Water Resources Research</i> , 2015, 51, 1284-1299.	1.7	29
2764	Leaf waxes as recorders of paleoclimatic changes during the Paleocene–Eocene Thermal Maximum: Regional expressions from the Belluno Basin. <i>Organic Geochemistry</i> , 2015, 80, 8-17.	0.9	15
2765	Spatial distribution of $^{17}\text{O}$ -excess in surface snow along a traverse from Zhongshan station to Dome A, East Antarctica. <i>Earth and Planetary Science Letters</i> , 2015, 414, 126-133.	1.8	33
2766	Tree-ring $\delta^{18}\text{O}$ in African mahogany ( <i>Entandrophragma utile</i> ) records regional precipitation and can be used for climate reconstructions. <i>Global and Planetary Change</i> , 2015, 127, 58-66.	1.6	20
2767	Freshening of the Marmara Sea prior to its post-glacial reconnection to the Mediterranean Sea. <i>Earth and Planetary Science Letters</i> , 2015, 413, 176-185.	1.8	22
2768	Predicting leaf wax $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ ratios: controlled water source and humidity experiments with hydroponically grown trees confirm predictions of Craig Gordon model. <i>Plant, Cell and Environment</i> , 2015, 38, 1035-1047.	2.8	34
2769	Enriching the isotopic toolbox for migratory connectivity analysis: a new approach for migratory species breeding in remote or unexplored areas. <i>Diversity and Distributions</i> , 2015, 21, 416-427.	1.9	30
2770	Environmental significance and hydrochemical processes at a cold alpine basin in the Qilian Mountains. <i>Environmental Earth Sciences</i> , 2015, 73, 4043-4052.	1.3	22
2771	Hydrologic response to valley-scale structure in alpine headwaters. <i>Hydrological Processes</i> , 2015, 29, 356-372.	1.1	13
2772	Variation of $\delta^{18}\text{O}$ , $\delta^{17}\text{O}$ and $\delta^{34}\text{S}$ in karst springs of south Kashmir, western Himalayas (India). <i>Hydrological Processes</i> , 2015, 29, 522-530.	1.1	33
2773	The O and H isotope characteristics of water from major rivers in China. <i>Diqiu Huaxue</i> , 2015, 34, 28-37.	0.5	34
2774	Pooled versus separate tree-ring $\delta^{18}\text{O}$ measurements, and implications for reconstruction of the Arctic Oscillation in northwestern China. <i>Science of the Total Environment</i> , 2015, 511, 584-594.	3.9	20
2775	Evaluation of Oceanic and Terrestrial Sources of Moisture for the North American Monsoon Using Numerical Models and Precipitation Stable Isotopes. <i>Journal of Hydrometeorology</i> , 2015, 16, 19-35.	0.7	66
2776	A review of New Zealand palaeoclimate from the Last Interglacial to the global Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2015, 110, 92-106.	1.4	53
2777	Geochemical patterns of groundwater from the Palomares–Carboneras active fault area aquifers (SE) Tj ETQq1 1 0.784314 rgBT / Over Earth Sciences, 2015, 73, 6341-6354.	1.3	3
2778	Spatial patterns in hydrogen isotope ratios in feathers of Burrowing Owls from western North America. <i>Auk</i> , 2015, 132, 25-36.	0.7	1
2779	Monsoon matters. <i>Nature</i> , 2015, 517, 445-446.	13.7	2

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2780	Altitudinal shift in stable hydrogen isotopes and microbial tetraether distribution in soils from the Southern Alps, NZ: Implications for paleoclimatology and paleoaltimetry. <i>Organic Geochemistry</i> , 2015, 79, 56-64.	0.9	25
2781	Stable isotope ratios of nonexchangeable hydrogen in organic matter of soils and plants along a 2100-km climosequence in Argentina: New insights into soil organic matter sources and transformations?. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 152, 54-71.	1.6	14
2782	Investigating human responses to political and environmental change through paleodiet and paleomobility. <i>American Journal of Physical Anthropology</i> , 2015, 157, 179-201.	2.1	21
2783	Temporal trends in $\delta^{18}\text{O}$ composition of precipitation in Germany: insights from time series modelling and trend analysis. <i>Hydrological Processes</i> , 2015, 29, 2668-2680.	1.1	20
2784	Paleo-environment from isotopes and hydrochemistry of groundwater in East Junggar Basin, Northwest China. <i>Journal of Hydrology</i> , 2015, 529, 650-661.	2.3	37
2785	Stable isotopic characteristics of precipitation in Lanzhou City and its surrounding areas, Northwest China. <i>Environmental Earth Sciences</i> , 2015, 73, 4671-4680.	1.3	17
2786	Using hydrochemical and isotopic data to determine sources of recharge and groundwater evolution in an arid region: a case study in the upper-middle reaches of the Shule River basin, northwestern China. <i>Environmental Earth Sciences</i> , 2015, 73, 1901-1915.	1.3	27
2787	Geochemistry of clayey aquitard pore water as archive of paleo-environment, western Bohai Bay. <i>Journal of Earth Science (Wuhan, China)</i> , 2015, 26, 445-452.	1.1	7
2788	The Po river water from the Alps to the Adriatic Sea (Italy): new insights from geochemical and isotopic ( $\delta^{18}\text{O}$ - $\delta^2\text{H}$ ) data. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5184-5203.	2.7	50
2789	Spatial variability in hydrogen and oxygen isotopic composition of Korean Red Pine and its implication for tracing wood origin. <i>Environmental Earth Sciences</i> , 2015, 73, 8045-8052.	1.3	7
2790	Origin of particulate organic matter in a river with remarkable water pollution in Shikoku Island, Japan. <i>Limnology</i> , 2015, 16, 127-137.	0.8	3
2791	Human Diet and Residential Mobility in the Central Western Argentina Colony: Stable Isotopes ( $^{13}\text{C}$ ,) Tj ETQq1 1 0.784314 rgBT /Ove 2015, 19, 289-308.	0.2	5
2792	Carbonate clumped isotope thermometry in continental tectonics. <i>Tectonophysics</i> , 2015, 647-648, 1-20.	0.9	94
2793	Recent and old groundwater in the Niebla-Posadas regional aquifer (southern Spain): Implications for its management. <i>Journal of Hydrology</i> , 2015, 523, 624-635.	2.3	16
2794	Water quality and discharge of the Lower Jordan River. <i>Journal of Hydrology</i> , 2015, 527, 1096-1105.	2.3	30
2795	Oxygen isotope signatures from land snail ( <i>Helix melanostoma</i> ) shells and body fluid: Proxies for reconstructing Mediterranean and North African rainfall. <i>Chemical Geology</i> , 2015, 409, 87-98.	1.4	35
2796	Strontium and oxygen isotopic profiles through 3 km of hydrothermally altered oceanic crust in the Reykjanes Geothermal System, Iceland. <i>Chemical Geology</i> , 2015, 412, 34-47.	1.4	18
2797	Seasonal temperature and precipitation recorded in the intra-annual oxygen isotope pattern of meteoric water and tree-ring cellulose. <i>Quaternary Science Reviews</i> , 2015, 125, 1-14.	1.4	29



#	ARTICLE	IF	CITATIONS
2798	Runoff processes in the Qinghai Lake Basin, Northeast Qinghai-Tibet Plateau, China: Insights from stable isotope and hydrochemistry. <i>Quaternary International</i> , 2015, 380-381, 123-132.	0.7	36
2799	First continuous measurements of $\delta^{18}\text{O}-\text{CO}_2$ in air with a Fourier transform infrared spectrometer. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 579-592.	1.2	13
2800	Glacial-interglacial temperature change in the tropical West Pacific: A comparison of stalagmite-based paleo-thermometers. <i>Quaternary Science Reviews</i> , 2015, 127, 90-116.	1.4	50
2801	Oxygen isotope analysis of human bone phosphate evidences weaning age in archaeological populations. <i>American Journal of Physical Anthropology</i> , 2015, 157, 226-241.	2.1	77
2802	Validation of SCIAMACHY HDO/H <sub>2</sub> O measurements using the TCCON and NDACC-MUSICA networks. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 1799-1818.	1.2	17
2803	Airborne in situ vertical profiling of HDO / H <sub>2</sub> O in the subtropical troposphere during the MUSICA remote sensing validation campaign. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2037-2049.	1.2	28
2805	Influence of salinity on hydrogen isotope fractionation in <i>Rhizophora</i> mangroves from Micronesia. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 206-221.	1.6	35
2806	Monsoon source shifts during the drying mid-Holocene: Biomarker isotope based evidence from the core "monsoon zone" (CMZ) of India. <i>Quaternary Science Reviews</i> , 2015, 123, 144-157.	1.4	93
2807	Identification of geographical influences and flow regime characteristics using regional water isotope surveys in the lower Nelson River, Canada. <i>Canadian Water Resources Journal</i> , 2015, 40, 23-35.	0.5	24
2808	Persistent drying in the tropics linked to natural forcing. <i>Nature Communications</i> , 2015, 6, 7627.	5.8	23
2809	Do $\delta^2\text{H}$ isotopic composition of precipitation? A case study from Mt. Kilimanjaro and implications for paleoaltimetry and paleoclimate research. <i>Isotopes in Environmental and Health Studies</i> , 2015, 51, 508-524.	0.5	26
2810	Global-scale remote sensing of water isotopologues in the troposphere: representation of first-order isotope effects. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 999-1019.	1.2	12
2811	Seasonal variation in water sources of the riparian tree species <i>Acer negundo</i> and <i>Betula nigra</i> , southern Appalachian foothills, USA. <i>Botany</i> , 2015, 93, 519-528.	0.5	11
2813	Diet and climatic context of giant birds inferred from $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ values of Late Palaeocene and Early Eocene eggshells from southern France. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 210-221.	1.0	15
2814	Characteristics and indications of hydrogen and oxygen isotopes distribution in lake ice body. <i>Water Science and Technology</i> , 2015, 71, 1065-1072.	1.2	4
2815	Lost cold Antarctic deserts inferred from unusual sulfate formation and isotope signatures. <i>Nature Communications</i> , 2015, 6, 7579.	5.8	14
2816	Isotope hydrology and baseflow geochemistry in natural and human-altered watersheds in the Inland Pacific Northwest, USA. <i>Isotopes in Environmental and Health Studies</i> , 2015, 51, 231-254.	0.5	37
2817	Stable-isotope and solute-chemistry approaches to flow characterization in a forested tropical watershed, Luquillo Mountains, Puerto Rico. <i>Applied Geochemistry</i> , 2015, 63, 484-497.	1.4	26

#	ARTICLE	IF	CITATIONS
2818	Incorporating water isoscapes in hydrological and water resource investigations. Wiley Interdisciplinary Reviews: Water, 2015, 2, 107-119.	2.8	55
2819	An open source Bayesian Monte Carlo isotope mixing model with applications in Earth surface processes. Geochemistry, Geophysics, Geosystems, 2015, 16, 1274-1292.	1.0	32
2820	Revealing the climate of snowball Earth from $\delta^{17}\text{O}$ systematics of hydrothermal rocks. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5337-5341.	3.3	53
2821	A tree-ring cellulose $\delta^{18}\text{O}$ -based July–October precipitation reconstruction since AD 1828, northwest Thailand. Journal of Hydrology, 2015, 529, 433-441.	2.3	56
2822	River flow reconstruction using stalagmite oxygen isotope $\delta^{18}\text{O}$ : An example of the Jialingjiang River, China. Journal of Hydrology, 2015, 529, 559-569.	2.3	8
2824	Paleo-hydrologic reconstruction based on stalagmite $\delta^{18}\text{O}$ and re-assessment of river flow above the Danjiangkou Dam, China. Climatic Change, 2015, 130, 619-634.	1.7	8
2825	Tracing stable isotopes ( $\delta^2\text{H}$ and $\delta^{18}\text{O}$ ) from meteoric water to groundwater in the Densu River basin of Ghana. Environmental Monitoring and Assessment, 2015, 187, 264.	1.3	20
2826	Fluoride hydrogeochemistry in alluvial aquifer: an implication to chemical weathering and ion-exchange phenomena. Environmental Earth Sciences, 2015, 73, 3537-3554.	1.3	16
2827	Isotopic and hydrochemical composition of runoff in the Urumqi River, Tianshan Mountains, China. Environmental Earth Sciences, 2015, 74, 1521-1537.	1.3	23
2828	Isotopic study of water resources in a semi-arid region, western Iraq. Environmental Earth Sciences, 2015, 74, 1671-1686.	1.3	24
2829	Tracking natural and anthropogenic origins of dissolved arsenic during surface and groundwater interaction in a post-closure mining context: Isotopic constraints. Journal of Contaminant Hydrology, 2015, 177-178, 122-135.	1.6	25
2830	Importance of boundary layer mixing for the isotopic composition of surface vapor over the subtropical North Atlantic Ocean. Journal of Geophysical Research D: Atmospheres, 2015, 120, 2190-2209.	1.2	28
2831	Hydrological changes of the past 1400 years recorded in $\delta\text{D}$ of sedimentary n-alkanes from Poyang Lake, southeastern China. Holocene, 2015, 25, 1068-1075.	0.9	16
2832	Relationship between Dongting Lake and surrounding rivers under the operation of the Three Gorges Reservoir, China. Isotopes in Environmental and Health Studies, 2015, 51, 255-270.	0.5	24
2833	<i>Bison bonasus</i> skull from the Bihor Mountains, Romania: Isotopic and morphological investigations. Holocene, 2015, 25, 1134-1143.	0.9	3
2834	The stable isotope evolution in Shiyi glacier system during the ablation period in the north of Tibetan Plateau, China. Quaternary International, 2015, 380-381, 262-271.	0.7	25
2835	“Study the past, if you would divine the future”: a retrospective on measuring and understanding Quaternary climate change. Journal of Quaternary Science, 2015, 30, 154-187.	1.1	36
2836	Human adaptation strategies to abrupt climate change in Puerto Rico ca. 3.5 ka. Holocene, 2015, 25, 627-640.	0.9	20

#	ARTICLE	IF	CITATIONS
2837	Oxygen isotope composition of diatoms as Late Holocene climate proxy at Two-Yurts Lake, Central Kamchatka, Russia. <i>Global and Planetary Change</i> , 2015, 134, 118-128.	1.6	32
2838	Flow and geochemical modeling of drainage from Tomitaka mine, Miyazaki, Japan. <i>Journal of Environmental Sciences</i> , 2015, 36, 130-143.	3.2	12
2839	The effectiveness of using carbonate isotope measurements of body tissues to infer diet in human evolution: Evidence from wild western chimpanzees ( <i>Pan troglodytes verus</i> ). <i>Journal of Human Evolution</i> , 2015, 88, 70-78.	1.3	7
2840	Isotopic and chemical composition of precipitation in Riyadh, Saudi Arabia. <i>Chemical Geology</i> , 2015, 413, 51-62.	1.4	29
2841	Relation between isotopic composition of precipitation and atmospheric circulation patterns. <i>Journal of Hydrology</i> , 2015, 529, 1422-1432.	2.3	19
2842	Triple isotope ( $\delta^{18}O$ , $\delta^{17}O$ , $\delta^{18}O$ ) study on precipitation, drip water and speleothem fluid inclusions for a Western Central European cave (NW Switzerland). <i>Quaternary Science Reviews</i> , 2015, 127, 73-89.	1.4	56
2843	Great Basin hydrology, paleoclimate, and connections with the North Atlantic: A speleothem stable isotope and trace element record from Lehman Caves, NV. <i>Quaternary Science Reviews</i> , 2015, 127, 186-198.	1.4	21
2844	Influence of Plio-Pleistocene basin hydrology on the Turkana hominin enamel carbonate $\delta^{18}O$ values. <i>Journal of Human Evolution</i> , 2015, 86, 13-31.	1.3	9
2845	Hydrologic changes in Colorado during the mid-Holocene and Younger Dryas. <i>Quaternary Research</i> , 2015, 84, 187-199.	1.0	14
2846	Southeast African records reveal a coherent shift from high- to low-latitude forcing mechanisms along the east African margin across last glacial–interglacial transition. <i>Quaternary Science Reviews</i> , 2015, 125, 117-130.	1.4	112
2847	Fluvial radiocarbon and its temporal variability during contrasting hydrological conditions. <i>Biogeochemistry</i> , 2015, 126, 57-69.	1.7	17
2848	Precipitation linked to Atlantic moisture transport: clues to interpret Patagonian palaeoclimate. <i>Climate Research</i> , 2015, 62, 219-240.	0.4	27
2849	Residence times of groundwater and nitrate transport in coastal aquifer systems: Daweijia area, northeastern China. <i>Science of the Total Environment</i> , 2015, 538, 539-554.	3.9	42
2850	Theoretical and Experimental Principles. , 2015, , 1-46.		5
2851	Variations of Stable Isotope Ratios in Nature. , 2015, , 191-383.		0
2852	Influences on the stable oxygen and carbon isotopes in gerbillid rodent teeth in semi-arid and arid environments: Implications for past climate and environmental reconstruction. <i>Earth and Planetary Science Letters</i> , 2015, 428, 84-96.	1.8	23
2853	Gradual onset and recovery of the Younger Dryas abrupt climate event in the tropics. <i>Nature Communications</i> , 2015, 6, 8061.	5.8	55
2854	Life form-specific gradients in compound-specific hydrogen isotope ratios of modern leaf waxes along a North American Monsoonal transect. <i>Oecologia</i> , 2015, 179, 981-997.	0.9	11

#	ARTICLE	IF	CITATIONS
2855	Different altitude effect of leaf wax n-alkane $\delta^{13}C$ values in surface soils along two vapor transport pathways, southeastern Tibetan Plateau. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 170, 94-107.	1.6	39
2856	Global separation of plant transpiration from groundwater and streamflow. <i>Nature</i> , 2015, 525, 91-94.	13.7	377
2857	Bahamian speleothem reveals temperature decrease associated with Heinrich stadials. <i>Earth and Planetary Science Letters</i> , 2015, 430, 377-386.	1.8	34
2858	Stable oxygen isotopes in juniper and oak tree rings from northern Iran as indicators for site-specific and season-specific moisture variations. <i>Dendrochronologia</i> , 2015, 36, 33-39.	1.0	8
2859	Pliocene and Early Pleistocene paleoenvironmental conditions in the Pannonian Basin (Hungary). <i>Journal of Quaternary Science</i> , 2015, 30, 100-110.	1.0	18
2860	Stable carbon and oxygen isotopic evidence for Late Cenozoic environmental change in Northern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 440, 750-762.	1.0	13
2861	Cenozoic paleoaltimetry of the SE margin of the Tibetan Plateau: Constraints on the tectonic evolution of the region. <i>Earth and Planetary Science Letters</i> , 2015, 432, 415-424.	1.8	126
2862	Precipitation water stable isotope measurements and analyses in Middle and Polar Ural. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
2864	Reconstructing lake evaporation history and the isotopic composition of precipitation by a coupled $\delta^{18}O$ - $\delta^2H$ biomarker approach. <i>Journal of Hydrology</i> , 2015, 529, 622-631.	2.3	29
2865	Spatial patterns of throughfall isotopic composition at the event and seasonal timescales. <i>Journal of Hydrology</i> , 2015, 522, 58-66.	2.3	31
2866	Environment and ecology of East Asian dinosaurs during the Early Cretaceous inferred from stable oxygen and carbon isotopes in apatite. <i>Journal of Asian Earth Sciences</i> , 2015, 98, 358-370.	1.0	47
2867	Role of seasonal transitions and westerly jets in East Asian paleoclimate. <i>Quaternary Science Reviews</i> , 2015, 108, 111-129.	1.4	245
2868	Spatial distribution of $\delta^2H$ and $\delta^{18}O$ values in the hydrologic cycle of the Nile Basin. <i>Journal of Arid Land</i> , 2015, 7, 133-145.	0.9	7
2869	Reconstruction of breastfeeding and weaning practices using stable isotope and trace element analyses: A review. <i>American Journal of Physical Anthropology</i> , 2015, 156, 2-21.	2.1	170
2870	Seasonal variations of deuterium and oxygen-18 isotopes and their response to moisture source for precipitation events in the subtropical monsoon region. <i>Hydrological Processes</i> , 2015, 29, 90-102.	1.1	110
2871	A preliminary study of water use strategy of desert plants in Dunhuang, China. <i>Journal of Arid Land</i> , 2015, 7, 73-81.	0.9	21
2872	Local water resource variability and oxygen isotopic reconstructions of mobility: A case study from the Maya area. <i>Journal of Archaeological Science: Reports</i> , 2015, 2, 666-676.	0.2	19
2873	Simulation of stable water isotopic composition in the atmosphere using an isotopic Atmospheric Water Balance Model. <i>International Journal of Climatology</i> , 2015, 35, 846-859.	1.5	8

#	ARTICLE	IF	CITATIONS
2874	Stable isotopes in rain and cloud water in Madeira: contribution for the hydrogeologic framework of a volcanic island. <i>Environmental Earth Sciences</i> , 2015, 73, 2733-2747.	1.3	15
2875	Dinosaur teeth from the Jurassic Qigu and Shishugou Formations of the Junggar Basin (Xinjiang/China) and their paleoecologic implications. <i>Palaontologische Zeitschrift</i> , 2015, 89, 485-502.	0.8	11
2876	Chemical and isotopic characteristics of the Euphrates River water, Syria: factors controlling its geochemistry. <i>Environmental Earth Sciences</i> , 2015, 73, 4763-4778.	1.3	10
2877	$\delta^{18}\text{O}$ characteristics of meteoric precipitation and its water vapor sources in the Guilin area of China. <i>Environmental Earth Sciences</i> , 2015, 74, 953-976.	1.3	17
2878	Isotopic evidence for divergent diets and mobility patterns in the <sc>A</sc> tacama <sc>D</sc> esert, northern <sc>C</sc> hile, during the <sc>L</sc> ate <sc>I</sc> ntermediate <sc>P</sc> eriod (<sc>AD</sc> 900â€“1450). <i>American Journal of Physical Anthropology</i> , 2015, 156, 374-387.	2.1	46
2879	Ice core profiles of saturated fatty acids (C 12:0 â€“C 30:0 ) and oleic acid (C 18:1 ) from southern Alaska since 1734 AD: A link to climate change in the Northern Hemisphere. <i>Atmospheric Environment</i> , 2015, 100, 202-209.	1.9	21
2880	Isotopic composition of water in precipitation due to seasonal variation and variation in intensity of rain fall at a place. <i>Applied Radiation and Isotopes</i> , 2015, 95, 72-75.	0.7	2
2881	A triple-isotope approach for discriminating the geographic origin of Asian sesame oils. <i>Food Chemistry</i> , 2015, 167, 363-369.	4.2	22
2882	Stable isotopes reveal ecological differences amongst nowâ€“extinct proboscideans from the <sc>C</sc> incinnati region, <sc>USA</sc>. <i>Boreas</i> , 2015, 44, 240-254.	1.2	23
2883	Multi-tracer investigation of groundwater in El Eulma Basin (northwestern Algeria), North Africa. <i>Arabian Journal of Geosciences</i> , 2015, 8, 3321-3333.	0.6	28
2884	Groundwater Quality. , 2015, , 279-339.		5
2886	Hemispherically asymmetric volcanic forcing of tropical hydroclimate during the last millennium. <i>Earth System Dynamics</i> , 2016, 7, 681-696.	2.7	65
2888	Isotopic exchange on the diurnal scale between near-surface snow and lower atmospheric water vapor at Kohlen station, East Antarctica. <i>Cryosphere</i> , 2016, 10, 1647-1663.	1.5	53
2889	Isoscapes: a new dimension in community ecology. <i>Tree Physiology</i> , 2016, 36, 1456-1459.	1.4	13
2890	Changes in Holocene Precipitation Pattern of the Central Mediterranean Inferred from Hypogean Tufa Proxy Data. <i>Journal of Climatology &amp; Weather Forecasting</i> , 2016, 04, .	0.2	0
2891	Impacts of Tibetan Plateau uplift on atmospheric dynamics and associated precipitation &lt;i>i&gt; &lt;sup&gt;18&gt; &lt;sup&gt;O. <i>Climate of the Past</i> , 2016, 13, 1401-1420.	1.3	38
2892	Three-year monitoring of stable isotopes of precipitation at Concordia Station, East Antarctica. <i>Cryosphere</i> , 2016, 10, 2415-2428.	1.5	62
2894	Climate dependent contrast in surface mass balance in East Antarctica over the past 216 ka. <i>Journal of Glaciology</i> , 2016, 62, 1037-1048.	1.1	8



#	ARTICLE	IF	CITATIONS
2919	Glacial-interglacial changes in $\delta^{18}\text{O}$ , $\delta^2\text{H}$ and deuterium excess $\delta^{\text{ex}}$ results from the fully coupled ECHAM5/MPI-OM Earth system model. <i>Geoscientific Model Development</i> , 2016, 9, 647-670.	1.3	63
2920	Simulating oxygen isotope ratios in tree ring cellulose using a dynamic global vegetation model. <i>Biogeosciences</i> , 2016, 13, 3869-3886.	1.3	23
2921	Evidence of multiple thermokarst lake generations from an 11,800-year-old permafrost core on the northern Seward Peninsula, Alaska. <i>Boreas</i> , 2016, 45, 584-603.	1.2	24
2922	Combined use of isotopic and hydrometric data to conceptualize ecohydrological processes in a high-elevation tropical ecosystem. <i>Hydrological Processes</i> , 2016, 30, 2930-2947.	1.1	45
2923	Isotopic composition of precipitation in a topographically steep, seasonally snow-dominated watershed and implications of variations from the global meteoric water line. <i>Hydrological Processes</i> , 2016, 30, 4582-4592.	1.1	28
2924	Oxygen isotope ratios in primate bone carbonate reflect amount of leaves and vertical stratification in the diet. <i>American Journal of Primatology</i> , 2016, 78, 1086-1097.	0.8	20
2925	High-resolution isotope measurements resolve rapid ecohydrological dynamics at the soil-plant interface. <i>New Phytologist</i> , 2016, 210, 839-849.	3.5	149
2926	Potential utility of tree ring $\delta^{18}\text{O}$ series for reconstructing precipitation records from the lower reaches of the Yangtze River, southeast China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3954-3968.	1.2	49
2927	Insights into plant water uptake from xylem water isotope measurements in two tropical catchments with contrasting moisture conditions. <i>Hydrological Processes</i> , 2016, 30, 3210-3227.	1.1	110
2928	Numerical experiments on the impacts of surface evaporation and fractionation factors on stable isotopes in precipitation. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2016, 52, 327-339.	1.3	10
2929	Holocene climate change in Newfoundland reconstructed using oxygen isotope analysis of lake sediment cores. <i>Global and Planetary Change</i> , 2016, 143, 251-261.	1.6	19
2930	Lithalsas in the Sentsa River Valley, Eastern Sayan Mountains, Southern Russia. <i>Permafrost and Periglacial Processes</i> , 2016, 27, 285-296.	1.5	14
2931	Formation Chronology of Arsain Pingo, Darhad Basin, Northern Mongolia. <i>Permafrost and Periglacial Processes</i> , 2016, 27, 297-306.	1.5	16
2932	Fine-scale spatial variability of throughfall amount and isotopic composition under a hardwood forest canopy. <i>Hydrological Processes</i> , 2016, 30, 1796-1803.	1.1	26
2933	Taxonomy, location of origin and health status of proboscideans from Western Canada investigated using stable isotope analysis. <i>Journal of Quaternary Science</i> , 2016, 31, 126-142.	1.1	13
2934	Stable isotope study on ancient populations of central Sudan: Insights on their diet and environment. <i>American Journal of Physical Anthropology</i> , 2016, 160, 498-518.	2.1	31
2935	Assessment of the impact of pools on the water isotopic signature of a boreal patterned peatland. <i>Hydrological Processes</i> , 2016, 30, 1292-1307.	1.1	8
2936	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

#	ARTICLE	IF	CITATIONS
2937	Water and solute dynamics during rainfall events in headwater catchments in the Central Swiss Alps under the influence of green alder shrubs and wetland soils. <i>Ecohydrology</i> , 2016, 9, 950-963.	1.1	9
2938	Isotopic Evidence for Long-Distance Mammal Procurement, Chaco Canyon, New Mexico, USA. <i>Geoarchaeology - an International Journal</i> , 2016, 31, 335-354.	0.7	20
2939	Isotopic reconstructions of habitat change surrounding the extinction of <i>Oreopithecus</i> , the last European ape. <i>American Journal of Physical Anthropology</i> , 2016, 160, 254-271.	2.1	7
2940	Carbon Isotopes and Dental Caries as Evidence for Regional Variation in the Diets of Early Farming Communities from Katanga, Democratic Republic of the Congo. <i>Journal of African Archaeology</i> , 2016, 14, 135-153.	0.3	5
2941	Preliminary Assessment of Groundwater and Surface Water Characteristics in the Upper Chao Phraya River Basin Land Using a Stable Isotope Fingerprinting Technique. , 2016, , .		2
2942	Stable isotope ecology of the koala ( <i>Phascolarctos cinereus</i> ). <i>Australian Journal of Zoology</i> , 2016, 64, 353.	0.6	4
2943	Different sub-monsoon signals in stable oxygen isotope in daily precipitation to the northeast of the Tibetan Plateau. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2016, 68, 27922.	0.8	10
2944	Possible recent warming hiatus on the northwestern Tibetan Plateau derived from ice core records. <i>Scientific Reports</i> , 2016, 6, 32813.	1.6	23
2945	Water stable isotopes in the Yarlungzangbo headwater region and its vicinity of the southwestern Tibetan Plateau. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2016, 68, 30397.	0.8	17
2946	Isotopic signature of extreme precipitation events in the western U.S. and associated phases of Arctic and tropical climate modes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8913-8924.	1.2	18
2947	Ice Complex permafrost of MIS5 age in the Dmitry Laptev Strait coastal region (East Siberian Arctic). <i>Quaternary Science Reviews</i> , 2016, 147, 298-311.	1.4	37
2948	Factors controlling stable isotope composition of precipitation in arid conditions: an observation network in the Tianshan Mountains, central Asia. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 68, 26206.	0.8	73
2949	The 8.2ka BP event in north-eastern North America: first combined oxygen and hydrogen isotopic data from peat in Newfoundland. <i>Journal of Quaternary Science</i> , 2016, 31, 416-425.	1.1	12
2950	The Proyecto Costa Escondida: Recent interdisciplinary research in search of freshwater along the North Coast of Quintana Roo, Mexico. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 749-761.	2.8	9
2951	Abrupt and moderate climate changes in the mid-latitudes of Asia during the Holocene. <i>Journal of Glaciology</i> , 2016, 62, 411-439.	1.1	37
2952	Stable carbon and oxygen isotopes in tree rings show physiological responses of <i>Pericopsis elata</i> to precipitation in the Congo Basin. <i>Journal of Tropical Ecology</i> , 2016, 32, 213-225.	0.5	11
2953	Characteristics of deuterium excess parameters for geothermal water in Beijing. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	8
2954	Preliminary research on hydrogen and oxygen stable isotope characteristics of different water bodies in the Qilian Mountains, northwestern Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	21



#	ARTICLE	IF	CITATIONS
2955	FURTHER EVIDENCE FOR A "LATE ASSYRIAN DRY PHASE" IN THE NEAR EAST DURING THE MID-TO-LATE SEVENTH CENTURY B.C.?. Iraq, 2016, 78, 159-174.	0.5	3
2956	Observations on the Biology and Sclerochronology of <i>Turritella duplicata</i> (Linnaeus). Tj ETQq1 1 0.784314 rgBT / Qv	0.2	12
2957	Precipitation $\delta^{18}O$ over the Himalaya-Tibet orogen from ECHAM5-iso simulations: Statistical analysis of temperature, topography and precipitation. Journal of Geophysical Research D: Atmospheres, 2016, 121, 9278-9300.	1.2	13
2958	Atmospheric controls on the precipitation isotopes over the Andaman Islands, Bay of Bengal. Scientific Reports, 2016, 6, 19555.	1.6	71
2959	Sub-annual variability in historical water source use by Mediterranean riparian trees. Ecohydrology, 2016, 9, 1328-1345.	1.1	41
2960	Evaluating groundwater recharge processes using stable isotope signatures in the Nabogo catchment of the White Volta, Ghana. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	12
2961	Hydrogeochemical and isotopic tracers for identification of seasonal and long-term over-exploitation of the Pleistocene thermal waters. Environmental Monitoring and Assessment, 2016, 188, 242.	1.3	8
2962	Precipitation isoscapes for New Zealand: enhanced temporal detail using precipitation-weighted daily climatology. Isotopes in Environmental and Health Studies, 2016, 52, 343-352.	0.5	22
2963	Scientific drilling projects in ancient lakes: Integrating geological and biological histories. Global and Planetary Change, 2016, 143, 118-151.	1.6	33
2964	Application of eco-physiological models to the climatic interpretation of $\delta^{13}C$ and $\delta^{18}O$ measured in Siberian larch tree-rings. Dendrochronologia, 2016, 39, 51-59.	1.0	21
2965	Spring response to precipitation events using $\delta^{18}O$ and $\delta^2H$ in the Tanour catchment, NW Jordan. Isotopes in Environmental and Health Studies, 2016, 52, 682-693.	0.5	8
2966	Geophysical, isotopic, and hydrogeochemical tools to identify potential impacts on coastal groundwater resources from Urmia hypersaline Lake, NW Iran. Environmental Science and Pollution Research, 2016, 23, 16738-16760.	2.7	51
2967	Isotopic characteristics of precipitation, groundwater, and stream water in an alpine region in southwest China. Environmental Earth Sciences, 2016, 75, 1.	1.3	7
2968	Relationship between sub-cloud secondary evaporation and stable isotope in precipitation in different regions of China. Environmental Earth Sciences, 2016, 75, 1.	1.3	20
2969	Historical continuity in Sonoran Desert free-range ranching practices: Carbon, oxygen, and strontium isotope evidence from two 18th-century missions. Journal of Archaeological Science: Reports, 2016, 7, 37-47.	0.2	5
2970	An analysis of the origin of an early medieval group of individuals from GrÃ³dek based on the analysis of stable oxygen isotopes. HOMO- Journal of Comparative Human Biology, 2016, 67, 313-327.	0.3	5
2971	Asynchronous evolution of the isotopic composition and amount of precipitation in north China during the Holocene revealed by a record of compound-specific carbon and hydrogen isotopes of long-chain n-alkanes from an alpine lake. Earth and Planetary Science Letters, 2016, 446, 68-76.	1.8	65
2973	Isotopic and geochemical identifications of groundwater salinisation processes in Salalah coastal plain, Sultanate of Oman. Chemie Der Erde, 2016, 76, 243-255.	0.8	27

#	ARTICLE	IF	CITATIONS
2974	Stable isotopes in the closed-system Weather Pingo, Alaska and Pestsovoye Pingo, northwestern Siberia. <i>Cold Regions Science and Technology</i> , 2016, 128, 13-21.	1.6	8
2975	$\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ records from a Cenozoic sedimentary sequence in the Lanzhou Basin, Northwestern China: Implications for palaeoenvironmental and palaeoecological changes. <i>Journal of Asian Earth Sciences</i> , 2016, 125, 22-36.	1.0	16
2976	Key drivers controlling stable isotope variations in daily precipitation of Costa Rica: Caribbean Sea versus Eastern Pacific Ocean moisture sources. <i>Quaternary Science Reviews</i> , 2016, 131, 250-261.	1.4	68
2977	Water circulation and governing factors in humid tropical river basins in the central Western Ghats, Karnataka, India. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 175-190.	0.7	9
2978	Western Mediterranean climate and environment since Marine Isotope Stage 3: a 50,000-year record from Lake Banyoles, Spain. <i>Journal of Paleolimnology</i> , 2016, 55, 113-128.	0.8	3
2979	A 15 ka lake water $\delta\text{D}$ record from Genggahai Lake, northeastern Tibetan Plateau, and its paleoclimatic significance. <i>Organic Geochemistry</i> , 2016, 97, 5-16.	0.9	20
2980	The stable hydrogen isotopic composition of sedimentary plant waxes as quantitative proxy for rainfall in the West African Sahel. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 184, 55-70.	1.6	46
2981	Critical issues with cryogenic extraction of soil water for stable isotope analysis. <i>Ecohydrology</i> , 2016, 9, 1-5.	1.1	127
2982	Using stable isotopes to characterize groundwater recharge sources in the volcanic island of Madeira, Portugal. <i>Journal of Hydrology</i> , 2016, 536, 409-425.	2.3	36
2983	Potential influence of temperature changes in the Southern Hemisphere on the evolution of the Asian summer monsoon during the last glacial period. <i>Quaternary International</i> , 2016, 392, 239-250.	0.7	29
2984	The structure of Holocene climate change in mid-latitude North America. <i>Quaternary Science Reviews</i> , 2016, 141, 38-51.	1.4	101
2985	Multi-proxy evidence of Holocene climate variability in Volhynia Upland (SE Poland) recorded in spring-fed fen deposits from the Komar <sup>3</sup> w site. <i>Holocene</i> , 2016, 26, 1406-1425.	0.9	26
2986	Moss stable isotopes (carbon-13, oxygen-18) and testate amoebae reflect environmental inputs and microclimate along a latitudinal gradient on the Antarctic Peninsula. <i>Oecologia</i> , 2016, 181, 931-945.	0.9	33
2987	Cattle and sheep raising and millet growing in the Longshan age in central China: Stable isotope investigation at the Xinzhai site. <i>Quaternary International</i> , 2016, 426, 145-157.	0.7	18
2988	Isotopic signatures for the assessment of snow water resources in the Moroccan high Atlas mountains: contribution to surface and groundwater recharge. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	38
2989	Stable isotope variations in precipitation over Deqin on the southeastern margin of the Tibetan Plateau during different seasons related to various meteorological factors and moisture sources. <i>Atmospheric Research</i> , 2016, 170, 123-130.	1.8	47
2990	Three Gorges Dam alters the Changjiang (Yangtze) river water cycle in the dry seasons: Evidence from H-O isotopes. <i>Science of the Total Environment</i> , 2016, 562, 89-97.	3.9	58
2991	Isotopic analysis of sulfur cycling and gypsum vein formation in a natural CO <sub>2</sub> reservoir. <i>Chemical Geology</i> , 2016, 436, 72-83.	1.4	15

#	ARTICLE	IF	CITATIONS
2992	Wastewater Disposal from Unconventional Oil and Gas Development Degrades Stream Quality at a West Virginia Injection Facility. <i>Environmental Science &amp; Technology</i> , 2016, 50, 5517-5525.	4.6	118
2993	<i>In situ</i> measurement of CO <sub>2</sub> and water vapour isotopic compositions at a forest site using mid-infrared laser absorption spectroscopy. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 603-618.	0.5	2
2994	Assessing groundwater sources and their association with reservoir water using stable hydrogen and oxygen isotopes: a case study of the Taipei Basin, northern Taiwan. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	7
2995	Variations in annual accumulation recorded in a Laohugou ice core from the northeastern Tibetan Plateau and their relationship with atmospheric circulation. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	7
2996	Dietary ecology of Pleistocene camelids: Influences of climate, environment, and sympatric taxa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 389-400.	1.0	22
2997	Inter- and intra-annual tree-ring cellulose oxygen isotope variability in response to precipitation in Southeast China. <i>Trees - Structure and Function</i> , 2016, 30, 785-794.	0.9	33
2998	Geomorphological and geochemistry changes in permafrost after the 2002 tundra wildfire in Kougarak, Seward Peninsula, Alaska. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 1697-1715.	1.0	20
2999	Peat porewaters have contrasting geochemical fingerprints for groundwater recharge and discharge due to matrix diffusion in a large, northern bog-fen complex. <i>Journal of Hydrology</i> , 2016, 541, 941-951.	2.3	12
3000	Exploring lipid 2H/1H fractionation mechanisms in response to salinity with continuous cultures of the diatom <i>Thalassiosira pseudonana</i> . <i>Organic Geochemistry</i> , 2016, 101, 154-165.	0.9	26
3001	Factors affecting the stable isotopes ratios in groundwater impacted by intense agricultural practices: A case study from the Nile Valley of Egypt. <i>Science of the Total Environment</i> , 2016, 573, 707-715.	3.9	19
3002	Partitioning groundwater recharge between rainfall infiltration and irrigation return flow using stable isotopes: The Crau aquifer. <i>Journal of Hydrology</i> , 2016, 542, 241-253.	2.3	23
3003	Stable isotope and multi-analytical investigation of Monte da Cegonha: A Late Antiquity population in southern Portugal. <i>Journal of Archaeological Science: Reports</i> , 2016, 9, 728-742.	0.2	10
3004	Stable isotope composition of precipitation in the south and north slopes of Wushaoling Mountain, northwestern China. <i>Atmospheric Research</i> , 2016, 182, 87-101.	1.8	29
3005	A <sup>18</sup> O isoscape for the shallow groundwater in the Baltic Artesian Basin. <i>Journal of Hydrology</i> , 2016, 542, 254-267.	2.3	28
3006	Short-term stable isotopic composition variations of near-surface atmospheric water vapor in four semiarid areas (Binxian, Guyuan, Wujiaochuan, Yuzhong) in interior northwestern China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	1
3007	Stable isotopic signature of Australian monsoon controlled by regional convection. <i>Quaternary Science Reviews</i> , 2016, 151, 228-235.	1.4	40
3008	The role of metabolism in modulating CO <sub>2</sub> fluxes in boreal lakes. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1509-1525.	1.9	48
3009	A First Step Toward Quantifying the Climate's Information Production over the Last 68,000 Years. <i>Lecture Notes in Computer Science</i> , 2016, , 343-355.	1.0	2

#	ARTICLE	IF	CITATIONS
3010	Identifying groundwater recharge connections in the Moscow (USA) sub-basin using isotopic tracers and a soil moisture routing model. <i>Hydrogeology Journal</i> , 2016, 24, 1739-1751.	0.9	9
3011	Groundwater flow and geochemical evolution in the Central Flinders Ranges, South Australia. <i>Science of the Total Environment</i> , 2016, 572, 837-851.	3.9	36
3012	Identifications of aquifer group classification by using environmental isotope and hydrogeochemistry method: a case study of Huabei plain, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	0
3013	A mid-Holocene paleoprecipitation record from Belize. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 463, 103-111.	1.0	13
3014	Elucidating the climate and topographic controls on stable isotope composition of meteoric waters in Morocco, using station-based and spatially-interpolated data. <i>Journal of Hydrology</i> , 2016, 543, 305-315.	2.3	29
3015	Does belowground interaction with <i>Fagus sylvatica</i> increase drought susceptibility of photosynthesis and stem growth in <i>Picea abies</i> ?. <i>Forest Ecology and Management</i> , 2016, 375, 268-278.	1.4	65
3016	Microphysical controls on the isotopic composition of wintertime orographic precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7235-7253.	1.2	21
3017	Drivers of $\delta^2\text{H}$ variations in an idealized extratropical cyclone. <i>Geophysical Research Letters</i> , 2016, 43, 5401-5408.	1.5	16
3018	Forward modeling of $\delta^{18}\text{O}$ in Andean ice cores. <i>Geophysical Research Letters</i> , 2016, 43, 8178-8188.	1.5	22
3019	Spatial variation of stable isotopes in different waters during melt season in the Laohugou Glacial Catchment, Shule River basin. <i>Journal of Mountain Science</i> , 2016, 13, 1453-1463.	0.8	20
3020	Using stable hydrogen and oxygen isotopes to reveal monsoonal and related hydrological effects on meteoric water in the Western Pacific monsoon region: A case study of the Ilan region, northeastern Taiwan. <i>Journal of Asian Earth Sciences</i> , 2016, 128, 105-115.	1.0	7
3021	Isotopic and geochemical studies of groundwater from the Ramganga basin and the middle Ganga Plains: implication for pollution and metal contamination. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	7
3022	Stable isotope variations ( $\delta^{18}\text{O}$ and $\delta^2\text{D}$ ) in modern waters across the Andean Plateau. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 194, 310-324.	1.6	45
3023	Isotopic provenancing of the Salme ship burials in Pre-Viking Age Estonia. <i>Antiquity</i> , 2016, 90, 1022-1037.	0.5	28
3024	Plant-wax D/H ratios in the southern European Alps record multiple aspects of climate variability. <i>Quaternary Science Reviews</i> , 2016, 148, 176-191.	1.4	20
3025	Linkages between spatio-temporal patterns of environmental factors and distribution of plant assemblages across a boreal peatland complex. <i>Boreas</i> , 2016, 45, 207-219.	1.2	21
3026	The $\delta^{18}\text{O}$ stratigraphy of the Hoxnian lacustrine sequence at Marks Tey, Essex, UK: implications for the climatic structure of MIS 11 in Britain. <i>Journal of Quaternary Science</i> , 2016, 31, 75-92.	1.1	21
3027	Chemical and Isotopic Characters of the Water and Suspended Particulate Materials in the Yellow River and Their Geological and Environmental Implications. <i>Acta Geologica Sinica</i> , 2016, 90, 285-351.	0.8	18

#	ARTICLE	IF	CITATIONS
3028	Vertical variation in the amplitude of the seasonal isotopic content of rainfall as a tool to jointly estimate the groundwater recharge zone and transit times in the Ordesa and Monte Perdido National Park aquifer system, north-eastern Spain. <i>Science of the Total Environment</i> , 2016, 573, 505-517.	3.9	27
3029	A late Holocene molecular hydrogen isotope record of the East Asian Summer Monsoon in Southwest Japan. <i>Quaternary Research</i> , 2016, 86, 287-294.	1.0	10
3030	Oxygen isotopic evidence for high-magnitude, abrupt climatic events during the Lateglacial Interstadial in north-west Europe: analysis of a lacustrine sequence from the site of Tirinie, Scottish Highlands. <i>Journal of Quaternary Science</i> , 2016, 31, 607-621.	1.1	22
3031	The Pliensbachian-Toarcian paleoclimate transition: New insights from organic geochemistry and C, H, N isotopes in a continental section from Central Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 310-327.	1.0	7
3032	Oxygen isotope composition of diatoms from sediments of Lake Kotokel (Buryatia). <i>Russian Geology and Geophysics</i> , 2016, 57, 1239-1247.	0.3	11
3033	Hydrochemical and isotopic investigations as indicators of recharge processes of the Continental Intercalaire aquifer (eastern piedmont of Dahar, southern Tunisia). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	8
3034	Stable isotopes in atmospheric water vapor and applications to the hydrologic cycle. <i>Reviews of Geophysics</i> , 2016, 54, 809-865.	9.0	241
3035	Understanding the temporal slope of the temperature-water isotope relation during the deglaciation using isoCAM3: The slope equation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 10,342.	1.2	10
3036	Influence of large-scale atmospheric circulation on marine air intrusion toward the East Antarctic coast. <i>Geophysical Research Letters</i> , 2016, 43, 9298-9305.	1.5	25
3038	Paleoclimate significance of n-alkane molecular distributions and $\delta^2\text{H}$ values in surface peats across the monsoon region of China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 77-86.	1.0	26
3039	Climatic and geomorphic drivers of plant organic matter transport in the Arun River, E Nepal. <i>Earth and Planetary Science Letters</i> , 2016, 452, 104-114.	1.8	18
3040	Stable isotope ecology of Hippotherium from the Late Miocene Pannonian Basin system. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 459, 44-52.	1.0	3
3041	Reconstruction of hydrographic changes in the southern Norwegian Sea during the past 135 kyr and the impact of different foraminiferal Mg/Ca cleaning protocols. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3420-3436.	1.0	12
3042	Environmental isotope systematics of the groundwater system of southern Kuwait. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	14
3043	Controlling factors of rainwater and water vapor isotopes at Bangalore, India: Constraints from observations in 2013 Indian monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,936.	1.2	33
3044	Evolution of the groundwater chemical composition in the Poyang Lake catchment, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	32
3045	Constraining foraminiferal calcification depths in the western Pacific warm pool. <i>Marine Micropaleontology</i> , 2016, 128, 14-27.	0.5	45
3046	Advances in Intelligent Data Analysis XV. <i>Lecture Notes in Computer Science</i> , 2016, , .	1.0	1

#	ARTICLE	IF	CITATIONS
3047	A positive altitude gradient of isotopes in the precipitation over the Tianshan Mountains: Effects of moisture recycling and sub-cloud evaporation. <i>Journal of Hydrology</i> , 2016, 542, 222-230.	2.3	79
3048	Island groundwater resources, impacts of abstraction and a drying climate: Rottneest Island, Western Australia. <i>Journal of Hydrology</i> , 2016, 542, 704-718.	2.3	40
3049	A 2000-year leaf wax-based hydrogen isotope record from Southeast Asia suggests low frequency ENSO-like teleconnections on a centennial timescale. <i>Quaternary Science Reviews</i> , 2016, 148, 44-53.	1.4	25
3050	Lateâ€Pleistocene precipitation $\delta^{18}\text{O}$ interpolated across the global landmass. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3274-3288.	1.0	17
3052	Stable isotopes ( $\delta^{13}\text{C}$ DIC, $\delta\text{D}$ , $\delta^{18}\text{O}$ ) and geochemical characteristics of geothermal springs of Ladakh and Himachal (India): Evidence for CO <sub>2</sub> discharge in northwest Himalaya. <i>Geothermics</i> , 2016, 64, 314-330.	1.5	37
3053	Influence of Below-Cloud Evaporation on Deuterium Excess in Precipitation of Arid Central Asia and Its Meteorological Controls. <i>Journal of Hydrometeorology</i> , 2016, 17, 1973-1984.	0.7	89
3054	Tap water isotope ratios reflect urban water system structure and dynamics across a semiarid metropolitan area. <i>Water Resources Research</i> , 2016, 52, 5891-5910.	1.7	56
3055	The transfer of seasonal isotopic variability between precipitation and drip water at eight caves in the monsoon regions of China. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 183, 250-266.	1.6	92
3056	Holocene changes in monsoon precipitation in the Andes of NE Peru based on $\delta^{18}\text{O}$ speleothem records. <i>Quaternary Science Reviews</i> , 2016, 146, 274-287.	1.4	44
3057	Interannual controls on oxygen isotope variability in Asian monsoon precipitation and implications for paleoclimate reconstructions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8410-8428.	1.2	77
3058	What drives interannual variation in tree ring oxygen isotopes in the Amazon?. <i>Geophysical Research Letters</i> , 2016, 43, 11,831.	1.5	27
3059	Urban political ecology in late prehistory: New evidence from El Purgatorio, Peru. <i>Journal of Field Archaeology</i> , 2016, 41, 448-466.	0.7	1
3060	Tree growth acceleration and expansion of alpine forests: The synergistic effect of atmospheric and edaphic change. <i>Science Advances</i> , 2016, 2, e1501302.	4.7	74
3061	Seasonal and spatial variations of $\delta^{17}\text{O}$ excess and $\delta^{18}\text{O}$ excess in Antarctic precipitation: Insights from an intermediate complexity isotope model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 11,215.	1.2	24
3062	Mapping oxygen stable isotopes of precipitation in Italy. <i>Journal of Hydrology: Regional Studies</i> , 2016, 8, 162-181.	1.0	107
3063	Dynamic, structured heterogeneity of water isotopes inside hillslopes. <i>Water Resources Research</i> , 2016, 52, 164-189.	1.7	83
3064	Entropy analysis of stable isotopes in precipitation: tracing the monsoon systems in China. <i>Scientific Reports</i> , 2016, 6, 30389.	1.6	11
3065	Expansion and Contraction of the Indo-Pacific Tropical Rain Belt over the Last Three Millennia. <i>Scientific Reports</i> , 2016, 6, 34485.	1.6	60

#	ARTICLE	IF	CITATIONS
3066	$\delta^{18}\text{O}$ records in water vapor and an ice core from the eastern Pamir Plateau: Implications for paleoclimate reconstructions. <i>Earth and Planetary Science Letters</i> , 2016, 456, 146-156.	1.8	28
3067	Silicon isotope fractionation in rice and cucumber plants over a life cycle: Laboratory studies at different external silicon concentrations. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2829-2841.	1.3	10
3068	Synoptic variation of stable isotopes in precipitation and ground level vapour in a humid tropical region, Kerala, India. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	6
3069	Observational Research on Stable Isotopes in Precipitation over Indonesian Maritime Continent. <i>Journal of Japanese Association of Hydrological Sciences</i> , 2016, 46, 7-28.	0.2	8
3070	Hydrogen and Oxygen stable isotope analysis of water in fruits and vegetables by using cavity ring-down spectrometry. <i>Journal of Japanese Association of Hydrological Sciences</i> , 2016, 46, 157-166.	0.2	0
3071	Precipitation regime and stable isotopes at Dome Fuji, East Antarctica. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6883-6900.	1.9	24
3072	The quantitative evaluation of groundwater recharge rate using Displacement Flow Model with stable isotope ratio in the soil water of difference vegetation cover. <i>Journal of Groundwater Hydrology</i> , 2016, 58, 31-45.	0.1	4
3073	Precipitation and synoptic regime in two extreme years 2009 and 2010 at Dome C, Antarctica – implications for ice core interpretation. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4757-4770.	1.9	26
3074	Investigating the source, transport, and isotope composition of water vapor in the planetary boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 5139-5157.	1.9	29
3075	Continuous measurements of isotopic composition of water vapour on the East Antarctic Plateau. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8521-8538.	1.9	47
3076	Identification of Air Masses Responsible for Warm Events on the East Antarctic Coast. <i>Scientific Online Letters on the Atmosphere</i> , 2016, 12, 307-313.	0.6	7
3077	Characteristics of stable isotopes in precipitation at Kanto district, Fukushima City, Matsumoto City and Kyoto City – Variation of stable isotopes in precipitation due to climate change and prediction of its future –. <i>Journal of Japanese Association of Hydrological Sciences</i> , 2016, 46, 139-155.	0.2	2
3078	Determination of the interaction between groundwater and surface water using environmental isotopes (Oxygen-18, Deuterium and Tritium) and chemical analyses in Uluova Region, Elazig, Turkey. <i>Journal of Engineering Research</i> , 2016, 4, .	0.4	1
3079	Intraseasonal Variability of $\delta^{18}\text{O}$ of Precipitation over the Indonesian Maritime Continent Related to the Madden-Julian Oscillation. <i>Scientific Online Letters on the Atmosphere</i> , 2016, 12, 192-197.	0.6	10
3080	Summer rainfall over the southwestern Tibetan Plateau controlled by deep convection over the Indian subcontinent. <i>Nature Communications</i> , 2016, 7, 10925.	5.8	160
3081	Multi-scale Holocene Asian monsoon variability deduced from a twin-stalagmite record in southwestern China. <i>Quaternary Research</i> , 2016, 86, 34-44.	1.0	10
3082	Using Continuous Underway Isotope Measurements To Map Water Residence Time in Hydrodynamically Complex Tidal Environments. <i>Environmental Science &amp; Technology</i> , 2016, 50, 13387-13396.	4.6	27
3083	Water cycle and salinity dynamics in the mangrove forests of Europa and Juan de Nova Islands, southwest Indian Ocean. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 311-320.	0.7	10

#	ARTICLE	IF	CITATIONS
3084	Are the oxygen isotopic compositions of <i>Fitzroya cupressoides</i> and <i>Nothofagus pumilio</i> cellulose promising proxies for climate reconstructions in northern Patagonia?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 767-776.	1.3	21
3085	Recharge of low-arsenic aquifers tapped by community wells in Araihasar, Bangladesh, inferred from environmental isotopes. <i>Water Resources Research</i> , 2016, 52, 3324-3349.	1.7	19
3086	A long-term study of stable isotopes as tracers of processes governing water flow and quality in a lowland river basin: the upper Thames, UK. <i>Hydrological Processes</i> , 2016, 30, 2178-2195.	1.1	11
3087	Tropical West Pacific moisture dynamics and climate controls on rainfall isotopic ratios in southern Papua, Indonesia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2222-2245.	1.2	33
3088	The impact of an inverse climate-isotope relationship in soil water on the oxygen-isotope composition of <i>Larix gmelinii</i> in Siberia. <i>New Phytologist</i> , 2016, 209, 955-964.	3.5	50
3089	Small-mammal isotope ecology tracks climate and vegetation gradients across western North America. <i>Oikos</i> , 2016, 125, 1100-1109.	1.2	24
3090	Spatial patterns in the oxygen isotope composition of daily rainfall in the British Isles. <i>Climate Dynamics</i> , 2016, 47, 1971-1987.	1.7	20
3091	The investigation of fault-controlled groundwater recharge within a suburban area of Damascus, Syria. <i>Hydrogeology Journal</i> , 2016, 24, 1185-1197.	0.9	1
3092	Spatial and temporal characteristics of 2H and 18O in the basin of Dongting Lake: impact of monsoon precipitation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 479-490.	0.7	9
3093	Geochemistry of the Adige River water from the Eastern Alps to the Adriatic Sea (Italy): evidences for distinct hydrological components and water-rock interactions. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11677-11694.	2.7	18
3094	Influence of aquatic plants on the hydrogen isotope composition of sedimentary long-chain n-alkanes in the Lake Qinghai region, Qinghai-Tibet Plateau. <i>Science China Earth Sciences</i> , 2016, 59, 1368-1377.	2.3	25
3095	Tooth enamel stable isotopes of Holocene and Pleistocene fossil fauna reveal glacial and interglacial paleoenvironments of hominins in Indonesia. <i>Quaternary Science Reviews</i> , 2016, 144, 145-154.	1.4	31
3096	Effects of low-molecular-weight organic acids on the dissolution of hydroxyapatite nanoparticles. <i>Environmental Science: Nano</i> , 2016, 3, 768-779.	2.2	40
3097	Proportions of convective and stratiform precipitation revealed in water isotope ratios. <i>Nature Geoscience</i> , 2016, 9, 624-629.	5.4	217
3098	Investigating the long-term palaeoclimatic controls on the $\delta^2\text{H}$ and $\delta^{18}\text{O}$ of precipitation during the Holocene in the Indian and East Asian monsoonal regions. <i>Earth-Science Reviews</i> , 2016, 159, 292-305.	4.0	98
3099	Search for methane isotope fractionation due to Rayleigh distillation on Titan. <i>Icarus</i> , 2016, 275, 232-238.	1.1	2
3100	Influence of the Indian Ocean Dipole on tree-ring $\delta^{18}\text{O}$ of monsoonal Southeast Tibet. <i>Climatic Change</i> , 2016, 137, 217-230.	1.7	22
3101	Circulation background of climate patterns in the past millennium: Uncertainty analysis and re-reconstruction of ENSO-like state. <i>Science China Earth Sciences</i> , 2016, 59, 1225-1241.	2.3	58



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3102	Experimental determination and theoretical framework of kinetic fractionation at the water vapour–ice interface at low temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 54-69.	1.6	21
3103	Migration of trace elements from basalt substrate to co-located vegetation (lichens and mosses) at the Wudalianchi volcanos, Northeast China. <i>Journal of Asian Earth Sciences</i> , 2016, 118, 95-100.	1.0	6
3104	Stable isotope composition of bentonites from the Swiss and Bavarian Freshwater Molasse as a proxy for paleoprecipitation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 455, 53-64.	1.0	8
3105	Variations in the proportions of melted sea ice and runoff in surface waters of the Chukchi Sea: A retrospective analysis, 1990–2012, and analysis of the implications of melted sea ice in an under-ice bloom. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 130, 6-13.	0.6	12
3106	Baseline geochemical characterisation of a vulnerable tropical karstic aquifer; Lifou, New Caledonia. <i>Journal of Hydrology: Regional Studies</i> , 2016, 5, 114-130.	1.0	7
3107	Toiling with teeth: An integrated dental analysis of sheep and cattle dentition in Iron Age and Viking–Late Norse Orkney. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 837-855.	0.2	14
3108	Hydrochemical and isotopic ( $^2\text{H}$ , $^{18}\text{O}$ and $^{37}\text{Cl}$ ) constraints on evolution of geothermal water in coastal plain of Southwestern Guangdong Province, China. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 318, 45-54.	0.8	31
3109	Stable isotopes show resource partitioning among the early Late Miocene herbivore community at Rudabánya II: Paleoenvironmental implications for the hominoid, <i>Rudapithecus hungaricus</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 454, 161-174.	1.0	23
3110	Stable isotopic composition of fossil mammal teeth and environmental change in southwestern South Africa during the Pliocene and Pleistocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 457, 396-408.	1.0	26
3111	The potential role of sea ice melt in the distribution of chromophoric dissolved organic matter in the Chukchi and Beaufort Seas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 130, 28-42.	0.6	27
3112	A two-year automated dripwater chemistry study in a remote cave in the tropical south Pacific: Using $[\text{Cl}^-]$ as a conservative tracer for seasalt contribution of major cations. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 184, 289-310.	1.6	13
3113	Analysis of seasonal mobility of sheep in Iron Age Catalonia (north-eastern Spain) based on strontium and oxygen isotope analysis from tooth enamel: First results. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 828-836.	0.2	9
3114	Estimating the regional climate signal in a late Pleistocene and early Holocene lake-sediment $^{18}\text{O}$ record from Vermont, USA. <i>Quaternary Research</i> , 2016, 86, 67-78.	1.0	8
3115	Inconsistent relationships between major ions and water stable isotopes in Antarctic snow under different accumulation environments. <i>Polar Science</i> , 2016, 10, 1-10.	0.5	18
3116	Late Quaternary paleoenvironmental records from the Chatanika River valley near Fairbanks (Alaska). <i>Quaternary Science Reviews</i> , 2016, 147, 259-278.	1.4	32
3117	Geophysical and geochemical studies to delineate seawater intrusion in Bagoush area, Northwestern coast, Egypt. <i>Journal of African Earth Sciences</i> , 2016, 121, 365-381.	0.9	50
3118	Changes in northeast African hydrology and vegetation associated with Pliocene–Pleistocene sapropel cycles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150243.	1.8	22
3119	Intra-event isotope and raindrop size data of tropical rain reveal effects concealed by event averaged data. <i>Climate Dynamics</i> , 2016, 47, 981-987.	1.7	12

#	ARTICLE	IF	CITATIONS
3120	Hydrologic exchanges and baldcypress water use on deltaic hummocks, Louisiana, USA. <i>Ecohydrology</i> , 2016, 9, 1452-1463.	1.1	15
3121	Active layer hydrology in an arctic tundra ecosystem: quantifying water sources and cycling using water stable isotopes. <i>Hydrological Processes</i> , 2016, 30, 4972-4986.	1.1	68
3122	Stable isotopes in monsoon precipitation and water vapour in Nagqu, Tibet, and their implications for monsoon moisture. <i>Journal of Hydrology</i> , 2016, 540, 615-622.	2.3	36
3123	Strontium isotopes and mobility of a Columbian mammoth ( <i>Mammuthus columbi</i> ) population, Laguna de las Cruces, San Luis Potosí, México. <i>Geological Magazine</i> , 2016, 153, 743-749.	0.9	10
3124	Temperature and atmospheric CO <sub>2</sub> concentration estimates through the PETM using triple oxygen isotope analysis of mammalian bioapatite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7739-7744.	3.3	53
3125	Multi-scale Holocene Asian monsoon variability deduced from a twin-stalagmite record in southwestern China. <i>Quaternary Research</i> , 2016, 86, 34-44.	1.0	21
3126	An extended yardstick for climate variability. <i>Nature</i> , 2016, 534, 626-627.	13.7	2
3127	Sclerochronological analysis of archaeological mollusc assemblages: methods, applications and future prospects. <i>Archaeological and Anthropological Sciences</i> , 2016, 8, 359-379.	0.7	26
3128	Stable isotope signatures of seasonal precipitation on the Pacific coast of central Panama. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 128-140.	0.5	6
3129	An attempt to understand the behavior of dissolved organic carbon in coastal aquifers of Pondicherry region, South India. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	6
3130	Isotopic modeling of the sub-cloud evaporation effect in precipitation. <i>Science of the Total Environment</i> , 2016, 544, 1059-1072.	3.9	85
3131	Lake oxygen isotopes as recorders of North American Rocky Mountain hydroclimate: Holocene patterns and variability at multi-decadal to millennial time scales. <i>Global and Planetary Change</i> , 2016, 137, 131-148.	1.6	49
3132	Using stable isotopes to resolve transit times and travel routes of river water: a case study from southern Finland. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 380-392.	0.5	9
3133	Correlation of the seasonal isotopic amplitude of precipitation with annual evaporation and altitude in alpine regions. <i>Science of the Total Environment</i> , 2016, 550, 27-37.	3.9	13
3134	Periodicity analysis of $\delta^{18}O$ in precipitation over Central Europe: Time-frequency considerations of the isotopic temperature effect. <i>Journal of Hydrology</i> , 2016, 534, 150-163.	2.3	15
3135	Seasonal variations in the stable oxygen isotope ratio of wood cellulose reveal annual rings of trees in a Central Amazon terra firme forest. <i>Oecologia</i> , 2016, 180, 685-696.	0.9	25
3136	Galápagos hydroclimate of the Common Era from paired microalgal and mangrove biomarker $\delta^{2}H/\delta^{1}H$ values. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3476-3481.	3.3	36
3137	Geochemical evolution of clay pore water as an indicator for palaeoenvironmental variability in the Hebei Plain, northern China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	1

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3138	Turnover of hydrogen isotopes in lake sturgeon blood: implications for tracking movements of wild populations. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 592-602.	0.5	2
3139	Evolutions of water stable isotopes and the contributions of cryosphere to the alpine river on the Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	23
3140	Natural and anthropogenic variations in the Po river waters (northern Italy): insights from a multi-isotope approach. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 649-672.	0.5	16
3141	Studies on stable isotopic composition of daily rainfall from Kozhikode, Kerala, India. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 219-230.	0.5	12
3142	Snowmelt contribution to the sustainability of the irrigated Mendoza's Oasis, Argentina: an isotope study. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	10
3143	Hydrogeochemical and Isotopic Study of Groundwater in a Semi-arid Region: Yeniceoba Plain (Cihanbeyli-KONYA), Central Anatolia, Turkey. <i>Acta Geologica Sinica</i> , 2016, 90, 230-241.	0.8	4
3144	Towards understanding isotope variability in elephant ivory to establish isotopic profiling and source-area determination. <i>Biological Conservation</i> , 2016, 197, 154-163.	1.9	30
3145	Isotope amount effects in hydrologic and climate reconstructions of monsoon climates: Implications of some long-term data sets for precipitation. <i>Chemical Geology</i> , 2016, 430, 78-89.	1.4	48
3146	An isotopic generation: four decades of stable isotope analysis in African archaeology. <i>Azania</i> , 2016, 51, 88-114.	0.4	11
3147	Contribution of NAD 2D-NMR in liquid crystals to the determination of hydrogen isotope profile of methyl groups in miliacin. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 173, 337-351.	1.6	12
3148	Spatial and temporal characteristics of stable isotopes in the Tarim River Basin. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 281-297.	0.5	33
3149	Hydrochemical and isotopic characters of surface water in agricultural oases of the Tianshan Mountains, Northwest China. <i>Arid Land Research and Management</i> , 2016, 30, 37-48.	0.6	6
3150	Lattice Boltzmann simulation of water isotope fractionation during ice crystal growth in clouds. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 180, 271-283.	1.6	3
3151	Carbon and hydrogen isotopic effects of stomatal density in <i>Arabidopsis thaliana</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2016, 179, 275-286.	1.6	4
3152	Multiple water isotope proxy reconstruction of extremely low last glacial temperatures in Eastern Beringia (Western Arctic). <i>Quaternary Science Reviews</i> , 2016, 137, 113-125.	1.4	41
3153	Tracing the Seepage of Subsurface Sinkhole Vent Waters into Lake Huron Using Radium and Stable Isotopes of Oxygen and Hydrogen. <i>Aquatic Geochemistry</i> , 2016, 22, 349-374.	1.5	12
3154	Season of birth and sheep husbandry in late Roman and Medieval coastal Flanders: A pilot study using tooth enamel $\delta^{18}O$ analysis. <i>Environmental Archaeology</i> , 2016, 21, 260-270.	0.6	8
3155	Calibration of speleothem $\delta^{18}O$ records against hydroclimate instrumental records in Central Brazil. <i>Global and Planetary Change</i> , 2016, 139, 151-164.	1.6	27

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3156	Isoscapes of carbon and oxygen stable isotope compositions in tracing authenticity and geographical origin of Italian extra-virgin olive oils. <i>Food Chemistry</i> , 2016, 202, 291-301.	4.2	50
3157	Seasonal reproductive patterns of early domestic sheep at Tell Halula (PPNB, Middle Euphrates Valley): Evidence from sequential oxygen isotope analyses of tooth enamel. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 810-818.	0.2	13
3158	Comparative study of factors controlling the groundwater occurrence in Bir Kiseiba and Bir El Shab areas, south western desert, Egypt using hydrogeological and geophysical techniques. <i>Journal of African Earth Sciences</i> , 2016, 117, 183-195.	0.9	4
3159	Tracing water cycle in regulated basin using stable $^{18}\text{O}$ and $^2\text{H}$ isotopes: The Ebro river basin (Spain). <i>Chemical Geology</i> , 2016, 422, 71-81.	1.4	36
3160	Oxygen isotope perspective on crustal evolution on early Earth: A record of Precambrian shales with emphasis on Paleoproterozoic glaciations and Great Oxygenation Event. <i>Earth and Planetary Science Letters</i> , 2016, 437, 101-113.	1.8	62
3161	Hydroclimate variability in the Nile River Basin during the past 28,000 years. <i>Earth and Planetary Science Letters</i> , 2016, 438, 47-56.	1.8	61
3162	Glacial aridity in central Indonesia coeval with intensified monsoon circulation. <i>Earth and Planetary Science Letters</i> , 2016, 437, 15-24.	1.8	60
3163	Late Quaternary environmental change in the interior South American tropics: new insight from leaf wax stable isotopes. <i>Earth and Planetary Science Letters</i> , 2016, 438, 75-85.	1.8	30
3164	Geochemistry of buried river sediments from Ghaggar Plains, NW India: Multi-proxy records of variations in provenance, paleoclimate, and paleovegetation patterns in the Late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 85-100.	1.0	47
3165	Twentieth-century sea ice variability in the Weddell Sea and its effect on moisture transport: Evidence from a coastal East Antarctic ice core record. <i>Holocene</i> , 2016, 26, 338-349.	0.9	11
3166	Holocene ice-wedge polygon development in northern Yukon permafrost peatlands (Canada). <i>Quaternary Science Reviews</i> , 2016, 147, 279-297.	1.4	39
3167	Palaeotemperature reconstruction during the Last Glacial from $^{18}\text{O}$ of earthworm calcite granules from Nussloch loess sequence, Germany. <i>Earth and Planetary Science Letters</i> , 2016, 442, 13-20.	1.8	28
3168	A Middle Pleistocene intense monsoonal episode from the Kapthurin Formation, Kenya: Stable isotopic evidence from bovid teeth and pedogenic carbonates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 27-40.	1.0	7
3169	Constraints on the formation and diagenesis of phosphorites using carbonate clumped isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 181, 238-259.	1.6	18
3170	Spatial analysis of annual mean stable isotopes in precipitation across Japan based on an intensive observation period throughout 2013. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 353-362.	0.5	24
3171	Diet and Habitat for Six American Pleistocene Proboscidean Species Using Carbon and Oxygen Stable Isotopes. <i>Ameghiniana</i> , 2016, 53, 39-51.	0.3	18
3172	Stable isotope evidences on sources and mechanisms of groundwater recharge in Hohhot basin, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	9
3173	A deuterium-based labeling technique for the investigation of rooting depths, water uptake dynamics and unsaturated zone water transport in semiarid environments. <i>Journal of Hydrology</i> , 2016, 533, 627-643.	2.3	80

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3174	Impact of Source Region on the $\delta^{18}O$ Signal in Snow: A Case Study from Mount Wrangell, Alaska. <i>Journal of Hydrometeorology</i> , 2016, 17, 139-151.	0.7	4
3175	Plant wax $\delta D$ values record changing Eastern Mediterranean atmospheric circulation patterns during the 8.2 kyr B.P. climatic event. <i>Quaternary Science Reviews</i> , 2016, 133, 96-107.	1.4	27
3176	Semi-arid zone caves: Evaporation and hydrological controls on $\delta^{18}O$ drip water composition and implications for speleothem paleoclimate reconstructions. <i>Quaternary Science Reviews</i> , 2016, 131, 285-301.	1.4	40
3177	Combining stable hydrogen ( $\delta^2H$ ) isotopes and geolocation to assign Scaly-sided Mergansers to moult river catchments. <i>Journal of Ornithology</i> , 2016, 157, 663-669.	0.5	2
3178	Spatial and temporal variability of bacterial communities in high alpine water spring sediments. <i>Research in Microbiology</i> , 2016, 167, 325-333.	1.0	15
3179	Isotopic time series partitioning of streamflow components under regional climate change in the Urumqi River, northwest China. <i>Hydrological Sciences Journal</i> , 2016, 61, 1443-1459.	1.2	27
3180	Streamwater hydrograph separation in an alpine glacier area in the Qilian Mountains, northwestern China. <i>Hydrological Sciences Journal</i> , 2016, 61, 2399-2410.	1.2	10
3181	Contrasting water use pattern of introduced and native plants in an alpine desert ecosystem, Northeast Qinghai-Tibet Plateau, China. <i>Science of the Total Environment</i> , 2016, 542, 182-191.	3.9	107
3182	Investigations of the unsaturated zone at two radioactive waste disposal sites in Lithuania. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 544-552.	0.5	3
3184	Isotope Geochemistry of Groundwater from Fractured Dolomite Aquifers in Central Slovenia. <i>Aquatic Geochemistry</i> , 2016, 22, 131-151.	1.5	23
3185	Stable isotope paleoaltimetry and the evolution of landscapes and life. <i>Earth and Planetary Science Letters</i> , 2016, 433, 180-191.	1.8	66
3186	Hydrogeochemical and stable isotope data of groundwater of a multi-aquifer system: Northern Gafsa basin - Central Tunisia. <i>Journal of African Earth Sciences</i> , 2016, 114, 174-191.	0.9	89
3187	Pleistocene and Holocene palaeoclimates in the Gebel Akhdar (Libya) estimated using herbivore tooth enamel oxygen isotope compositions. <i>Quaternary International</i> , 2016, 404, 150-162.	0.7	12
3188	Lake Kumphawapi revisited - The complex climatic and environmental record of a tropical wetland in NE Thailand. <i>Holocene</i> , 2016, 26, 614-626.	0.9	22
3189	Global climate perturbations during the Permo-Triassic mass extinctions recorded by continental tetrapods from South Africa. <i>Gondwana Research</i> , 2016, 37, 384-396.	3.0	49
3190	McCall Glacier record of Arctic climate change: Interpreting a northern Alaska ice core with regional water isotopes. <i>Quaternary Science Reviews</i> , 2016, 131, 274-284.	1.4	35
3191	Short-term variability in the dates of the Indian monsoon onset and retreat on the southern and northern slopes of the central Himalayas as determined by precipitation stable isotopes. <i>Climate Dynamics</i> , 2016, 47, 159-172.	1.7	43
3192	Diet and habitat of <i>Mammuthus columbi</i> (Falconer, 1857) from two Late Pleistocene localities in central western Mexico. <i>Quaternary International</i> , 2016, 406, 137-146.	0.7	18

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3193	Origin of high ammonium, arsenic and boron concentrations in the proximity of a mine: Natural vs. anthropogenic processes. <i>Science of the Total Environment</i> , 2016, 541, 655-666.	3.9	31
3194	Characterization of Mixing Processes in the Confluence Zone between the Three Gorges Reservoir Mainstream and the Daning River Using Stable Isotope Analysis. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9907-9914.	4.6	37
3195	Lake isotope records of the 8200-year cooling event in western Ireland: Comparison with model simulations. <i>Quaternary Science Reviews</i> , 2016, 131, 341-349.	1.4	27
3196	Resolution-enhanced stable isotope profiles within the complete tooth rows of Late Pleistocene bisons (Middle Urals, Russia) as a record of their individual development and environmental changes. <i>Quaternary International</i> , 2016, 400, 212-226.	0.7	9
3197	Otoliths in archaeology: Methods, applications and future prospects. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 623-632.	0.2	32
3198	Validation of $\delta^{18}O$ as a proxy for past monsoon rain by multi-GCM simulations. <i>Climate Dynamics</i> , 2016, 46, 1371-1385.	1.7	42
3199	Regional nitrogen dynamics in the TERENO Bode River catchment, Germany, as constrained by stable isotope patterns. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 61-74.	0.5	19
3200	Shallow groundwater recharge mechanism and apparent age in the Ndop plain, northwest Cameroon. <i>Applied Water Science</i> , 2017, 7, 489-502.	2.8	17
3201	Calving seasonality at Pool, Orkney during the first millennium AD: an investigation using intra-tooth isotope ratio analysis of cattle molar enamel. <i>Environmental Archaeology</i> , 2017, 22, 40-55.	0.6	15
3202	The migration of Late Pleistocene reindeer: isotopic evidence from northern Europe. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 371-394.	0.7	35
3203	Principles and limitations of stable isotopes in differentiating organic and conventional foodstuffs: 2. Animal products. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 181-196.	5.4	21
3204	Precipitation stable isotope variability and subcloud evaporation processes in a semi-arid region. <i>Hydrological Processes</i> , 2017, 31, 20-34.	1.1	47
3205	Abundant climatic information in water stable isotope record from a maritime glacier on southeastern Tibetan Plateau. <i>Climate Dynamics</i> , 2017, 48, 1161-1171.	1.7	13
3206	Variation in stable isotope ratios of monthly rainfall in the Douala and Yaounde cities, Cameroon: local meteoric lines and relationship to regional precipitation cycle. <i>Applied Water Science</i> , 2017, 7, 2343-2356.	2.8	19
3207	Estimation of snow and glacier melt contribution to Liddar stream in a mountainous catchment, western Himalaya: an isotopic approach. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 18-35.	0.5	49
3208	Synoptic time-series surveys of precipitation $\delta^{18}O$ and its relationship with moisture sources in Yunnan, southwest China. <i>Quaternary International</i> , 2017, 440, 40-51.	0.7	15
3209	Highly negative oxygen isotopes in precipitation in southwest China and their significance in paleoclimatic studies. <i>Quaternary International</i> , 2017, 440, 64-71.	0.7	11
3210	The stable isotope record in cervid tooth enamel from Tantang Cave, Guangxi: Implications for the Quaternary East Asian monsoon. <i>Quaternary International</i> , 2017, 434, 156-162.	0.7	15

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3211	Isotopic composition in precipitation and groundwater in the northern mountainous region of the Central Valley of Costa Rica. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 1-17.	0.5	22
3212	Rainfall regimes of the Green Sahara. <i>Science Advances</i> , 2017, 3, e1601503.	4.7	231
3213	Constraining paleohydrologic change during the Paleocene-Eocene Thermal Maximum in the continental interior of North America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 465, 237-246.	1.0	24
3214	Stable hydrogen isotope values of lignin methoxyl groups of four tree species across Germany and their implication for temperature reconstruction. <i>Science of the Total Environment</i> , 2017, 579, 263-271.	3.9	14
3215	Gazelle seasonal mobility in the Jordanian steppe: The use of dental isotopes and microwear as environmental markers, applied to Epipalaeolithic Kharaneh IV. <i>Journal of Archaeological Science: Reports</i> , 2017, 11, 147-158.	0.2	23
3216	Record of Nile seasonality in Nubian neonates. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 223-242.	0.5	1
3217	Long-term stability of hydrogen isotope ratios in hydrated volcanic glass. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 200, 67-86.	1.6	25
3218	Variations in atmospheric concentrations and isotopic compositions of gaseous and particulate boron in Shizuoka City, Japan. <i>Atmospheric Environment</i> , 2017, 148, 376-381.	1.9	5
3219	An evaluation of paired $\delta^{18}O$ and $(^{234}U/^{238}U)_0$ in opal as a tool for paleoclimate reconstruction in semi-arid environments. <i>Chemical Geology</i> , 2017, 449, 236-252.	1.4	12
3220	Composition of freshwater in the spring of 2014 on the southern Labrador shelf and slope. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1102-1121.	1.0	13
3221	Hydrological and vegetation shifts in the Wallacean region of central Indonesia since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2017, 157, 152-163.	1.4	40
3222	Multiple proxy analyses of a U/Th-dated stalagmite to reconstruct paleoenvironmental changes in northwestern Madagascar between 370 CE and 1300 CE. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 469, 138-155.	1.0	43
3223	Magma reservoir dynamics at Toba caldera, Indonesia, recorded by oxygen isotope zoning in quartz. <i>Scientific Reports</i> , 2017, 7, 40624.	1.6	36
3224	Seasonal Transitions and the Westerly Jet in the Holocene East Asian Summer Monsoon. <i>Journal of Climate</i> , 2017, 30, 3343-3365.	1.2	72
3225	An insight into the western Pacific wintertime moisture sources using dual water vapor isotopes. <i>Journal of Hydrology</i> , 2017, 547, 111-123.	2.3	13
3226	Hydroclimate changes across the Amazon lowlands over the past 45,000 years. <i>Nature</i> , 2017, 541, 204-207.	13.7	263
3227	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. <i>Quaternary Science Reviews</i> , 2017, 158, 15-28.	1.4	124
3228	Evaluating the skills of isotope-enabled general circulation models against in situ atmospheric water vapor isotope observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 246-263.	1.2	54

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3229	Climate reconstruction using data assimilation of water isotope ratios from ice cores. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 1545-1568.	1.2	45
3230	Allogenic water recharge of groundwater in the Erenhot wasteland of northern China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 2015-2028.	0.7	7
3231	Influence of southwest monsoons in the Kashmir Valley, western Himalayas. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 400-412.	0.5	64
3232	Biomarkers in <i>Lake Van</i> sediments reveal dry conditions in eastern Anatolia during 110,000–10,000 years BP. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 571-583.	1.0	20
3233	Oxygen ( $\delta^{18}O$ ) and carbon ( $\delta^{13}C$ ) isotopic distinction in sequentially sampled tooth enamel of co-localized wild and domesticated caprines: Complications to establishing seasonality and mobility in herbivores. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 1-15.	1.0	48
3234	Driver of the interannual variations of isotope in ice core from the middle of Tibetan Plateau. <i>Atmospheric Research</i> , 2017, 188, 48-54.	1.8	24
3235	Hydrogeochemical and isotopic features of the groundwater flow systems in the central-northern part of Jeju Island (Republic of Korea). <i>Journal of Geochemical Exploration</i> , 2017, 175, 99-109.	1.5	6
3236	Stable oxygen isotope analysis confirms natural recruitment of Lake Michigan-origin lake trout ( <i>Salvelinus namaycush</i> ) to the adult life stage. <i>Fisheries Research</i> , 2017, 190, 15-23.	0.9	13
3237	Varying water utilization of <i>Haloxylon ammodendron</i> plantations in a desert-oasis ecotone. <i>Hydrological Processes</i> , 2017, 31, 825-835.	1.1	54
3238	Debates—Hypothesis testing in hydrology: Theory and practice. <i>Water Resources Research</i> , 2017, 53, 1792-1798.	1.7	45
3239	Stable isotopes, carbon-14 and hydrochemical composition from a basaltic aquifer in São Paulo State, Brazil. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	7
3240	Proboscidean isotopic compositions provide insight into ancient humans and their environments. <i>Quaternary International</i> , 2017, 443, 147-159.	0.7	14
3241	Spatial variability in the isotopic composition of rainfall in a small headwater catchment and its effect on hydrograph separation. <i>Journal of Hydrology</i> , 2017, 547, 755-769.	2.3	52
3242	Isotopic spatial variations and isotopic effects of two heavy summer precipitation events across Beijing. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 2069-2078.	0.7	4
3243	Using stable isotopes ( $\delta^{17}O$ , $\delta^{18}O$ and $\delta^2H$ ) of gypsum hydration water to ascertain the role of water condensation in the formation of subaerial gypsum speleothems. <i>Chemical Geology</i> , 2017, 452, 34-46.	1.4	27
3244	In situ monitoring of H and O stable isotopes in soil water reveals ecohydrologic dynamics in managed soil systems. <i>Ecohydrology</i> , 2017, 10, e1841.	1.1	84
3245	Controls of precipitation $\delta^{18}O$ on the northwestern Tibetan Plateau: A case study at Ngari station. <i>Atmospheric Research</i> , 2017, 189, 141-151.	1.8	41
3246	Divergence of stable isotopes in tap water across China. <i>Scientific Reports</i> , 2017, 7, 43653.	1.6	30



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3247	The influence of lithology on surface water sources. <i>Hydrological Processes</i> , 2017, 31, 1913-1925.	1.1	11
3248	The effect of moisture source and synoptic conditions on precipitation isotopes in arid central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2667-2682.	1.2	89
3249	Stable isotopic evolutions of ground ice in permafrost of the Hoh Xil regions on the Qinghai-Tibet Plateau. <i>Quaternary International</i> , 2017, 444, 182-190.	0.7	13
3250	$2\text{H}/1\text{H}$ fractionation in lipids of the mangrove <i>Bruguiera gymnorhiza</i> increases with salinity in marine lakes of Palau. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 204, 300-312.	1.6	16
3251	Differences in groundwater and chloride residence times in saline groundwater: The Barwon River Catchment of Southeast Australia. <i>Chemical Geology</i> , 2017, 451, 154-168.	1.4	8
3252	Microbial alteration of the hydrogen and carbon isotopic composition of n-alkanes in sediments. <i>Organic Geochemistry</i> , 2017, 107, 1-8.	0.9	43
3253	Estimation of groundwater recharge in sedimentary rock aquifer systems in the Oti basin of Gushiegu District, Northern Ghana. <i>Journal of African Earth Sciences</i> , 2017, 131, 272-283.	0.9	12
3254	Geostatistical analysis and isoscape of ice core derived water stable isotope records in an Antarctic macro region. <i>Polar Science</i> , 2017, 13, 23-32.	0.5	28
3255	River recharge sources and the partitioning of catchment evapotranspiration fluxes as revealed by stable isotope signals in a typical high-elevation arid catchment. <i>Journal of Hydrology</i> , 2017, 549, 616-630.	2.3	29
3256	New insights into the subsistence economy of the Eneolithic Dereivka culture of the Ukrainian North-Pontic region through lipid residues analysis of pottery vessels. <i>Journal of Archaeological Science: Reports</i> , 2017, 13, 67-74.	0.2	26
3257	Characterizing the Qinghai Lake watershed using oxygen-18 and deuterium stable isotopes. <i>Journal of Great Lakes Research</i> , 2017, 43, 33-42.	0.8	19
3258	Northeast Siberian ice wedges confirm Arctic winter warming over the past two millennia. <i>Holocene</i> , 2017, 27, 1789-1796.	0.9	22
3259	Laboratory measurements of $\text{HDO}/\text{H}_2\text{O}$ isotopic fractionation during ice deposition in simulated cirrus clouds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5612-5617.	3.3	38
3260	Seasonal variability in Northern Hemisphere atmospheric circulation during the Medieval Climate Anomaly and the Little Ice Age. <i>Quaternary Science Reviews</i> , 2017, 165, 102-110.	1.4	18
3261	Deviant burials and social identity in a postmedieval Polish cemetery: An analysis of stable oxygen and carbon isotopes from the "vampires" of Drawsko. <i>American Journal of Physical Anthropology</i> , 2017, 163, 741-758.	2.1	9
3262	Animal husbandry in the Early and Middle Neolithic settlement at Kopydłowo in the Polish lowlands. A multi-isotope perspective. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1461-1479.	0.7	6
3263	Geothermal potential evaluation and development prioritization based on geochemistry of geothermal waters from Kangding area, western Sichuan, China. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	26
3264	Controls over spatial and seasonal variations on isotopic composition of the precipitation along the central and eastern portion of Brazil. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 518-538.	0.5	22

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3265	Ancient Feeding Ecology and Niche Differentiation of Pleistocene Horses. The Latin American Studies Book Series, 2017, , 101-118.	0.1	0
3266	Fossil Horses of South America. The Latin American Studies Book Series, 2017, , .	0.1	15
3267	Triple oxygen isotope systematics of structurally bonded water in gypsum. Geochimica Et Cosmochimica Acta, 2017, 209, 254-266.	1.6	29
3268	Stable isotopes in surface waters of the Atlantic Ocean: Indicators of ocean-atmosphere water fluxes and oceanic mixing processes. Journal of Geophysical Research: Oceans, 2017, 122, 4723-4742.	1.0	32
3269	Holocene climatic change in the Alaskan Arctic as inferred from oxygen-isotope and lake-sediment analyses at Wahoo Lake. Holocene, 2017, 27, 1631-1644.	0.9	6
3270	Tropical precipitation anomalies and $\delta^{18}O$ -excess evolution during El Niño 2014-16. Hydrological Processes, 2017, 31, 956-967.	1.1	44
3271	Recharge source identification using isotope analysis and groundwater flow modeling for Puri city in India. Applied Water Science, 2017, 7, 3583-3598.	2.8	8
3272	A speleothem-based mid-Holocene precipitation reconstruction for West-Central Florida. Holocene, 2017, 27, 987-996.	0.9	7
3273	Geographic origins of a War of 1812 skeletal sample integrating oxygen and strontium isotopes with GIS-based multi-criteria evaluation analysis. Journal of Archaeological Science: Reports, 2017, 14, 323-331.	0.2	6
3274	Spatial and temporal variations of stable isotopes in precipitation in midlatitude coastal regions. Hydrological Processes, 2017, 31, 3029-3044.	1.1	14
3275	Oxygen isotope fractionation between bird bone phosphate and drinking water. Die Naturwissenschaften, 2017, 104, 47.	0.6	9
3276	Isotopes and hydrochemistry of Daihai Lake recharging sources, Northern China. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 615-629.	0.7	12
3277	Miocene (Burdigalian) seawater and air temperatures estimated from the geochemistry of fossil remains from the Aquitaine Basin, France. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 481, 14-28.	1.0	8
3278	Increasing carbon discrimination rates and depth of water uptake favor the growth of Mediterranean evergreen trees in the ecotone with temperate deciduous forests. Global Change Biology, 2017, 23, 5054-5068.	4.2	30
3279	Detecting shifts in tropical moisture imbalances with satellite-derived isotope ratios in water vapor. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5763-5779.	1.2	19
3280	Early last glacial intra-interstadial climate variability recorded in a Sardinian speleothem. Quaternary Science Reviews, 2017, 169, 391-397.	1.4	27
3281	Recent enhancement of central Pacific El Niño variability relative to last eight centuries. Nature Communications, 2017, 8, 15386.	5.8	126
3282	Stable isotopes and discriminating tastes: Faunal management practices at the Late Bronze Age settlement of Mycenae, Greece. Journal of Archaeological Science: Reports, 2017, 14, 116-126.	0.2	6

#	ARTICLE	IF	CITATIONS
3283	Sources of groundwater salinity and potential impact on arsenic mobility in the western Hetao Basin, Inner Mongolia. <i>Science of the Total Environment</i> , 2017, 601-602, 691-702.	3.9	80
3284	Influence of a dual monsoon system and two sources of groundwater recharge on Kofu basin alluvial fans, Japan. <i>Hydrology Research</i> , 2017, 48, 1071-1087.	1.1	8
3285	Geochemical and stable isotope characteristics of urban heavy rain in the downtown of Tokyo, Japan. <i>Atmospheric Research</i> , 2017, 194, 109-118.	1.8	12
3287	Geochemical identity of pre-Dogon and Dogon populations at Bandiagara (Mali, 11th–20th cent. AD). <i>Journal of Archaeological Science: Reports</i> , 2017, 14, 289-301.	0.2	5
3288	Calibration of hydroclimate proxies in freshwater bivalve shells from Central and West Africa. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 208, 41-62.	1.6	32
3289	Tracking climate change in oligotrophic mountain lakes: Recent hydrology and productivity synergies in Lago de Sanabria (NW Iberian Peninsula). <i>Science of the Total Environment</i> , 2017, 590-591, 579-591.	3.9	5
3290	Evaluating the hydrological and hydrochemical responses of a High Arctic catchment during an exceptionally warm summer. <i>Hydrological Processes</i> , 2017, 31, 2296-2313.	1.1	39
3291	A comparative study in tritium in precipitation in four Chinese cities with different climate regimes. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	6
3292	Reconstructing the lives of Wari elites: Paleomobility and paleodiet at the archaeological site of Castillo de Huarmey, Peru. <i>Journal of Archaeological Science: Reports</i> , 2017, 13, 249-264.	0.2	8
3293	Changes of $^2\text{H}$ and $^{18}\text{O}$ abundances in water treated with non-thermal atmospheric pressure plasma jet. <i>Plasma Processes and Polymers</i> , 2017, 14, 1600239.	1.6	6
3294	Determining the population affinity of an unprovenienced human skull for repatriation. <i>Journal of Archaeological Science: Reports</i> , 2017, 12, 384-394.	0.2	12
3295	Sequential $^{13}\text{C}$ and $^{18}\text{O}$ analyses of early Holocene bovid tooth enamel: Resolving vertical transhumance in Neolithic domesticated sheep and goats. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 16-29.	1.0	37
3296	Nonrainfall water origins and formation mechanisms. <i>Science Advances</i> , 2017, 3, e1603131.	4.7	79
3297	Isotope evidence for quantifying river evaporation and recharge processes in the lower reaches of the Yellow River. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	19
3298	Influence of the Indian monsoon and the subtropical jet on climate change on the Tibetan Plateau since the late Pleistocene. <i>Quaternary Science Reviews</i> , 2017, 163, 84-94.	1.4	102
3299	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
3300	Human skeletal development and feeding behavior: the impact on oxygen isotopes. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1453-1459.	0.7	28
3301	Spatial and temporal variation in the stable isotope composition ( $^{18}\text{O}$ and $^2\text{H}$ ) of rain across the tropical island of Sri Lanka. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 628-645.	0.5	20

#	ARTICLE	IF	CITATIONS
3302	Helium evidences for mantle degassing in the groundwater of Madeira Island “ Portugal. Applied Geochemistry, 2017, 81, 98-108.	1.4	4
3303	$\delta^{18}O$ and $\delta^2H$ characteristics of rainwater, groundwater and springs in a mountainous region of Ghana: implication with respect to groundwater recharge and circulation. Sustainable Water Resources Management, 2017, 3, 413-429.	1.0	8
3304	Oxygen stable isotopes variation in water precipitation in Poland “ anthropological applications. Anthropological Review, 2017, 80, 57-70.	0.2	2
3305	A study of clay pore water and sporopollens for characterizing paleoenvironments in the Hebei Plain, Northern China. Journal of Asian Earth Sciences, 2017, 143, 1-10.	1.0	3
3306	Hydrogen isotope fractionation of leaf wax n-alkanes in southern African soils. Organic Geochemistry, 2017, 109, 1-13.	0.9	37
3307	Prominent features in isotopic, chemical and dust stratigraphies from coastal East Antarctic ice sheet (Eastern Wilkes Land). Chemosphere, 2017, 176, 273-287.	4.2	24
3308	Scaling effects of riparian peatlands on stable isotopes in runoff and DOC mobilisation. Journal of Hydrology, 2017, 549, 220-235.	2.3	28
3309	A high-resolution history of the South American Monsoon from Last Glacial Maximum to the Holocene. Scientific Reports, 2017, 7, 44267.	1.6	117
3310	Stable water isotopes and large-scale vertical motions in the tropics. Journal of Geophysical Research D: Atmospheres, 2017, 122, 3703-3717.	1.2	28
3311	A 16-ka oxygen-isotope record from Genggahai Lake on the northeastern Qinghai-Tibetan Plateau: Hydroclimatic evolution and changes in atmospheric circulation. Quaternary Science Reviews, 2017, 162, 72-87.	1.4	51
3312	Sources of monsoon precipitation and dew assessed in a semiarid area via stable isotopes. Hydrological Processes, 2017, 31, 1990-1999.	1.1	4
3313	Isotopes to assess sustainability of overexploited groundwater in the Souss “ Massa system (Morocco). Isotopes in Environmental and Health Studies, 2017, 53, 298-312.	0.5	17
3314	Oxygen, deuterium, and strontium isotope characteristics of the Indus River water system. Geomorphology, 2017, 284, 5-16.	1.1	31
3315	Spatial distribution and controlling factors of stable isotopes in meteoric waters on the Tibetan Plateau: Implications for paleoelevation reconstruction. Earth and Planetary Science Letters, 2017, 460, 302-314.	1.8	98
3316	Pliocene “ Early Pleistocene climatic trends in the Italian Peninsula based on stable oxygen and carbon isotope compositions of rhinoceros and gomphothere tooth enamel. Quaternary Science Reviews, 2017, 157, 52-65.	1.4	9
3317	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. Journal of Hydrology, 2017, 545, 132-144.	2.3	33
3318	Isotopic characterization of cave environments at varying altitudes on the eastern Adriatic coast (Croatia) “ Implications for future speleothem-based studies. Journal of Hydrology, 2017, 545, 367-380.	2.3	11
3319	The hydrothermal system of Cerro Mach “ volcano (Colombia): New magmatic signals observed during 2011 “ 2013. Chemical Geology, 2017, 469, 60-68.	1.4	13

#	ARTICLE	IF	CITATIONS
3320	Water isotope diffusion in the WAIS Divide ice core during the Holocene and last glacial. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 290-309.	1.0	33
3321	Carbon and oxygen isotopic evidence for diets, environments and niche differentiation of early Pleistocene pandas and associated mammals in South China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 468, 351-361.	1.0	29
3322	Characteristics of soil water movement in a grass slope in a karst peak-cluster region, China. <i>Hydrological Processes</i> , 2017, 31, 1331-1348.	1.1	9
3323	Application of environmental isotope to assess the renewability of groundwater of continental intercalaire aquifer of Sokoto Basin in Northwestern Nigeria. <i>Groundwater for Sustainable Development</i> , 2017, 4, 35-41.	2.3	11
3324	Enhanced Oxygen Isotope Determination in Uranium Oxides Using BrF <sub>5</sub> Fluorination. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 397-409.	1.7	4
3325	Stable isotope hydrology in fractured and detritic aquifers at both sides of the South Atlantic Ocean: Mar del Plata (Argentina) and the Rawsonville and Sandspruit river catchment areas (South Africa). <i>Journal of South American Earth Sciences</i> , 2017, 73, 119-129.	0.6	3
3326	Correlation-based interpretations of paleoclimate data “ where statistics meet past climates. <i>Earth and Planetary Science Letters</i> , 2017, 459, 362-371.	1.8	56
3327	Hydrogen and oxygen stable isotope signatures of goethite hydration waters by thermogravimetry-enabled laser spectroscopy. <i>Chemical Geology</i> , 2017, 475, 14-23.	1.4	17
3328	An 8,600 year lacustrine record of summer monsoon variability from Yunnan, China. <i>Quaternary Science Reviews</i> , 2017, 174, 120-132.	1.4	39
3329	Seasonal-scale Dating of a Shallow Ice Core From Greenland Using Oxygen Isotope Matching Between Data and Simulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10,873.	1.2	21
3330	Geochemical fingerprints of climate variation and the extreme La Niña 2010-11 as recorded in a <i>Tridacna squamosa</i> shell from Sulawesi, Indonesia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 487, 216-228.	1.0	17
3331	An isotopic investigation into the origins and husbandry of Mid-Late Bronze Age cattle from Grimes Graves, Norfolk. <i>Journal of Archaeological Science: Reports</i> , 2017, 15, 59-72.	0.2	7
3332	Seasonal changes in background levels of deuterium and oxygen-18 proves water drinking by harp seals, which affects the use of the DLW method. <i>Journal of Experimental Biology</i> , 2017, 220, 4450-4455.	0.8	2
3333	Evaluating climate signal recorded in tree-ring $\delta^{13}C$ and $\delta^{18}O$ values from bulk wood and cellulose for six species across four sites in the northeastern US. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 2081-2091.	0.7	16
3334	A stable isotope record of Holocene precipitation dynamics in the Baltic region from Lake Nuudsaku, Estonia. <i>Quaternary Science Reviews</i> , 2017, 175, 73-84.	1.4	14
3335	Detecting the relationship between moisture changes in arid central Asia and East Asia during the Holocene by model-proxy comparison. <i>Quaternary Science Reviews</i> , 2017, 176, 36-50.	1.4	54
3336	Estimation of the Isotopic Composition and Origins of Winter Precipitation Over Japan Using a Regional Isotope Circulation Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,621.	1.2	12
3337	Last glacial and Holocene stable isotope record of fossil dripwater from subtropical Brazil based on analysis of fluid inclusions in stalagmites. <i>Chemical Geology</i> , 2017, 468, 84-96.	1.4	9

#	ARTICLE	IF	CITATIONS
3338	Plant Water $\delta^2\text{H}$ and $\delta^{18}\text{O}$ of Tundra Species from West Greenland. <i>Arctic, Antarctic, and Alpine Research</i> , 2017, 49, 341-358.	0.4	17
3339	Evidence for higher-than-average air temperatures after the 8.2 ka event provided by a Central European $\delta^{18}\text{O}$ record. <i>Quaternary Science Reviews</i> , 2017, 172, 96-108.	1.4	14
3340	Hydrogen isotope ratios of moss cellulose and source water in wetlands of Lake Superior, United States reveal their potential for quantitative paleoclimatic reconstructions. <i>Chemical Geology</i> , 2017, 468, 75-83.	1.4	11
3341	Stable isotope and aquatic geochemistry of a typical subtropical karst subterranean stream in southwest China. <i>Carbonates and Evaporites</i> , 2017, 32, 415-430.	0.4	5
3342	Assessing the ecohydrological separation hypothesis and seasonal variations in water use by <i>Ginkgo biloba</i> L. in a subtropical riparian area. <i>Journal of Hydrology</i> , 2017, 553, 486-500.	2.3	29
3343	Discharge and environmental isotope behaviours of adjacent fractured and porous aquifers. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	14
3344	Evaluating the sensitivity of glacier to climate by using stable water isotopes and remote sensing. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	31
3345	The isotopic composition of near-surface water vapor at the Maïdo observatory (Reunion Island). <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9628-9650.	1.2	23
3346	Paleoenvironmental dynamics in South Amazonia, Brazil, during the last 35,000 years inferred from pollen and geochemical records of Lago do Saci. <i>Quaternary Science Reviews</i> , 2017, 173, 161-180.	1.4	53
3347	Stable isotopes evidence of recycled subduction fluids in the hydrothermal/volcanic activity across Nicaragua and Costa Rica. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 345, 172-183.	0.8	6
3348	Vertical transhumance of sheep and goats identified by intra-tooth sequential carbon ( $\delta^{13}\text{C}$ ) and oxygen ( $\delta^{18}\text{O}$ ) isotopic analyses: Evidence from Chalcolithic Karayak, central Turkey. <i>Journal of Archaeological Science</i> , 2017, 86, 68-80.	1.2	40
3349	Impacts of Recent Warming and the 2015/2016 El Niño on Tropical Peruvian Ice Fields. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,688.	1.2	18
3350	Warming and wetting climate during last century revealed by an ice core in northwest Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 487, 270-277.	1.0	17
3351	Geospatial drivers of the groundwater $\delta^{18}\text{O}$ isoscape in a temperate maritime climate (Republic of Tj ETQq1 1 0.784314 rgBT /Overlo	2.3	11
3352	Regional Holocene climate and landscape changes recorded in the large subarctic lake Tornetrask, N Fennoscandia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 487, 1-14.	1.0	9
3353	Influence of forest and shrub canopies on precipitation partitioning and isotopic signatures. <i>Hydrological Processes</i> , 2017, 31, 4282-4296.	1.1	32
3354	Climatic and in-cave influences on $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ in a stalagmite from northeastern India through the last deglaciation. <i>Quaternary Research</i> , 2017, 88, 458-471.	1.0	32
3355	Precipitation stable isotope records from the northern Hengduan Mountains in China capture signals of the winter India-Burma Trough and the Indian Summer Monsoon. <i>Earth and Planetary Science Letters</i> , 2017, 477, 123-133.	1.8	27

#	ARTICLE	IF	CITATIONS
3356	Multi-year impacts of permafrost disturbance and thermal perturbation on High Arctic stream chemistry. <i>Arctic Science</i> , 2017, 3, 254-276.	0.9	18
3357	Rainforest-initiated wet season onset over the southern Amazon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8481-8486.	3.3	183
3358	The global monsoon across time scales: Mechanisms and outstanding issues. <i>Earth-Science Reviews</i> , 2017, 174, 84-121.	4.0	290
3359	Warm season precipitation signal in $\delta^{13}C$ values of wood lignin methoxyl groups from high elevation larch trees in Switzerland. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1589-1598.	0.7	13
3360	Chemostratigraphy of the Ediacaran basinal setting on the Yangtze platform, South China: Oceanographic and diagenetic aspects of the carbon isotopic depth gradient. <i>Island Arc</i> , 2017, 26, e12196.	0.5	9
3361	Oxygen and hydrogen isotopic characterization of rainfall and throughfall in four South Korean cool temperate forests. <i>Hydrological Sciences Journal</i> , 2017, 62, 2025-2034.	1.2	10
3362	Groundwater isoscapes in a montane headwater catchment show dominance of well-mixed storage. <i>Hydrological Processes</i> , 2017, 31, 3504-3519.	1.1	27
3363	Inter-comparison of salt effect correction for $\delta^{18}O$ and $\delta^2H$ measurements in seawater by CRDS and IRMS using the gas-H <sub>2</sub> O equilibration method. <i>Marine Chemistry</i> , 2017, 194, 114-123.	0.9	17
3364	Identifying and quantifying geochemical and mixing processes in the Matanza-Riachuelo Aquifer System, Argentina. <i>Science of the Total Environment</i> , 2017, 599-600, 1417-1432.	3.9	30
3365	Recently forming stalagmites from the Baradla Cave and their suitability assessment for climate-proxy relationships. <i>Central European Geology</i> , 2017, 60, 1-34.	0.4	16
3366	Photochemistry on Pluto: part II HCN and nitrogen isotope fractionation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 118-128.	1.6	38
3367	The East Asian summer monsoon variability over the last 145 years inferred from the Shihua Cave record, North China. <i>Scientific Reports</i> , 2017, 7, 7078.	1.6	44
3368	Hydrological and ecological changes in western Europe between 3200 and 2000 years BP derived from lipid biomarker $\delta^{13}C$ values in lake Meerfelder Maar sediments. <i>Quaternary Science Reviews</i> , 2017, 172, 44-54.	1.4	16
3369	Surface studies of water isotopes in Antarctica for quantitative interpretation of deep ice core data. <i>Comptes Rendus - Geoscience</i> , 2017, 349, 139-150.	0.4	17
3370	Interannual trends in stable oxygen isotope composition in precipitation of China during 1979-2007: Spatial incoherence. <i>Quaternary International</i> , 2017, 454, 25-37.	0.7	5
3371	No influence of CO <sub>2</sub> on stable isotope analyses of soil waters with off-axis integrated cavity output spectroscopy (OA-ICOS). <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 430-436.	0.7	15
3372	Environmental controls on stable isotopes of precipitation in Lanzhou, China: An enhanced network at city scale. <i>Science of the Total Environment</i> , 2017, 609, 1013-1022.	3.9	27
3373	ENSO variability reflected in precipitation oxygen isotopes across the Asian Summer Monsoon region. <i>Earth and Planetary Science Letters</i> , 2017, 475, 25-33.	1.8	93

#	ARTICLE	IF	CITATIONS
3374	Reassessing the role of temperature in precipitation oxygen isotopes across the eastern and central United States through weekly precipitation daily data. <i>Water Resources Research</i> , 2017, 53, 7644-7661.	1.7	18
3375	Moisture source signals preserved in a 242-year tree-ring $\delta^{18}\text{O}$ chronology in the western Himalaya. <i>Global and Planetary Change</i> , 2017, 157, 73-82.	1.6	51
3376	Seasonality of stable isotope composition of atmospheric water input at the southern slopes of Mt. Kilimanjaro, Tanzania. <i>Hydrological Processes</i> , 2017, 31, 3932-3947.	1.1	32
3377	Hydrological and associated biogeochemical consequences of rapid global warming during the Paleocene-Eocene Thermal Maximum. <i>Global and Planetary Change</i> , 2017, 157, 114-138.	1.6	119
3378	Moisture source diagnostics and isotope characteristics for precipitation in east Hungary: implications for their relationship. <i>Hydrological Sciences Journal</i> , 2017, 62, 2049-2060.	1.2	25
3379	A stable relationship: isotopes and bioarchaeology are in it for the long haul. <i>Antiquity</i> , 2017, 91, 853-864.	0.5	28
3380	A groundwater salinity hotspot and its connection to an intermittent stream identified by environmental tracers (Mt Lofty Ranges, South Australia). <i>Hydrogeology Journal</i> , 2017, 25, 2435-2451.	0.9	4
3381	Reconstruction of Indian monsoon precipitation variability between 4.0 and 1.6 ka BP using speleothem $\delta^{18}\text{O}$ records from the Central Lesser Himalaya, India. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	19
3382	Use of stable isotopes to understand runoff generation processes in the Rued River Delta. <i>Hydrological Processes</i> , 2017, 31, 3827-3843.	1.1	9
3383	Evaporation fractionation in a peatland drainage network affects stream water isotope composition. <i>Water Resources Research</i> , 2017, 53, 851-866.	1.7	92
3384	Estimation of snow and glacial melt contribution through stable isotopes and assessment of its impact on river morphology through stream power approach in two Himalayan river basins. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	12
3385	Isotope fingerprinting of precipitation associated with western disturbances and Indian summer monsoons across the Himalayas. <i>Journal of Earth System Science</i> , 2017, 126, 1.	0.6	41
3386	Movement of lateral hyporheic flow between stream and groundwater. <i>Science China Earth Sciences</i> , 2017, 60, 2033-2040.	2.3	3
3387	Application of environmental isotopes and hydrochemistry in the identification of source of seepage and likely connection with lake water in Lesser Himalaya, Uttarakhand, India. <i>Journal of Earth System Science</i> , 2017, 126, 1.	0.6	5
3388	The Impact of Nonequilibrium and Equilibrium Fractionation on Two Different Deuterium Excess Definitions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,732.	1.2	27
3389	Quantification and characterization of the dynamics of spring and stream water systems in the Berchtesgaden Alps with a long-term stable isotope dataset. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	11
3390	1000-Year Quasi-Periodicity of Weak Monsoon Events in Temperate Northeast Asia since the Mid-Holocene. <i>Scientific Reports</i> , 2017, 7, 15196.	1.6	24
3391	Episodic runoff generation at Central European headwater catchments studied using water isotope concentration signals. <i>Journal of Hydrology and Hydromechanics</i> , 2017, 65, 114-122.	0.7	10



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3392	Using stable isotopes to understand seasonal and interannual dynamics in moisture sources and atmospheric circulation in precipitation. <i>Hydrological Processes</i> , 2017, 31, 4682-4692.	1.1	22
3393	Stable isotopes of river water and groundwater along altitudinal gradients in the High Himalayas and the Eastern Nyainqentanghla Mountains. <i>Journal of Hydrology: Regional Studies</i> , 2017, 14, 37-48.	1.0	21
3394	Hydrogen isotope fractionation in leaf waxes in the Alaskan Arctic tundra. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 216-236.	1.6	60
3395	Silicon Isotope Fractionation in Maize and its Biogeochemical Significance. <i>Analytical Letters</i> , 2017, 50, 2475-2490.	1.0	8
3396	Indian summer monsoon variability in southern India during the last deglaciation: Evidence from a high resolution stalagmite $\delta^{18}O$ record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 476-485.	1.0	10
3397	D/H of late Miocene meteoric waters in Western Australia: Paleoenvironmental conditions inferred from the $\delta D$ of (U-Th)/He-dated CID goethite. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 110-136.	1.6	8
3398	A 5500-year oxygen isotope record of high arctic environmental change from southern Spitsbergen. <i>Holocene</i> , 2017, 27, 1948-1962.	0.9	11
3399	The origin of geothermal waters in Morocco: Multiple isotope tracers for delineating sources of water-rock interactions. <i>Applied Geochemistry</i> , 2017, 84, 244-253.	1.4	23
3400	H and O isotopic differences in typhon and urban-induced heavy rain in Tokyo. <i>Environmental Chemistry Letters</i> , 2017, 15, 739-745.	8.3	6
3401	Slow reception and under-citedness in climate change research: A case study of Charles David Keeling, discoverer of the risk of global warming. <i>Scientometrics</i> , 2017, 112, 1079-1092.	1.6	6
3402	Original isotopic composition of water in precipitation by different methods. <i>Applied Water Science</i> , 2017, 7, 3385-3390.	2.8	3
3403	Hydroclimate reconstruction in central Japan over the past four centuries from tree-ring cellulose $\delta^{18}O$ . <i>Quaternary International</i> , 2017, 455, 1-7.	0.7	10
3404	The influence of oxygen isotope exchange between CO <sub>2</sub> and H <sub>2</sub> O in natural CO <sub>2</sub> -rich spring waters: Implications for geothermometry. <i>Applied Geochemistry</i> , 2017, 84, 173-186.	1.4	47
3405	A high-resolution hydrogen isotope record of behenic acid for the past 16 kyr in the northeastern United States. <i>Quaternary International</i> , 2017, 449, 1-11.	0.7	5
3406	Hydrochemical and isotopic characteristics of groundwater in the northeastern Tennger Desert, northern China. <i>Hydrogeology Journal</i> , 2017, 25, 2363-2375.	0.9	45
3407	Holocene temperatures and isotopes of precipitation in Northwest Greenland recorded in lacustrine organic materials. <i>Quaternary Science Reviews</i> , 2017, 170, 45-55.	1.4	59
3408	Unraveling of permafrost hydrological variabilities on Central Qinghai-Tibet Plateau using stable isotopic technique. <i>Science of the Total Environment</i> , 2017, 605-606, 199-210.	3.9	31
3409	Using isotope methods to study alpine headwater regions in the Northern Caucasus and Tien Shan. <i>Frontiers of Earth Science</i> , 2017, 11, 531-543.	0.9	8

#	ARTICLE	IF	CITATIONS
3410	Isotopic features of precipitation and groundwater from the Eastern Alps of Italy: results from the Mt. Tinisa hydrogeological system. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	9
3411	Ocean-atmosphere interactions as drivers of mid-to-late Holocene rapid climate changes: Evidence from high-resolution stalagmite records at DeSoto Caverns, Southeast USA. <i>Quaternary Science Reviews</i> , 2017, 170, 69-81.	1.4	10
3412	SWAT and MODFLOW Modeling of Spatio-Temporal Runoff and Groundwater Recharge Distribution. , 2017, , .		3
3413	Snowdrift effect on snow deposition: Insights from a comparison of a snow pit profile and meteorological observations in east Antarctica. <i>Science China Earth Sciences</i> , 2017, 60, 672-685.	2.3	1
3414	Paleodietary analysis of the sacrificial victims from the Feathered Serpent Pyramid, Teotihuacan. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 117-132.	0.7	11
3415	Contrasting water sources of evergreen and deciduous tree species in rocky mountain area of Beijing, China. <i>Catena</i> , 2017, 150, 108-115.	2.2	31
3416	Potential of non-traditional isotope studies for bioarchaeology. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1389-1404.	0.7	48
3417	Sources and abundances of leaf waxes in aerosols in central Europe. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 198, 299-314.	1.6	24
3418	Stable isotope variations of precipitation and streamflow reveal the young water fraction of a permafrost watershed. <i>Hydrological Processes</i> , 2017, 31, 935-947.	1.1	43
3419	First field-based observations of $\delta^{2}\text{H}$ and $\delta^{18}\text{O}$ values of event-based precipitation, rivers and other water bodies in the Dzungarian Gobi, SW Mongolia. <i>Isotopes in Environmental and Health Studies</i> , 2017, 53, 157-171.	0.5	18
3420	Sequential stable isotope analysis reveals differences in dietary history of three sympatric equid species in the Mongolian Gobi. <i>Journal of Applied Ecology</i> , 2017, 54, 1110-1119.	1.9	22
3421	The modern and Last Glacial Maximum hydrological cycles of the Eastern Mediterranean and the Levant from a water isotope perspective. <i>Earth and Planetary Science Letters</i> , 2017, 457, 302-312.	1.8	38
3422	Hydrological and temperature change in Arctic Siberia during the intensification of Northern Hemisphere Glaciation. <i>Earth and Planetary Science Letters</i> , 2017, 457, 136-148.	1.8	16
3423	Investigating the hydrological significance of stalagmite geochemistry (Mg, Sr) using Sr isotope and particulate element records across the Late Glacial-to-Holocene transition. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 199, 247-263.	1.6	42
3424	Horticulturists and oxygen ecozones in the tropical and subtropical forests of Southeast South America. <i>Environmental Archaeology</i> , 2017, 22, 247-267.	0.6	13
3425	Revisiting reconstructed Indian monsoon rainfall variations during the last $\sim 425$ ka from planktonic foraminiferal $\delta^{18}\text{O}$ from the Eastern Arabian Sea. <i>Quaternary International</i> , 2017, 443, 29-38.	0.7	15
3426	Revisiting streamside trees that do not use stream water: can the two water worlds hypothesis and snowpack isotopic effects explain a missing water source?. <i>Ecohydrology</i> , 2017, 10, e1771.	1.1	92
3427	Water isotopic variability in Mallorca: a path to understanding past changes in hydroclimate. <i>Hydrological Processes</i> , 2017, 31, 104-116.	1.1	14

#	ARTICLE	IF	CITATIONS
3428	Chemical and Isotopic Tracer Evaluation of Water Mixing and Evaporation in a Dammed Texas River During Drought. <i>River Research and Applications</i> , 2017, 33, 450-460.	0.7	8
3429	An integrated approach for identification of potential aquifer zones in structurally controlled terrain: Wadi Qena basin, Egypt. <i>Catena</i> , 2017, 149, 73-85.	2.2	46
3430	Delineation of Point Sources of Recharge in Karst Settings. , 2017, , 195-209.		2
3431	Mean annual temperatures of mid-latitude regions derived from $\delta^{13}C$ values of wood lignin methoxyl groups and its implications for paleoclimate studies. <i>Science of the Total Environment</i> , 2017, 574, 1276-1282.	3.9	22
3432	Precipitation evolution of Central Asia during the last 5000 years. <i>Holocene</i> , 2017, 27, 142-154.	0.9	75
3433	Trends in Asian Water Environmental Science and Technology. , 2017, , .		2
3434	Linking LiDAR with streamwater biogeochemistry in coastal temperate rainforest watersheds. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 801-811.	0.7	4
3435	Stalagmite multi-proxy evidence of wet and dry intervals in northeastern Namibia: Linkage to latitudinal shifts of the Inter-Tropical Convergence Zone and changing solar activity from AD 1400 to 1950. <i>Holocene</i> , 2017, 27, 384-396.	0.9	22
3436	Deuterium $\delta^2$ excess determination of evaporation to inflow ratios of an alpine lake: Implications for water balance and modeling. <i>Hydrological Processes</i> , 2017, 31, 1034-1046.	1.1	43
3437	Contrasting strategies of hydraulic control in two codominant temperate tree species. <i>Ecohydrology</i> , 2017, 10, e1815.	1.1	102
3438	Continuity or conquest? A multi $\delta$ isotope approach to investigating identity in the Early Iron Age of the Southern Levant. <i>American Journal of Physical Anthropology</i> , 2017, 162, 73-89.	2.1	24
3439	Simulating climate and stable water isotopes during the last interglacial using a coupled climate $\delta$ isotope model. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2027-2045.	1.3	21
3440	Weighting alternative for water stable isotopes: Statical comparison between station- and firn/ice-records. <i>Polish Polar Research</i> , 2017, 38, 105-124.	0.9	2
3441	Climate and Environment Reconstructions Based on Speleothems from the Levant. , 0, , 151-164.		8
3442	Disentangling shallow $\delta$ water bulk carbonate carbon isotope archives with evidence for multi $\delta$ stage diagenesis: An in $\delta$ depth component $\delta$ specific petrographic and geochemical study from Oman (mid $\delta$ Cretaceous). <i>Depositional Record</i> , 2017, 3, 233-257.	0.8	16
3443	Evaluating hydrological processes in the last community atmosphere model version 5 (AM5) using stable isotope ratios of water. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 949-977.	1.3	93
3444	Environmental conditions during winter predict age- and sex-specific differences in reproductive success of a trans-Saharan migratory bird. <i>Scientific Reports</i> , 2017, 7, 18082.	1.6	15
3445	A decadal time series of water vapor and $\delta^2$ H isotope ratios above Zugspitze: transport patterns to central Europe. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7635-7651.	1.9	3

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3446	Characteristics of seasonal precipitation isotope variability in Indonesia. <i>Hydrological Research Letters</i> , 2017, 11, 92-98.	0.3	16
3447	El Niño Southern Oscillation Signature in Atmospheric Water Isotopes over Maritime Continent during Wet Season. <i>Journal of the Meteorological Society of Japan</i> , 2017, 95, 49-66.	0.7	6
3448	The stable isotopic composition of water vapour above Corsica during the HyMeX SOP1 campaign: insight into vertical mixing processes from lower-tropospheric survey flights. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6125-6151.	1.9	52
3449	The influence of snow sublimation and meltwater evaporation on $\delta^{18}\text{O}$ and $\delta^2\text{H}$ of water vapor in the atmospheric boundary layer of central Europe. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1207-1225.	1.9	17
3450	Annual variation in event-scale precipitation $\delta^{18}\text{O}$ and $\delta^2\text{H}$ at Barrow, AK, reflects vapor source region. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4627-4639.	1.9	31
3451	How does sea ice influence $\delta^{18}\text{O}$ of Arctic precipitation?. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5865-5876.	1.9	12
3452	Enhanced stratospheric water vapor over the summertime continental United States and the role of overshooting convection. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6113-6124.	1.9	28
3453	Rainfall isotopic variability at the intersection between winter and summer rainfall regimes in coastal South Africa (Mossel Bay, Western Cape Province). <i>South African Journal of Geology</i> , 2017, 120, 323-340.	0.6	25
3454	Using isotopes to constrain water flux and age estimates in snow-influenced catchments using the STARR (Spatially distributed Tracer-Aided Rainfall-Runoff) model. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 5089-5110.	1.9	69
3455	Improved methodologies for continuous-flow analysis of stable water isotopes in ice cores. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 617-632.	1.2	37
3456	A Cenozoic terrestrial paleoclimate record from He dating and stable isotope geochemistry of goethites from Western Australia. <i>Geology</i> , 2017, 45, 895-898.	2.0	15
3459	Applications of Hydro-Chemical and Isotopic Tools to Improve Definitions of Groundwater Catchment Zones in a Karstic Aquifer: A Case Study. <i>Water (Switzerland)</i> , 2017, 9, 595.	1.2	10
3460	Characterization of Recharge Mechanisms and Sources of Groundwater Salinization in Ras Jbel Coastal Aquifer (Northeast Tunisia) Using Hydrogeochemical Tools, Environmental Isotopes, GIS, and Statistics. <i>Journal of Chemistry</i> , 2017, 2017, 1-20.	0.9	11
3461	Distinguishing between old and modern permafrost sources in the northeast Siberian land-shelf system with compound-specific $\delta^2\text{H}$ analysis. <i>Cryosphere</i> , 2017, 11, 1879-1895.	1.5	8
3462	Stable Isotope Ratio and Elemental Profile Combined with Support Vector Machine for Provenance Discrimination of Oolong Tea (Wuyi-Rock Tea). <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-8.	0.7	15
3463	Three individuals, three stories, three burials from medieval Trondheim, Norway. <i>PLoS ONE</i> , 2017, 12, e0180277.	1.1	14
3464	Relationship between the Northern Pacific Gyre Oscillation and tree-ring cellulose oxygen isotopes in northeastern Japan. <i>Geoscience Letters</i> , 2017, 4, .	1.3	5
3465	A comparison of annual layer thickness model estimates with observational measurements using the Berkner Island ice core, Antarctica. <i>Antarctic Science</i> , 2017, 29, 382-393.	0.5	1

#	ARTICLE	IF	CITATIONS
3466	Comparing proxy and model estimates of hydroclimate variability and change over the Common Era. <i>Climate of the Past</i> , 2017, 13, 1851-1900.	1.3	93
3467	Linking pollen deposition and snow accumulation on the Alto dell'Ortles glacier (South Tyrol, Italy) for sub-seasonal dating of a firn temperate core. <i>Cryosphere</i> , 2017, 11, 937-948.	1.5	11
3468	Modelling tree ring cellulose $\delta^{18}O$ variations in two temperature-sensitive tree species from North and South America. <i>Climate of the Past</i> , 2017, 13, 1515-1526.	1.3	20
3469	Research on the hydrologic cycle characteristics using stable isotopes of oxygen and hydrogen in the Jinxiuchuan Basin. <i>Tecnologia Y Ciencias Del Agua</i> , 2017, 08, 105-115.	0.1	0
3470	Transfer of environmental signals from the surface to the underground at AscunsĂf Cave, Romania. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 5357-5373.	1.9	19
3471	The influence of the synoptic regime on stable water isotopes in precipitation at DomeÂC, East Antarctica. <i>Cryosphere</i> , 2017, 11, 2345-2361.	1.5	12
3472	MUSICA MetOp/IASI $\{H_2O, O_3, \delta^{18}O, \delta^2H\}$ pair retrieval simulations for validating tropospheric moisture pathways in atmospheric models. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 507-525.	1.2	14
3473	Plant water resource partitioning and isotopic fractionation during transpiration in a seasonally dry tropical climate. <i>Biogeosciences</i> , 2017, 14, 73-88.	1.3	13
3474	Stable water isotopes in the MITgcm. <i>Geoscientific Model Development</i> , 2017, 10, 3125-3144.	1.3	8
3475	Response of water vapour D-excess to landâ€‘atmosphere interactions in a semi-arid environment. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 533-548.	1.9	19
3476	Identification of Waters Incorporated in Laguna Lake, Republic of the Philippines, Based on Oxygen and Hydrogen Isotopic Ratios. <i>Water (Switzerland)</i> , 2017, 9, 328.	1.2	5
3478	Yedoma Ice Complex of the Buor Khaya Peninsula (southern Laptev Sea). <i>Biogeosciences</i> , 2017, 14, 1261-1283.	1.3	33
3479	Ground-ice stable isotopes and cryostratigraphy reflect late Quaternary palaeoclimate in the Northeast Siberian Arctic (Oyogos Yar coast, Dmitry Laptev Strait). <i>Climate of the Past</i> , 2017, 13, 587-611.	1.3	36
3480	Constraints on post-depositional isotope modifications in East Antarctic firn from analysing temporal changes of isotope profiles. <i>Cryosphere</i> , 2017, 11, 2175-2188.	1.5	28
3481	Large-scale drivers of Caucasus climate variability in meteorological records and Mt El'brus ice cores. <i>Climate of the Past</i> , 2017, 13, 473-489.	1.3	15
3482	Experimental observation of transient $\delta^{18}O$ interaction between snow and advective airflow under various temperature gradient conditions. <i>Cryosphere</i> , 2017, 11, 1733-1743.	1.5	22
3483	Estimates of land and sea moisture contributions to the monsoonal rain over Kolkata, deduced based on isotopic analysis of rainwater. <i>Earth System Dynamics</i> , 2017, 8, 313-321.	2.7	15
3484	A climatic context for the out-of-Africa migration. <i>Geology</i> , 2017, 45, 1023-1026.	2.0	119

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3485	The deuterium and oxygen-18 isotopic composition of the groundwater in Khan Younis City, southern Gaza Strip (Palestine). <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	8
3486	Reliability of shell carbon isotope composition of different land snail species as a climate proxy: A case study in the monsoon region of China. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 228, 42-61.	1.6	18
3487	Influence of moisture source dynamics and weather patterns on stable isotopes ratios of precipitation in Central-Eastern Africa. <i>Science of the Total Environment</i> , 2018, 628-629, 1058-1078.	3.9	33
3488	A Framework to Study Mixing Processes in the Marine Boundary Layer Using Water Vapor Isotope Measurements. <i>Geophysical Research Letters</i> , 2018, 45, 2524-2532.	1.5	17
3489	Warm-based basal sediment entrainment and far-field Pleistocene origin evidenced in central Transantarctic blue ice through stable isotopes and internal structures. <i>Journal of Glaciology</i> , 2018, 64, 185-196.	1.1	13
3490	Effect of canopy openness and meteorological factors on spatial variability of throughfall isotopic composition in a Japanese cypress plantation. <i>Hydrological Processes</i> , 2018, 32, 1038-1049.	1.1	5
3491	Site-specific climatic signals in stable isotope records from Swedish pine forests. <i>Trees - Structure and Function</i> , 2018, 32, 855-869.	0.9	22
3492	Current state and future challenges in stable isotope applications of the tropical hydrologic cycle (<i>Invited Commentary</i>). <i>Hydrological Processes</i> , 2018, 32, 1313-1317.	1.1	10
3493	Biogeochemical characterization of a Mediterranean shallow lake using stable isotopes: Laguna del Cristo (NW Iberian Peninsula). <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	6
3494	Multiple recharge processes to heterogeneous Mediterranean coastal aquifers and implications on recharge rates evolution in time. <i>Journal of Hydrology</i> , 2018, 559, 669-683.	2.3	20
3495	Monitoring in the BaraĀt and Lower CerovaĀka caves (Croatia) as a basis for the characterization of the climatological and hydrological processes that control speleothem formation. <i>Quaternary International</i> , 2018, 494, 52-65.	0.7	5
3496	Influence of the balance of the intertropical front on seasonal variations of the isotopic composition in rainfall at Kisiba Masoko (Rungwe Volcanic Province, SW, Tanzania). <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 352-369.	0.5	4
3497	Using stable water isotopes to identify spatio-temporal controls on groundwater recharge in two contrasting East African aquifer systems. <i>Hydrological Sciences Journal</i> , 2018, 63, 862-877.	1.2	37
3498	Holocene hydrologic and vegetation developments in the Orange River catchment (South Africa) and their controls. <i>Holocene</i> , 2018, 28, 1288-1300.	0.9	6
3499	Lagrangian process attribution of isotopic variations in near-surface water vapour in a 30-year regional climate simulation over Europe. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1653-1669.	1.9	19
3500	Importance of river water recharge to the San Joaquin Valley groundwater system. <i>Hydrological Processes</i> , 2018, 32, 1202-1213.	1.1	17
3501	The impact of urbanization on subsurface flow paths â€“ A paired-catchment isotopic study. <i>Journal of Hydrology</i> , 2018, 561, 413-426.	2.3	26
3502	Episodic deposition of Illinois Valley Peoria silt in association with Lake Michigan Lobe fluctuations during the last glacial maximum. <i>Quaternary Research</i> , 2018, 89, 739-755.	1.0	13

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3503	Temporal partitioning of water between plants and hillslope flow in a subtropical climate. <i>Catena</i> , 2018, 165, 133-144.	2.2	24
3504	Karst hydrogeological observations in Tra Linh and Quang Uyen districts, Cao Bang province, Vietnam. <i>Carbonates and Evaporites</i> , 2018, 33, 579-600.	0.4	2
3505	Stable isotopes in water indicate sources of nutrients that drive algal blooms in the tributary bay of a subtropical reservoir. <i>Science of the Total Environment</i> , 2018, 634, 205-213.	3.9	36
3506	Identifying local and regional groundwater in basins: chemical and stable isotopic attributes of multivariate classification of hydrochemical data, the Lower Virgin River Basin, Nevada, Arizona and Utah, U.S.A. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 370-391.	0.5	3
3507	Permafrost and lakes control river isotope composition across a boreal Arctic transect in the Western Siberian lowlands. <i>Environmental Research Letters</i> , 2018, 13, 034028.	2.2	32
3508	An oxygen isotope record from Lake Xiarinur in Inner Mongolia since the last deglaciation and its implication for tropical monsoon change. <i>Global and Planetary Change</i> , 2018, 163, 109-117.	1.6	27
3509	Tsunami sedimentary deposits of Crete records climate during the "Minoan Warming Period" (~3350 yr BP). <i>Journal of Quaternary Science</i> , 2018, 33, 1-10.	0.9	0
3510	Sub-Milankovitch paleoclimatic and paleoenvironmental variability in East Africa recorded by Pleistocene lacustrine sediments from Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 495, 284-291.	1.0	31
3511	Differential isotopic characteristics of ecohydrologic processes in a subtropical watershed, China. <i>Ecohydrology</i> , 2018, 11, e1944.	1.1	4
3512	Using hydrochemistry and environmental isotopes in the assessment of groundwater quality in the Euphrates alluvial aquifer, Syria. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	18
3513	Reliance on deep soil water in the tree species <i>Argania spinosa</i> . <i>Tree Physiology</i> , 2018, 38, 678-689.	1.4	31
3514	ESTRATEGIAS HUMANAS, ESTABILIDAD Y CAMBIO EN LA FRONTERA AGRÍCOLA SUR AMERICANA. <i>Latin American Antiquity</i> , 2018, 29, 6-26.	0.3	14
3515	Characterizing groundwater recharge using oxygen and hydrogen isotopes: a case study in a temperate forested region, South Korea. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	7
3516	Environmental influences on rabbit and hare bone isotope abundances: Implications for paleoenvironmental research. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 497, 91-104.	1.0	22
3517	A genetic model based on evapoconcentration for sediment-hosted exotic-Cu mineralization in arid environments: the case of the El Tesoro Central copper deposit, Atacama Desert, Chile. <i>Mineralium Deposita</i> , 2018, 53, 775-795.	1.7	15
3518	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
3519	Speleothems and Climate. <i>Springer Theses</i> , 2018, , 21-37.	0.0	0
3520	A stable isotope record of late Cenozoic surface uplift of southern Alaska. <i>Earth and Planetary Science Letters</i> , 2018, 482, 300-311.	1.8	9

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3521	Effect of overpumping and irrigation stress on hydrochemistry and hydrodynamics of a Saharan oasis groundwater system. <i>Hydrological Sciences Journal</i> , 2018, 63, 227-250.	1.2	15
3522	Hydrogeological and hydrochemical investigation of groundwater using environmental isotopes ( <sup>18</sup> O, <sup>2</sup> H, <sup>3</sup> H, <sup>14</sup> C) and chemical tracers: a case study of the intermediate aquifer, Sfax, southeastern Tunisia. <i>Hydrogeology Journal</i> , 2018, 26, 983-1007.	0.9	23
3523	Hydrogen and oxygen isotope composition of precipitation and stream water on sub-Antarctic Marion Island. <i>Antarctic Science</i> , 2018, 30, 83-92.	0.5	8
3524	Controls on water vapor isotopes over Roorkee, India: Impact of convective activities and depression systems. <i>Journal of Hydrology</i> , 2018, 557, 679-687.	2.3	33
3525	Chemical balance of the Yellow River source region, the northeastern Qinghai-Tibetan Plateau: Insights about critical zone reactivity. <i>Applied Geochemistry</i> , 2018, 90, 1-12.	1.4	28
3526	Tracing isotopic signatures ( <sup>17</sup> D and <sup>18</sup> O) in precipitation and glacier melt over Chorabari Glacier—Hydroclimatic inferences for the Upper Ganga Basin (UGB), Garhwal Himalaya. <i>Journal of Hydrology: Regional Studies</i> , 2018, 15, 68-89.	1.0	38
3527	Importance of depth and intensity of convection on the isotopic composition of water vapor as seen from IASI and TES <sup>17</sup> D observations. <i>Earth and Planetary Science Letters</i> , 2018, 481, 387-394.	1.8	24
3528	Impact of topography, climate and moisture sources on isotopic composition ( <sup>18</sup> O & <sup>17</sup> D) of rivers in the Pyrenees: Implications for topographic reconstructions in small orogens. <i>Earth and Planetary Science Letters</i> , 2018, 484, 370-384.	1.8	9
3529	Seasonal and ENSO Influences on the Stable Isotopic Composition of Galápagos Precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 261-275.	1.2	18
3530	Sequential samples reveal significant variation of mercury isotope ratios during single rainfall events. <i>Science of the Total Environment</i> , 2018, 624, 133-144.	3.9	26
3531	The hydrogen and oxygen isotopic compositions of precipitation in a forested watershed of the South Qinling Mts., China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6720-6728.	2.7	10
3532	Middle-to-late Holocene palaeoenvironmental reconstruction from the A294 ice-cave record (Central Tj ETQq1 1 0,784314 rgBT /Ove	1.8	24
3533	Chemical weathering outputs from the flood plain of the Ganga. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 225, 146-175.	1.6	43
3534	Hydrogeochemical processes and influence of seawater intrusion in coastal aquifers south of Chennai, Tamil Nadu, India. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8989-9011.	2.7	82
3535	Formation waters discharge to rivers near oil sands projects. <i>Hydrological Processes</i> , 2018, 32, 533-549.	1.1	4
3536	Identifying the source of atmospheric moisture over arid deserts using stable isotopes ( <sup>2</sup> H and <sup>18</sup> O) in precipitation. <i>Hydrological Processes</i> , 2018, 32, 436-449.	1.1	24
3537	Using an "isotopic spike" from a tropical storm to understand water exchange on a large scale: case study of Hurricane Rafael in the Lesser Antilles archipelago, October 2012. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 457-468.	0.7	5
3538	A MIS 9/MIS 8 speleothem record of hydrological variability from Macedonia (F.Y.R.O.M.). <i>Global and Planetary Change</i> , 2018, 162, 39-52.	1.6	19



#	ARTICLE	IF	CITATIONS
3539	Natural analogue monitoring to estimate the hydrochemical change of groundwater by the carbonating process from the introduction of CO <sub>2</sub> . <i>Journal of Hydrology</i> , 2018, 562, 318-334.	2.3	9
3540	Ice-liquid isotope fractionation factors for <sup>18</sup> O and <sup>2</sup> H deduced from the isotopic correction constants for the triple point of water. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 304-311.	0.5	4
3541	Temperature and Monsoon Tango in a Tropical Stalagmite: Last Glacial-Interglacial Climate Dynamics. <i>Scientific Reports</i> , 2018, 8, 5386.	1.6	20
3542	Spatio-temporal tracer variability in the glacier melt end-member – How does it affect hydrograph separation results?. <i>Hydrological Processes</i> , 2018, 32, 1828-1843.	1.1	40
3543	Development of an isotopic stream index connecting physiographic characteristics of montane catchments. <i>Journal of Mass Spectrometry</i> , 2018, 53, 48-57.	0.7	0
3544	Climate dynamics during the penultimate glacial period recorded in a speleothem from Kanaan Cave, Lebanon (central Levant). <i>Quaternary Research</i> , 2018, 90, 10-25.	1.0	13
3545	Comparison of precipitation collectors used in isotope hydrology. <i>Chemical Geology</i> , 2018, 488, 171-179.	1.4	27
3546	The impact of moisture sources on the oxygen isotope composition of precipitation at a continental site in central Europe. <i>Journal of Hydrology</i> , 2018, 561, 810-821.	2.3	47
3547	Isotopic and geochemical surveys of lakes in coastal B.C.: Insights into regional water balance and water quality controls. <i>Journal of Hydrology: Regional Studies</i> , 2018, 17, 47-63.	1.0	12
3548	Geochemical characteristics of cave drip water respond to ENSO based on a 6-year monitoring work in Yangkou Cave, Southwest China. <i>Journal of Hydrology</i> , 2018, 561, 896-907.	2.3	48
3549	The Effect of Monsoon Circulation on the Stable Isotopic Composition of Rainfall. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5205-5221.	1.2	39
3550	The Climatological Impacts of Continental Surface Evaporation, Rainout, and Subcloud Processes on $\delta^{18}O$ of Water Vapor and Precipitation in Europe. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4390-4409.	1.2	22
3551	Nam Lot (MIS 5) and Duoi U'Oi (MIS 4) Southeast Asian sites revisited: Zooarchaeological and isotopic evidences. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 512, 132-144.	1.0	33
3552	Recharge, geochemical processes and water quality in karst aquifers: Central West Bank, Palestine. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	21
3553	The evolution of <sup>17</sup> O-excess in surface water of the arid environment during recharge and evaporation. <i>Scientific Reports</i> , 2018, 8, 4972.	1.6	48
3554	Stable Isotopes of Precipitation During Tropical Sumatra Squalls in Singapore. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3812-3829.	1.2	21
3555	Nitrogen and oxygen isotopes as indicators of pollution sources in the Faxinal Dam watershed, Southern Brazil. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	1
3556	Influences of large-scale convection and moisture source on monthly precipitation isotope ratios observed in Thailand, Southeast Asia. <i>Earth and Planetary Science Letters</i> , 2018, 488, 181-192.	1.8	58

#	ARTICLE	IF	CITATIONS
3557	Recharge sources and geochemical evolution of groundwater in the Quaternary aquifer at Atfih area, the northeastern Nile Valley, Egypt. <i>Journal of African Earth Sciences</i> , 2018, 142, 82-92.	0.9	17
3558	Determinants of blood water $\delta^{18}\text{O}$ variation in a population of experimental sheep: Implications for paleoclimate reconstruction. <i>Chemical Geology</i> , 2018, 485, 32-43.	1.4	17
3559	The manifestation of the Younger Dryas event in the East Asian summer monsoon margin: New evidence from carbonate geochemistry of the Dali Lake sediments in northern China. <i>Holocene</i> , 2018, 28, 1082-1092.	0.9	12
3560	Spatial differentiation in stable isotope compositions of surface waters and its environmental significance in the Issyk-Kul Lake region of Central Asia. <i>Journal of Mountain Science</i> , 2018, 15, 254-263.	0.8	7
3561	Stable isotope record implicates aridification without warming during the late Capitanian mass extinction. <i>Gondwana Research</i> , 2018, 59, 1-8.	3.0	17
3562	High-resolution mid-Holocene Indian Summer Monsoon recorded in a stalagmite from the Kotumsar Cave, Central India. <i>Quaternary International</i> , 2018, 479, 19-24.	0.7	40
3563	A leaf wax biomarker record of early Pleistocene hydroclimate from West Turkana, Kenya. <i>Quaternary Science Reviews</i> , 2018, 186, 225-235.	1.4	44
3564	Comparison of prediction methods for oxygen-18 isotope composition in shallow groundwater. <i>Science of the Total Environment</i> , 2018, 631-632, 358-368.	3.9	20
3565	Investigating the mysteries of groundwater in the Badain Jaran Desert, China. <i>Hydrogeology Journal</i> , 2018, 26, 1639-1655.	0.9	22
3566	Effects of reclaimed water discharge in the Maneadero coastal aquifer, Baja California, Mexico. <i>Applied Geochemistry</i> , 2018, 92, 121-139.	1.4	24
3567	Geochemical and isotopic investigation of the aquifer system under semi-arid climate: case of Essaouira basin (Southwestern Morocco). <i>Carbonates and Evaporites</i> , 2018, 33, 65-77.	0.4	19
3568	Hydroclimate variability of High Arctic Svalbard during the Holocene inferred from hydrogen isotopes of leaf waxes. <i>Quaternary Science Reviews</i> , 2018, 183, 177-187.	1.4	33
3569	Vertical sheep mobility along the altitudinal gradient through stable isotope analyses in tooth molar bioapatite, meteoric water and pastures: A reference from the Ebro valley to the Central Pyrenees. <i>Quaternary International</i> , 2018, 484, 94-106.	0.7	32
3570	The two water worlds hypothesis: Addressing multiple working hypotheses and proposing a way forward. <i>Ecohydrology</i> , 2018, 11, e1843.	1.1	90
3571	Alpine cattle management during the Bronze Age at Ramosch-Mottata, Switzerland. <i>Quaternary International</i> , 2018, 484, 19-31.	0.7	37
3572	Accumulation rate in a tropical Andean glacier as a proxy for northern Amazon precipitation. <i>Theoretical and Applied Climatology</i> , 2018, 132, 569-578.	1.3	3
3573	Diet and habitat of mesomammals and megamammals from Cedral, San Luis Potosí, México. <i>Geological Magazine</i> , 2018, 155, 674-684.	0.9	6
3574	Mountain adaptation of caprine herding in the eastern Pyrenees during the Bronze Age: A stable oxygen and carbon isotope analysis of teeth. <i>Quaternary International</i> , 2018, 484, 60-74.	0.7	18

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3575	A tentative study of the relationship between annual $\delta^{18}\text{O}$ & $\delta^2\text{H}$ variations of precipitation and atmospheric circulations—A case from Southwest China. <i>Quaternary International</i> , 2018, 479, 117-127.	0.7	23
3576	A study on mountain front recharge by using integrated techniques in the hard rock aquifers of southern India. <i>Environment, Development and Sustainability</i> , 2018, 20, 2243-2259.	2.7	4
3577	Hydrogeochemistry and $\delta^{13}\text{C}_{\text{DIC}}$ and $\delta^{18}\text{O}_{\text{H}_2\text{O}}$ composition of three Chinese Tibetan Plateau lakes. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 89-105.	0.5	3
3578	The Seasonal Mobility of Prehistoric Gazelle Herds in the Azraq Basin, Jordan: Modelling Alternative Strategies Using Stable Isotopes. <i>Environmental Archaeology</i> , 2018, 23, 187-199.	0.6	9
3579	Evaluating hydrological influences on mid-latitude $\delta^{18}\text{O}$ in the Middle East. <i>Climate Dynamics</i> , 2018, 50, 3153-3170.	1.7	2
3580	Sourcing nonnative mammal remains from Dos Mosquises Island, Venezuela: new multiple isotope evidence. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1265-1281.	0.7	13
3581	Monitoring of selected caves as a prerequisite for the speleothem-based reconstruction of the Quaternary environment in Croatia. <i>Quaternary International</i> , 2018, 494, 263-274.	0.7	10
3582	The possibility of obtaining ultra-low- $\delta^{18}\text{O}$ signature of precipitation near equatorial latitudes during the Snowball Earth glaciation episodes. <i>Precambrian Research</i> , 2018, 319, 211-219.	1.2	13
3583	Lagged response of summer precipitation to insolation forcing on the northeastern Tibetan Plateau during the Holocene. <i>Climate Dynamics</i> , 2018, 50, 3117-3129.	1.7	25
3584	Isotopic fingerprints of the Lake Å»abiÅ»,skie (NE Poland) hydrological system on contemporary carbonates precipitated in the lake. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 225-243.	0.5	2
3585	Pastoralist Mobility in Bronze Age Landscapes of Northern Kazakhstan: $\delta^{87}\text{Sr}$ / $\delta^{86}\text{Sr}$ and $\delta^{18}\text{O}$ Analyses of Human Dentition from Bestamak and Lisakovsk. <i>Environmental Archaeology</i> , 2018, 23, 352-366.	0.6	26
3586	Spatial and temporal patterns of stable water isotopes along the Yangtze River during two drought years. <i>Hydrological Processes</i> , 2018, 32, 4-16.	1.1	37
3587	Water use by broadleaved tree species in response to changes in precipitation in a mountainous area of Beijing. <i>Agriculture, Ecosystems and Environment</i> , 2018, 251, 132-140.	2.5	16
3588	Spatial variation of stable isotopic composition in surface waters of the Huai River basin, China and the regional hydrological implication. <i>Hydrology Research</i> , 2018, 49, 1452-1466.	1.1	7
3589	Speleothem record of climatic changes in the northern Aegean region (Greece) from the Bronze Age to the collapse of the Roman Empire. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 489, 272-283.	1.0	43
3590	Hydroclimatic conditions and fishing practices at Late Paleolithic Makhadma 4 (Egypt) inferred from stable isotope analysis of otoliths. <i>Quaternary International</i> , 2018, 471, 190-202.	0.7	10
3591	Geochemical and isotopic evidences from groundwater and surface water for understanding of natural contamination in chronic kidney disease of unknown etiology (CKDu) endemic zones in Sri Lanka. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 244-261.	0.5	32
3592	Monitoring of Cueva Larga, Puerto Rico—A First Step to Decode Speleothem Climate Records. <i>Advances in Karst Science</i> , 2018, , 319-331.	0.3	7

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3593	Topographic growth of the Jishi Shan and its impact on basin and hydrology evolution, <sc>NE</sc> Tibetan Plateau. Basin Research, 2018, 30, 544-563.	1.3	102
3594	Spatial and temporal variation of H and O isotopic compositions of the Xijiang River system, Southwest China. Isotopes in Environmental and Health Studies, 2018, 54, 137-146.	0.5	27
3595	Hydrochemistry of waters in snowpacks, lakes and streams of Mt. Dagu, eastern of Tibet Plateau. Science of the Total Environment, 2018, 610-611, 641-650.	3.9	12
3596	The diet of <i>Leptomeryx</i> sp. from the Late Eocene Yolomácatl Formation, NW Oaxaca, Sierra Madre del Sur Morphotectonic Province, SE México and its palaeoecological significance. Geological Magazine, 2018, 155, 203-208.	0.9	1
3597	Watershed services in the humid tropics: Opportunities from recent advances in ecohydrology. Ecohydrology, 2018, 11, e1921.	1.1	32
3598	Asian monsoon variations revealed from stable isotopes in precipitation. Climate Dynamics, 2018, 51, 2267-2283.	1.7	29
3599	Using water stable isotopes for tracing surface and groundwater flow systems in the Barlow-Ojibway Clay Belt, Quebec, Canada. Canadian Water Resources Journal, 2018, 43, 173-194.	0.5	23
3600	Hydrochemical and isotopic characterization of carbonate aquifers under natural flow conditions, Sierra Grazalema Natural Park, southern Spain. Geological Society Special Publication, 2018, 466, 275-293.	0.8	9
3601	Variation in monsoonal rainfall sources (Arabian Sea and Bay of Bengal) during the late Quaternary: Implications for regional vegetation and fluvial systems. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 491, 77-91.	1.0	20
3602	A low- $\delta^{18}\text{O}$ intrusive breccia from Koegel Fontein, South Africa: Remobilisation of basement that was hydrothermally altered during global glaciation?. Lithos, 2018, 300-301, 33-50.	0.6	4
3603	Tree-ring $\delta^{18}\text{O}$ , a tool to crack the paleo-hydroclimatic code in subtropical China. Quaternary International, 2018, 487, 3-11.	0.7	15
3604	Precipitation regime influence on oxygen triple-isotope distributions in Antarctic precipitation and ice cores. Earth and Planetary Science Letters, 2018, 481, 316-327.	1.8	14
3605	Why are tropical mountain passes 'cold' for some species? Genetic and stable isotope tests for differentiation, migration and expansion in elevational generalist songbirds. Journal of Animal Ecology, 2018, 87, 741-753.	1.3	16
3606	Using stable isotopes to assess surface water source dynamics and hydrological connectivity in a high-latitude wetland and permafrost influenced landscape. Journal of Hydrology, 2018, 556, 279-293.	2.3	116
3607	Rapid atmospheric transport and large-scale deposition of recently synthesized plant waxes. Geochimica Et Cosmochimica Acta, 2018, 222, 599-617.	1.6	36
3608	Mid-Holocene Iberian hydroclimate variability and paleoenvironmental change: molecular and isotopic insights from Praia Rei Cortiço, Portugal. Journal of Quaternary Science, 2018, 33, 79-92.	1.1	10
3609	Microcodium in Chinese loess as a recorder for the oxygen isotopic composition of monsoonal rainwater. Quaternary International, 2018, 464, 364-369.	0.7	10
3610	Refining Stable Oxygen and Hydrogen Isoscapes for the Identification of Human Remains in Mississippi. Journal of Forensic Sciences, 2018, 63, 395-402.	0.9	9

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3611	Thermal infrared remote sensing in assessing groundwater and surface-water resources related to Hannukainen mining development site, northern Finland. <i>Hydrogeology Journal</i> , 2018, 26, 163-183.	0.9	9
3612	Hydrogen isotope ratios of leaf wax n-alkanes in loess and floodplain deposits in northern China since the Last Glacial Maximum and their paleoclimatic significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 509, 91-97.	1.0	10
3613	Terrestrial cooling and changes in hydroclimate in the continental interior of the United States across the Eocene-Oligocene boundary. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 1073-1084.	1.6	21
3614	Tracers Reveal Recharge Elevations, Groundwater Flow Paths and Travel Times on Mount Shasta, California. <i>Water (Switzerland)</i> , 2018, 10, 97.	1.2	11
3615	Archival processes of the water stable isotope signal in East Antarctic ice cores. <i>Cryosphere</i> , 2018, 12, 1745-1766.	1.5	48
3616	Conceptual model and recharge area of geothermal system in Gede-Pangrango and Pancar based on geochemical and hydrogeology. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 212, 012044.	0.2	0
3617	Controls on Deuterium Excess across Asia. <i>Geosciences (Switzerland)</i> , 2018, 8, 257.	1.0	76
3618	Detection and variability of combustion-derived vapor in an urban basin. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 8529-8547.	1.9	21
3619	$\delta^{18}\text{O}$ : water isotopes and age tracking in a process-based, distributed ecohydrological model. <i>Geoscientific Model Development</i> , 2018, 11, 3045-3069.	1.3	88
3620	From climatological to small-scale applications: simulating water isotopologues with ICON-ART-Iso (version 2.3). <i>Geoscientific Model Development</i> , 2018, 11, 5113-5133.	1.3	10
3621	Isotopic reconnaissance of urban water supply system dynamics. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6109-6125.	1.9	18
3622	Hydrogeochemical controls on brook trout spawning habitats in a coastal stream. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6383-6398.	1.9	13
3623	The effect of a Holocene climatic optimum on the evolution of the Greenland ice sheet during the last 10 kyr. <i>Journal of Glaciology</i> , 2018, 64, 477-488.	1.1	15
3624	Multi-time scale analysis of hydrogen and oxygen isotope characteristics and influence factors in precipitation in Vienna. <i>MATEC Web of Conferences</i> , 2018, 246, 02011.	0.1	1
3626	Impact of Convective Activity on Precipitation $\delta^{18}\text{O}$ in Isotope-Enabled General Circulation Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,595.	1.2	22
3627	Export flux of unprocessed atmospheric nitrate from temperate forested catchments: a possible new index for nitrogen saturation. <i>Biogeosciences</i> , 2018, 15, 7025-7042.	1.3	16
3629	What climate signal is contained in decadal- to centennial-scale isotope variations from Antarctic ice cores?. <i>Climate of the Past</i> , 2018, 14, 2053-2070.	1.3	36
3630	Geochemical and Isotopic Evidence of Groundwater Salinization Processes in El Dabaa Area, Northwestern Coast, Egypt. <i>Geosciences (Switzerland)</i> , 2018, 8, 392.	1.0	14

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3631	Connecting the Greenland ice-core and Ua <sup>234</sup> Th timescales via cosmogenic radionuclides: testing the synchronicity of Dansgaard-Oeschger events. <i>Climate of the Past</i> , 2018, 14, 1755-1781.	1.3	62
3632	Application of the pore water stable isotope method and hydrogeological approaches to characterise a wetland system. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6023-6041.	1.9	9
3633	Epipalaeolithic and Neolithic gazelle hunting in the Badia of north-east Jordan. Reconstruction of seasonal movements of herds by stable isotope and dental microwear analyses. <i>Levant</i> , 2018, 50, 127-172.	0.3	7
3634	Hydro-Geochemical Water Inputs Identification in Glacierized Basin Hydrology. , 0, , .		0
3635	Seasonal variation in isotopic composition and the origin of precipitation over Bangladesh. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	1.1	22
3637	Chronology, stable isotopes, and glaciochemistry of perennial ice in Strickler Cavern, Idaho, USA. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 175-192.	1.6	7
3638	Water and Organic Carbon Cycles in Monsoon-driven Humid Tropics of the Western Ghats Mountain Belt, India: Insights from Stable Isotope Approach. <i>Journal of the Geological Society of India</i> , 2018, 92, 579-587.	0.5	4
3639	Restricted pasturing of domesticated cattle at a Late Neolithic settlement in Central Germany. <i>Journal of Archaeological Science: Reports</i> , 2018, 22, 285-297.	0.2	6
3640	Global-scale proxy system modelling of oxygen isotopes in lacustrine carbonates: New insights from isotope-enabled-model proxy-data comparison. <i>Quaternary Science Reviews</i> , 2018, 202, 19-29.	1.4	7
3641	Using Carbon Isotope Fractionation to Constrain the Extent of Methane Dissolution Into the Water Column Surrounding a Natural Hydrocarbon Gas Seep in the Northern Gulf of Mexico. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 4459-4475.	1.0	24
3642	Climate variability on the Adriatic seaboard during the last glacial inception and MIS 5c from Frassassi Cave stalagmite record. <i>Quaternary Science Reviews</i> , 2018, 201, 349-361.	1.4	12
3643	Isotopic evidence for Holocene January air temperature variability on the East Chukotka Peninsula. <i>Permafrost and Periglacial Processes</i> , 2018, 29, 283-297.	1.5	11
3644	Quantification of water and sewage leakages from urban infrastructure into a shallow aquifer in East Ukraine. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	17
3645	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
3647	Application of isoscapes to determine geographic origin of terrestrial wildlife for conservation and management. <i>Biological Conservation</i> , 2018, 228, 268-280.	1.9	34
3648	Spatial and Seasonal Variation of O and H Isotopes in the Jiulong River, Southeast China. <i>Water (Switzerland)</i> , 2018, 10, 1677.	1.2	33
3649	Origin and residence time of shallow groundwater resources in Lagos coastal basin, south-west Nigeria: An isotopic approach. <i>Heliyon</i> , 2018, 4, e00932.	1.4	16
3650	Characteristics of Hydrogen and Oxygen Stable Isotopes of Different Water Bodies in Peixian Coal Mining Subsidence Area in Jiangsu Province, China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 151, 012008.	0.2	1

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3651	IUPAC Periodic Table of the Elements and Isotopes (IPTEI) for the Education Community (IUPAC) Tj ETQq0 0 0 rgBT/Qverlock,10 Tf 50 7	0.9	66
3652	Evaluation of lacustrine groundwater discharge, hydrologic partitioning, and nutrient budgets in a proglacial lake in the Qinghai-Tibet Plateau: using $\delta^{222}\text{Rn}$ and stable isotopes. Hydrology and Earth System Sciences, 2018, 22, 5579-5598.	1.9	26
3653	Hydro-climatic variability in the southwestern Indian Ocean between 6000 and 3000 years ago. Climate of the Past, 2018, 14, 1881-1891.	1.3	18
3654	Hydrogeochemical investigation of geothermal springs in Erzurum, East Anatolia (Turkey). Environmental Earth Sciences, 2018, 77, 1.	1.3	6
3655	A Review on the Methods for Observing the Substance and Energy Exchange between Atmosphere Boundary Layer and Free Troposphere. Atmosphere, 2018, 9, 460.	1.0	5
3656	Seasonal variation in stable isotope compositions of waters from a Himalayan river: Estimation of glacier melt contribution. Hydrological Processes, 2018, 32, 3866-3880.	1.1	12
3657	The paleoclimatic implication of oxygen isotopes of authigenic carbonates in loess on the Northeastern Tibetan Plateau since Last Glacial Maximum. Progress in Physical Geography, 2018, 42, 826-840.	1.4	2
3658	Spatial-seasonal patterns reveal large-scale atmospheric controls on Asian Monsoon precipitation water isotope ratios. Earth and Planetary Science Letters, 2018, 503, 158-169.	1.8	68
3659	The Impact of Slab Rollback on Earth's Surface: Uplift and Extension in the Hinterland of the North American Cordillera. Geophysical Research Letters, 2018, 45, 10,996.	1.5	43
3660	Combining metal and nonmetal isotopic measurements in barite to identify mode of formation. Chemical Geology, 2018, 500, 148-158.	1.4	19
3661	Transference of isotopic signal from rainfall to dripwaters and farmed calcite in Mediterranean semi-arid karst. Geochimica Et Cosmochimica Acta, 2018, 243, 66-98.	1.6	23
3662	Sources Identification of Nitrogen Using Major Ions and Isotopic Tracers in Shenyang, China. Geofluids, 2018, 2018, 1-11.	0.3	7
3663	Isotopic Characteristics of Precipitation and Origin of Moisture Sources in Hemuqiao Catchment, a Small Watershed in the Lower Reach of Yangtze River. Water (Switzerland), 2018, 10, 1170.	1.2	17
3664	Insight into the stable isotopic composition of glacial lakes in a tropical alpine ecosystem: $\delta^{13}\text{C}$ , $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ . Hydrological Processes, 2018, 32, 3588-3603.	1.1	25
3665	Variations of $\delta^{18}\text{O}$ in Rivers of Crimea in Winter. Water Resources, 2018, 45, 776-784.	0.3	1
3666	A Wetter Arctic Coincident With Hemispheric Warming 8,000 Years Ago. Geophysical Research Letters, 2018, 45, 10,637.	1.5	40
3667	Snowmelt runoff and groundwater discharge in Himalayan rivers: a case study of the Satluj River, NW India. Environmental Earth Sciences, 2018, 77, 1.	1.3	16
3668	Hydrological study of Lyngmossen bog, Sweden: Isotopic tracers ( $^3\text{H}$ , $^2\text{H}$ and $^{18}\text{O}$ ) imply three waters with different mobilities. Quaternary Science Reviews, 2018, 199, 97-107.	1.4	4

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3669	Characteristics of Hydrogen and Oxygen Isotopes in Produced Water and Productivity Response of Coalbed Methane Wells in Western Guizhou. <i>Energy &amp; Fuels</i> , 2018, 32, 11203-11211.	2.5	18
3670	Stable Isotope Approaches in Vadose Zone Research. <i>Vadose Zone Journal</i> , 2018, 17, 180096.	1.3	18
3671	Ice core evidence for decoupling between midlatitude atmospheric water cycle and Greenland temperature during the last deglaciation. <i>Climate of the Past</i> , 2018, 14, 1405-1415.	1.3	29
3672	Cellulose oxygen isotopic composition of teak ( <i>Tectona grandis</i> ) collected from Java Island: a tool for dendrochronological and dendroclimatological analysis. <i>Dendrochronologia</i> , 2018, 52, 80-86.	1.0	5
3673	Reply to comments by Nutz and Schuster (2018) on "A leaf wax biomarker record of early Pleistocene hydroclimate from West Turkana, Kenya". <i>Quaternary Science Reviews</i> , 2018, 201, 508-510.	1.4	3
3674	Groundwater quality assessment of the Takelsa phreatic aquifer (Northeastern Tunisia) using geochemical and statistical methods: implications for aquifer management and end-users. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36306-36327.	2.7	31
3675	Ideas and perspectives: Tracing terrestrial ecosystem water fluxes using hydrogen and oxygen stable isotopes " challenges and opportunities from an interdisciplinary perspective. <i>Biogeosciences</i> , 2018, 15, 6399-6415.	1.3	115
3676	A hierarchical framework for disentangling different controls on leaf wax $\delta^{13}C$ -alkane values in terrestrial higher plants. <i>Quaternary Science Reviews</i> , 2018, 201, 409-417.	1.4	22
3677	Oxygen and Hydrogen Isotopes of Precipitation in a Rocky Mountainous Area of Beijing to Distinguish and Estimate Spring Recharge. <i>Water (Switzerland)</i> , 2018, 10, 705.	1.2	7
3678	Controls on $\delta^{18}O$ , $\delta^{13}C$ and $\delta^{18}O$ -salinity relationship in the northern Indian Ocean. <i>Marine Chemistry</i> , 2018, 207, 55-62.	0.9	18
3679	Composition of stable isotope in precipitation and its influences by different vapor sources in the eastern Qilian Mountains. <i>Journal of Mountain Science</i> , 2018, 15, 2207-2217.	0.8	6
3680	Stable isotope analysis of water sources for <i>Tamarix laxa</i> in the mega-dunes of the Badain Jaran Desert, China. <i>Journal of Arid Land</i> , 2018, 10, 821-832.	0.9	5
3681	Reconstructing Terrestrial Paleoenvironments Using Sedimentary Organic Biomarkers. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2018, , 121-149.	0.1	3
3682	Isotope Ecology from Biominerals. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2018, , 99-120.	0.1	4
3683	Antarctic Stable Isotopes. , 2018, , .		1
3684	Wintertime stress, nursing, and lead exposure in Neanderthal children. <i>Science Advances</i> , 2018, 4, eaau9483.	4.7	63
3685	Late Holocene ice-wedge polygon dynamics in northeastern Siberian coastal lowlands. <i>Arctic, Antarctic, and Alpine Research</i> , 2018, 50, .	0.4	7
3686	Characteristic and Mixing Mechanisms of Thermal Fluid at the Tampomas Volcano, West Java, Using Hydrogeochemistry, Stable Isotope and $^{222}Rn$ Analyses. <i>Geosciences (Switzerland)</i> , 2018, 8, 103.	1.0	7



#	ARTICLE	IF	CITATIONS
3687	Potential ENSO effects on the oxygen isotope composition of modern speleothems: Observations from Jiguan Cave, central China. <i>Journal of Hydrology</i> , 2018, 566, 164-174.	2.3	28
3688	The effect of Indian Summer Monsoon rainfall on surface water $\delta D$ values in the central Himalaya. <i>Hydrological Processes</i> , 2018, 32, 3662-3674.	1.1	9
3689	The evolution of hydroclimate in Asia over the Cenozoic: A stable-isotope perspective. <i>Earth-Science Reviews</i> , 2018, 185, 1129-1156.	4.0	71
3690	Evaluation of Factors Driving Seasonal Nitrate Variations in Surface and Underground Systems of a Karst Catchment. <i>Vadose Zone Journal</i> , 2018, 17, 1-10.	1.3	24
3691	Stable Water Isotopologues in the Stratosphere Retrieved from Odin/SMR Measurements. <i>Remote Sensing</i> , 2018, 10, 166.	1.8	4
3692	Assessments of seasonal groundwater recharge and discharge using environmental stable isotopes at Lower Muda River Basin, Malaysia. <i>Applied Water Science</i> , 2018, 8, 1.	2.8	11
3693	Environmental conditions framing the first evidence of modern humans at Tam P $\tilde{a}$ Ling, Laos: A stable isotope record from terrestrial gastropod carbonates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 352-363.	1.0	14
3694	On the similarity and apparent cycles of isotopic variations in East Antarctic snow pits. <i>Cryosphere</i> , 2018, 12, 169-187.	1.5	45
3695	Differential use of winter precipitation by upper and lower elevation Douglas fir in the Northern Rockies. <i>Global Change Biology</i> , 2018, 24, 5607-5621.	4.2	41
3696	Using deuterium excess, precipitation and runoff data to determine evaporation and transpiration: A case study from the Shawan Test Site, Puding, Guizhou, China. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 242, 21-33.	1.6	31
3697	Arctic hydroclimate variability during the last 2000 years: current understanding and research challenges. <i>Climate of the Past</i> , 2018, 14, 473-514.	1.3	54
3698	Increased effective moisture in northern Vietnam during the Little Ice Age. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 449-461.	1.0	10
3699	Tracer-based estimation of temporal variation of water sources: an insight from supra- and subglacial environments. <i>Hydrological Sciences Journal</i> , 2018, 63, 1717-1732.	1.2	6
3700	Assessment of Northeastern Japan Tree-Ring Oxygen Isotopes for Reconstructing Early Summer Hydroclimate and Spring Arctic Oscillation. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3520-3528.	1.0	6
3701	Isotopic response of runoff to forest disturbance in small mountain catchments. <i>Hydrological Processes</i> , 2018, 32, 3650-3661.	1.1	14
3702	Leaf wax $\delta D$ inferring variable medieval hydroclimate and early initiation of Little Ice Age (LIA) dryness in southern Mozambique. <i>Global and Planetary Change</i> , 2018, 170, 221-233.	1.6	10
3703	An Arctic Ocean paleosalinity proxy from $\delta H$ of palmitic acid provides evidence for deglacial Mackenzie River flood events. <i>Quaternary Science Reviews</i> , 2018, 198, 76-90.	1.4	8
3704	Understanding snow hydrological processes through the lens of stable water isotopes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1311.	2.8	76

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3705	The stable isotope ecology of early (3100â€B.P.) hunter-gatherers/farmers from Tula, Tamaulipas, Mexico. Isotopic evidence in bone and teeth. <i>Journal of Archaeological Science: Reports</i> , 2018, 21, 794-809.	0.2	2
3706	Simulating the Last Interglacial Greenland stable water isotope peak: The role of Arctic sea ice changes. <i>Quaternary Science Reviews</i> , 2018, 198, 1-14.	1.4	16
3707	Concomitant variability in high-latitude aerosols, water isotopes and the hydrologic cycle. <i>Nature Geoscience</i> , 2018, 11, 853-859.	5.4	39
3708	A hydrochemistry and multi-isotopic study of groundwater origin and hydrochemical evolution in the middle reaches of the Kuye River basin. <i>Applied Geochemistry</i> , 2018, 98, 82-93.	1.4	51
3709	Effect of heat and singeing on stable hydrogen isotope ratios of bird feathers and implications for their use in determining geographic origin. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1859-1866.	0.7	2
3710	Examination of deep root water uptake using anomalies of soil water stable isotopes, depth-controlled isotopic labeling and mixing models. <i>Journal of Hydrology</i> , 2018, 566, 122-136.	2.3	67
3711	Substrate control of C4 plant abundance in the Himalayan foreland: A study based on inter-basinal records from Plio-Pleistocene Siwalik Group sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 341-351.	1.0	18
3712	Palaeoenvironmental changes recorded by speleothems of the southern Alps (Piani Eterni, Belluno, Italy). <i>Quaternary Science Reviews</i> , 2018, 198, 319-335.	1.4	32
3713	Diet and foodways across five millennia in the Cusco region of Peru. <i>Journal of Archaeological Science</i> , 2018, 98, 137-148.	1.2	21
3714	Reconciling glacial Antarctic water stable isotopes with ice sheet topography and the isotopic paleothermometer. <i>Nature Communications</i> , 2018, 9, 3537.	5.8	47
3715	Contributions of Atmospheric Transport and Rainâ€Vapor Exchange to Near-Surface Water Vapor in the Zhanjiang Mangrove Reserve, Southern China: An Isotopic Perspective. <i>Atmosphere</i> , 2018, 9, 365.	1.0	5
3716	Stable isotopes and diets of Pleistocene horses from southern North America and South America: similarities and differences. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2018, 98, 663-674.	0.6	2
3717	Isotopic evidence for ecological and climate change in the richly fossiliferous Plio-Pleistocene Upper Siwalik deposits exposed around Chandigarh, India. <i>Journal of Asian Earth Sciences</i> , 2018, 163, 32-42.	1.0	6
3718	Isotope hydrology of a tropical coffee agroforestry watershed: Seasonal and event-based analyses. <i>Hydrological Processes</i> , 2018, 32, 1965-1977.	1.1	6
3719	Formation of a Rain Shadow: O and H Stable Isotope Records in Authigenic Clays From the Siwalik Group in Eastern Bhutan. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3430-3447.	1.0	11
3720	Stable isotope signatures in white-tailed deer as a seasonal paleoenvironmental proxy: A case study from Georgia, United States. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 505, 53-62.	1.0	9
3721	Meteoric water lines in arid Central Asia using event-based and monthly data. <i>Journal of Hydrology</i> , 2018, 562, 435-445.	2.3	29
3722	Stable isotopes in water vapor and rainwater over Indian sector of Southern Ocean and estimation of fraction of recycled moisture. <i>Scientific Reports</i> , 2018, 8, 7552.	1.6	23

#	ARTICLE	IF	CITATIONS
3723	Variable apparent hydrogen isotopic fractionation between sedimentary n-alkanes and precipitation on the Tibetan Plateau. <i>Organic Geochemistry</i> , 2018, 122, 78-86.	0.9	30
3724	Rainfall as primary driver of discharge and solute export from rock glaciers: The Col d'Olen Rock Glacier in the NW Italian Alps. <i>Science of the Total Environment</i> , 2018, 639, 316-330.	3.9	29
3725	Interpreting Precession-Driven $\delta^{18}O$ Variability in the South Asian Monsoon Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5927-5946.	1.2	49
3726	Using stable isotopes to estimate travel times in a data-sparse Arctic catchment: Challenges and possible solutions. <i>Hydrological Processes</i> , 2018, 32, 1936-1952.	1.1	34
3727	Meteoric $^{10}Be$ as a tracer of subglacial processes and interglacial surface exposure in Greenland. <i>Quaternary Science Reviews</i> , 2018, 191, 118-131.	1.4	8
3728	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
3729	ASSESSING THE EARLY HOLOCENE ENVIRONMENT OF NORTHWESTERN GUYANA: AN ISOTOPIC ANALYSIS OF HUMAN AND FAUNAL REMAINS. <i>Latin American Antiquity</i> , 2018, 29, 279-292.	0.3	3
3730	Assessment of the anthropogenic fluoride export in Addis Ababa urban environment (Ethiopia). <i>Journal of Geochemical Exploration</i> , 2018, 190, 390-399.	1.5	18
3731	Approaches and challenges to the study of loess—Introduction to the LoessFest Special Issue. <i>Quaternary Research</i> , 2018, 89, 563-618.	1.0	92
3732	Freshwater pearl mussels as a stream water stable isotope recorder. <i>Ecohydrology</i> , 2018, 11, e2007.	1.1	11
3733	Stable isotope composition of precipitation at different elevations in the monsoon marginal zone. <i>Quaternary International</i> , 2018, 493, 86-95.	0.7	15
3734	The Holocene isotopic record of aquatic cellulose from Lake Võrtsjärvi, Estonia: Influence of changing climate and organic-matter sources. <i>Quaternary Science Reviews</i> , 2018, 193, 68-83.	1.4	12
3735	What controls the stable isotope composition of precipitation in the Mekong Delta? A model-based statistical approach. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 1239-1262.	1.9	44
3736	Geochemical and isotopic approach to decrypt the groundwater salinization origin of coastal aquifers from semi-arid areas (Essaouira basin, Western Morocco). <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	22
3737	The Fe-Zn Isotopic Characteristics and Fractionation Models: Implications for the Genesis of the Zhaxikang Sb-Pb-Zn-Ag Deposit in Southern Tibet. <i>Geofluids</i> , 2018, 2018, 1-23.	0.3	8
3738	Hybrid insolation forcing of Pliocene monsoon dynamics in West Africa. <i>Climate of the Past</i> , 2018, 14, 73-84.	1.3	25
3739	Biomarker hydrogen isotope composition ( $\delta^2H$ ) as proxy for Holocene hydroclimatic change and seismic activity in SW Peloponnese, Greece. <i>Journal of Quaternary Science</i> , 2018, 33, 563-574.	1.1	18
3740	The transfer of oxygen isotopic signals from precipitation to drip water and modern calcite on the seasonal time scale in Yongxing Cave, central China. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	13

#	ARTICLE	IF	CITATIONS
3741	Forensic Identification of Human Skeletal Remains Using Isotopes. , 2018, , 157-173.		20
3742	Applications of Stable Isotope Forensics for Geolocating Unidentified Human Remains From Past Conflict Situations and Large-Scale Humanitarian Efforts. , 2018, , 175-184.		11
3743	Isotopic composition of daily precipitation along the southern foothills of the Himalayas: impact of marine and continental sources of atmospheric moisture. Atmospheric Chemistry and Physics, 2018, 18, 8789-8805.	1.9	56
3744	Quantification of groundwater-surface water interactions using environmental isotopes: A case study of Bringi Watershed, Kashmir Himalayas, India. Journal of Earth System Science, 2018, 127, 1.	0.6	13
3745	Reduced dry season transpiration is coupled with shallow soil water use in tropical montane forest trees. Oecologia, 2018, 188, 303-317.	0.9	21
3746	Hydrochemical Characteristics and Formation of the Madeng Hot Spring in Yunnan, China. Geofluids, 2018, 2018, 1-11.	0.3	3
3747	Identifying evaporation fractionation and streamflow components based on stable isotopes in the Kaidu River Basin with mountain-oasis system in north-west China. Hydrological Processes, 2018, 32, 2423-2434.	1.1	25
3748	Groundwater and surface water connectivity within the recharge area of Guarani aquifer system during El Niño 2014-2016. Hydrological Processes, 2018, 32, 2483-2495.	1.1	22
3749	Inferring the source of evaporated waters using stable H and O isotopes. Oecologia, 2018, 187, 1025-1039.	0.9	82
3750	Water stable isotope spatio-temporal variability in Antarctica in 1960-2013: observations and simulations from the ECHAM5-wiso atmospheric general circulation model. Climate of the Past, 2018, 14, 923-946.	1.3	26
3751	The sources and dispersal of nitrate in multiple waters, constrained by multiple isotopes, in the Wudalianchi region, northeast China. Environmental Science and Pollution Research, 2018, 25, 24348-24361.	2.7	10
3752	Temporal and Spatial Variations of Precipitation $\delta^{18}\text{O}$ and Controlling Factors on the Pearl River Basin and Adjacent Regions. Advances in Meteorology, 2018, 2018, 1-15.	0.6	3
3753	Numerical Evaluation of the Modern and Future Origins of Atmospheric River Moisture Over the West Coast of the United States. Journal of Geophysical Research D: Atmospheres, 2018, 123, 6423-6442.	1.2	32
3754	Abrupt climate change at ~2800 yr BP evidenced by a stalagmite record from peninsular India. Holocene, 2018, 28, 1720-1730.	0.9	20
3755	Stable isotopic composition of atmospheric precipitation on the Crimean Peninsula and its controlling factors. Journal of Hydrology, 2018, 565, 61-73.	2.3	25
3756	The role of fog, orography, and seasonality on precipitation in a semiarid, tropical island. Hydrological Processes, 2018, 32, 2792-2805.	1.1	11
3757	Insights into groundwater salinization from hydrogeochemical and isotopic evidence in an arid inland basin. Hydrological Processes, 2018, 32, 3108-3127.	1.1	29
3758	Measuring and Modeling Stable Isotopes of Mobile and Bulk Soil Water. Vadose Zone Journal, 2018, 17, 1-18.	1.3	84

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3759	Characterization of surface water isotope spatial patterns of Scotland. <i>Journal of Geochemical Exploration</i> , 2018, 194, 71-80.	1.5	20
3760	Groundwater age dating and recharge mechanism of Arusha aquifer, northern Tanzania: application of radioisotope and stable isotope techniques. <i>Hydrogeology Journal</i> , 2018, 26, 2693-2706.	0.9	8
3761	A full-mission data set of H <sub>2</sub> O and HDO columns from SCIAMACHY 2.3-µm reflectance measurements. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3339-3350.	1.2	8
3762	Imprints of Climate Signals in a 204 Year <sup>18</sup> O Tree-Ring Record of <i>Nothofagus pumilio</i> From Perito Moreno Glacier, Southern Patagonia (50°S). <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	12
3763	Stable Isotopic Characteristics and Influencing Factors in Precipitation in the Monsoon Marginal Region of Northern China. <i>Atmosphere</i> , 2018, 9, 97.	1.0	20
3764	A Review of Paleo El Niño-Southern Oscillation. <i>Atmosphere</i> , 2018, 9, 130.	1.0	54
3765	Use of Water Balance and Tracer-Based Approaches to Monitor Groundwater Recharge in the Hyper-Arid Gobi Desert of Northwestern China. <i>Environments - MDPI</i> , 2018, 5, 55.	1.5	7
3766	Plant Water Use Strategy in Response to Spatial and Temporal Variation in Precipitation Patterns in China: A Stable Isotope Analysis. <i>Forests</i> , 2018, 9, 123.	0.9	21
3767	Spatiotemporal distribution of river water stable isotope compositions and variability of lapse rate in the central Rocky Mountains: Controlling factors and implications for paleoelevation reconstruction. <i>Earth and Planetary Science Letters</i> , 2018, 496, 215-226.	1.8	16
3768	Effects of climatic seasonality on the isotopic composition of evaporating soil waters. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2881-2890.	1.9	124
3769	A Climatology of Strong Large-Scale Ocean Evaporation Events. Part II: Relevance for the Deuterium Excess Signature of the Evaporation Flux. <i>Journal of Climate</i> , 2018, 31, 7313-7336.	1.2	26
3770	Decreasing Indian summer monsoon on the northern Indian sub-continent during the last 180 years: evidence from five tree-ring cellulose oxygen isotope chronologies. <i>Climate of the Past</i> , 2018, 14, 653-664.	1.3	73
3771	Patterns of Evaporation and Precipitation Drive Global Isotopic Changes in Atmospheric Moisture. <i>Geophysical Research Letters</i> , 2018, 45, 7093-7101.	1.5	25
3772	Liana and tree below-ground water competition—evidence for water resource partitioning during the dry season. <i>Tree Physiology</i> , 2018, 38, 1071-1083.	1.4	58
3774	Application of Stable Isotope Tracer to Study Runoff Generation during Different Types of Rainfall Events. <i>Water (Switzerland)</i> , 2018, 10, 538.	1.2	6
3775	Spatio-Temporal Variations of the Stable H-O Isotopes and Characterization of Mixing Processes between the Mainstream and Tributary of the Three Gorges Reservoir. <i>Water (Switzerland)</i> , 2018, 10, 563.	1.2	16
3776	Eastern Mediterranean hydroclimate reconstruction over the last 3600 years based on sedimentary n-alkanes, their carbon and hydrogen isotope composition and XRF data from the Gialova Lagoon, SW Greece. <i>Quaternary Science Reviews</i> , 2018, 194, 77-93.	1.4	38
3777	Climatic and environmental controls on stable isotopes in atmospheric water vapor near the surface observed in Changsha, China. <i>Atmospheric Environment</i> , 2018, 189, 252-263.	1.9	22

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3778	Ice wedges as archives of winter paleoclimate: A review. <i>Permafrost and Periglacial Processes</i> , 2018, 29, 199-209.	1.5	47
3779	Assimilation and discrimination of hydrogen isotopes in a terrestrial mammal. <i>Oecologia</i> , 2018, 188, 381-393.	0.9	10
3780	Seasonal Patterns of Water Cycling in a Deep, Continental Mountain Valley Inferred From Stable Water Vapor Isotopes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7271-7291.	1.2	25
3781	Precipitation Origins and Key Drivers of Precipitation Isotope ( $\delta^{18}O$ , $\delta^2H$ , and) Tj ETQq1 1 0.784314 rgBT /Over 123, 7311-7330.	1.2	26
3782	Lipid compound classes display diverging hydrogen isotope responses in lakes along a nutrient gradient. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 103-119.	1.6	18
3783	Holocene thermokarst and pingo development in the Kolyma Lowland (NE Siberia). <i>Permafrost and Periglacial Processes</i> , 2018, 29, 182-198.	1.5	26
3784	Tracing groundwater salinization processes in an inland aquifer: A hydrogeochemical and isotopic approach in Sminja aquifer (Zaghouan, northeast of Tunisia). <i>Journal of African Earth Sciences</i> , 2018, 147, 511-522.	0.9	21
3785	Kinetic processes and stable isotopes in cave dripwaters as indicators of winter severity. <i>Hydrological Processes</i> , 2018, 32, 2856-2862.	1.1	13
3786	Rainfall isotope variations over the Australian continent – Implications for hydrology and isoscape applications. <i>Science of the Total Environment</i> , 2018, 645, 630-645.	3.9	69
3787	Theoretical and Experiment Principles. <i>Springer Textbooks in Earth Sciences, Geography and Environment</i> , 2018, , 1-51.	0.1	1
3788	Variations of Stable Isotope Ratios in Nature. <i>Springer Textbooks in Earth Sciences, Geography and Environment</i> , 2018, , 229-432.	0.1	4
3790	Application of Water Isotopes to Identify the Sources of Groundwater Recharge in a Karstified Landscape of Western Himalaya. <i>Journal of Climate Change</i> , 2018, 4, 37-47.	0.2	6
3791	Hydroclimatic significance of stable isotopes in precipitation from glaciers of Garhwal Himalaya, Upper Ganga Basin (UGB), India. <i>Hydrological Processes</i> , 2018, 32, 1874-1893.	1.1	24
3792	A simplified silver phosphate extraction method for oxygen isotope analysis of bioapatite. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1237-1242.	0.7	4
3793	Hydrological insights from hydrogen and oxygen isotopes in Source Area of the Yellow River, east-northern part of Qinghai-Tibet Plateau. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 131-144.	0.7	15
3794	Water source niche overlap increases with site moisture availability in woody perennials. <i>Plant Ecology</i> , 2018, 219, 719-735.	0.7	23
3795	Predicting Spatial Patterns in Precipitation Isotope ( $\delta^2H$ and $\delta^{18}O$ ) Seasonality Using Sinusoidal Isoscapes. <i>Geophysical Research Letters</i> , 2018, 45, 4859-4868.	1.5	46
3796	Stable isotope compositions ( $\delta^2H$ , $\delta^{18}O$ and $\delta^{17}O$ ) of rainfall and snowfall in the central United States. <i>Scientific Reports</i> , 2018, 8, 6712.	1.6	69

#	ARTICLE	IF	CITATIONS
3798	Stable-Isotope Techniques to Investigate Sources of Plant Water. , 2018, , 439-456.		7
3799	Optimization of oxygen-18 ratio measurements by equilibration " Isotope ratio mass spectrometry using various water content matrices. <i>Talanta</i> , 2018, 189, 653-656.	2.9	2
3800	Net fractionation of hydrogen isotopes in n-alkanoic acids from soils in the northern boreal forest. <i>Organic Geochemistry</i> , 2018, 125, 1-13.	0.9	12
3801	The stable isotope composition of organic and inorganic fossils in lake sediment records: Current understanding, challenges, and future directions. <i>Quaternary Science Reviews</i> , 2018, 196, 154-176.	1.4	43
3802	Multi-isotope provenancing of archaeological skeletons including cremations in a reference area of the European Alps. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1711-1727.	0.7	11
3803	Application of Stable Isotope Analyses to Primate Ecology: A Review. <i>Primate Research</i> , 2018, 34, 17-30.	0.0	0
3804	Modification of the isotopic composition of rainfall by throughfall and stemflow: The case of Scots pine and downy oak forests under Mediterranean conditions. <i>Ecohydrology</i> , 2018, 11, e2025.	1.1	13
3805	Conditions of pinnacle formation and glass hydration in cooling ignimbrite sheets from H and O isotope systematics at Crater Lake and the Valley of Ten Thousand Smokes. <i>Earth and Planetary Science Letters</i> , 2018, 500, 56-66.	1.8	27
3806	Impact of additional dead carbon on the circulation estimation of thermal springs exposed from deep-seated faults in the Dongguan basin, southern China. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 361, 1-11.	0.8	19
3807	Stable isotope signatures of meteoric water in the Cuvelai-Etoshia Basin, Namibia: Seasonal characteristics, trends and relations to southern African patterns. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 588-607.	0.5	8
3808	Influence of stratiform clouds on $\delta D$ and $\delta^{18}O$ of monsoon water vapour and rain at two tropical coastal stations. <i>Journal of Hydrology</i> , 2018, 563, 354-362.	2.3	26
3809	Water Quality and Hydrologic Performance of a Regenerative Stormwater Conveyance in the Piedmont of North Carolina. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, .	0.7	8
3810	Moisture rainout fraction over the Indian Ocean during austral summer based on $\delta^{18}O/\delta^{16}O$ ratios of surface seawater, rainwater at latitude range of $10^{\circ}N$ – $60^{\circ}S$ . <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	2
3811	Isotopic composition of atmospheric precipitation and its tracing significance in the Laohequ Basin, Loess plateau, China. <i>Science of the Total Environment</i> , 2018, 640-641, 989-996.	3.9	17
3812	Distribution of stable isotopes in water from an alpine river in China. <i>Water Practice and Technology</i> , 2018, 13, 371-381.	1.0	2
3813	Employing stable isotopes to determine the residence times of soil water and the temporal origin of water taken up by <i>Fagus sylvatica</i> and <i>Picea abies</i> in a temperate forest. <i>New Phytologist</i> , 2018, 219, 1300-1313.	3.5	115
3814	Influence of land use on distribution of soil n-alkane $\delta D$ and $\delta^{13}C$ along an altitudinal transect in Ethiopia: Implications for (paleo)environmental studies. <i>Organic Geochemistry</i> , 2018, 124, 77-87.	0.9	18
3815	Rapid late Miocene surface uplift of the Central Anatolian Plateau margin. <i>Earth and Planetary Science Letters</i> , 2018, 497, 29-41.	1.8	42

#	ARTICLE	IF	CITATIONS
3816	Late Middle Pleistocene ecology and climate in Northeastern Thailand inferred from the stable isotope analysis of Khok Sung herbivore tooth enamel and the land mammal cenogram. <i>Quaternary Science Reviews</i> , 2018, 193, 24-42.	1.4	33
3817	Of cattle and feasts: Multi-isotope investigation of animal husbandry and communal feasting at Neolithic Makriyalos, northern Greece. <i>PLoS ONE</i> , 2018, 13, e0194474.	1.1	26
3818	Water Chemistry and Stable Isotopes of Different Water Types in Tajikistan. <i>Environmental Processes</i> , 2018, 5, 127-137.	1.7	11
3819	The Provenance of Terrigenous Components in Marine Sediments Along the East Coast of Southern Africa. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1946-1962.	1.0	13
3820	Water circulation in karst systems: comparing physicochemical and environmental isotopic data interpretation. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	5
3821	Multi-isotope evidence for cattle droving at Roman Worcester. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 6-17.	0.2	8
3822	Increased climate seasonality during the late glacial in the Gebel Akhdar, Libya. <i>Quaternary Science Reviews</i> , 2018, 192, 225-235.	1.4	7
3823	South African crustal fracture fluids preserve paleometeoric water signatures for up to tens of millions of years. <i>Chemical Geology</i> , 2018, 493, 379-395.	1.4	22
3824	Earliest Eocene cold period and polar amplification - Insights from $\delta^{2}\text{H}$ values of lignin methoxyl groups of mummified wood. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 505, 326-336.	1.0	17
3825	Cracking the egg: the use of modern and fossil eggs for ecological, environmental and biological interpretation. <i>Royal Society Open Science</i> , 2018, 5, 180006.	1.1	19
3826	Environmental Isotopes in Groundwater Applications. , 2019, , 77-146.		0
3827	Heat budget contribute rate in the Three Gorges Reservoir tributary bay between mainstream and tributary using stable isotope analysis. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 553-564.	1.0	5
3828	Typology of hard rock ground waters within the Lower Sassandra, a main catchment in humid tropical West Africa. <i>Geological Society Special Publication</i> , 2019, 479, 11-33.	0.8	4
3829	Dynamic variation characteristics of water chemistries and isotopes in a typical karst aquiferous system and their implications for the local karst water cycle, Southwest China. <i>Carbonates and Evaporites</i> , 2019, 34, 987-1001.	0.4	5
3830	Reconstructing intra-annual growth of freshwater mussels using oxygen isotopes. <i>Chemical Geology</i> , 2019, 526, 7-22.	1.4	11
3831	Source and fate of nitrate in contaminated groundwater systems: Assessing spatial and temporal variations by hydrogeochemistry and multiple stable isotope tools. <i>Science of the Total Environment</i> , 2019, 647, 1121-1136.	3.9	82
3832	Late Pleistocene and Holocene ice-wedge activity on the Blackstone Plateau, central Yukon, Canada. <i>Quaternary Research</i> , 2019, 91, 179-193.	1.0	26
3833	Migration strategies of brown trout ( <i>Salmo trutta</i> ) in a subarctic river system as revealed by stable isotope analysis. <i>Ecology of Freshwater Fish</i> , 2019, 28, 53-61.	0.7	7



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3834	14C chronology and stable isotopes on Lymnaea viatrix shells in northwest Patagonia, Argentina. Do they express the Antarctic climatic reversal?. Carbonates and Evaporites, 2019, 34, 133-142.	0.4	1
3835	Ice Caves in Romania. Cave and Karst Systems of the World, 2019, , 455-465.	0.1	5
3836	National-scale variations in the stable isotopic compositions of irrigation-pond and spring waters across Japan. Paddy and Water Environment, 2019, 17, 429-438.	1.0	3
3837	Groundwater recharge by high-salinity lake water in a density-driven flow dominated system: an isotopic approach. E3S Web of Conferences, 2019, 98, 12024.	0.2	2
3838	New evidences on groundwater dynamics from the Souss-Massa system (Morocco): Insights gained from dissolved noble gases. Applied Geochemistry, 2019, 109, 104395.	1.4	11
3839	East Asian summer monsoon climates and cave hydrological cycles over Dansgaard-Oeschger events 14 to 11 revealed by a new stalagmite record from Hulu Cave. Quaternary Research, 2019, 92, 725-737.	1.0	7
3840	100 Years of Progress on Mountain Meteorology Research. Meteorological Monographs, 2019, 59, 20.1-20.73.	5.0	41
3841	Chemo-isotopes ( $^{18}\text{O}$ & $^2\text{H}$ ) signatures and HYSPLIT model application: Clues to the atmospheric moisture and air mass origins. Atmospheric Environment, 2019, 215, 116892.	1.9	33
3842	Hydroclimatic variability in Southeast Asia over the past two millennia. Earth and Planetary Science Letters, 2019, 525, 115737.	1.8	31
3843	Influence of plant growth form, habitat and season on leaf-wax n-alkane hydrogen-isotopic signatures in equatorial East Africa. Geochimica Et Cosmochimica Acta, 2019, 263, 122-139.	1.6	23
3844	Using stable isotopes to quantify water sources for trees and shrubs in a riparian cottonwood ecosystem in flood and drought years. Hydrological Processes, 2019, 33, 3070-3083.	1.1	23
3845	Dripwater and Calcite Geochemistry Variations in a Monitored Bahamas Cave. Geochemistry, Geophysics, Geosystems, 2019, 20, 4306-4318.	1.0	3
3846	Hydrochemical and isotopic characteristics of surface water in the Lhasa River basin. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	16
3847	Hydrogen isotopic compositions along a precipitation gradient of Chinese Loess Plateau: Critical roles of precipitation/evaporation and vegetation change as controls for leaf wax $\delta^2\text{H}$ . Chemical Geology, 2019, 528, 119278.	1.4	16
3848	Volcanic Eruption Signatures in the Isotope-enabled Last Millennium Ensemble. Paleoceanography and Paleoclimatology, 2019, 34, 1534-1552.	1.3	24
3849	Shift from nival to pluvial recharge of an aquifer-fed lake increases water temperature. Inland Waters, 2019, 9, 261-274.	1.1	7
3850	Stable isotope compositions of precipitation from Gunnison, Colorado 2007-2016: implications for the climatology of a high-elevation valley. Heliyon, 2019, 5, e02120.	1.4	7
3851	Identifying spatiotemporal variations in groundwater-surface water interactions using shallow pore water chemistry in the lower Jordan river. Advances in Water Resources, 2019, 131, 103388.	1.7	11

#	ARTICLE	IF	CITATIONS
3852	Energy and water mass balance of Lake Untersee and its perennial ice cover, East Antarctica. <i>Antarctic Science</i> , 2019, 31, 271-285.	0.5	16
3853	A long record of MIS 7 and MIS 5 climate and environment from a western Mediterranean speleothem (SW Sardinia, Italy). <i>Quaternary Science Reviews</i> , 2019, 220, 230-243.	1.4	27
3854	Soil water balance in the Lake Chad Basin using stable water isotopes and chloride of soil profiles. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 459-477.	0.5	7
3856	The Analysis of Short-Term Dataset of Water Stable Isotopes Provides Information on Hydrological Processes Occurring in Large Catchments from the Northern Italian Apennines. <i>Water (Switzerland)</i> , 2019, 11, 1360.	1.2	8
3857	Asian Summer Monsoon-Related Relative Humidity Recorded by Tree Ring $\delta^{18}O$ During Last 205 Years. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 9824-9838.	1.2	35
3858	Seasonal patterns in hydrochemical mixing in three Great Lakes rivermouth ecosystems. <i>Journal of Great Lakes Research</i> , 2019, 45, 651-663.	0.8	5
3859	Late Quaternary palaeoenvironmental change in the year-round rainfall zone of South Africa derived from peat sediments from Vankervelsvlei. <i>Quaternary Science Reviews</i> , 2019, 218, 200-214.	1.4	13
3860	Controls on the Isotopic Composition of Precipitation in the South-Central United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 8320-8335.	1.2	14
3861	Isotopic evidence for the moisture origin and influencing factors at Urumqi Glacier No.1 in upstream Urumqi River Basin, eastern Tianshan Mountains. <i>Journal of Mountain Science</i> , 2019, 16, 1802-1815.	0.8	6
3862	Giant cacti: isotopic recorders of climate variation in warm deserts of the Americas. <i>Journal of Experimental Botany</i> , 2019, 70, 6509-6519.	2.4	7
3863	Late Quaternary climate variability at Mfabeni peatland, eastern South Africa. <i>Climate of the Past</i> , 2019, 15, 1153-1170.	1.3	20
3864	Effects of chemical pretreatment and intra- and inter-specimen variability on $\delta^{18}O$ of aquatic insect remains. <i>Journal of Paleolimnology</i> , 2019, 62, 195-204.	0.8	1
3865	Ice Complex formation on Bol'shoy Lyakhovskiy Island (New Siberian Archipelago, East Siberian Arctic) since about 200 ka. <i>Quaternary Research</i> , 2019, 92, 530-548.	1.0	26
3866	Oxygen and hydrogen isotopic composition of waters in a past-mining area of southern Apuan Alps (Italy): Hydrogeological characterization and implications on the fate of potentially toxic elements. <i>Journal of Geochemical Exploration</i> , 2019, 205, 106338.	1.5	9
3867	A Global Perspective on Local Meteoric Water Lines: Meta-analytic Insight Into Fundamental Controls and Practical Constraints. <i>Water Resources Research</i> , 2019, 55, 6896-6910.	1.7	105
3868	TRITIUM, HYDROGEN AND OXYGEN ISOTOPE COMPOSITIONS IN MONTHLY PRECIPITATION SAMPLES COLLECTED AT TOKI, JAPAN. <i>Radiation Protection Dosimetry</i> , 2019, 184, 338-341.	0.4	7
3869	Stable Isotope Ratios in Tap Water of a Riverside City in a Semi-Arid Climate: An Application to Water Source Determination. <i>Water (Switzerland)</i> , 2019, 11, 1441.	1.2	8
3870	Variation in depth of water uptake for <i>Pinus sylvestris</i> var. <i>mongolica</i> along a precipitation gradient in sandy regions. <i>Journal of Hydrology</i> , 2019, 577, 123921.	2.3	28

#	ARTICLE	IF	CITATIONS
3871	Comprehensive and quantitative assessment of nitrate dynamics in two contrasting forested basins along the Sea of Japan using dual isotopes of nitrate. <i>Science of the Total Environment</i> , 2019, 687, 667-678.	3.9	10
3872	Stable water isotope signatures of dual monsoon precipitation: A case study of Greater Cochin region, south-west coast of India. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	4
3873	Stable water isotope modeling reveals spatio-temporal variability of glacier meltwater contributions to Ganges River headwaters. <i>Journal of Hydrology</i> , 2019, 577, 123983.	2.3	41
3874	Alteration in isotopic composition of gross rainfall as it is being partitioned into throughfall and stemflow by xerophytic shrub canopies within water-limited arid desert ecosystems. <i>Science of the Total Environment</i> , 2019, 692, 631-639.	3.9	9
3875	An Evaluation of Catchment Transit Time Model Parameters: A Comparative Study between Two Stable Isotopes of Water. <i>Geosciences (Switzerland)</i> , 2019, 9, 318.	1.0	2
3876	Suitability of precipitation waters as semi-artificial groundwater tracers. <i>Journal of Hydrology</i> , 2019, 577, 123982.	2.3	6
3877	Quantifying Riverine Recharge Impacts on Redox Conditions and Arsenic Release in Groundwater Aquifers Along the Red River, Vietnam. <i>Water Resources Research</i> , 2019, 55, 6712-6728.	1.7	16
3878	Mobility and diet in the Iron Age Pontic forest-steppe: A multi-isotopic study of urban populations at Bel'sk. <i>Archaeometry</i> , 2019, 61, 1399-1416.	0.6	8
3879	Stable isotopes of atmospheric water vapour and precipitation in the northeast Qinghai-Tibetan Plateau. <i>Hydrological Processes</i> , 2019, 33, 2997-3009.	1.1	31
3880	Oxygen and carbon isotopes and trace-element/Ca ratios in Late Quaternary ostracods <i>Loxoconcha lepida</i> and <i>Palmoconcha agilis</i> from the Black Sea: Paleoclimatic and paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 533, 109227.	1.0	4
3881	Water-Carbon Dynamics in Eastern Siberia. <i>Ecological Studies</i> , 2019, , .	0.4	6
3882	Stable Isotopes of Water in Permafrost Ecosystem. <i>Ecological Studies</i> , 2019, , 135-151.	0.4	3
3883	Spatio-temporal variations of shallow and deep well groundwater nitrate concentrations along the Indus River floodplain aquifer in Pakistan. <i>Environmental Pollution</i> , 2019, 253, 384-392.	3.7	18
3884	Isotopic records of climate seasonality in equid teeth. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 260, 329-348.	1.6	17
3885	Stable isotope analysis of white-tailed deer teeth as a paleoenvironmental proxy at the Maya site of La Joyanca, northwestern Peten, Guatemala. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 344-365.	0.5	5
3886	Stable isotope tracers as diagnostic tools in studying water sources in a humid bamboo watershed during the plum rainfall events. <i>Water Policy</i> , 2019, 21, 368-381.	0.7	0
3887	Can We Detect Changes in Amazon Forest Structure Using Measurements of the Isotopic Composition of Precipitation?. <i>Geophysical Research Letters</i> , 2019, 46, 14807-14816.	1.5	7
3888	$\delta^{18}\text{O}$ and $\delta^2\text{H}$ characteristics of moisture sources and their role in surface water recharge in the north-east of Iran. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 550-565.	0.5	8

#	ARTICLE	IF	CITATIONS
3889	Triple oxygen isotope systematics as a tracer of fluids in the crust: A study from modern geothermal systems of Iceland. <i>Chemical Geology</i> , 2019, 530, 119312.	1.4	23
3890	Isotope Composition and Chemical Species of Monthly Precipitation Collected at the Site of a Fusion Test Facility in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3883.	1.2	6
3891	Stable Water Isotopes Reveal Effects of Intermediate Disturbance and Canopy Structure on Forest Water Cycling. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 2958-2975.	1.3	15
3892	Triple oxygen isotope investigation of fine-grained sediments from major world's rivers: Insights into weathering processes and global fluxes into the hydrosphere. <i>Earth and Planetary Science Letters</i> , 2019, 528, 115851.	1.8	21
3893	Calibration of modern sedimentary $\delta^{2}\text{H}$ plant wax-water relationships in Greenland lakes. <i>Quaternary Science Reviews</i> , 2019, 225, 105978.	1.4	54
3894	Estimating the Isotopic Altitude Gradient for Hydrogeological Studies in Mountainous Areas: Are the Low-Yield Springs Suitable? Insights from the Northern Apennines of Italy. <i>Water (Switzerland)</i> , 2019, 11, 1764.	1.2	21
3895	Regional controls on daily to interannual variations of precipitation isotope ratios in Southeast China: Implications for paleomonsoon reconstruction. <i>Earth and Planetary Science Letters</i> , 2019, 527, 115794.	1.8	51
3896	Stable Isotope Composition of River Waters across the World. <i>Water (Switzerland)</i> , 2019, 11, 1760.	1.2	24
3897	Data Descriptor: Daily observations of stable isotope ratios of rainfall in the tropics. <i>Scientific Reports</i> , 2019, 9, 14419.	1.6	40
3898	Isotopic compositions of ground ice in near-surface permafrost in relation to vegetation and microtopography at the Taiga-Tundra boundary in the Indigirka River lowlands, northeastern Siberia. <i>PLoS ONE</i> , 2019, 14, e0223720.	1.1	5
3899	Dietary and habitat shifts in relation to climate of Neogene-Quaternary proboscideans and associated mammals of the Indian subcontinent. <i>Quaternary Science Reviews</i> , 2019, 224, 105968.	1.4	26
3900	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
3901	Mechanistic model predicts tissue-environment relationships and trophic shifts in animal hydrogen and oxygen isotope ratios. <i>Oecologia</i> , 2019, 191, 777-789.	0.9	25
3902	Shallow water masses and their connectivity along the southern Australian continental margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 152, 103083.	0.6	7
3903	Anti-oxidant and Anti-inflammatory Effects of Aquatic Exercise in Allergic Airway Inflammation in Mice. <i>Frontiers in Physiology</i> , 2019, 10, 1227.	1.3	10
3906	Is Determinism Dead?. , 2019, , 23-49.		0
3907	Incorporating New Methods I: The Stable Isotope Revolution. , 2019, , 50-74.		0
3908	Incorporating New Methods III: Answering Palaeoeconomic Questions with Molecular Genetics. , 2019, , 99-122.		0

#	ARTICLE	IF	CITATIONS
3909	Integrated Case Study I: Early Farming in Central Europe. , 2019, , 137-162.		0
3913	A multiproxy record of palaeoenvironmental conditions at the Middle Palaeolithic site of Abric del Pastor (Eastern Iberia). <i>Quaternary Science Reviews</i> , 2019, 225, 106023.	1.4	27
3914	Isotopic composition of precipitation in Poland: a 44-year record. <i>Acta Geophysica</i> , 2019, 67, 1637-1648.	1.0	9
3915	DÃ©rives de la composition isotopique annuelle des isotopes de O et H comme mesure de la recharge: le cas des sources de la Montagne de la table, Cape Town, Afrique du Sud. <i>Hydrogeology Journal</i> , 2019, 27, 2993-3008.	0.9	4
3916	Identification of Sourceâ€Water Oxygen Isotopes in Trees Toolkit (ISOâ€Tool) for Deciphering Historical Water Use by Forest Trees. <i>Water Resources Research</i> , 2019, 55, 10954-10975.	1.7	7
3917	Proboscidea from the Big Cypress Creek fauna, Deweyville Formation, Harris County, Texas. <i>Quaternary International</i> , 2019, 530-531, 59-68.	0.7	6
3918	Hydrogen and Oxygen Isotope Composition and Water Quality Evaluation for Different Water Bodies in the Ebinur Lake Watershed, Northwestern China. <i>Water (Switzerland)</i> , 2019, 11, 2067.	1.2	20
3919	Integrated Case Study II: Horse Domestication and the Origins of Pastoralism in Central Asia. , 2019, , 163-194.		0
3920	Precipitation $\delta^{18}O$ Recorded by the $\delta^{18}O$ of Cellulose $\delta^{18}O$ of Plant Residues in Surface Soils: Evidence From a Broad Environmental Gradient in Inland China. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1440-1468.	1.9	6
3921	Application of Stable Isotopes of Water to Study Coupled Submarine Groundwater Discharge and Nutrient Delivery. <i>Water (Switzerland)</i> , 2019, 11, 1842.	1.2	13
3922	Incorporating New Methods II: Residue Chemistry. , 2019, , 75-98.		0
3923	Incorporating New Methods IV: Phytoliths and Starch Grains in the Tropics and Beyond. , 2019, , 123-136.		0
3924	Speleothem Records from the Eastern Part of Europe and Turkeyâ€Discussion on Stable Oxygen and Carbon Isotopes. <i>Quaternary</i> , 2019, 2, 31.	1.0	22
3925	Multiple intrinsic markers identify carry-over effects from wintering to breeding sites for three Nearcticâ€Neotropical migrant swallows. <i>Auk</i> , 2019, 136, .	0.7	7
3926	Stable H-O Isotopic Composition and Water Quality Assessment of Surface Water and Groundwater: A Case Study in the Dabie Mountains, Central China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4076.	1.2	10
3927	Spatial distribution of environmental indicators in surface sediments of Lake Bolshoe Toko, Yakutia, Russia. <i>Biogeosciences</i> , 2019, 16, 4023-4049.	1.3	28
3928	Using Water Stable Isotopes for Identifying Groundwater Recharge Sources of the Unconfined Alluvial Zagreb Aquifer (Croatia). <i>Water (Switzerland)</i> , 2019, 11, 2177.	1.2	23
3929	Coupling hydrochemistry and stable isotopes to identify the major factors affecting groundwater geochemical evolution in the Heilongdong Spring Basin, North China. <i>Journal of Geochemical Exploration</i> , 2019, 205, 106352.	1.5	43

#	ARTICLE	IF	CITATIONS
3930	The Response of East Asian Monsoon to the Precessional Cycle: A New Study Using the Geophysical Fluid Dynamics Laboratory Model. <i>Geophysical Research Letters</i> , 2019, 46, 11388-11396.	1.5	11
3931	Temperature-Driven Bubble Migration as Proxy for Internal Bubble Pressures and Bubble Trapping Function in Ice Cores. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10264-10282.	1.2	3
3932	Ice Core $\delta^{18}O$ Record Linked to Western Arctic Sea Ice Variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10784-10801.	1.2	6
3934	Rainfall variations in central Indo-Pacific over the past 2,700 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17201-17206.	3.3	73
3935	Low $\delta^{18}O$ rocks in the Belomorian belt, NW Russia, and Scourie dikes, NW Scotland: A record of ancient meteoric water captured by the early Paleoproterozoic global mafic magmatism. <i>Precambrian Research</i> , 2019, 333, 105431.	1.2	16
3936	Insights from stable isotopes of water and hydrochemistry to the evolutionary processes of groundwater in the Subei lake basin, Ordos energy base, Northwestern China. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 438-458.	0.5	4
3937	Research on Automatic Link Fault Diagnosis Technology Based on CLILPS. , 2019, , .		0
3938	Subseasonal Variations of Stable Isotopes in Tropical Andean Precipitation. <i>Journal of Hydrometeorology</i> , 2019, 20, 915-933.	0.7	12
3939	The Po River Water Isotopes during the Drought Condition of the Year 2017. <i>Water (Switzerland)</i> , 2019, 11, 150.	1.2	14
3940	Key Factors of Precipitation Stable Isotope Fractionation in Central-Eastern Africa and Central Mediterranean. <i>Geosciences (Switzerland)</i> , 2019, 9, 337.	1.0	7
3941	Past climate and continentality inferred from ice wedges at Batagay megaslump in the Northern Hemisphere's most continental region, Yana Highlands, interior Yakutia. <i>Climate of the Past</i> , 2019, 15, 1443-1461.	1.3	35
3943	Relationship between the Asian summer monsoon circulation and speleothem $\delta^{18}O$ of Xiaobailong cave. <i>Climate Dynamics</i> , 2019, 53, 6351-6362.	1.7	16
3944	Hydrogeochemistry and geothermometry of the carbonate-evaporite aquifers controlled by deep-seated faults using major ions and environmental isotopes. <i>Journal of Hydrology</i> , 2019, 579, 124116.	2.3	36
3945	Complexities in interpreting chironomid-based temperature reconstructions over the Holocene from a lake in Western Ireland. <i>Quaternary Science Reviews</i> , 2019, 222, 105908.	1.4	4
3946	Spatiotemporal Heterogeneity of Water Flowpaths Controls Dissolved Organic Carbon Sourcing in a Snow-Dominated, Headwater Catchment. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	12
3947	Unique stable isotope signatures of large cyclonic events as a tracer of soil moisture dynamics in the semiarid subtropics. <i>Journal of Hydrology</i> , 2019, 578, 124124.	2.3	22
3948	Hydrochemistry and stable isotopes ( $^{18}O$ and $^2H$ ) characteristics of groundwater in Lokoja and its environs, central Nigeria. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	5
3949	Holocene and Last Interglacial climate of the Faroe Islands from sedimentary plant wax hydrogen and carbon isotopes. <i>Quaternary Science Reviews</i> , 2019, 223, 105930.	1.4	17

#	ARTICLE	IF	CITATIONS
3950	Deciphering key processes controlling rainfall isotopic variability during extreme tropical cyclones. <i>Nature Communications</i> , 2019, 10, 4321.	5.8	52
3951	NanoSIMS Imaging of D/H Ratios on FIB Sections. <i>Analytical Chemistry</i> , 2019, 91, 13763-13771.	3.2	9
3952	Regional atmospheric dynamics govern interannual and seasonal stable isotope composition in southeastern Brazil. <i>Journal of Hydrology</i> , 2019, 579, 124136.	2.3	16
3953	Stable isotope characteristics of water resources in the coastal area of the Vietnamese Mekong Delta. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 566-587.	0.5	15
3954	Oxygen isotope ratios of subalpine conifers in Jirisan National Park, Korea and their dendroclimatic potential. <i>Dendrochronologia</i> , 2019, 57, 125626.	1.0	10
3955	Controls on the water vapor isotopic composition near the surface of tropical oceans and role of boundary layer mixing processes. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12235-12260.	1.9	14
3956	Hydrogeochemical and isotopic signatures of groundwater in the Andasa watershed, Upper Blue Nile basin, Northwestern Ethiopia. <i>Journal of African Earth Sciences</i> , 2019, 160, 103617.	0.9	8
3957	Hydrological linkages between different water resources from two contrasting ecosystems of western peninsular India: a stable isotope perspective. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 532-549.	0.5	4
3958	Stable isotope ratios of typhoon rains in Fuzhou, Southeast China, during 2013–2017. <i>Journal of Hydrology</i> , 2019, 570, 445-453.	2.3	38
3959	Isotope hydrology and geophysical techniques for reviving a part of the drought prone areas of Vidarbha, Maharashtra, India. <i>Journal of Hydrology</i> , 2019, 570, 495-507.	2.3	15
3960	Groundwater recharge, flow and stable isotope attenuation in sedimentary and crystalline fractured rocks: Spatiotemporal monitoring from multi-level wells. <i>Journal of Hydrology</i> , 2019, 571, 178-192.	2.3	17
3961	Exploring the contribution of precipitation to water within the active layer during the thawing period in the permafrost regions of central Qinghai-Tibet Plateau by stable isotopic tracing. <i>Science of the Total Environment</i> , 2019, 661, 630-644.	3.9	25
3962	Assessing runoff generation in riparian wetlands: monitoring groundwater–surface water dynamics at the micro-catchment scale. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 116.	1.3	12
3963	Stable isotope ( $\delta^{18}\text{O}$ and $\delta^2\text{H}$ ) dynamics of precipitation in a high altitude Himalayan cold desert and its surroundings in Indus river basin, Ladakh. <i>Atmospheric Research</i> , 2019, 221, 46-57.	1.8	65
3964	Spatial Variations in the Stable Isotopic Compositions of Surface and Groundwaters across Central Sri Lanka. <i>Japan Agricultural Research Quarterly</i> , 2019, 53, 21-30.	0.1	2
3965	Using stable isotopes to illuminate thermokarst lake hydrology in permafrost regions on the Qinghai–Tibet plateau, China. <i>Permafrost and Periglacial Processes</i> , 2019, 30, 58-71.	1.5	13
3966	Amount dependency of monsoon rainfall $\delta^{18}\text{O}$ on multiple time scales: observations from south western India. <i>Climate Dynamics</i> , 2019, 53, 933-941.	1.7	4
3967	The 4.2‰ event in the central Mediterranean: new data from a Corchia speleothem (Apuan Alps, Tj ETQq1 1 0.784314 ggBT/Ov	1.3	32

#	ARTICLE	IF	CITATIONS
3968	Isotopic investigation of the moisture transport processes over the Bay of Bengal. <i>Journal of Hydrology X</i> , 2019, 2, 100021.	0.8	13
3969	The Dentition. , 2019, , 749-797.		14
3970	Greenhouse gas formation in ice wedges at Cyuie, central Yakutia. <i>Permafrost and Periglacial Processes</i> , 2019, 30, 48-57.	1.5	10
3971	Tree-ring $\delta^{18}\text{O}$ based PDSI reconstruction in the Mt. Tianmu region since 1618 AD and its connection to the East Asian summer monsoon. <i>Ecological Indicators</i> , 2019, 104, 636-647.	2.6	18
3972	Snow gauge undercatch and its effect on the hydrogen and oxygen stable isotopic composition of precipitation. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 404-418.	0.5	7
3973	Influence of the North Atlantic Oscillation on $\delta^2\text{D}$ and $\delta^{18}\text{O}$ in meteoric water in the Armenian Highland. <i>Journal of Hydrology</i> , 2019, 575, 513-522.	2.3	15
3974	Evidence for sea spray effect on oxygen stable isotopes in bone phosphate $\delta^{18}\text{O}$ Approximation and correction using Gaussian Mixture Model clustering. <i>Science of the Total Environment</i> , 2019, 673, 668-684.	3.9	6
3975	Assessment of Heavy Metals Pollution and Stable Isotopic Signatures in Hard Rock Aquifers of Krishnagiri District, South India. <i>Geosciences (Switzerland)</i> , 2019, 9, 200.	1.0	5
3976	Variations in Stable Isotopes of Oxygen and Hydrogen in Surface and Groundwater of a Managed Aquifer Recharge Site: A Case Study. <i>Journal of the Geological Society of India</i> , 2019, 93, 533-538.	0.5	4
3977	Spatial and temporal variations of tap water $\delta^{18}\text{O}$ -excess in China. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 260, 1-14.	1.6	30
3978	Stable Isotopes of Precipitation in China: A Consideration of Moisture Sources. <i>Water (Switzerland)</i> , 2019, 11, 1239.	1.2	53
3979	Multi-tracing of recharge seasonality and contamination in groundwater: A tool for urban water resource management. <i>Water Research</i> , 2019, 161, 413-422.	5.3	31
3980	Biased estimates of the isotope ratios of steady-state evaporation from the assumption of equilibrium between vapour and precipitation. <i>Hydrological Processes</i> , 2019, 33, 2576-2590.	1.1	14
3981	Tracing controlling factors of riverine chemistry in a headwater tributary of the Yangtze River, China, inferred from geochemical and stable isotopic signatures. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23899-23922.	2.7	8
3982	Impacts of moisture sources on the isotopic inverse altitude effect and amount of precipitation in the Hani Rice Terraces region of the Ailao Mountains. <i>Science of the Total Environment</i> , 2019, 687, 470-478.	3.9	18
3983	Evaluating a Moist Isentropic Framework for Poleward Moisture Transport: Implications for Water Isotopes Over Antarctica. <i>Geophysical Research Letters</i> , 2019, 46, 7819-7827.	1.5	15
3984	Stable carbon and oxygen isotopic composition of modern land snails along a precipitation gradient in the mid-latitude East Asian monsoon region of China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 533, 109236.	1.0	19
3985	Isotopic and geochemical interpretation of groundwater under the influences of anthropogenic activities. <i>Journal of Hydrology</i> , 2019, 576, 685-697.	2.3	55



#	ARTICLE	IF	CITATIONS
3986	Differential hydro-climatic evolution of East Javanese ecosystems over the past 22,000 years. <i>Quaternary Science Reviews</i> , 2019, 218, 49-60.	1.4	10
3987	Variation characteristics of stable isotopes in precipitation and the environmental factors that influence them in the Shiyang River Basin of China. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	8
3988	Climate-driven change in the water sourced by trees in a deglaciating proglacial forefield, Torres del Paine, Chile. <i>Ecohydrology</i> , 2019, 12, e2133.	1.1	2
3989	Unravelling the history of biodiversity in mountain ranges through integrating geology and biogeography. <i>Journal of Biogeography</i> , 2019, 46, 1777-1791.	1.4	17
3990	Rethinking Craig and Gordon's approach to modeling isotopic compositions of marine boundary layer vapor. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4005-4024.	1.9	5
3991	Assessing the robustness of Antarctic temperature reconstructions over the past 2 millennia using pseudoproxy and data assimilation experiments. <i>Climate of the Past</i> , 2019, 15, 661-684.	1.3	21
3992	Siberian tree-ring and stable isotope proxies as indicators of temperature and moisture changes after major stratospheric volcanic eruptions. <i>Climate of the Past</i> , 2019, 15, 685-700.	1.3	26
3993	A 2700-year annual timescale and accumulation history for an ice core from Roosevelt Island, West Antarctica. <i>Climate of the Past</i> , 2019, 15, 751-779.	1.3	55
3994	Varying regional $\delta^{18}\text{O}$ temperature relationship in high-resolution stable water isotopes from east Greenland. <i>Climate of the Past</i> , 2019, 15, 893-912.	1.3	10
3995	Challenges associated with the climatic interpretation of water stable isotope records from a highly resolved firn core from Adlie Land, coastal Antarctica. <i>Cryosphere</i> , 2019, 13, 1297-1324.	1.5	21
3996	Moisture origin and characteristics of the isotopic signature of rainfall in a Mediterranean mountain catchment (Vallcebre, eastern Pyrenees). <i>Journal of Hydrology</i> , 2019, 575, 767-779.	2.3	10
3997	Evaluation of leaf wax $\delta\text{D}$ and soil $\delta\text{C}_{25}$ as tools for paleoaltimetry on the southeastern Tibetan Plateau. <i>Chemical Geology</i> , 2019, 523, 95-106.	1.4	15
3998	High-resolution records of $^{10}\text{Be}$ in endogenic travertine from Baishuitai, China: A new proxy record of annual solar activity?. <i>Quaternary Science Reviews</i> , 2019, 216, 34-46.	1.4	5
3999	Delineation of spring recharge zones using environmental isotopes to support climate-resilient interventions in two mountainous catchments in Far-Western Nepal. <i>Hydrogeology Journal</i> , 2019, 27, 2181-2197.	0.9	15
4000	Influence of Summer Sublimation on $\delta^{18}\text{O}$ , and $\delta^{17}\text{O}$ in Precipitation, East Antarctica, and Implications for Climate Reconstruction From Ice Cores. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 7339-7358.	1.2	20
4001	Identifying the origin of groundwater for water resources sustainable management in an arid oasis, China. <i>Hydrological Sciences Journal</i> , 2019, 64, 1253-1264.	1.2	11
4002	Determination of isotopic composition of rainwater to generate local meteoric water line in Thohoyandou, Limpopo Province, South Africa. <i>Water S A</i> , 2019, 45, .	0.2	5
4003	A statistical analysis of IRMS and CRDS methods in isotopic ratios of $2\text{H}/1\text{H}$ and $^{18}\text{O}/^{16}\text{O}$ in water. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	1

#	ARTICLE	IF	CITATIONS
4004	Factors controlling stable isotopes variability in precipitation in Syria: Statistical analysis approach. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	9
4005	Hydrochemical and isotopic studies to understand quality problems in groundwater of the NiÅŸde Province, Central Turkey. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	14
4006	Wintertime decoupling of urban valley and rural ridge hydrological processes revealed through stable water isotopes. <i>Atmospheric Environment</i> , 2019, 213, 337-348.	1.9	6
4007	Depth-dependent groundwater response to coastal hydrodynamics in the tropical, Ganges river mega-delta front (the Sundarbans): Impact of hydraulic connectivity on drinking water vulnerability. <i>Journal of Hydrology</i> , 2019, 575, 499-512.	2.3	20
4008	Holocene changes in biome size and tropical cyclone activity around the Northern South China Sea. <i>Quaternary Science Reviews</i> , 2019, 215, 45-63.	1.4	8
4009	Spatial distribution and controlling factors of surface water stable isotope values ( $\delta^{18}O$ and $\delta^2H$ ) across Kazakhstan, Central Asia. <i>Science of the Total Environment</i> , 2019, 678, 53-61.	3.9	36
4010	Triple oxygen isotope signatures of evaporation in lake waters and carbonates: A case study from the western United States. <i>Earth and Planetary Science Letters</i> , 2019, 518, 1-12.	1.8	54
4011	Hydrochemical Processes and Isotopic Study of Geothermal Springs within Soutpansberg, Limpopo Province, South Africa. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1688.	1.3	12
4012	Water Stable Isotopes in an Alpine Setting of the Northeastern Tibetan Plateau. <i>Water (Switzerland)</i> , 2019, 11, 770.	1.2	8
4013	Dietary Adaptations of Early and Middle Pleistocene Equids From the Anagni Basin (Frosinone, Central Italy). <i>Journal of Archaeological Science</i> , 2019, 107, 102157.	0.784314	11
4014	Response of grassland ecosystem to monsoonal precipitation variability during the Mid-Late Holocene: Inferences based on molecular isotopic records from Banni grassland, western India. <i>PLoS ONE</i> , 2019, 14, e0212743.	1.1	27
4015	Acid mine drainage sources and hydrogeochemistry at the Yatani mine, Yamagata, Japan: A geochemical and isotopic study. <i>Journal of Contaminant Hydrology</i> , 2019, 225, 103502.	1.6	81
4016	Medieval warmth confirmed at the Norse Eastern Settlement in Greenland. <i>Geology</i> , 2019, 47, 267-270.	2.0	21
4017	Combining unmanned aerial vehicle-based remote sensing and stable water isotope analysis to monitor treatment peatlands of mining areas. <i>Ecological Engineering</i> , 2019, 133, 137-147.	1.6	11
4018	Hydrochemical and isotopic characterization of groundwater in the southeastern part of the Plateaux Region, Togo. <i>Hydrological Sciences Journal</i> , 2019, 64, 983-1000.	1.2	12
4019	Atmospheric flow deflection in the late Cenozoic Sierra Nevada. <i>Earth and Planetary Science Letters</i> , 2019, 518, 76-85.	1.8	8
4020	Stable Isotope Composition in Surface Water in the Upper Yellow River in Northwest China. <i>Water (Switzerland)</i> , 2019, 11, 967.	1.2	12
4021	Extent of Mississippi River water in the Mississippi Bight and Louisiana Shelf based on water isotopes. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 226, 106196.	0.9	12

#	ARTICLE	IF	CITATIONS
4022	Nurse shrubs can receive water stored in the parenchyma of their facilitated columnar cacti. <i>Journal of Arid Environments</i> , 2019, 165, 10-15.	1.2	9
4023	Surface phase transitions in ice: from fundamental interactions to applications. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20180261.	1.6	10
4024	Plant water use strategies in the Shapotou artificial sand-fixed vegetation of the southeastern margin of the Tengger Desert, northwestern China. <i>Journal of Mountain Science</i> , 2019, 16, 898-908.	0.8	7
4025	Understanding Neogene Oxygen Isotopes in the Southern Great Plains Using Isotope-Enabled General Circulation Model Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2452-2464.	1.2	3
4026	Improved understanding of spring and stream water responses in headwaters of the Indian Lesser Himalaya using stable isotopes, conductivity and temperature as tracers. <i>Hydrological Sciences Journal</i> , 2019, 64, 757-770.	1.2	6
4027	Event-Based Precipitation Isotopes in the Laurentian Great Lakes Region Reveal Spatiotemporal Patterns in Moisture Recycling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 5463-5478.	1.2	13
4028	Spatial variability of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ composition of meteoric freshwater lakes in Scotland. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 237-253.	0.5	4
4029	Aridity-controlled hydrogen isotope fractionation between soil n-alkanes and precipitation in China. <i>Organic Geochemistry</i> , 2019, 133, 53-64.	0.9	12
4030	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
4031	Environmental significance and zonal characteristics of stable isotope of atmospheric precipitation in arid Central Asia. <i>Atmospheric Research</i> , 2019, 227, 24-40.	1.8	18
4032	Global Isotope Hydrogeology-Review. <i>Reviews of Geophysics</i> , 2019, 57, 835-965.	9.0	165
4033	Two decades ammonium records from ice core in Qiangyong glacier in the Northern Himalayas. <i>Atmospheric Research</i> , 2019, 222, 36-46.	1.8	11
4034	Assessing moisture sources of precipitation in the Western Pamir Mountains (Tajikistan, Central Asia) using deuterium excess. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 71, 1601987.	0.8	39
4035	$\delta^{17}\text{O}$ -excess as a detector for co-extracted organics in vapor analyses of plant isotope signatures. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1301-1310.	0.7	18
4036	Tree-ring stable isotopes for regional discharge reconstruction in eastern Labrador and teleconnection with the Arctic Oscillation. <i>Climate Dynamics</i> , 2019, 53, 3625-3640.	1.7	8
4037	Testing stable isotope paleoaltimetry with Quaternary volcanic glasses from the Ecuadorian Andes. <i>Geology</i> , 2019, 47, 411-414.	2.0	13
4038	Palaeodiet inferred from pre-Hispanic and early colonial human remains from Carrizales, Zaña Valley, Peru. <i>International Journal of Osteoarchaeology</i> , 2019, 29, 560-573.	0.6	2
4039	Tree-ring isotopes adjacent to Lake Superior reveal cold winter anomalies for the Great Lakes region of North America. <i>Scientific Reports</i> , 2019, 9, 4412.	1.6	12

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4040	Paleoecology of Pleistocene mammals and paleoclimatic change in South China: Evidence from stable carbon and oxygen isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 524, 1-12.	1.0	15
4041	Stable H and O isotope-based investigation of moisture sources and their role in river and groundwater recharge in the NE Carpathian Mountains, East-Central Europe. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 161-178.	0.5	15
4042	Implications of variable late Cenozoic surface uplift across the Peruvian central Andes. <i>Scientific Reports</i> , 2019, 9, 4877.	1.6	52
4043	Using stable isotopes of surface water and groundwater to quantify moisture sources across the Yellow River source region. <i>Hydrological Processes</i> , 2019, 33, 1835-1850.	1.1	16
4044	The atmospheric water cycle of a coastal lagoon: An isotope study of the interactions between water vapor, precipitation and surface waters. <i>Journal of Hydrology</i> , 2019, 572, 630-644.	2.3	18
4045	Holocene hydrological variability of Lake Ladoga, northwest Russia, as inferred from diatom oxygen isotopes. <i>Boreas</i> , 2019, 48, 361-376.	1.2	18
4046	Geochemical (process based) characterization of groundwater along the KT boundary of South India. <i>Chemie Der Erde</i> , 2019, 79, 62-77.	0.8	8
4047	The residence time of Southern Ocean surface waters and the 100,000-year ice age cycle. <i>Science</i> , 2019, 363, 1080-1084.	6.0	58
4048	Spatial and temporal variability of stable isotopes ( $\delta^{18}\text{O}$ and $\delta^2\text{H}$ ) in surface waters of arid, mountainous Central Asia. <i>Hydrological Processes</i> , 2019, 33, 1658-1669.	1.1	15
4049	Hydrogen and carbon isotope responses to salinity in greenhouse-cultivated mangroves. <i>Organic Geochemistry</i> , 2019, 132, 23-36.	0.9	11
4050	Seasonal Variation in Stable Isotope Ratios of Cow Milk in Vilnius Region, Lithuania. <i>Animals</i> , 2019, 9, 69.	1.0	12
4051	Holocene cultural and climate shifts in NW Africa as inferred from stable isotopes of archeological land snail shells. <i>Holocene</i> , 2019, 29, 1078-1093.	0.9	8
4052	Spatio-temporal evolution of Australasian monsoon hydroclimate over the last 40,000 years. <i>Earth and Planetary Science Letters</i> , 2019, 513, 103-112.	1.8	38
4053	Using stable isotopes and tritium to delineate groundwater flow systems and their relationship to streams in the Geum River basin, Korea. <i>Journal of Hydrology</i> , 2019, 573, 267-280.	2.3	23
4054	Who's been using my burial mound? Radiocarbon dating and isotopic tracing of human diet and mobility at the collective burial site, Le Tumulus des Sables, southwest France. <i>Journal of Archaeological Science: Reports</i> , 2019, 24, 955-966.	0.2	4
4055	Application of snowmelt as an active and inexpensive dual isotope groundwater tracer. <i>Hydrogeology Journal</i> , 2019, 27, 423-433.	0.9	4
4056	Rare-earth and trace elements and hydrogen and oxygen isotopic compositions of Cretaceous kaolinitic sediments from the Lower Benue Trough, Nigeria: provenance and paleoclimatic significance. <i>Acta Geochimica</i> , 2019, 38, 350-363.	0.7	10
4057	Geological control on the origin of fresh groundwater in the Otindag Desert, China. <i>Applied Geochemistry</i> , 2019, 103, 131-142.	1.4	6

#	ARTICLE	IF	CITATIONS
4058	Classification of Stable Isotopes and Identification of Water Replenishment in the Naqu River Basin, Qinghai-Tibet Plateau. <i>Water (Switzerland)</i> , 2019, 11, 46.	1.2	10
4059	Moisture transport and seasonal variations in the stable isotopic composition of rainfall in <sc>Central American</sc> and <sc>Andean Páramo</sc> during <sc>El Niño</sc> conditions (2015–2016). <i>Hydrological Processes</i> , 2019, 33, 1802-1817.	1.1	48
4060	Construction of a conceptual model for confined groundwater flow in the Gunii Khooloi Basin, Southern Gobi Region, Mongolia. <i>Hydrogeology Journal</i> , 2019, 27, 1581-1596.	0.9	4
4061	Refining the interpretation of lacustrine carbonate isotope records: Implications of a mineralogy-specific Lake Van case study. <i>Chemical Geology</i> , 2019, 513, 167-183.	1.4	30
4062	Postdepositional Mercury Mobility in a Permafrost Peatland from Central Yukon, Canada. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 770-778.	1.2	14
4063	Synoptic and Mesoscale Mechanisms Drive Winter Precipitation $\delta^{18}O/\delta^2H$ in South-Central Alaska. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4252-4266.	1.2	27
4064	Aquatic biomarkers record Pleistocene environmental changes at Paleolake Olduvai, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 524, 250-261.	1.0	22
4065	Fingerprint of the geographic and climate evolution of the Baltic–White Sea region in the Late Pleistocene–Holocene in groundwater stable isotopes ( $^2H$ , $^{18}O$ ). <i>Quaternary International</i> , 2019, 524, 76-85.	0.7	4
4066	The Hydrogen Isotope Composition $\delta^2H$ Reflects Plant Performance. <i>Plant Physiology</i> , 2019, 180, 793-812.	2.3	41
4067	Resolving the controls of water vapour isotopes in the Atlantic sector. <i>Nature Communications</i> , 2019, 10, 1632.	5.8	50
4068	Unraveling the hydrological budget of isolated and seasonally contrasted subtropical lakes. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1705-1724.	1.9	5
4069	Assessing groundwater sustainability under changing climate using isotopic tracers and climate modelling, southwest Ohio, USA. <i>Hydrological Sciences Journal</i> , 2019, 64, 798-807.	1.2	14
4070	Kinetic mass-transfer calculation of water isotope fractionation due to cloud microphysics in a regional meteorological model. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1753-1766.	1.9	3
4071	Controls of stable isotopes in precipitation on the central Tibetan Plateau: A seasonal perspective. <i>Quaternary International</i> , 2019, 513, 66-79.	0.7	19
4072	Geochemical response of produced water in the CBM well group with multiple coal seams and its geological significance—A case study of the Songhe well group in Western Guizhou. <i>International Journal of Coal Geology</i> , 2019, 207, 39-51.	1.9	33
4073	Recent summer warming in northwestern Canada exceeds the Holocene thermal maximum. <i>Nature Communications</i> , 2019, 10, 1631.	5.8	44
4074	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
4075	Biomarkers reveal abrupt switches in hydroclimate during the last glacial in southern California. <i>Earth and Planetary Science Letters</i> , 2019, 515, 164-172.	1.8	34

#	ARTICLE	IF	CITATIONS
4076	Evidence of elevation effect on stable isotopes of water along highlands of a humid tropical mountain belt (Western Ghats, India) experiencing monsoonal climate. <i>Journal of Hydrology</i> , 2019, 573, 469-485.	2.3	16
4077	Characterizing the Fluxes and Age Distribution of Soil Water, Plant Water, and Deep Percolation in a Model Tropical Ecosystem. <i>Water Resources Research</i> , 2019, 55, 3307-3327.	1.7	73
4078	Stable isotopic compositions in precipitation over wet island in Central Asia. <i>Journal of Hydrology</i> , 2019, 573, 581-591.	2.3	21
4079	Instrumental investigation of oxygen isotopes in human dental enamel from the Bronze Age battlefield site at Tollense, Germany. <i>Journal of Archaeological Science</i> , 2019, 105, 70-80.	1.2	6
4080	Phenology and sowing time affect water use in four warm-season annual grasses under a semi-arid environment. <i>Agricultural and Forest Meteorology</i> , 2019, 269-270, 257-269.	1.9	33
4081	Isotopes in the Water Cycle: Regional- to Global-Scale Patterns and Applications. <i>Annual Review of Earth and Planetary Sciences</i> , 2019, 47, 453-479.	4.6	168
4082	Evaluating the Roles of Rainout and Post-Condensation Processes in a Landfalling Atmospheric River with Stable Isotopes in Precipitation and Water Vapor. <i>Atmosphere</i> , 2019, 10, 86.	1.0	7
4083	Fecal stanols show simultaneous flooding and seasonal precipitation change correlate with Cahokia's population decline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5461-5466.	3.3	23
4084	An abrupt decrease in Southern Hemisphere terrestrial temperature during the Eocene-Oligocene transition. <i>Earth and Planetary Science Letters</i> , 2019, 512, 227-235.	1.8	25
4085	Temperature and rainfall amount effects on hydrogen and oxygen stable isotope in precipitation. <i>Quaternary International</i> , 2019, 519, 25-31.	0.7	29
4086	Isoscapes for Terrestrial Migration Research. , 2019, , 53-84.		16
4087	Mid to late Holocene hydrological and sea-level change reconstructions from La Mancha coastal lagoon, Veracruz, Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 520, 150-162.	1.0	4
4088	Determining the Discharge and Recharge Relationships between Lake and Groundwater in Lake Hulun Using Hydrogen and Oxygen Isotopes and Chloride Ions. <i>Water (Switzerland)</i> , 2019, 11, 264.	1.2	15
4089	Climate changes in the Eastern Mediterranean over the last 5000 years and their links to the high-latitude atmospheric patterns and Asian monsoons. <i>Global and Planetary Change</i> , 2019, 175, 36-51.	1.6	25
4090	A new interpretative framework for below-cloud effects on stable water isotopes in vapour and rain. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 747-765.	1.9	66
4091	Spatial and Temporal Variability of Snow Isotopic Composition on Mt. Zugspitze, Bavarian Alps, Germany. <i>Journal of Hydrology and Hydromechanics</i> , 2019, 67, 49-58.	0.7	17
4092	Eddy covariance measurements of the dual-isotope composition of evapotranspiration. <i>Agricultural and Forest Meteorology</i> , 2019, 269-270, 203-219.	1.9	11
4093	Geographic classification of U.S. Washington State wines using elemental and water isotope composition. <i>Food Chemistry: X</i> , 2019, 1, 100007.	1.8	20

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4094	Design and Analysis for Isotope-Based Studies of Migratory Animals. , 2019, , 191-206.		3
4095	Meltwater is the dominant water source controlling $\delta^{18}\text{O}$ -cellulose $\delta^{18}\text{O}$ in a vascular-plant-dominated alpine peatland in the Altai Mountains, Central Asia. <i>Journal of Hydrology</i> , 2019, 572, 192-205.	2.3	18
4096	Evidence of Isotopic Fractionation During Vapor Exchange Between the Atmosphere and the Snow Surface in Greenland. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2932-2945.	1.2	30
4097	A year in the life of a giant ground sloth during the Last Glacial Maximum in Belize. <i>Science Advances</i> , 2019, 5, eaau1200.	4.7	19
4098	Surface fluids in the evolving Sevier fold-thrust belt of ID-WY indicated by hydrogen isotopes in dated, authigenic clay minerals. <i>Earth and Planetary Science Letters</i> , 2019, 513, 29-39.	1.8	9
4099	Dominant influence of the humidity in the moisture source region on the $17\text{O}$ -excess in precipitation on a subtropical island. <i>Earth and Planetary Science Letters</i> , 2019, 513, 20-28.	1.8	44
4100	Isotopic perspectives on pastoralist mobility in the Late Bronze Age South Caucasus. <i>Journal of Anthropological Archaeology</i> , 2019, 54, 48-67.	0.7	22
4101	Seasonal and interannual variations of hydrochemical characteristics and stable isotopic compositions of drip waters in Furong Cave, southwest China based on $12\text{-years}^{\text{TM}}$ monitoring. <i>Journal of Hydrology</i> , 2019, 572, 40-50.	2.3	36
4102	Hydrochemical Changes Before and After Earthquakes Based on Long-Term Measurements of Multiple Parameters at Two Sites in Northern Iceland—A Review. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 2702-2720.	1.4	56
4103	Stable isotope characteristics of different water bodies in the Lhasa River Basin. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	16
4104	A 250 ka leaf-wax $\delta^{13}\text{C}$ record from a loess section in Darai Kalon, Southern Tajikistan. <i>Quaternary Science Reviews</i> , 2019, 208, 118-128.	1.4	16
4105	Preface to stable isotopes in hydrological studies in the tropics: Ecohydrological perspectives in a changing climate. <i>Hydrological Processes</i> , 2019, 33, 2160-2165.	1.1	7
4106	Nonequilibrium Fractionation During Ice Cloud Formation in iCAM5: Evaluating the Common Parameterization of Supersaturation as a Linear Function of Temperature. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 3777-3793.	1.3	15
4110	New water fractions and transit time distributions at Plynlimon, Wales, estimated from stable water isotopes in precipitation and streamflow. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4367-4388.	1.9	31
4111	Stable isotope signatures of Holocene syngenetic permafrost trace seabird presence in the Thule District (NW Greenland). <i>Biogeosciences</i> , 2019, 16, 4261-4275.	1.3	4
4112	Water isotopes—climate relationships for the mid-Holocene and preindustrial period simulated with an isotope-enabled version of MPI-ESM. <i>Climate of the Past</i> , 2019, 15, 1913-1937.	1.3	41
4113	Geochemical signatures of pingo ice and its origin in Grøndalen, west Spitsbergen. <i>Cryosphere</i> , 2019, 13, 3155-3169.	1.5	12
4114	The Climate of the Antarctic Peninsula during the Twentieth Century: Evidence from Ice Cores. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
4115	Precipitation chemistry and stable isotopic characteristics at Wengguo in the northern slopes of the Himalayas. <i>Journal of Atmospheric Chemistry</i> , 2019, 76, 289-313.	1.4	11
4116	Hydrogen Isotope Composition of <i>n</i> -Alkanes Generated during Anhydrous Pyrolysis of Peats from Different Environments. <i>Energy &amp; Fuels</i> , 2019, 33, 12758-12766.	2.5	2
4117	Relating Moisture Transport to Stable Water Vapor Isotopic Variations of Ambient Wintertime along the Western Coast of Korea. <i>Atmosphere</i> , 2019, 10, 806.	1.0	5
4118	Moisture Sources for Precipitation and Hydrograph Components of the Sutri Dhaka Glacier Basin, Western Himalayas. <i>Water (Switzerland)</i> , 2019, 11, 2242.	1.2	29
4119	Hydrogeological setting and hydrogeochemical characteristics of the Durban Metropolitan District, eastern South Africa. <i>South African Journal of Geology</i> , 2019, 122, 299-316.	0.6	2
4120	Isotopic evidence of connectivity between an inshore vegetated lagoon (nursery habitat) and coastal artificial reefs (adult habitats) for the reef fish <i>Lethrinus lentjan</i> on the Terengganu coast, Malaysia. <i>Marine and Freshwater Research</i> , 2019, 70, 1675.	0.7	4
4121	Vertical profile observations of water vapor deuterium excess in the lower troposphere. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11525-11543.	1.9	17
4122	Anthropogenic Effects on Hydrogen and Oxygen Isotopes of River Water in Cities. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4429.	1.2	9
4123	Developing Meteoric Water Lines for Iran Based on Air Masses and Moisture Sources. <i>Water (Switzerland)</i> , 2019, 11, 2359.	1.2	23
4124	Oxygen isotope analysis of <i>Equus</i> teeth evidences early Eemian and early Weichselian palaeotemperatures at the Middle Palaeolithic site of Neumark-Nord 2, Saxony-Anhalt, Germany. <i>Quaternary Science Reviews</i> , 2019, 226, 106029.	1.4	13
4125	Hydrology of Mountain Blocks in Arizona and New Mexico as Revealed by Isotopes in Groundwater and Precipitation. <i>Geosciences (Switzerland)</i> , 2019, 9, 461.	1.0	14
4126	Expanding the Isotopic Toolbox to Track Monarch Butterfly ( <i>Danaus plexippus</i> ) Origins and Migration: On the Utility of Stable Oxygen Isotope ( $\delta^{18}O$ ) Measurements. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	16
4127	Onset of summer monsoon in Northeast India is preceded by enhanced transpiration. <i>Scientific Reports</i> , 2019, 9, 18646.	1.6	22
4128	Isotope Analysis for Mobility and Climate Studies. , 2019, , 99-124.		9
4129	Tracing the Origin of Groundwater Nitrate in an Area Affected by Acid Rain Using Dual Isotopic Composition of Nitrate. <i>Geofluids</i> , 2019, 2019, 1-12.	0.3	5
4130	Stable isotope signatures of radiocarbon dated pedogenic carbonate from Tell Chuera (NE Syria) reveal fluctuating paleoenvironmental patterns in the Pleistocene Levant. <i>Zeitschrift für Geomorphologie</i> , 2019, 62, 59-84.	0.3	0
4131	Resolving seasonal rainfall changes in the Middle East during the last interglacial period. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24985-24990.	3.3	33
4132	Characteristics of Water Isotopes and Water Source Identification During the Wet Season in Naqu River Basin, Qinghai-Tibet Plateau. <i>Water (Switzerland)</i> , 2019, 11, 2418.	1.2	7



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4133	Late Holocene Landscape Collapse of a Trans-Himalayan Dryland: Human Impact and Aridification. <i>Geophysical Research Letters</i> , 2019, 46, 13814-13824.	1.5	10
4134	Isotopic Composition of Waters in Salt Lakes of Eastern Transbaikal. <i>Doklady Earth Sciences</i> , 2019, 488, 1089-1093.	0.2	2
4135	Stable isotopes of nonsulphide Zn-Pb ores in Britain and Ireland: fluid characteristics and palaeoclimatic variability. <i>Journal of the Geological Society</i> , 2019, 176, 1107-1119.	0.9	2
4136	Spatial Shift of Greenland Moisture Sources Related to Enhanced Arctic Warming. <i>Geophysical Research Letters</i> , 2019, 46, 14723-14731.	1.5	23
4137	Antarctic Sea Ice Proxies from Marine and Ice Core Archives Suitable for Reconstructing Sea Ice over the Past 2000 Years. <i>Geosciences (Switzerland)</i> , 2019, 9, 506.	1.0	35
4138	An Assessment of Plant Species Differences on Cellulose Oxygen Isotopes From Two Kenai Peninsula, Alaska Peatlands: Implications for Hydroclimatic Reconstructions. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	13
4139	Deciphering Oxygen Isotope Records From Chinese Speleothems With an Isotope-Enabled Climate Model. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 2098-2112.	1.3	66
4140	Disappearance of the last tropical glaciers in the Western Pacific Warm Pool (Papua, Indonesia) appears imminent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26382-26388.	3.3	13
4141	Hydrogeochemical characterization and water quality assessment of springs in the Emirdağ (Afyonkarahisar) basin, Turkey. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	10
4142	Isotopic Approaches to Mobility in Northern Africa. , 2019, , 223-246.		3
4143	Contribution of precipitation to groundwater flow systems in three major alluvial fans in Toyama Prefecture, Japan: stable-isotope characterization and application to the use of groundwater for urban heat exchangers. <i>Hydrogeology Journal</i> , 2019, 27, 345-362.	0.9	14
4144	Stable and clumped isotopes in desert carbonate spring and lake deposits reveal palaeohydrology: A case study of the Lower Jurassic Navajo Sandstone, southwestern USA. <i>Sedimentology</i> , 2019, 66, 32-52.	1.6	11
4145	Hydrogeochemical and multi-tracer investigations of arsenic-affected aquifers in semi-arid West Africa. <i>Geoscience Frontiers</i> , 2019, 10, 1685-1699.	4.3	18
4146	Natural tracing for concentrated leakage detection in a rockfill dam. <i>Engineering Geology</i> , 2019, 249, 1-12.	2.9	16
4147	On the Interpretation of the ENSO Signal Embedded in the Stable Isotopic Composition of Quelccaya Ice Cap, Peru. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 131-145.	1.2	19
4148	Interactions Between Regional Climate, Surficial Geology, and Topography: Characterizing Shallow Groundwater Systems in Subhumid, Low-Relief Landscapes. <i>Water Resources Research</i> , 2019, 55, 284-297.	1.7	21
4149	Investigating the 8.2 ka event in northwestern Madagascar: Insight from data-model comparisons. <i>Quaternary Science Reviews</i> , 2019, 204, 172-186.	1.4	22
4150	A complete Holocene climate and environment record for the Western Carpathians (Slovakia) derived from a tufa deposit. <i>Holocene</i> , 2019, 29, 493-504.	0.9	28

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4151	Neoglacial transition of atmospheric circulation patterns over Fennoscandia recorded in Holocene Lake TornetrÅsk sediments. <i>Boreas</i> , 2019, 48, 287-298.	1.2	5
4152	Isotopic composition of precipitation during strong El Niño Southern Oscillation events in the Southeast Region of Brazil. <i>Hydrological Processes</i> , 2019, 33, 647-660.	1.1	7
4153	Pedogenic origin of precious opals from Wegel Tena (Ethiopia): Evidence from trace elements and oxygen isotopes. <i>Applied Geochemistry</i> , 2019, 101, 127-139.	1.4	8
4154	The $\delta^{18}\text{O}$ of primary and secondary waters in hydrous volcanic glass. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 371, 72-85.	0.8	7
4155	The Sensitivity of Terrestrial $\delta^{18}\text{O}$ Gradients to Hydroclimate Evolution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 563-582.	1.2	26
4156	Assessing paleohydrologic controls on the hydrogen isotope compositions of leaf wax n-alkanes in Chinese peat deposits. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 516, 354-363.	1.0	22
4157	Reconstructing precipitation in the tropical South Pacific from dinosterol 2H/1H ratios in lake sediment. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 190-206.	1.6	14
4158	Long-term monitoring of drip water and groundwater stable isotopic variability in the Yucatán Peninsula: Implications for recharge and speleothem rainfall reconstruction. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 246, 41-59.	1.6	25
4159	Late Cretaceous fluvial hydrology and dinosaur behavior in southern Utah, USA: Insights from stable isotopes of biogenic carbonate. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 516, 152-165.	1.0	5
4160	Hydrogeological responses in tropical mountainous springs. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 25-40.	0.5	10
4161	Seasonal Deuterium Excess Variations of Precipitation at Summit, Greenland, and their Climatological Significance. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 72-91.	1.2	33
4162	Bay of Bengal branch of Indian summer monsoon and its association with spatial distribution of rainfall patterns over India. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1895-1907.	1.3	3
4163	Inferring groundwater dynamics in a coastal aquifer near wastewater infiltration ponds and shallow wetlands (Kwinana, Western Australia) using combined hydrochemical, isotopic and statistical approaches. <i>Journal of Hydrology</i> , 2019, 568, 1055-1070.	2.3	19
4164	Oxygen isotopes in bioarchaeology: Principles and applications, challenges and opportunities. <i>Earth-Science Reviews</i> , 2019, 188, 77-107.	4.0	142
4165	Ecologic shift and aridification in the northern Tibetan Plateau revealed by leaf wax n-alkane $\delta^2\text{H}$ and $\delta^{13}\text{C}$ records. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 464-473.	1.0	18
4166	Stable isotopes of oxygen and hydrogen in meteoric water during the Cryogenian Period. <i>Precambrian Research</i> , 2019, 320, 253-260.	1.2	1
4167	Characteristics of hydrogen and oxygen stable isotopes in precipitation and the environmental controls in tropical monsoon climatic zone. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 5417-5427.	3.8	19
4168	Cumulative effects of cascade dams on river water cycle: Evidence from hydrogen and oxygen isotopes. <i>Journal of Hydrology</i> , 2019, 568, 604-610.	2.3	57

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4169	From texts to teeth: A multi-isotope study of sheep and goat herding practices in the Late Bronze Age (â€Mycenaeanâ€™™) polity of Knossos, Crete. <i>Journal of Archaeological Science: Reports</i> , 2019, 23, 36-56.	0.2	10
4170	New Statistical Approaches to Intraâ€™individual Isotopic Analysis and Modelling of Birth Seasonality in Studies of Herd Animals. <i>Archaeometry</i> , 2019, 61, 478-493.	0.6	2
4171	Variability in the oxygen isotope compositions of modern rodent tooth carbonate: Implications for palaeoclimate reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 695-705.	1.0	6
4172	Stable oxygen isotopes in Romanian oak tree rings record summer droughts and associated large-scale circulation patterns over Europe. <i>Climate Dynamics</i> , 2019, 52, 6557-6568.	1.7	31
4173	Groundwater and potentially toxic elements in a dismissed mining area: Thallium contamination of drinking spring water in the Apuan Alps (Tuscany, Italy). <i>Journal of Geochemical Exploration</i> , 2019, 197, 84-92.	1.5	34
4174	Hydrochemistry of groundwaters from alluvial and fractured igneous aquifers at the western region of Lake Hazar (Elazâ€™Ä±, Turkey). <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	5
4175	Provenance of nutrients in submarine fresh groundwater discharge on Tahiti and Moorea, French Polynesia. <i>Applied Geochemistry</i> , 2019, 100, 181-189.	1.4	14
4176	Variation of $\delta^{18}O$ in precipitation and its response to upstream atmospheric convection and rainout: A case study of Changsha station, south-central China. <i>Science of the Total Environment</i> , 2019, 659, 1199-1208.	3.9	42
4177	Geochemical characteristics of newly discovered Elongatoolithidae eggs from the Upper Cretaceous of Jiangxi Province, southern China: Palaeoenvironmental and palaeoclimatic inferences. <i>Cretaceous Research</i> , 2019, 99, 352-364.	0.6	5
4178	Quantifying the contributions of snow/glacier meltwater to river runoff in the Tianshan Mountains, Central Asia. <i>Global and Planetary Change</i> , 2019, 174, 47-57.	1.6	60
4179	Evaluating anthropogenic and environmental tritium effects using precipitation and Hokkaido snowpack at selected coastal locations in Asia. <i>Science of the Total Environment</i> , 2019, 659, 1307-1321.	3.9	17
4180	The Influence of Competing Hydroclimate Processes on Stable Isotope Ratios in Tropical Rainfall. <i>Geophysical Research Letters</i> , 2019, 46, 1622-1633.	1.5	61
4181	Mechanism of groundwater recharge in the middle-latitude desert of eastern Hunshandake, China: diffuse or focused recharge?. <i>Hydrogeology Journal</i> , 2019, 27, 761-783.	0.9	6
4182	Controls on leaf wax fractionation and $\delta^2H$ values in tundra vascular plants from western Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 565-583.	1.6	27
4183	Isotopic evidence for changing human mobility patterns after the disintegration of the Western Roman Empire at the Upper Rhine. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 2937-2955.	0.7	8
4184	Spatioâ€™temporal variability of the isotopic input signal in a partly forested catchment: Implications for hydrograph separation. <i>Hydrological Processes</i> , 2019, 33, 36-46.	1.1	14
4185	AvaliaÃ§Ã£o isotÃ³pica e hidrogeoquÃmica de nascentes que descarregam de aquÃferos cÃısticos de Alta altitude no Parque Nacional de Lar, norte do IrÃ£. <i>Hydrogeology Journal</i> , 2019, 27, 655-667.	0.9	13
4186	The relationship between the phosphate and structural carbonate fractionation of fallow deer bioapatite in tooth enamel. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 151-164.	0.7	7

#	ARTICLE	IF	CITATIONS
4187	Synoptic to mesoscale processes affecting the water vapor isotopic daily cycle over a coastal lagoon. <i>Atmospheric Environment</i> , 2019, 197, 118-130.	1.9	4
4188	Flood events in Transylvania during the Medieval Warm Period and the Little Ice Age. <i>Holocene</i> , 2019, 29, 85-96.	0.9	15
4189	<i>Isotope Hydrology</i> , 2019, , 229-264.		1
4190	Long term observations on stable isotope ratios in rainwater samples from twin stations over Southern India; identifying the role of amount effect, moisture source and rainout during the dual monsoons. <i>Climate Dynamics</i> , 2019, 52, 6893-6907.	1.7	17
4191	Impact of hotel septic effluent on the Jinfoshan Karst aquifer, SW China. <i>Hydrogeology Journal</i> , 2019, 27, 321-334.	0.9	8
4192	<i>Basic Knowledge of Geochemical Processes</i> . Springer Geology, 2019, , 9-41.	0.2	1
4193	Reconstructing the western boundary variability of the Western Pacific Subtropical High over the past 2000 years via Chinese cave oxygen isotope records. <i>Climate Dynamics</i> , 2019, 52, 3741-3757.	1.7	31
4194	Overview of the oxygen isotope systematics of land snails from North America. <i>Quaternary Research</i> , 2019, 91, 329-344.	1.0	21
4195	A Late Pleistocene-Holocene multi-proxy record of climate variability in the Jazmurian playa, southeastern Iran. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 754-767.	1.0	40
4196	Holocene Precipitation Records from Inner Mongolia Derived from Hydrogen Isotope Compositions of Sediment Fatty Acids. <i>Radiocarbon</i> , 2019, 61, 51-65.	0.8	1
4197	Stable Isotope Determination in Edible Mushrooms from the Spontaneous Flora of Transylvania. <i>Analytical Letters</i> , 2019, 52, 102-110.	1.0	7
4198	Combined osteomorphological, isotopic, aDNA, and ZooMS analyses of sheep and goat remains from Neolithic Ulucak, Turkey. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 1669-1681.	0.7	26
4199	Early summer precipitation in the lower Yangtze River basin for AD 1845–2011 based on tree-ring cellulose oxygen isotopes. <i>Climate Dynamics</i> , 2019, 52, 1583-1594.	1.7	24
4200	Significance and Limitations of Stable Oxygen Isotope Ratios in the Apatite Phosphate of Archaeological Vertebrate Finds for Provenance Analysis in an Alpine Reference Region. <i>Archaeometry</i> , 2019, 61, 194-210.	0.6	7
4201	Reconstructing caribou seasonal biogeography in Little Ice Age (late Holocene) Western Alaska using intra-tooth strontium and oxygen isotope analysis. <i>Journal of Archaeological Science: Reports</i> , 2019, 23, 1043-1054.	0.2	16
4202	Middle Bronze Age humidity and temperature variations, and societal changes in East-Central Europe. <i>Quaternary International</i> , 2019, 504, 80-95.	0.7	23
4203	Refining Potential Source Regions via Combined Maize Niche Modeling and Isotopes: a Case Study from Chaco Canyon, NM, USA. <i>Journal of Archaeological Method and Theory</i> , 2019, 26, 25-51.	1.4	4
4204	Reconstructing diet and mobility using multi-isotopic analysis in Apurimac, Peru (~AD 880–1260). <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 1089-1105.	0.7	7

#	ARTICLE	IF	CITATIONS
4205	Diet preferences and climate inferred from oxygen and carbon isotopes of tooth enamel of <i>Tarbosaurus bataar</i> (Nemegt Formation, Upper Cretaceous, Mongolia). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109190.	1.0	12
4206	Hydrogeochemical aquifer characterization and its implication for groundwater development in the Maputo district, Mozambique. <i>Quaternary International</i> , 2020, 547, 113-126.	0.7	10
4207	Assessment of recharge source to springs in upper Beas basin of Kullu region, Himachal Pradesh, India using isotopic signatures. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 1217-1225.	0.7	8
4208	Water Isotopes, Carbon Exports, and Landscape Evolution in the Vadu CriÅŸului Karst Basin of Transylvania, Romania. <i>Advances in Karst Science</i> , 2020, , 31-46.	0.3	1
4209	Patterns of Resource Use and Isotopic Niche Overlap Among Guanaco ( <i>Lama guanicoe</i> ), Pampas Deer ( <i>Ozotoceros bezoarticus</i> ) and Marsh Deer ( <i>Blastocerus dichotomus</i> ) in the Pampas. Ecological, Paleoenvironmental and Archaeological Implications. <i>Environmental Archaeology</i> , 2020, 25, 411-444.	0.6	20
4210	Influence of anthropogenic emissions on wet deposition of pollutants and rainwater acidity in Guwahati, a UNESCO heritage city in Northeast India. <i>Atmospheric Research</i> , 2020, 232, 104683.	1.8	18
4211	Stable isotope study of rainfall, river drainage and hot springs of the kerguelen archipelago, SW Indian Ocean. <i>Geothermics</i> , 2020, 83, 101726.	1.5	5
4212	Application of stable isotopes and dissolved ions for monitoring landfill leachate contamination. <i>Environmental Geochemistry and Health</i> , 2020, 42, 1387-1399.	1.8	14
4213	Indian monsoon precipitation isotopes linked with high level cloud cover at local and regional scales. <i>Earth and Planetary Science Letters</i> , 2020, 529, 115837.	1.8	24
4214	Understanding river " subsurface water interactions in upper Ganga basin, India. <i>International Journal of River Basin Management</i> , 2020, 18, 243-253.	1.5	12
4215	Control of seasonal water vapor isotope variations at Lhasa, southern Tibetan Plateau. <i>Journal of Hydrology</i> , 2020, 580, 124237.	2.3	40
4216	Contrasting sensitivity of lake sediment n-alkanoic acids and n-alkanes to basin-scale vegetation and regional-scale precipitation $\delta^2\text{H}$ in the Adirondack Mountains, NY (USA). <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 22-41.	1.6	19
4217	A long-term, high-latitude record of Eocene hydrological change in the Greenland region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109378.	1.0	8
4218	Hydrogeochemical characteristics of a multi-layered coastal aquifer system in the Mekong Delta, Vietnam. <i>Environmental Geochemistry and Health</i> , 2020, 42, 661-680.	1.8	36
4219	Moisture origin and stable isotope characteristics of precipitation in southeast Siberia. <i>Hydrological Processes</i> , 2020, 34, 51-67.	1.1	31
4221	Characterization of Mechanisms and Processes Controlling Groundwater Recharge and its Quality in Drought-Prone Region of Central India (Buldhana, Maharashtra) Using Isotope Hydrochemical and End-Member Mixing Modeling. <i>Natural Resources Research</i> , 2020, 29, 1951-1973.	2.2	16
4222	Stable isotopic and mesowear reconstructions of paleodiet and habitat of the Middle and Late Pleistocene mammals in south-western Germany. <i>Quaternary Science Reviews</i> , 2020, 227, 106026.	1.4	5
4223	Characteristic and factors of stable isotope in precipitation in the source region of the Yangtze River. <i>Agricultural and Forest Meteorology</i> , 2020, 281, 107825.	1.9	8

#	ARTICLE	IF	CITATIONS
4224	A palaeoclimatic record from the Ledo-Paniselian Aquifer in Belgium – Indications for groundwater recharge and flow in a periglacial environment. <i>Quaternary International</i> , 2020, 547, 127-144.	0.7	5
4225	Effect of changes in precipitation amounts and moisture sources on inter- and intra-annual stable oxygen isotope ratios ( $\delta^{18}O$ ) of teak trees from northern Thailand. <i>Agricultural and Forest Meteorology</i> , 2020, 281, 107820.	1.9	20
4226	Isotopic record of palaeodiet of a 7.4 Ma Hipparionine fauna from the central Loess Plateau, northern China: Palaeo-ecological and palaeo-climatic implications. <i>Chemical Geology</i> , 2020, 532, 119353.	1.4	2
4227	Stable isotope proxy records in tropical terrestrial environments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109445.	1.0	10
4228	Temporal variations in soil CO <sub>2</sub> efflux in an alpine meadow site on the Qinghai–Tibetan Plateau. <i>Grassland Science</i> , 2020, 66, 3-15.	0.6	5
4229	<i>Prosopis</i> sp. tree-ring oxygen and carbon isotope record of regional-scale hydroclimate variability during the last 9500 years in the Atacama Desert. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109408.	1.0	16
4230	Paleoecology of <i>Aphelops</i> and <i>Teleoceras</i> (Rhinocerotidae) through an interval of changing climate and vegetation in the Neogene of the Great Plains, central United States. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 542, 109411.	1.0	8
4231	Can stable isotopes of carbon and oxygen be used to determine the origin of freshwater shells used in Neolithic ornaments from Central Europe?. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	10
4232	Stable Isotopes of Water and Nitrate for the Identification of Groundwater Flowpaths: A Review. <i>Water (Switzerland)</i> , 2020, 12, 138.	1.2	34
4233	Specifying recharge zones and mechanisms of the transitional geothermal field through hydrogen and oxygen isotope analyses with consideration of water-rock interaction. <i>Geothermics</i> , 2020, 86, 101797.	1.5	19
4234	Effects of montane watershed development on vulnerability of domestic groundwater supply during drought. <i>Journal of Hydrology</i> , 2020, 583, 124567.	2.3	5
4235	Water Vapor from Western Eurasia Promotes Precipitation during the Snow Season in Northern Xinjiang, a Typical Arid Region in Central Asia. <i>Water (Switzerland)</i> , 2020, 12, 141.	1.2	10
4236	Seasonal contributions of water and pollutants to Lake St. Charles, a drinking water reservoir. <i>Canadian Water Resources Journal</i> , 2020, 45, 125-143.	0.5	4
4238	Seasonal variations in the lake-water oxygen isotope composition of four lakes in the East Asian summer monsoon region: Implications for the interpretation of paleo-isotope records. <i>Progress in Physical Geography</i> , 2020, 44, 572-588.	1.4	3
4239	Sulfur cycling in the Yellow River and the sulfate flux to the ocean. <i>Chemical Geology</i> , 2020, 534, 119451.	1.4	17
4240	Isotopic study on the effect of reservoirs and drought on water cycle dynamics in the tropical Periyar basin draining the slopes of Western Ghats. <i>Journal of Hydrology</i> , 2020, 581, 124421.	2.3	22
4241	Mid- and low latitude effects on eastern South African rainfall over the Holocene. <i>Quaternary Science Reviews</i> , 2020, 229, 106088.	1.4	14
4242	Pluvial periods in Southern Arabia over the last 1.1 million-years. <i>Quaternary Science Reviews</i> , 2020, 229, 106112.	1.4	45

#	ARTICLE	IF	CITATIONS
4243	Linking variability of monsoon precipitation with satellite-based observations of stable water isotopes over Northeast India. <i>Journal of Earth System Science</i> , 2020, 129, 1.	0.6	1
4244	Recent progress on the sources of continental precipitation as revealed by moisture transport analysis. <i>Earth-Science Reviews</i> , 2020, 201, 103070.	4.0	71
4245	Sensitivity of using stable water isotopic tracers to study the hydrology of isolated wetlands in North Florida. <i>Journal of Hydrology</i> , 2020, 580, 124321.	2.3	11
4246	Geochemical constituents in hot spring waters in the Third Pole. , 2020, , 211-235.		1
4247	Waterâ€isotope ecohydrology of Mount Kilimanjaro. <i>Ecohydrology</i> , 2020, 13, e2171.	1.1	20
4248	$\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ of diagenetic land snail shells from the Pliocene (Zanclean) of Lanzarote, Canary Archipelago: Do they still record some climatic parameters?. <i>Journal of African Earth Sciences</i> , 2020, 162, 103702.	0.9	1
4249	Spatial and temporal variation in the isotopic composition of Ethiopian precipitation. <i>Journal of Hydrology</i> , 2020, 585, 124364.	2.3	20
4250	Isotopic interaction and source moisture control on the isotopic composition of rainfall over the Bay of Bengal. <i>Atmospheric Research</i> , 2020, 235, 104760.	1.8	15
4251	Groundwater geochemistry and flow in the Spring Mountains, NV: Implications for the Death Valley Regional Flow System. <i>Journal of Hydrology</i> , 2020, 580, 124313.	2.3	8
4252	Influences of forest canopy on snowpack accumulation and isotope ratios. <i>Hydrological Processes</i> , 2020, 34, 679-690.	1.1	9
4253	Between boreal Siberia and arid Central Asia â€ Stable isotope hydrology and water budget of Burabay National Nature Park ecotone (Northern Kazakhstan). <i>Journal of Hydrology: Regional Studies</i> , 2020, 27, 100644.	1.0	5
4254	Heading for the hills? A multi-isotope study of sheep management in first-millennium BC Italy. <i>Journal of Archaeological Science: Reports</i> , 2020, 29, 102036.	0.2	8
4255	Seasonal partitioning of precipitation between streamflow and evapotranspiration, inferred from end-member splitting analysis. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 17-39.	1.9	31
4256	Depth distribution of soil water sourced by plants at the global scale: A new direct inference approach. <i>Ecohydrology</i> , 2020, 13, e2177.	1.1	43
4257	Study of isotopic seasonality to assess the water source of proglacial stream in Chhota Shigri Glaciated Basin, Western Himalaya. <i>Hydrological Processes</i> , 2020, 34, 1285-1300.	1.1	6
4258	Stable isotope signatures ( $\delta^{2\text{H}}$ , $\delta^{13\text{C}}$ , $\delta^{15\text{N}}$ values) of walnuts ( <i>Juglans regia</i> L.) from different regions in Germany. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1625-1634.	1.7	11
4259	Geochemical identification of the source and environment of produced water from CBM wells and its productivity significance: examples from typical CBM wells in eastern Yunnan and western Guizhou. <i>Geosciences Journal</i> , 2020, 24, 459-473.	0.6	2
4260	Stable Isotope Evidence for Recent Global Warming Hiatus. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 419-424.	1.1	8

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4261	Modern speleothem oxygen isotope hydroclimate records in water-limited SE Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 431-448.	1.6	10
4262	Multi-proxy evidence of Late Quaternary climate and vegetational history of north-central India: Implication for the Paleolithic to Neolithic phases. <i>Quaternary Science Reviews</i> , 2020, 229, 106121.	1.4	25
4263	Continuous monitoring of hydrogen and oxygen stable isotopes in a hot spring: Significance for distant earthquakes. <i>Applied Geochemistry</i> , 2020, 112, 104488.	1.4	6
4264	A novel application of triple oxygen isotope ratios of speleothems. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 360-378.	1.6	31
4265	Climate variability over the past 100 years in Myanmar derived from tree-ring stable oxygen isotope variations in Teak. <i>Theoretical and Applied Climatology</i> , 2020, 139, 1401-1414.	1.3	10
4266	Effects of ecological construction on the transformation of different water types on Loess Plateau, China. <i>Ecological Engineering</i> , 2020, 144, 105642.	1.6	14
4267	The interpretability of stable hydrogen isotopes in modern herbivore tooth enamel. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 84-94.	1.6	2
4268	A 35Åka record of groundwater recharge in south-west Australia using stable water isotopes. <i>Science of the Total Environment</i> , 2020, 717, 135105.	3.9	13
4269	Modeling the contributions of oceanic moisture to summer precipitation in eastern China using 18O. <i>Journal of Hydrology</i> , 2020, 581, 124304.	2.3	7
4270	Hydrogen and oxygen stable isotope composition of water in metaschoepite mineralization on U3O8. <i>Applied Geochemistry</i> , 2020, 112, 104469.	1.4	12
4271	Does damming streams alter the water use strategies of riparian trees? A case study in a subtropic climate. <i>Land Degradation and Development</i> , 2020, 31, 927-938.	1.8	4
4272	Stable isotopes of atmospheric precipitation and its environmental drivers in the Eastern Chinese Loess Plateau, China. <i>Journal of Hydrology</i> , 2020, 581, 124404.	2.3	35
4273	An Asian Summer Monsoon-Related Relative Humidity Record from Tree-Ring $\delta^{18}O$ in Gansu Province, North China. <i>Atmosphere</i> , 2020, 11, 984.	1.0	8
4274	Identifying the seasonal variability in source of groundwater salinization using deuterium excess- a case study from Mewat, Haryana, India. <i>Journal of Hydrology: Regional Studies</i> , 2020, 31, 100724.	1.0	30
4275	Disentangling source of moisture driving glacier dynamics and identification of 8.2Åka event: evidence from pore water isotopes, Western Himalaya. <i>Scientific Reports</i> , 2020, 10, 15324.	1.6	17
4276	Using Stable Isotope Analysis ( $\delta^2D$ and $\delta^{18}O$ ) and Tracing Tests to Characterize the Regional Hydrogeological Characteristics of Kazeroon County, Iran. <i>Water (Switzerland)</i> , 2020, 12, 2487.	1.2	5
4277	Assessment of streamflow components and hydrologic transit times using stable isotopes of oxygen and hydrogen in waters of a subtropical watershed in eastern China. <i>Journal of Hydrology</i> , 2020, 589, 125363.	2.3	19
4278	Stable isotope compositions, sources and paleoenvironmental significance of Holocene calcareous root tubes in the Tengger Desert, Northwest China. <i>Catena</i> , 2020, 195, 104846.	2.2	7



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4279	Validation and calibration of soil $\delta^{2}\text{H}$ and $\delta^{18}\text{O}$ along (E-W) and strike (N-S) of the Himalayan climatic gradient. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 290, 408-423.	1.6	6
4280	A tree-ring $\delta^{18}\text{O}$ series from southernmost Fuego-Patagonia is recording flavors of the Antarctic Oscillation. <i>Global and Planetary Change</i> , 2020, 195, 103302.	1.6	7
4281	Stable Isotope Composition of Cyclone Mekunu Rainfall, Southern Oman. <i>Water Resources Research</i> , 2020, 56, e2020WR027644.	1.7	14
4282	The Gauls experienced the Roman Warm Period: Oxygen isotope study of the Gallic site of ThÃ©zy-Climont, Picardie, France. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102595.	0.2	4
4283	Factors controlling the oxygen isotopic composition of lacustrine authigenic carbonates in Western China: implications for paleoclimate reconstructions. <i>Scientific Reports</i> , 2020, 10, 16370.	1.6	5
4284	Assessment of origin and distribution of fluoride contamination in groundwater using an isotopic signature from a part of the Indo-Gangetic Plain (IGP), India. <i>HydroResearch</i> , 2020, 3, 75-84.	1.7	26
4285	Characterization of Bottled Waters by Multielemental Analysis, Stable and Radiogenic Isotopes. <i>Water (Switzerland)</i> , 2020, 12, 2454.	1.2	15
4286	Mobility of cattle in the Iron Age and Roman Netherlands. <i>Journal of Archaeological Science: Reports</i> , 2020, 32, 102416.	0.2	5
4287	Stable isotopes of precipitation in Nepal Himalaya highlight the topographic influence on moisture transport. <i>Quaternary International</i> , 2020, 565, 22-30.	0.7	8
4288	Andean drought and glacial retreat tied to Greenland warming during the last glacial period. <i>Nature Communications</i> , 2020, 11, 5135.	5.8	10
4289	Evolution of groundwater chemistry in coastal aquifers of the Jiangsu, east China: Insights from a multi-isotope ( $\delta^{2}\text{H}$ , $\delta^{18}\text{O}$ , $87\text{Sr}/86\text{Sr}$ , and $\delta^{11}\text{B}$ ) approach. <i>Journal of Contaminant Hydrology</i> , 2020, 235, 103730.	1.6	19
4290	Isotopic and hydrochemical evidence for the salinity origin in the coastal aquifers of the Pearl River Delta, Guangzhou, China. <i>Journal of Contaminant Hydrology</i> , 2020, 235, 103732.	1.6	17
4291	Chronological characteristics for snow accumulation on Styx Glacier in northern Victoria Land, Antarctica. <i>Journal of Glaciology</i> , 2020, 66, 916-926.	1.1	9
4292	60-year trends of $\delta^{18}\text{O}$ in global precipitation reveal large scale hydroclimatic variations. <i>Global and Planetary Change</i> , 2020, 195, 103335.	1.6	17
4293	An improved ion chromatography system coupled with a melter for high-resolution ionic species reconstruction in Antarctic firn cores. <i>Microchemical Journal</i> , 2020, 159, 105377.	2.3	4
4294	Milk Authentication: Stable Isotope Composition of Hydrogen and Oxygen in Milks and Their Constituents. <i>Molecules</i> , 2020, 25, 4000.	1.7	9
4295	Monthly data of stable isotopic composition ( $\delta^{18}\text{O}$ , $\delta^{2}\text{H}$ ) and tritium activity in precipitation from 2004 to 2017 in the Mecsek Hills, Hungary. <i>Data in Brief</i> , 2020, 32, 106206.	0.5	8
4296	Bayesian estimates of the mean recharge elevations of water sources in the Central America region using stable water isotopes. <i>Journal of Hydrology: Regional Studies</i> , 2020, 32, 100739.	1.0	7

#	ARTICLE	IF	CITATIONS
4297	Stable isotopic reconstruction of dietary changes across Late Antiquity and the Middle Ages in Tuscany. <i>Journal of Archaeological Science: Reports</i> , 2020, 33, 102546.	0.2	2
4298	Hydrometeorological processes and evaporation from falling rain in Indian sub-continent: Insights from stable isotopes and meteorological parameters. <i>Journal of Hydrology</i> , 2020, 591, 125601.	2.3	14
4299	Quantitative assessments of moisture sources and temperature governing rainfall $\delta^{18}O$ from 20 years' monitoring records in SW-France: Importance for isotopic-based climate reconstructions. <i>Journal of Hydrology</i> , 2020, 591, 125327.	2.3	14
4300	Northward Shifts in the Polar Front Preceded BÅlling and Holocene Warming in Southwestern Scandinavia. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088153.	1.5	6
4301	Water isotopes and chemical tools for understanding pesticide transfer in a watershed of the volcanic island of Martinique (French West Indies). <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 684-699.	0.5	2
4302	Moisture sources and climate evolution during the last 30 kyr in northeastern Tibetan Plateau: Insights from groundwater isotopes ( $2H$ , $18O$ , $3H$ and $14C$ ) and water vapour trajectories modeling. <i>Quaternary Science Reviews</i> , 2020, 242, 106426.	1.4	20
4303	Nitrate isotopic composition of sequential Hurricane Harvey wet deposition: Low latitude $NO_x$ sources and oxidation chemistry. <i>Atmospheric Environment</i> , 2020, 238, 117748.	1.9	10
4304	Assessing groundwater recharge and transpiration in a humid northern region dominated by snowmelt using vadose-zone depth profiles. <i>Hydrogeology Journal</i> , 2020, 28, 2315-2329.	0.9	24
4305	Drip water $\delta^{18}O$ variability in the northeastern YucatÅn Peninsula, Mexico: Implications for tropical cyclone detection and rainfall reconstruction from speleothems. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 285, 237-256.	1.6	15
4306	Recrystallization of Holocene calcareous root tubes in the Tengger Desert, Northwest China and its effects on the reliability of paleoenvironmental reconstruction results. <i>Quaternary International</i> , 2020, 562, 85-93.	0.7	4
4307	Climate and surging of Donjek Glacier, Yukon, Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2020, 52, 264-280.	0.4	7
4308	Deuteriumâ€“hydrogen ratios, electrical conductivity and nitrate for high-resolution dating of polar ice cores. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1746576.	0.8	4
4309	Deuterium excess and $\delta^{17}O$ -excess variability in meteoric water across the Pacific Northwest, USA. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1773722.	0.8	32
4310	Close management of sheep in ancient Central Asia: evidence for foddering, transhumance, and extended lambing seasons during the Bronze and Iron Ages. <i>Science and Technology of Archaeological Research</i> , 2020, 6, 41-60.	2.4	18
4311	Isotope hydrology and hydrogeochemical modeling of Troodos Fractured Aquifer, Cyprus: The development of hydrogeological descriptions of observed water types. <i>Applied Geochemistry</i> , 2020, 123, 104780.	1.4	7
4312	A 4.5 Yearâ€“Long Record of Svalbard Water Vapor Isotopic Composition Documents Winter Air Mass Origin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032681.	1.2	6
4313	Baseline bioavailable strontium and oxygen isotope mapping of the Adelaide Region, South Australia. <i>Journal of Archaeological Science: Reports</i> , 2020, 34, 102614.	0.2	1
4314	Effect of subâ€“cloud evaporation on precipitation in the Tianshan Mountains (Central Asia) under the influence of global warming. <i>Hydrological Processes</i> , 2020, 34, 5557-5566.	1.1	18

#	ARTICLE	IF	CITATIONS
4315	Variation in $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values of rainfall, surface water, and groundwater in the Sukhna Lake basin in northwest India. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	17
4316	$\delta^{18}\text{O}$ and $\delta^2\text{H}$ in streamflow across Canada. <i>Journal of Hydrology: Regional Studies</i> , 2020, 32, 100754.	1.0	15
4317	Ecological response of a glacier-fed peatland to late Holocene climate and glacier changes on subantarctic South Georgia. <i>Quaternary Science Reviews</i> , 2020, 250, 106679.	1.4	3
4318	How Elevated $\text{CO}_2$ Shifts Root Water Uptake Pattern of Crop? Lessons from Climate Chamber Experiments and Isotopic Tracing Technique. <i>Water (Switzerland)</i> , 2020, 12, 3194.	1.2	1
4319	Tracing Water Sources and Fluxes in a Dynamic Tropical Environment: From Observations to Modeling. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	17
4320	Application of environmental isotopes in water resources management. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
4321	Coupled impacts of sea ice variability and North Pacific atmospheric circulation on Holocene hydroclimate in Arctic Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33034-33042.	3.3	8
4322	Soil Water Content and Soil Respiration Rates Are Reduced for Years Following Wildfire in a Hot and Dry Climate. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006699.	1.9	7
4323	Oxygen Isotopic Fractionation in Clouds: A Binâ€Resolved Microphysics Model Approach. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031753.	1.2	1
4324	Geochemical Variability in Karst-Siliciclastic Aquifer Spring Discharge, Kaibab Plateau, Grand Canyon. <i>Environmental and Engineering Geoscience</i> , 2020, 26, 367-381.	0.3	3
4325	A Puma concolor (Carnivora: Felidae) in the Middle-Late Holocene landscapes of the Brazilian Northeast (Bahia): submerged cave deposits and stable isotopes. <i>Geobios</i> , 2020, 62, 61-78.	0.7	3
4326	Tree-ring $\delta^{18}\text{O}$ from Southeast China reveals monsoon precipitation and ENSO variability. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 558, 109954.	1.0	14
4327	Formation pathways of light hydrocarbons in deep sediments of the Danube deep-sea fan, Western Black Sea. <i>Marine and Petroleum Geology</i> , 2020, 122, 104627.	1.5	14
4328	Snowfall and Water Stable Isotope Variability in East Antarctica Controlled by Warm Synoptic Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032863.	1.2	15
4329	The Hydrochemical and Isotopic Evolution of the Surface Water and Groundwater for Impoundment in the Xiluodu Reservoir, Jinsha River, China. <i>Sustainability</i> , 2020, 12, 5805.	1.6	2
4330	Holocene poreâ€ice $\delta^{18}\text{O}$ and $\delta^2\text{H}$ records from drained thermokarst lake basins in the Old Crow Flats, Yukon, Canada. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 497-508.	1.5	7
4331	Application of isotope techniques to enhance the conceptual hydrogeological model and to assess groundwater sustainability in the Pampean plain in CÃ³rdoba, Argentina. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 402-417.	0.5	5
4332	Regional Isotopic Signatures of Groundwater in Croatia. <i>Water (Switzerland)</i> , 2020, 12, 1983.	1.2	16

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4333	Isotopic "Altitude" and "Continental" Effects in Modern Precipitation across the Adriatic-Pannonian Region. <i>Water (Switzerland)</i> , 2020, 12, 1797.	1.2	31
4334	An Increase in Specific Discharge With Catchment Area Implies That Bedrock Infiltration Feeds Large Rather Than Small Mountain Headwater Streams. <i>Water Resources Research</i> , 2020, 56, e2019WR025658.	1.7	9
4335	Geochemical evolution, residence times and recharge conditions of the multilayered Tubarão aquifer system (State of São Paulo "Brazil) as indicated by hydrochemical, stable isotope and $\delta^{14}C$ data. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 495-512.	0.5	4
4336	Intra-tooth stable isotope profiles in warthog canines and third molars: Implications for paleoenvironmental reconstructions. <i>Chemical Geology</i> , 2020, 554, 119799.	1.4	6
4337	Tree-ring lignin proxies in <i>Larix gmelinii</i> forest growing in a permafrost area of northeastern China: Temporal variation and potential for climate reconstructions. <i>Ecological Indicators</i> , 2020, 118, 106750.	2.6	8
4338	First snow, glacier and groundwater contribution quantification in the upper Mendoza River basin using stable water isotopes. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 566-585.	0.5	14
4339	Constraining water age dynamics in a south-eastern Australian catchment using an age-ranked storage and stable isotope approach. <i>Hydrological Processes</i> , 2020, 34, 4384-4403.	1.1	8
4340	Fire effects on C and H isotopic composition in plant biomass and soil: Bulk and particle size fractions. <i>Science of the Total Environment</i> , 2020, 749, 141417.	3.9	7
4341	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
4342	Modern constraints on the sources and climate signals recorded by sedimentary plant waxes in west Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 286, 336-354.	1.6	21
4343	Identification of processes that control the stable isotope composition of rainwater in the humid tropical West-Central Africa. <i>Journal of Hydrology</i> , 2020, 584, 124650.	2.3	18
4344	Decrypting stable oxygen isotope variability in modern plants of the Dajuhu peatland from Hubei Province, China: Implications for palaeology and palaeoenvironments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 556, 109910.	1.0	2
4345	Environmental effect and spatiotemporal pattern of stable isotopes in precipitation on the transition zone between the Tibetan Plateau and arid region. <i>Science of the Total Environment</i> , 2020, 749, 141559.	3.9	21
4346	Water exchange processes estimation in a temperate shallow lake based on water stable isotope analysis. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 465-479.	0.5	5
4347	Sub-Hourly Variability of Stable Isotopes in Precipitation in the Marginal Zone of East Asian Monsoon. <i>Water (Switzerland)</i> , 2020, 12, 2145.	1.2	11
4348	The Role of Snowmelt on the Spatio-Temporal Variability of Spring Recharge in a Dolomitic Mountain Group, Italian Alps. <i>Water (Switzerland)</i> , 2020, 12, 2256.	1.2	15
4349	Leaf Wax Lipid Extraction for Archaeological Applications. <i>Current Protocols in Plant Biology</i> , 2020, 5, e20114.	2.8	4
4350	Geothermal evolution of deep parent fluid in Western Guangdong, China: evidence from water chemistry, stable isotopes and geothermometry. <i>Hydrogeology Journal</i> , 2020, 28, 2947-2961.	0.9	11

#	ARTICLE	IF	CITATIONS
4351	Isotopic ecology and extirpation chronology of the extinct Lesser Antillean native rodent <i>Antillomys rayi</i> Brace et al. (2015). <i>Quaternary Science Reviews</i> , 2020, 245, 106509.	1.4	2
4352	Delayed warming in Northeast China: Insights from an annual temperature reconstruction based on tree-ring $\delta^{18}O$ . <i>Science of the Total Environment</i> , 2020, 749, 141432.	3.9	13
4353	Applicability of selected stable isotopes to study the hydrodynamics and contaminant transport within mining areas in Romania and Finland. <i>Geological Society Special Publication</i> , 2021, 507, 169-192.	0.8	3
4354	Diet and residential mobility within the Late Classic elite Maya households of Chinikiha, Chiapas, Mexico. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	4
4355	Hydrochemistry and isotopic signatures of subpermafrost groundwater discharge along the eastern slope of the Lena River Delta in the Laptev Sea. <i>Journal of Hydrology</i> , 2020, 590, 125515.	2.3	7
4356	Stable Isotope Analysis in Archaeological Science and Mummy Studies. , 2020, , 1-14.		0
4357	Atmospheric constraints on $\delta^{18}O$ and d-excess in precipitation at the middle latitude in the southwestern Atlantic region. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 551-565.	0.5	3
4358	Radioactive and stable isotope measurements reveal saline submarine groundwater discharge in a semiarid estuary. <i>Journal of Hydrology</i> , 2020, 590, 125395.	2.3	19
4359	Variations of Stable Isotopic Composition in Atmospheric Water Vapor and their Controlling Factors—A 6-Year Continuous Sampling Study in Nanjing, Eastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031697.	1.2	21
4360	Origin and hydrochemical characteristics of groundwater in the Northeastern Patagonia, Argentina: the relationship with geomorphology and soils. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	7
4361	Speleothems of South American and Asian Monsoons Influenced by a Green Sahara. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089695.	1.5	16
4362	Triple isotope variations of monthly tap water in China. <i>Scientific Data</i> , 2020, 7, 336.	2.4	6
4363	Correlation between $\delta^{18}O_w$ and $\delta^{18}O_{\text{en}}$ for estimating human mobility and paleomobility patterns. <i>Scientific Reports</i> , 2020, 10, 15439.	1.6	7
4364	Rainwater isotopes in central Vietnam controlled by two oceanic moisture sources and rainout effects. <i>Scientific Reports</i> , 2020, 10, 16482.	1.6	29
4365	Hydrogen isotope fractionation in modern plants along a boreal-tundra transect in Alaska. <i>Organic Geochemistry</i> , 2020, 147, 104064.	0.9	13
4366	501 Years of Spring Precipitation History for the Semi-Arid Northern Iran Derived from Tree-Ring $\delta^{18}O$ Data. <i>Atmosphere</i> , 2020, 11, 889.	1.0	15
4367	Isotope Composition of Precipitation, Groundwater, and Surface and Lake Waters from the Plitvice Lakes, Croatia. <i>Water (Switzerland)</i> , 2020, 12, 2414.	1.2	13
4368	Can summer monsoon moisture invade the Jade Pass in Northwestern China?. <i>Climate Dynamics</i> , 2020, 55, 3101-3115.	1.7	11

#	ARTICLE	IF	CITATIONS
4369	Headwater Flow Geochemistry of Mount Everest (Upper Dudh Koshi River, Nepal). <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	2
4370	Water sources for red maple trees in a northern hardwood forest under a changing climate. <i>Ecohydrology</i> , 2020, 13, e2248.	1.1	8
4371	What Controls the Water Vapor Isotopic Composition Near the Surface of Tropical Oceans? Results From an Analytical Model Constrained by Large-Eddy Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002106.	1.3	19
4372	Isotopic systematics point to wild origin of mummified birds in Ancient Egypt. <i>Scientific Reports</i> , 2020, 10, 15463.	1.6	3
4373	Isotopic composition and hydrogeochemistry of a periglacial Andean catchment and its relevance in the knowledge of water resources in mountainous areas. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 480-494.	0.5	10
4374	Human footprints provide snapshot of last interglacial ecology in the Arabian interior. <i>Science Advances</i> , 2020, 6, .	4.7	34
4375	Clumped isotope constraints on changes in latest Pleistocene hydroclimate in the northwestern Great Basin: Lake Surprise, California. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 2669-2683.	1.6	7
4376	Isotopic insights on continental water sources and transport in the mountains and plains of Southern South America. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 586-605.	0.5	8
4377	Correlation of seasonal precipitation isotopic profile with the modern climatological data: a case study from the western Newfoundland region of Canada. <i>Geological Society Special Publication</i> , 2021, 507, 63-75.	0.8	1
4378	A Climatological Interpretation of Precipitation $\delta^{18}O$ across Siberia and Central Asia. <i>Water (Switzerland)</i> , 2020, 12, 2132.	1.2	5
4379	Characterization of low-enthalpy geothermal resources and evaluation of potential contaminants. <i>Rendiconti Lincei</i> , 2020, 31, 1055-1070.	1.0	3
4380	Variation Characteristics of Stable Isotopes in Precipitation and Response to Regional Climate Conditions during Pre-monsoon, Monsoon and Post-monsoon Periods in the Tianshui Area. <i>Water (Switzerland)</i> , 2020, 12, 2391.	1.2	3
4381	From mountains to cities: a novel isotope hydrological assessment of a tropical water distribution system. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 606-623.	0.5	10
4382	Stable Isotope Hydrology of Cave Groundwater and Its Relevance for Speleothem-Based Paleoenvironmental Reconstruction in Croatia. <i>Water (Switzerland)</i> , 2020, 12, 2386.	1.2	8
4383	Seasonal variation in tap water $\delta^2H$ and $\delta^{18}O$ isotopes reveals two tap water worlds. <i>Scientific Reports</i> , 2020, 10, 13544.	1.6	20
4384	Unraveling biogeochemical phosphorus dynamics in hyperarid Mars-analogue soils using stable oxygen isotopes in phosphate. <i>Geobiology</i> , 2020, 18, 760-779.	1.1	12
4385	Leaf Waxes and Hemicelluloses in Topsoils Reflect the $\delta^2H$ and $\delta^{18}O$ Isotopic Composition of Precipitation in Mongolia. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	11
4386	Reconstruction of Sea Ice Concentration in Northern Baffin Bay Using Deuterium Excess in a Coastal Ice Core From the Northwestern Greenland Ice Sheet. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031668.	1.2	7

#	ARTICLE	IF	CITATIONS
4387	Unstable relationship between tree-ring $\delta^{18}\text{O}$ in the transitional zone of the Asian summer monsoon and the Indian summer monsoon. <i>Journal of Hydrology</i> , 2020, 590, 125522.	2.3	8
4388	Natural and Anthropogenic Groundwater Contamination in a Coastal Volcanic-Sedimentary Aquifer: The Case of the Archaeological Site of Cumae (Phlegraean Fields, Southern Italy). <i>Water (Switzerland)</i> , 2020, 12, 3463.	1.2	15
4389	Deuterium Excess in Precipitation Reveals Water Vapor Source in the Monsoon Margin Sites in Northwest China. <i>Water (Switzerland)</i> , 2020, 12, 3315.	1.2	8
4390	Data on stable isotopic composition of $\delta^{18}\text{O}$ and $\delta^2\text{H}$ in precipitation in the Varazdin area, NW Croatia. <i>Data in Brief</i> , 2020, 33, 106573.	0.5	1
4391	Plant genetic variation drives geographic differences in atmosphere-plant-ecosystem feedbacks. <i>Plant-Environment Interactions</i> , 2020, 1, 166-180.	0.7	5
4392	Unraveling Glacial Hydroclimate in the Indo-Pacific Warm Pool: Perspectives From Water Isotopes. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003985.	1.3	19
4393	Characterizing spatial and temporal variation in $\delta^{18}\text{O}$ and $\delta^2\text{H}$ content of New Zealand river water for better understanding of hydrologic processes. <i>Hydrological Processes</i> , 2020, 34, 5474-5488.	1.1	14
4394	Coastal palaeoenvironments and hunter-gatherer plant-use at Waterfall Bluff rock shelter in Mpondoland (South Africa) from MIS 3 to the Early Holocene. <i>Quaternary Science Reviews</i> , 2020, 250, 106664.	1.4	20
4395	Quantitative Analysis of the Sub-Cloud Evaporation of Atmospheric Precipitation and Its Controlling Factors Calculated By D-Excess in an Inland River Basin of China. <i>Water (Switzerland)</i> , 2020, 12, 2798.	1.2	8
4396	Seasonal variations of the isotopic ratios for oxygen and deuterium in the groundwater of the Serra Geral Aquifer System in the northeast region of the state of Rio Grande do Sul, Brazil. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	0
4397	High latitude meteoric $\delta^{18}\text{O}$ compositions from the Cenomanian Bastion Ridge Formation, Axel Heiberg Island, Canadian Arctic Archipelago: a palaeoclimate proxy from the Sverdrup Basin. <i>Geological Society Special Publication</i> , 2020, 498, 57-74.	0.8	2
4398	Melting Himalayan Glaciers Threaten Domestic Water Resources in the Mount Everest Region, Nepal. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	28
4399	Rainfall recharge thresholds in a subtropical climate determined using a regional cave drip water monitoring network. <i>Journal of Hydrology</i> , 2020, 587, 125001.	2.3	19
4400	Delineating the source and mechanism of groundwater salinization in crucial declining aquifer using multi-chemo-isotopes approaches. <i>Journal of Hydrology</i> , 2020, 586, 124877.	2.3	23
4401	Identifying hydrological conditions of the Pihe River catchment in the Chengdu Plain based on spatio-temporal distribution of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 1125-1140.	0.7	11
4402	Interpretation of Oxygen Isotopes in Phanerozoic Ophiolites and Sedimentary Rocks. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009000.	1.0	6
4403	Variation of deuterium excess in surface waters across a 5000-m elevation gradient in eastern Nepal. <i>Journal of Hydrology</i> , 2020, 586, 124802.	2.3	4
4404	A detailed East Asian monsoon history of Greenland Interstadial 21 in southeastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 552, 109752.	1.0	6

#	ARTICLE	IF	CITATIONS
4405	Iceâ€Wedge Evidence of Holocene Winter Warming in the Canadian Arctic. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087942.	1.5	16
4406	An isotopic approach to partition evapotranspiration in a mixed deciduous forest. <i>Ecohydrology</i> , 2020, 13, e2229.	1.1	4
4407	Tracking nitrate and sulfate sources in groundwater of an urbanized valley using a multi-tracer approach combined with a Bayesian isotope mixing model. <i>Water Research</i> , 2020, 182, 115962.	5.3	164
4408	New insights on Chinese cave $\delta^{18}O$ records and their paleoclimatic significance. <i>Earth-Science Reviews</i> , 2020, 207, 103216.	4.0	67
4409	Paleoclimatic investigations using isotopic signatures of the Late Pleistocene-Holocene groundwater of the stratified aquifers in Kuwait. <i>Journal of Hydrology</i> , 2020, 588, 125111.	2.3	16
4410	Atmospheric factors controlling stable isotope variations in modern precipitation of the tropical region of Bangladesh. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 220-237.	0.5	9
4411	A Late Miocene to Late Pleistocene Reconstruction of Precipitation Isotopes and Climate From Hydrated Volcanic Glass Shards and Biomarkers in Central Alaska and Yukon. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003791.	1.3	4
4412	Overview of the Chemical and Isotopic Investigations of the Mareza Springs and the Zeta River in Montenegro. <i>Water (Switzerland)</i> , 2020, 12, 957.	1.2	4
4413	Sources and behavior of monsoon air masses in the lowest-latitude region on the Tibetan Plateau, and their paleoclimatic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 554, 109750.	1.0	2
4414	Using water isotopes and hydrogeochemical evidences to characterize groundwater age and recharge rate in the Zhangjiakou area, North China. <i>Journal of Chinese Geography</i> , 2020, 30, 935-948.	1.5	9
4415	Geological basement control on $^{222}Rn$ accumulation as an input function for hydrogeological systems on a loess aquifer, Argentina. <i>Catena</i> , 2020, 194, 104692.	2.2	2
4416	Holocene temperature and landscape history of southwest Greenland inferred from isotope and geochemical lake sediment proxies. <i>Quaternary Science Reviews</i> , 2020, 239, 106358.	1.4	9
4417	East Asian Precipitation $\delta^{18}O$ Relationship With Various Monsoon Indices. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032282.	1.2	6
4418	Using Isotopes (H, O, and Sr) and Major Ions to Identify Hydrogeochemical Characteristics of Groundwater in the Hongjiannao Lake Basin, Northwest China. <i>Water (Switzerland)</i> , 2020, 12, 1467.	1.2	10
4419	Combined use of stable isotopes and hydrochemical characteristics to determine streamflow sources in the Jonkershoek catchment, South Africa. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 238-259.	0.5	5
4420	Late Pleistocene environmental information on the Diexi paleo-dammed lake of the upper Minjiang River in the eastern margin of the Tibetan Plateau, China. <i>Journal of Mountain Science</i> , 2020, 17, 1172-1187.	0.8	0
4421	Controls on the isotopic composition of daily precipitation characterized by dual moisture transport pathways at the monsoonal margin region of North-Western India. <i>Journal of Hydrology</i> , 2020, 588, 125106.	2.3	25
4422	Isotope and chemical assessment of natural water in the Jaffna Peninsula in northern Sri Lanka for groundwater development aspects. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 205-219.	0.5	4



#	ARTICLE	IF	CITATIONS
4423	Seasonal divergence between soil water availability and atmospheric moisture recorded in intra-annual tree-ring $\delta^{18}O$ extremes. <i>Environmental Research Letters</i> , 2020, 15, 094036.	2.2	15
4424	Long-term trend of precipitation stable isotopic compositions under global warming conditions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 325, 557-565.	0.7	4
4425	Long-term climate evolution based on ice core records. , 2020, , 3-25.		0
4426	Bias correcting isotope-equipped GCMs outputs to build precipitation oxygen isoscape for eastern China. <i>Journal of Hydrology</i> , 2020, 589, 125153.	2.3	7
4427	Colonisation dynamic and diversity patterns of Holocene forest snail fauna across temperate Europe: The imprint of palaeoclimate changes. <i>Quaternary Science Reviews</i> , 2020, 240, 106367.	1.4	5
4428	Holocene precipitation seasonality in northern Svalbard: Influence of sea ice and regional ocean surface conditions. <i>Quaternary Science Reviews</i> , 2020, 240, 106388.	1.4	12
4429	Structural Controls on Crustal Fluid Circulation and Hot Spring Geochemistry Above a Flat-Slab Subduction Zone, Peru. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008919.	1.0	8
4430	Meridional and vertical variations of the water vapour isotopic composition in the marine boundary layer over the Atlantic and Southern Ocean. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5811-5835.	1.9	28
4431	Diet, Nutrition, and Foodways on the North Coast of Peru. <i>Bioarchaeology and Social Theory</i> , 2020, , .	0.3	1
4432	Rainfall, groundwater, and surface water isotope data from extreme tropical cyclones (2016-2019) within the Caribbean Sea and Atlantic Ocean basins. <i>Data in Brief</i> , 2020, 30, 105633.	0.5	10
4433	HydroMix v1.0: a new Bayesian mixing framework for attributing uncertain hydrological sources. <i>Geoscientific Model Development</i> , 2020, 13, 2433-2450.	1.3	16
4434	Responses of sedimentary $\delta^{2}H$ values to environmental changes as revealed by different plant responses to altitude and altitude-related temperatures. <i>Science of the Total Environment</i> , 2020, 733, 138087.	3.9	5
4435	Environmental conditions at the Last Interglacial (Eemian) site Neumark-Nord 2, Germany inferred from stable isotope analysis of freshwater mollusc opercula. <i>Boreas</i> , 2020, 49, 477-487.	1.2	4
4436	First indications of seasonal and spatial variations of water sources in pine trees along an elevation gradient in a Mediterranean ecosystem derived from $\delta^{18}O$ . <i>Chemical Geology</i> , 2020, 549, 119695.	1.4	12
4437	The Results of Precipitation Isotope Composition Monitoring in the Northern and Middle Urals. <i>Russian Meteorology and Hydrology</i> , 2020, 45, 201-206.	0.2	1
4438	Urban water systems under climate stress: An isotopic perspective from Berlin, Germany. <i>Hydrological Processes</i> , 2020, 34, 3758-3776.	1.1	30
4439	Colonialism, slavery and 'The Great Experiment': Carbon, nitrogen and oxygen isotope analysis of Le Morne and Bois Marchand cemeteries, Mauritius. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102335.	0.2	5
4440	Mobility and origin of camels in the Roman Empire through serial stable carbon and oxygen isotope variations in tooth enamel. <i>Quaternary International</i> , 2020, 557, 80-91.	0.7	3

#	ARTICLE	IF	CITATIONS
4441	Stable source of Holocene spring precipitation recorded in leaf wax hydrogen-isotope ratios from two New York lakes. <i>Quaternary Science Reviews</i> , 2020, 240, 106357.	1.4	11
4442	A 338-year tree-ring oxygen isotope record from Thai teak captures the variations in the Asian summer monsoon system. <i>Scientific Reports</i> , 2020, 10, 8966.	1.6	35
4443	The Influence of Synoptic Weather Types and Moisture Transport Pathways on Precipitation Isotopes in Southern Patagonia. <i>Atmosphere</i> , 2020, 11, 514.	1.0	1
4444	A reassessment of the discrepancies in the annual variation of $\delta D-H_2O$ in the tropical lower stratosphere between the MIPAS and ACE-FTS satellite data sets. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 287-308.	1.2	1
4445	First data set of $H_2O/HDO$ columns from the Tropospheric Monitoring Instrument (TROPOMI). <i>Atmospheric Measurement Techniques</i> , 2020, 13, 85-100.	1.2	24
4446	Stable water isotopes and accumulation rates in the Union Glacier region, Ellsworth Mountains, West Antarctica, over the last 35 years. <i>Cryosphere</i> , 2020, 14, 881-904.	1.5	8
4447	Last glacial climate oscillations and sudden environmental changes investigated in stalagmites from southwest Sulawesi, western Pacific. <i>Turkish Journal of Earth Sciences</i> , 2020, 29, 221-241.	0.4	1
4448	A tree-ring $\delta^{18}O$ based reconstruction of East Asia summer monsoon over the past two centuries. <i>PLoS ONE</i> , 2020, 15, e0234421.	1.1	9
4449	Early pastoral mobility and seasonality in Kenya assessed through stable isotope analysis. <i>Journal of Archaeological Science</i> , 2020, 117, 105099.	1.2	20
4450	$\delta^2H$ of water from fluid inclusions in Proterozoic halite: Evidence for a deuterium-depleted hydrosphere?. <i>Chemical Geology</i> , 2020, 541, 119583.	1.4	3
4451	Geochemical and isotopic characterization of groundwater and identification of hydrogeochemical processes in the Berrechid aquifer of central Morocco. <i>Carbonates and Evaporites</i> , 2020, 35, 1.	0.4	12
4452	A first look at oxygen isotope records from modern and Holocene-aged gastropod ( <i>Stenomelania</i> ) shells from Lake Kutubu, Papua New Guinea. <i>Journal of Quaternary Science</i> , 2020, 35, 457-464.	1.1	2
4453	Variability of Isotope Composition of Precipitation in the Southeastern Tibetan Plateau from the Synoptic to Seasonal Time Scale. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031751.	1.2	21
4454	The Structure of Climate Variability Across Scales. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000657.	9.0	71
4455	Carbonate facies-specific stable isotope data record climate, hydrology, and microbial communities in Great Salt Lake, UT. <i>Geobiology</i> , 2020, 18, 566-593.	1.1	27
4456	Periglacial water paths within a rock glacier-dominated catchment in the Stepanek area, Central Andes, Mendoza, Argentina. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 311-323.	1.5	17
4457	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
4458	NALPS19: sub-orbital-scale climate variability recorded in northern Alpine speleothems during the last glacial period. <i>Climate of the Past</i> , 2020, 16, 29-50.	1.3	39

#	ARTICLE	IF	CITATIONS
4459	Analysis of the Spatial Distribution of Stable Oxygen and Hydrogen Isotopes in Precipitation across the Iberian Peninsula. <i>Water (Switzerland)</i> , 2020, 12, 481.	1.2	28
4460	Major ions, $\delta D$ , $\delta^{18}O$ and microbial characterization of drinking water sources along the West Coast of Cameroon. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	2
4461	Hydrochemical and environmental isotopes analysis for characterizing a complex karst hydrogeological system of Watuputih area, Rembang, Central Java, Indonesia. <i>Hydrogeology Journal</i> , 2020, 28, 1635-1659.	0.9	12
4462	Groundwater isotope ratios reflect convective and stratiform (paleo)precipitation fractions in Brazil. <i>Journal of Hydrology</i> , 2020, 585, 124801.	2.3	9
4463	Variation of the stable isotopes of water in the soil-plant-atmosphere continuum of a <i>Cinnamomum camphora</i> woodland in the East Asian monsoon region. <i>Journal of Hydrology</i> , 2020, 589, 125199.	2.3	39
4464	How does varying water supply affect oxygen isotope variations in needles and tree rings of Scots pine?. <i>Tree Physiology</i> , 2020, 40, 1366-1380.	1.4	7
4465	Isotopic and time series investigations of recent stalagmites (1945–2018), Schlossberg tunnels, Graz, Austria: implications for climate change in Central Europe. <i>Geological Society Special Publication</i> , 2020, , SP507-2019-154.	0.8	1
4466	Using ratios in cave guano to assess past environmental changes. <i>Geological Society Special Publication</i> , 2021, 507, 209-224.	0.8	6
4467	Geochemical Characteristics and Productivity Response of Produced Water from Coalbed Methane Wells in the Yuwang Block, Eastern Yunnan, China. <i>Geofluids</i> , 2020, 2020, 1-11.	0.3	4
4468	Modeling $\delta D$ - $\delta^{18}O$ Steady-State of Well-Sealed Perennially Ice-Covered Lakes and Their Recharge Source: Examples From Lake Untersee and Lake Vostok, Antarctica. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	10
4469	Moisture Source Tagging Confirming the Polar Amplification Effect in Amplifying the Temperature- $\delta^{18}O$ Temporal Slope Since the LGM. <i>Atmosphere</i> , 2020, 11, 610.	1.0	0
4470	An Attempt to Characterize the Recharge of Alluvial Fans Facing the Northern Italian Apennines: Indications from Water Stable Isotopes. <i>Water (Switzerland)</i> , 2020, 12, 1561.	1.2	4
4471	Multiple drivers of Miocene C4 ecosystem expansions. <i>Nature Geoscience</i> , 2020, 13, 463-464.	5.4	8
4472	Reply to: Multiple drivers of Miocene C4 ecosystem expansions. <i>Nature Geoscience</i> , 2020, 13, 465-467.	5.4	3
4473	Conservation of oxygen and hydrogen seasonal isotopic signals in meteoric precipitation in groundwater: An experimental tank study of the effects of land cover in a summer monsoon climate. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 284, 254-272.	1.6	12
4474	Subsurface hydrological processes and groundwater residence time in a coastal alluvium aquifer: Evidence from environmental tracers ( $\delta^{18}O$ , $\delta^2H$ , CFCs, 3H) combined with hydrochemistry. <i>Science of the Total Environment</i> , 2020, 743, 140684.	3.9	25
4475	Origin of groundwater in Hanoi, Vietnam, revealed by environmental isotopes. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 370-386.	0.5	4
4476	Growing up in Ancient Sardinia: Infant-toddler dietary changes revealed by the novel use of hydrogen isotopes ( $\delta^2H$ ). <i>PLoS ONE</i> , 2020, 15, e0235080.	1.1	3

#	ARTICLE	IF	CITATIONS
4477	Seasonal and spatial variability in $\delta^{18}\text{O}$ and $\delta^2\text{H}$ 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
4478	Datasets for spatial variation of O and H isotopes in waters and hair across South Korea. <i>Data in Brief</i> , 2020, 30, 105666.	0.5	1
4479	Signatures of monsoon intra-seasonal oscillation and stratiform process in rain isotope variability in northern Bay of Bengal and their simulation by isotope enabled general circulation model. <i>Climate Dynamics</i> , 2020, 55, 1649-1663.	1.7	7
4480	Late glacial and Holocene paleoenvironments in the midcontinent United States, inferred from Geneva Lake leaf wax, ostracode valve, and bulk sediment chemistry. <i>Quaternary Science Reviews</i> , 2020, 241, 106384.	1.4	6
4481	Time series analysis of the $\delta^2\text{H}$ , $\delta^{18}\text{O}$ and $d_{\text{excess}}$ values in correlation with monthly temperature, relative humidity and precipitation in Râmnicu Vâlcea, Romania: 2012–2018. <i>Geological Society Special Publication</i> , 2021, 507, 77-89.	0.8	3
4482	Palaeoecological and palaeoenvironmental reconstruction of the upper Miocene vertebrate karstic site of Corral de Lobato, central-eastern Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 556, 109877.	1.0	2
4483	Multi-proxy evidence for millennial-scale changes in North Pacific Holocene hydroclimate from the Kenai Peninsula lowlands, south-central Alaska. <i>Quaternary Science Reviews</i> , 2020, 241, 106420.	1.4	12
4484	Speleothem record attests to stable environmental conditions during Neanderthal–modern human turnover in southern Italy. <i>Nature Ecology and Evolution</i> , 2020, 4, 1188-1195.	3.4	34
4485	Geographic variations in the slope of the $\delta^2\text{H}$ – $\delta^{18}\text{O}$ meteoric water line over Europe: a record of increasing continentality. <i>Geological Society Special Publication</i> , 2021, 507, 5-17.	0.8	7
4486	Hydrogeochemical characteristics of a closed karst groundwater basin in North China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 325, 365-379.	0.7	12
4487	Tree-ring $\delta^2\text{H}$ values from lignin methoxyl groups indicate sensitivity to European-scale temperature changes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 546, 109665.	1.0	9
4488	Stable isotopic composition in snowpack along the traverse from a coastal location to Dome A (East) Tj ETQq1 1 0.784314 rgBT /Overlo	0.5	8
4489	Extinction of North American <i>Cuvieronius</i> (Mammalia: Proboscidea: Gomphotheriidae) driven by dietary resource competition with sympatric mammoths and mastodons. <i>Paleobiology</i> , 2020, 46, 41-57.	1.3	8
4490	Isotopic Equilibrium Between Precipitation and Water Vapor in Northern Patagonia and Its Consequences on $\delta^{18}\text{O}_{\text{cellulose}}$ Estimate. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005418.	1.3	4
4491	The main controls of the precipitation stable isotopes at Kathmandu, Nepal. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2020, 72, 1-17.	0.8	12
4492	Extended Cave Drip Water Time Series Captures the 2015–2016 El Niño in Northern Borneo. <i>Geophysical Research Letters</i> , 2020, 47, no.	1.5	14
4493	Evaluating CO <sub>2</sub> flux and recharge source in geothermal springs, Garhwal Himalaya, India: stable isotope systematics and geochemical proxies. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14818-14835.	2.7	16
4494	Scale deposits in tunnel drainage systems – A study on fabrics and formation mechanisms. <i>Science of the Total Environment</i> , 2020, 718, 137140.	3.9	20

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4495	Recharge seasonality based on stable isotopes: Nongrowing season bias altered by irrigation in Nebraska. <i>Hydrological Processes</i> , 2020, 34, 1575-1586.	1.1	9
4496	Imperial Roman mobility and migration at Velia (1st to 2nd c. CE) in southern Italy. <i>Journal of Archaeological Science: Reports</i> , 2020, 30, 102217.	0.2	8
4497	Daily precipitation isotope variation in Midwestern United States: Implication for hydroclimate and moisture source. <i>Science of the Total Environment</i> , 2020, 713, 136631.	3.9	31
4498	Characteristics of $\delta D$ and $\delta^{18}O$ of Reclaimed Mine Soil Water Profile and Its Source Water Bodies in a Coal Mining Subsidence Area with High Groundwater Level—A Case Study from the Longdong Coal Mining Subsidence Area in Jiangsu Province, China. <i>Water (Switzerland)</i> , 2020, 12, 274.	1.2	1
4499	Application of Stable Water Isotopes to Improve Conceptual Model of Alluvial Aquifer in the Varadindin Area. <i>Water (Switzerland)</i> , 2020, 12, 379.	1.2	16
4500	Long-term winter/summer warming trends during the Holocene revealed by $\delta^{13}C$ -cellulose $\delta^{18}O/\delta^{13}C$ records from an alpine peat core from central Asia. <i>Quaternary Science Reviews</i> , 2020, 232, 106217.	1.4	44
4501	Invasive species, not environmental changes, restrict the population and geographical range of the quokka ( <i>Setonix brachyurus</i> ). <i>Journal of Zoology</i> , 2020, 311, 106-115.	0.8	2
4502	Long-term meteorological data and isotopic composition in precipitation, surface water and groundwater revealed hydrologic sensitivity to climate change in East Ukraine. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 136-148.	0.5	8
4503	Combined use of elemental profiles and stable isotope ratios for the botanical and commercial discrimination of gum Arabic. <i>Food Hydrocolloids</i> , 2020, 105, 105773.	5.6	2
4504	Human remains, context, and place of origin for the Salme, Estonia, boat burials. <i>Journal of Anthropological Archaeology</i> , 2020, 58, 101149.	0.7	7
4505	Morpho-tectonic control on the distribution of C3-C4 plants in the central Himalayan Siwaliks during Late Plio-Pleistocene. <i>Earth and Planetary Science Letters</i> , 2020, 535, 116119.	1.8	23
4506	Climatic and hydrologic variability in the northern Mediterranean across the onset of the Messinian salinity crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 545, 109632.	1.0	17
4507	Geochemistry of Small Canadian Arctic Rivers with Diverse Geological and Hydrological Settings. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005414.	1.3	18
4508	Modification of stable isotopes in snow and related post-depositional processes on a temperate glacier of Mt. Yulong, southeast Tibetan Plateau. <i>Journal of Hydrology</i> , 2020, 584, 124675.	2.3	15
4509	What Causes the Postmonsoon $^{18}O$ Depletion Over Bay of Bengal Head and Beyond?. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL086985.	1.5	11
4510	Atmospheric circulation and the differentiation of precipitation sources during the Holocene inferred from five stalagmite records from DemänovĀ Cave System (Central Europe). <i>Holocene</i> , 2020, 30, 834-846.	0.9	8
4511	Resolving combined influences of inflow and evaporation on western Greenland lake water isotopes to inform paleoclimate inferences. <i>Journal of Paleolimnology</i> , 2020, 63, 251-268.	0.8	18
4512	Oxygen stable isotopes of a network of shrubs and trees as high-resolution plaeoclimatic proxies in Northwestern China. <i>Agricultural and Forest Meteorology</i> , 2020, 285-286, 107929.	1.9	8

#	ARTICLE	IF	CITATIONS
4513	Further insight into Neolithic agricultural management at Kouphovouno, southern Greece: expanding the isotopic approach. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	21
4514	Application of a Self-Organizing Map of Isotopic and Chemical Data for the Identification of Groundwater Recharge Sources in Nasunogahara Alluvial Fan, Japan. <i>Water (Switzerland)</i> , 2020, 12, 278.	1.2	12
4515	Effect of altitude on the stable carbon and oxygen isotopic compositions of land snails at the margin of the East Asian monsoon. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 273, 99-115.	1.6	5
4516	Long-term responses to climate change of the carbon and oxygen stable isotopic compositions and gelatinization temperature of rice. <i>Food Chemistry</i> , 2020, 315, 126239.	4.2	12
4517	Geographic effects on stable isotopic composition of precipitation across Thailand. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 111-121.	0.5	10
4519	Hydrometeorological processes in semi-arid western India: insights from long term isotope record of daily precipitation. <i>Climate Dynamics</i> , 2020, 54, 2745-2757.	1.7	15
4520	Elevation and spatial structure explain most surface-water isotopic variation across five Pacific Coast basins. <i>Journal of Hydrology</i> , 2020, 583, 124610.	2.3	5
4521	Chronology and characteristics of groundwater along the United Arab Emirates-Oman arid region: a guide for regional sustainability. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 1055-1070.	0.7	5
4522	Stable isotope compositions of herbivore teeth indicate climatic stability leading into the mid-Miocene Climatic Optimum, in Idaho, U.S.A. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 546, 109610.	1.0	7
4523	Long-Term Isotope Records of Precipitation in Zagreb, Croatia. <i>Water (Switzerland)</i> , 2020, 12, 226.	1.2	36
4524	Human mobility in the Lop Nur region during the Han-Jin Dynasties: a multi-approach study. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	8
4526	Hydrogeochemical and isotopic characteristics of surface water and groundwater in the Qinghai Lake catchment (China). <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	7
4527	The stable isotopic composition variation characteristics of desert plants and water sources in an artificial revegetation ecosystem in Northwest China. <i>Catena</i> , 2020, 189, 104499.	2.2	23
4528	The potential of $\delta^2\text{H}$ -alkanes and $\delta^{18}\text{O}$ -sugar for paleoclimate reconstruction – A regional calibration study for South Africa. <i>Science of the Total Environment</i> , 2020, 716, 137045.	3.9	19
4529	Spatial Variability of Dissolved Organic Carbon, Solutes, and Suspended Sediment in Disturbed Low Arctic Coastal Watersheds. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005505.	1.3	10
4530	Late Cenozoic topographic evolution of the Eastern Cordillera and Puna Plateau margin in the southern Central Andes (NW Argentina). <i>Earth and Planetary Science Letters</i> , 2020, 535, 116112.	1.8	25
4531	An entropy-based analysis method of precipitation isotopes revealing main moisture transport corridors globally. <i>Global and Planetary Change</i> , 2020, 187, 103134.	1.6	10
4532	Early Holocene Indian summer monsoon and its impact on vegetation in the Central Himalaya: Insight from $\delta^2\text{H}$ and $\delta^{13}\text{C}$ values of leaf wax lipid. <i>Holocene</i> , 2020, 30, 1063-1074.	0.9	15

#	ARTICLE	IF	CITATIONS
4533	Assessment of surface water and groundwater interaction using hydrogeology, hydrochemical and isotopic constituents in the Imphal river basin, Northeast India. <i>Groundwater for Sustainable Development</i> , 2020, 11, 100391.	2.3	16
4534	Enamel isotopes reveal late Pleistocene ecosystem dynamics in southeastern North America. <i>Quaternary Science Reviews</i> , 2020, 236, 106284.	1.4	2
4535	Spatial variations in oxygen and hydrogen isotopes in waters and human hair across South Korea. <i>Science of the Total Environment</i> , 2020, 726, 138365.	3.9	21
4536	Ground ice at depths in the Tianshuihai Lake basin on the western Qinghai-Tibet Plateau: An indication of permafrost evolution. <i>Science of the Total Environment</i> , 2020, 729, 138966.	3.9	10
4537	Pit lake oxygen and hydrogen isotopic composition in subarctic Sweden: A comparison to the local meteoric water line. <i>Applied Geochemistry</i> , 2020, 118, 104611.	1.4	6
4538	Onset and maturation of Asian summer monsoon precipitation reconstructed from intra-annual tree-ring oxygen isotopes from the southeastern Tibetan Plateau. <i>Quaternary Research</i> , 2021, 103, 139-147.	1.0	7
4539	Tracer hydrology of the data-scarce and heterogeneous Central American Isthmus. <i>Hydrological Processes</i> , 2020, 34, 2660.	1.1	19
4540	Groundwater connectivity of a sheared gneiss aquifer in the Cauvery River basin, India. <i>Hydrogeology Journal</i> , 2020, 28, 1371-1388.	0.9	20
4541	Groundwater sources in the Island of Maui, Hawaii – A combined noble gas, stable isotope, and tritium approach. <i>Applied Geochemistry</i> , 2020, 117, 104587.	1.4	4
4542	Origin and variability of oxygen and hydrogen isotopic composition of precipitation in the Central Andes: A review. <i>Journal of Hydrology</i> , 2020, 587, 124899.	2.3	29
4543	Characterization and comparison of groundwater quality and redox conditions in the Arakawa Lowland and Musashino Upland, southern Kanto Plain of the Tokyo Metropolitan area, Japan. <i>Science of the Total Environment</i> , 2020, 722, 137783.	3.9	9
4544	Mass Balance and Climate History of a High-Altitude Glacier, Desert Andes of Chile. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	19
4545	Long-Term Isotope Evidence on the Diet and Habitat Breadth of Pleistocene to Holocene Caprines in Thailand: Implications for the Extirpation and Conservation of Himalayan Gorals. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	14
4546	Seasonal source water and flow path insights from a year of sampling in the Chamkhar Chhu basin of Central Bhutan. <i>Arctic, Antarctic, and Alpine Research</i> , 2020, 52, 146-160.	0.4	2
4547	Coffee and shade trees show complementary use of soil water in a traditional agroforestry ecosystem. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1649-1668.	1.9	36
4548	Impact of Afforestation on Atmospheric Recharge to Groundwater in a Semiarid Area. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032185.	1.2	21
4549	Hillslope groundwater discharges provide localized stream ecosystem buffers from regional per- and polyfluoroalkyl substances contamination. <i>Hydrological Processes</i> , 2020, 34, 2281-2291.	1.1	19
4550	Recent advances in paleoclimatological studies of Arctic wedge- and pore-ice stable-water isotope records. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 429-441.	1.5	26

#	ARTICLE	IF	CITATIONS
4551	Hydrological functioning of thawing soil water in a permafrostâ€influenced alpine meadow hillslope. Vadose Zone Journal, 2020, 19, e20022.	1.3	16
4552	Hydrogeologic and climate drivers of water isotopes in fractured rock: A word of caution for the use of groundwater isoscapes in humid continental settings. Journal of Hydrology, 2020, 586, 124857.	2.3	6
4553	Alternative methods to determine the $\delta^2\text{H}$ - $\delta^{18}\text{O}$ relationship: An application to different water types. Journal of Hydrology, 2020, 587, 124951.	2.3	19
4554	Paleoclimate and ecology of Cretaceous continental ecosystems of Japan inferred from the stable oxygen and carbon isotope compositions of vertebrate bioapatite. Journal of Asian Earth Sciences, 2021, 205, 104602.	1.0	9
4555	Integrated studies to identify site-specific parameters for environmentally benign mining operations: A case study from the Sukari Gold Mine, Egypt. Science of the Total Environment, 2021, 750, 141654.	3.9	10
4556	The development of statistical downscaling methods for assessing the effects of climate change on the precipitation isotopes concentration. Journal of Water and Climate Change, 2021, 12, 709-729.	1.2	5
4557	Origin verification of French red wines using isotope and elemental analyses coupled with chemometrics. Food Chemistry, 2021, 339, 127760.	4.2	30
4558	A model for stable isotopes of residual liquid water and ground ice in permafrost soils using arbitrary water chemistries and soilâ€specific empirical residual water functions. Permafrost and Periglacial Processes, 2021, 32, 248-260.	1.5	5
4559	Influences of dietary niche expansion and Pliocene environmental changes on the origins of stone tool making. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 562, 110074.	1.0	6
4560	Tracking origin, home range, and mobility of Late Pleistocene fossil horses from west-central Mexico. Journal of South American Earth Sciences, 2021, 105, 102926.	0.6	5
4561	The disparity in the abundance of C4 plants estimated using the carbon isotopic composition of paleosol components. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 561, 110068.	1.0	21
4562	Tooth tales told by dental diet proxies: An alpine community of sympatric ruminants as a model to decipher the ecology of fossil fauna. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 562, 110077.	1.0	13
4563	Isotopic dynamics of precipitation and its regional and local drivers in a plateau inland lake basin, Southwest China. Science of the Total Environment, 2021, 763, 143043.	3.9	17
4564	Temporal and spatial variations in stable isotopic compositions of precipitation during the typhoon Lekima (2019), China. Science of the Total Environment, 2021, 762, 143143.	3.9	13
4565	Environmental isotope characteristics of water sources in the Sokoto Basin â€“ an evaluation of the role of meteoric recharge and residence time. Isotopes in Environmental and Health Studies, 2021, 57, 82-93.	0.5	0
4566	Controls on spatiotemporal variations of stable isotopes in precipitation across Bangladesh. Atmospheric Research, 2021, 247, 105224.	1.8	9
4567	Isotopic variability ( $\delta^{18}\text{O}$ , $\delta^2\text{H}$ and d-excess) during rainfall events of the north American monsoon across the Sonora River Basin, Mexico. Journal of South American Earth Sciences, 2021, 105, 102928.	0.6	7
4568	Indian summer monsoon variability in northeastern India during the last two millennia. Quaternary International, 2021, 571, 73-80.	0.7	17



#	ARTICLE	IF	CITATIONS
4569	Temperature signals of ice core and speleothem isotopic records from Asian monsoon region as indicated by precipitation $\delta^{18}\text{O}$ . <i>Earth and Planetary Science Letters</i> , 2021, 554, 116665.	1.8	31
4570	Stable isotope fractionation of cadmium in the soil-rice-human continuum. <i>Science of the Total Environment</i> , 2021, 761, 143262.	3.9	28
4571	Tree-ring $\delta^{18}\text{O}$ climate signals vary among tree functional types in South Asian tropical moist forests. <i>Science of the Total Environment</i> , 2021, 756, 143939.	3.9	8
4572	A conceptual framework of groundwater flowpath and recharge in Ziban aquifer: south of Algeria. <i>Sustainable Water Resources Management</i> , 2021, 7, 1.	1.0	8
4573	Water uptake plasticity of savanna trees in encroached grassland: small trees match the mature trees. <i>African Journal of Range and Forage Science</i> , 2021, 38, 231-243.	0.6	2
4574	Base flow in the Yarlungzangbo River, Tibet, maintained by the isotopically-depleted precipitation and groundwater discharge. <i>Science of the Total Environment</i> , 2021, 759, 143510.	3.9	25
4575	Effect of the El Niño–Southern Oscillation on hydrogen and oxygen isotope ratios of precipitation in Guilin, SW China. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 67-81.	0.5	6
4576	<a href="#">The impact of Snowball Earth glaciation on ocean water</a> $\delta^{18}\text{O}$ values. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116661.	1.8	5
4577	Water isotopic constraints on the enhancement of the mid-Holocene West African monsoon. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116677.	1.8	10
4578	Spatial and temporal distributions of stable isotopes in precipitation over Thailand. <i>Hydrological Processes</i> , 2021, 35, .	1.1	20
4579	Spatial distribution and interannual trends of $\delta^{18}\text{O}$ , $\delta^2\text{H}$ , and deuterium excess in precipitation across North-Eastern Italy. <i>Journal of Hydrology</i> , 2021, 598, 125749.	2.3	7
4580	Penetration of monsoonal water vapour into arid central Asia during the Holocene: An isotopic perspective. <i>Quaternary Science Reviews</i> , 2021, 251, 106713.	1.4	28
4581	Traditional land use effects on nutrient export from watersheds to coastal seas. <i>Nutrient Cycling in Agroecosystems</i> , 2021, 119, 7-21.	1.1	4
4582	Geostatistical evaluation of the design of the precipitation stable isotope monitoring network for Slovenia and Hungary. <i>Environment International</i> , 2021, 146, 106263.	4.8	12
4583	Karst hydrogeological controls and anthropic effects in an urban lake. <i>Journal of Hydrology</i> , 2021, 593, 125830.	2.3	5
4584	Oxygen Isotopic Signatures of Major Climate Modes and Implications for Detectability in Speleothems. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	8
4585	Wastewater Technologies and Environmental Treatment. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2021, , .	0.2	0
4586	Temperature-sensitive biochemical $\delta^{18}\text{O}$ -fractionation and humidity-dependent attenuation factor are needed to predict $\delta^{18}\text{O}$ of cellulose from leaf water in a grassland ecosystem. <i>New Phytologist</i> , 2021, 229, 3156-3171.	3.5	17

#	ARTICLE	IF	CITATIONS
4587	River damming and drought affect water cycle dynamics in an ephemeral river based on stable isotopes: The Dagu River of North China. <i>Science of the Total Environment</i> , 2021, 758, 143682.	3.9	17
4588	Impact of human activities on urban river system and its implication for water-environment risks: an isotope-based investigation in Chengdu, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 1416-1439.	1.7	16
4589	Stable isotope dynamics of groundwater interactions with Ganges river. <i>Hydrological Processes</i> , 2021, 35, .	1.1	12
4590	More than climate: Hydrogen isotope ratios in tree rings as novel plant physiological indicator for stress conditions. <i>Dendrochronologia</i> , 2021, 65, 125788.	1.0	28
4591	A calibration of cellulose isotopes in modern prostrate <i>Nothofagus</i> and its application to fossil material from Antarctica. <i>Science of the Total Environment</i> , 2021, 754, 142247.	3.9	2
4592	Source of saline groundwater on tidally influenced blue holes on San Salvador Island, Bahamas. <i>Hydrogeology Journal</i> , 2021, 29, 429-441.	0.9	6
4593	Migration, violence, and the "other": A biogeochemical approach to identity-based violence in the Epiclassic Basin of Mexico. <i>Journal of Anthropological Archaeology</i> , 2021, 61, 101263.	0.7	9
4594	Deep lake water balance by dual water isotopes in Yungui Plateau, southwest China. <i>Journal of Hydrology</i> , 2021, 593, 125886.	2.3	7
4595	Stable isotope signatures of river and lake water from Poyang Lake, China: Implications for river-lake interactions. <i>Journal of Hydrology</i> , 2021, 592, 125619.	2.3	33
4596	Temporal offset between precipitation and water uptake of Mediterranean pine trees varies with elevation and season. <i>Science of the Total Environment</i> , 2021, 755, 142539.	3.9	10
4597	Stable isotopic characteristics of precipitation related to the environmental controlling factors in Ningbo, East China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 10696-10706.	2.7	5
4598	Isotope chemometrics determines farming methods and geographical origin of vegetables from Yangtze River Delta Region, China. <i>Food Chemistry</i> , 2021, 342, 128379.	4.2	19
4599	Seasonal variations of groundwater recharge in a small subtropical agroforestry watershed with horizontal sedimentary bedrock. <i>Journal of Hydrology</i> , 2021, 596, 125703.	2.3	10
4600	Forensic isoscapes based on intra-individual temporal variation of $\delta^{18}\text{O}$ and $\delta^{206}\text{Pb}/\delta^{207}\text{Pb}$ in human teeth. <i>Forensic Sciences Research</i> , 2021, 6, 42-52.	0.9	4
4601	Role of Indian Summer Monsoon and Westerlies on glacier variability in the Himalaya and East Africa during Late Quaternary: Review and new data. <i>Earth-Science Reviews</i> , 2021, 212, 103431.	4.0	24
4602	Traditional Stable Isotope Geochemistry. , 2021, , 100-113.		0
4603	Stable isotopic composition of precipitation in a tropical rainforest region of the Niger Delta, Nigeria. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 94-110.	0.5	1
4604	Source and Quality of Groundwater Surrounding the Qinghai Lake, NE Qinghai-Tibet Plateau. <i>Ground Water</i> , 2021, 59, 245-255.	0.7	12

#	ARTICLE	IF	CITATIONS
4605	Correlation of the Stable Hydrogen and Oxygen Isotopes with the Atmospheric Humidity from Cluj-Napoca, Romania. <i>Analytical Letters</i> , 2021, 54, 17-27.	1.0	0
4606	Vegetation change in the Baringo Basin, East Africa across the onset of Northern Hemisphere glaciation 3.3±2.6 Ma. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 570, 109426.	1.0	21
4607	Stable isotopes reveal groundwater to river connectivity in a mesoscale subtropical watershed. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 236-253.	0.5	5
4608	Glacial to interglacial climate variability in the southeastern African subtropics (25°–20°S). <i>Climate of the Past</i> , 2021, 17, 345-360.	1.3	8
4609	Environmental Protection: Managing Fresh Water Resources. , 2021, , 465-484.		1
4610	The Temporal and Spatial Variations of Stable Isotopes in Precipitation on Different Scales in Yangtze River Basin. <i>E3S Web of Conferences</i> , 2021, 290, 02007.	0.2	0
4611	Numerical methods to identify model uncertainty. , 2021, , 309-329.		0
4612	Orbitally driven evolution of Asian monsoon and stable water isotope ratios during the Holocene: Isotope-enabled climate model simulations and proxy data comparisons. <i>Quaternary Science Reviews</i> , 2021, 252, 106743.	1.4	8
4613	Triple Oxygen Isotopes in Meteoric Waters, Carbonates, and Biological Apatites: Implications for Continental Paleoclimate Reconstruction. <i>Reviews in Mineralogy and Geochemistry</i> , 2021, 86, 429-462.	2.2	40
4614	Arctic Snow Isotope Hydrology: A Comparative Snow-Water Vapor Study. <i>Atmosphere</i> , 2021, 12, 150.	1.0	10
4615	Moving Forward: A Bioarchaeology of Mobility and Migration. <i>Journal of Archaeological Research</i> , 2021, 29, 581-635.	1.4	21
4616	Flowstones from the Raška Pećina Cave (SW Slovenia) Record 3.2-Ma-Long History. <i>Geochronometria</i> , 2021, 48, 31-45.	0.2	2
4617	Hydrochemistry characters and hydrochemical processes under the impact of anthropogenic activity in the Yiyuan city, Northern China. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	11
4618	Triple Oxygen Isotope Variations in Earth's Crust. <i>Reviews in Mineralogy and Geochemistry</i> , 2021, 86, 291-322.	2.2	17
4619	Triple Oxygen Isotope Systematics in the Hydrologic Cycle. <i>Reviews in Mineralogy and Geochemistry</i> , 2021, 86, 401-428.	2.2	30
4620	Triple Oxygen Isotopes in Evolving Continental Crust, Granites, and Clastic Sediments. <i>Reviews in Mineralogy and Geochemistry</i> , 2021, 86, 241-290.	2.2	31
4621	Modeling Insights into Precipitation Deuterium Excess as an Indicator of Raindrop Evaporation in Lanzhou, China. <i>Water (Switzerland)</i> , 2021, 13, 193.	1.2	4
4622	Why Measure 17O? Historical Perspective, Triple-Isotope Systematics and Selected Applications. <i>Reviews in Mineralogy and Geochemistry</i> , 2021, 86, 1-34.	2.2	25

#	ARTICLE	IF	CITATIONS
4623	The effect of hydrogeological and hydrochemical dynamics on landslide triggering in the central highlands of Ethiopia. <i>Hydrogeology Journal</i> , 2021, 29, 1239-1260.	0.9	7
4624	Central Pacific hydroclimate over the last 45,000 years: Molecular-isotopic evidence from leaf wax in a Hawai'i peatland. <i>Quaternary Science Reviews</i> , 2021, 253, 106744.	1.4	3
4625	Using soil water isotopes to infer the influence of contrasting urban green space on ecohydrological partitioning. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 927-943.	1.9	19
4626	Shallow urban aquifers under hyper-recharge equatorial conditions and strong anthropogenic constrains. Implications in terms of groundwater resources potential and integrated water resources management strategies. <i>Science of the Total Environment</i> , 2021, 757, 143887.	3.9	14
4627	Interdisciplinary Analysis of the Lehi Horse: Implications for Early Historic Horse Cultures of the North American West. <i>American Antiquity</i> , 0, , 1-21.	0.6	4
4628	Evaluating the impact of percolated reclaimed water from river-channel reservoir on groundwater using tracers in Beijing, Northern China. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	5
4629	Detection of local mixing in time-series data using permutation entropy. <i>Physical Review E</i> , 2021, 103, 022217.	0.8	2
4630	Geochemical study for utilization of groundwater heat by open heat pump system in northern Okayama and Akaiwa city areas with low precipitation in Japan. <i>Groundwater for Sustainable Development</i> , 2021, 12, 100494.	2.3	7
4631	Stable Strontium Isotopic Compositions of River Water, Groundwater and Sediments From the Gangesâ€“Brahmaputraâ€“Meghna River System in Bangladesh. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	7
4632	Groundwater salinity and isotope characterization: a case study from South-West Punjab, India. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	24
4633	Statistical Analysis of the Precipitation Isotope Data with Reference to the Indian Subcontinent. , 0, , .		0
4634	Comparison of hydrogeological characteristics and genesis of the Xiaguan Hot Spring and the Butterfly Spring in Yunnan of China. <i>Journal of Hydrology</i> , 2021, 593, 125922.	2.3	15
4635	First investigation of perennial ice in Winter Wonderland Cave, Uinta Mountains, Utah, USA. <i>Cryosphere</i> , 2021, 15, 863-881.	1.5	7
4636	Reconstructing the evolution of ice sheets, sea level, and atmospheric CO <sub>2</sub> during the past 3.6 million years. <i>Climate of the Past</i> , 2021, 17, 361-377.	1.3	23
4638	The Continental Intercalaire groundwaters of the Tidikelt (In-Salah region, Algeria). Hydrochemical and isotopic features. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 1-19.	0.5	0
4639	Different climate sensitivity for radial growth, but uniform for tree-ring stable isotopes along an aridity gradient in <i>Polylepis tarapacana</i> , the world's highest elevation tree species. <i>Tree Physiology</i> , 2021, 41, 1353-1371.	1.4	23
4640	On the reliability of the Vasilchuk's paleotemperature-isotopiv equations and the establishment of isotopic paleogeocryology. , 2021, , 1-26.	0.1	1
4641	Field methods to study the spatial root density distribution of individual plants. <i>Plant and Soil</i> , 2021, 462, 25-43.	1.8	21

#	ARTICLE	IF	CITATIONS
4642	The environments of <i>Australopithecus anamensis</i> at Allia Bay, Kenya: A multiproxy analysis of early Pliocene Bovidae. <i>Journal of Human Evolution</i> , 2021, 151, 102928.	1.3	5
4643	Influences of temperature and the meteoric water $\delta^{18}\text{O}$ value on a stalagmite record in the last deglacial to middle Holocene period from southwestern Japan. <i>Quaternary Science Reviews</i> , 2021, 253, 106746.	1.4	6
4644	Estimation of evaporation losses based on stable isotopes of stream water in a mountain watershed. <i>Acta Geochimica</i> , 2021, 40, 176-183.	0.7	4
4645	Compound-specific $\delta^2\text{H}$ and $\delta^{13}\text{C}$ values of n-alkanes as a tool to unravel complex petroleum mixtures in the South Viking Graben, Norway. <i>Organic Geochemistry</i> , 2021, 152, 104167.	0.9	3
4646	Influence of below-cloud secondary evaporation on stable isotope composition in precipitation and its relationship with meteorological factors in Shiyang River Basin, Northwest China. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	8
4647	Comparison of Three Measurement Principles on Water Triple Oxygen Isotopologues. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	0
4648	$\delta^2\text{H}$ -alkane and $\delta^{18}\text{O}$ -sugar biomarker proxies from leaves and topsoils of the Bale Mountains, Ethiopia, and implications for paleoclimate reconstructions. <i>Biogeochemistry</i> , 2021, 153, 135-153.	1.7	8
4649	Oceanographic transport along frontal zones forms carbon, nitrogen, and oxygen isoscapes on the east coast of New Zealand: Implications for ecological studies. <i>Continental Shelf Research</i> , 2021, 216, 104368.	0.9	8
4650	Warmer/wetter climate drives shift in $\delta^{18}\text{O}$ composition of precipitation across the Queen Elizabeth Islands, Arctic Canada. <i>Arctic Science</i> , 2021, 7, 136-157.	0.9	3
4651	Global-scale altitude effect on leaf wax n-alkane $\delta^2\text{H}$ values in terrestrial higher plants. <i>Science China Earth Sciences</i> , 2021, 64, 825-834.	2.3	5
4652	Isotope signature of maize stem and leaf and investigation of transpiration and water transport. <i>Agricultural Water Management</i> , 2021, 247, 106727.	2.4	7
4653	Continuous-Flow Analysis of $\delta^{17}\text{O}$ , $\delta^{18}\text{O}$ , and $\delta^2\text{H}$ of $\text{H}_2\text{O}$ on an Ice Core from the South Pole. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	18
4654	Triple oxygen isotopes in the water cycle. <i>Chemical Geology</i> , 2021, 565, 120026.	1.4	49
4655	Isotopic Composition of Precipitation in a Southeastern Region of Brazil during the Action of the South Atlantic Convergence Zone. <i>Atmosphere</i> , 2021, 12, 418.	1.0	4
4656	Spatial Variability of Glaciochemistry along a Transect from Zhongshan Station to LGB69, Antarctica. <i>Atmosphere</i> , 2021, 12, 393.	1.0	1
4657	Beyond one-way determinism: San Frediano's miracle and climate change in Central and Northern Italy in late antiquity. <i>Climatic Change</i> , 2021, 165, 25.	1.7	10
4658	Black Sea hydroclimate and coupled hydrology was strongly controlled by high-latitude glacial climate dynamics. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	5
4659	Unexpected climate variability inferred from a 380-year tree-ring earlywood oxygen isotope record in the Karakoram, Northern Pakistan. <i>Climate Dynamics</i> , 2021, 57, 701-715.	1.7	18

#	ARTICLE	IF	CITATIONS
4660	Holocene variability of East Asian summer monsoon as viewed from the speleothem $\delta^{18}O$ records in central China. <i>Earth and Planetary Science Letters</i> , 2021, 558, 116758.	1.8	37
4661	Isotopic Characterization of 100% Agave Tequila (Silver, Aged and Extra-Aged Class) for Its Use as an Additional Parameter in the Determination of the Authenticity of the Beverage Maturation Time. <i>Molecules</i> , 2021, 26, 1719.	1.7	14
4662	Intermittent hydrologic perturbations control solute cycling and export in the Okavango Delta. <i>Journal of Hydrology</i> , 2021, 594, 125968.	2.3	5
4663	Giant dust particles at Nevado Illimani: a proxy of summertime deep convection over the Bolivian Altiplano. <i>Cryosphere</i> , 2021, 15, 1383-1397.	1.5	5
4664	Spatial and temporal variations of fractionation of stable isotopes in East-Antarctic snow. <i>Journal of Glaciology</i> , 2021, 67, 523-532.	1.1	1
4665	Chemical and isotopic (H, O, S, and Sr) analyses of groundwaters in a non-volcanic region, Okayama prefecture, Japan: Implications for geothermal exploration. <i>Geothermics</i> , 2021, 91, 102005.	1.5	10
4666	How Rossby wave breaking modulates the water cycle in the North Atlantic trade wind region. <i>Weather and Climate Dynamics</i> , 2021, 2, 281-309.	1.2	17
4667	Characteristics and Significance of Environmental Isotopes and Hydrochemistry in Surface Water and Groundwater in Jixi Wetland, East China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 687, 012173.	0.2	1
4668	Intra-Event Isotopic Changes in Water Vapor and Precipitation in South China. <i>Water (Switzerland)</i> , 2021, 13, 940.	1.2	5
4669	Using Environmental Tracers to Characterize Groundwater Flow Mechanisms in the Fractured Crystalline and Karst Aquifers in Upper Crocodile River Basin, Johannesburg, South Africa. <i>Hydrology</i> , 2021, 8, 50.	1.3	5
4670	Tracing groundwater circulation in a valuable mineral water basin with geochemical and isotopic tools: the case of FERRARELLE, Riardo basin, Southern Italy. <i>Environmental Geochemistry and Health</i> , 2022, 44, 1-28.	1.8	8
4671	Increase in summer monsoon rainfall over the northeast India during El Niño years since 1600. <i>Climate Dynamics</i> , 2021, 57, 851-863.	1.7	16
4672	Temperature and precipitation regime in LGM human refugia of southwestern Europe inferred from $\delta^{13}C$ and $\delta^{18}O$ of large mammal remains. <i>Quaternary Science Reviews</i> , 2021, 255, 106796.	1.4	10
4673	The role of air-sea fluxes for the water vapour isotope signals in the cold and warm sectors of extratropical cyclones over the Southern Ocean. <i>Weather and Climate Dynamics</i> , 2021, 2, 331-357.	1.2	17
4674	Stable isotopes and chloride ion of precipitation events in the northeastern Tibetan Plateau, China. <i>Journal of Mountain Science</i> , 2021, 18, 834-846.	0.8	2
4675	Characteristics of Stable Isotopes in Precipitation and Their Moisture Sources in the Guanling Region, Guizhou Province. <i>Journal of Chemistry</i> , 2021, 2021, 1-12.	0.9	2
4676	Stable isotope analysis of soil and plant water in a pair of natural grassland and understory of planted forestland on the Chinese Loess Plateau. <i>Agricultural Water Management</i> , 2021, 249, 106800.	2.4	13
4677	Arctic sea-ice loss fuels extreme European snowfall. <i>Nature Geoscience</i> , 2021, 14, 283-288.	5.4	39

#	ARTICLE	IF	CITATIONS
4678	Investigating early husbandry strategies in the southern Caucasus: intra-tooth sequential carbon and oxygen isotope analysis of Neolithic goats, sheep, and cattle from GÄ¶ytepe and HacÄ± ElamxanlÄ± Tepe. <i>Journal of Archaeological Science: Reports</i> , 2021, 36, 102869.	0.2	1
4679	On the geophysical processes impacting palaeo-sea-level observations. <i>Geoscience Letters</i> , 2021, 8, .	1.3	34
4680	Triple Oxygen Isotope Palealtimetry of Crystalline Rocks. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	5
4681	Feeding habits and mobility of <i>Equus conversidens</i> and <i>E. mexicanus</i> from La Presita Blanca, State of San Luis PotosÄ±, MÄ©xico. <i>Historical Biology</i> , 0, , 1-10.	0.7	0
4682	The anatomy of past abrupt warmings recorded in Greenland ice. <i>Nature Communications</i> , 2021, 12, 2106.	5.8	27
4683	Sub-Cloud Secondary Evaporation in Precipitation Stable Isotopes Based on the Stewart Model in Yangtze River Basin. <i>Atmosphere</i> , 2021, 12, 575.	1.0	2
4684	Characterization of the isotopic composition and bulk ion deposition of precipitation from Central to West HawaiÉ»i Island between 2017 and 2019. <i>Journal of Hydrology: Regional Studies</i> , 2021, 34, 100786.	1.0	2
4685	Tamagawa hyper-acidic hot spring and phreatic eruptions at Mt. Akita-Yakeyama: Part 1. The isotopic and chemical characteristics of the hot spring water. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 412, 107179.	0.8	3
4686	Tracing the isotopic signatures of cryospheric water and establishing the altitude effect in Central Himalayas: A tool for cryospheric water partitioning. <i>Journal of Hydrology</i> , 2021, 595, 125983.	2.3	14
4687	Stable isotope compositions of precipitation over Central Asia. <i>PeerJ</i> , 2021, 9, e11312.	0.9	7
4688	Northeast Siberian Permafrost Iceâ€Wedge Stable Isotopes Depict Pronounced Last Glacial Maximum Winter Cooling. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092087.	1.5	17
4689	Sweet taste of heavy water. <i>Communications Biology</i> , 2021, 4, 440.	2.0	19
4690	Hydrogen isotopic fractionations during syntheses of lipid biomarkers in the seeds of broomcorn millet ( <i>Panicum miliaceum</i> L.) under controlled environmental conditions. <i>Organic Geochemistry</i> , 2021, 154, 104221.	0.9	0
4691	Quantification of surface water and groundwater salinity sources in irrigated lowland area of North China Plain. <i>Hydrological Processes</i> , 2021, 35, e14037.	1.1	3
4692	Early Permian during the Variscan orogen collapse in the equatorial realm: insights from the Cantabrian Mountains (N Iberia) into climatic and environmental changes. <i>International Journal of Earth Sciences</i> , 2021, 110, 1355-1387.	0.9	7
4693	Climatic change and diet of the pre-Hispanic population of Gran Canaria (Canary Archipelago, Spain) during the Medieval Warm Period and Little Ice Age. <i>Journal of Archaeological Science</i> , 2021, 128, 105336.	1.2	8
4694	Water-rock interactions and origin of formation water in the Bohai Bay Basin: A case study of the Cenozoic Formation in Bonan Sag. <i>Interpretation</i> , 2021, 9, T475-T493.	0.5	3
4695	Evaluating the Water Level Variation of a High-Altitude Lake in Response to Environmental Changes on the Southern Tibetan Plateau. <i>Journal of Hydrologic Engineering - ASCE</i> , 2021, 26, .	0.8	7

#	ARTICLE	IF	CITATIONS
4696	Isotopic tracers of sources of water for springs from the Edwards Aquifer, Central Texas, USA. <i>Hydrology Research</i> , 2021, 52, 787-803.	1.1	1
4697	The stable isotope composition of hoarfrost. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 386-399.	0.5	1
4698	Paleoenvironment of the late Miocene Shuitangba hominoids from Yunnan, Southwest China: Insights from stable isotopes. <i>Chemical Geology</i> , 2021, 569, 120123.	1.4	7
4699	Spatial distribution of stable isotopes ( <sup>18</sup> O and <sup>2</sup> H) in precipitation and groundwater in Iran. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 400-419.	0.5	4
4700	Spatial-diurnal variability of snow/glacier melt runoff in glacier regime river valley: Central Himalaya, India. <i>Quaternary International</i> , 2021, 585, 183-194.	0.7	8
4701	Daily Fluctuations in the Isotope and Elemental Composition of Tap Water in Ljubljana, Slovenia. <i>Water (Switzerland)</i> , 2021, 13, 1451.	1.2	3
4702	A 120,000-year long climate record from a NW-Greenland deep ice core at ultra-high resolution. <i>Scientific Data</i> , 2021, 8, 141.	2.4	28
4703	Comparative Analysis of Runoff and Evaporation Assessment Methods to Evaluate Wetland-Groundwater Interaction in Mediterranean Evaporitic-Karst Aquatic Ecosystem. <i>Water (Switzerland)</i> , 2021, 13, 1482.	1.2	8
4704	Linking precipitation and groundwater isotopes in Ethiopia - Implications from local meteoric water lines and isoscapes. <i>Journal of Hydrology</i> , 2021, 596, 126074.	2.3	22
4705	The Southernmost Pre-Columbian Dogs in the Americas: Phenotype, Chronology, Diet and Genetics. <i>Environmental Archaeology</i> , 0, , 1-32.	0.6	8
4706	Stable isotope signatures of hydration water in secondary mineralization on UO <sub>2</sub> . <i>Talanta</i> , 2021, 226, 122096.	2.9	8
4707	Stable isotope and anthropogenic tracer signature of waters in an Andean geothermal system. <i>Applied Geochemistry</i> , 2021, 128, 104953.	1.4	4
4708	Comparison of the oxygen isotope signatures in speleothem records and iHadCM3 model simulations for the last millennium. <i>Climate of the Past</i> , 2021, 17, 985-1004.	1.3	8
4709	Large-scale climate signals of a European oxygen isotope network from tree rings. <i>Climate of the Past</i> , 2021, 17, 1005-1023.	1.3	9
4710	The speleothem oxygen record as a proxy for thermal or moisture changes: a case study of multiproxy records from MIS5a-MIS6 speleothems from the Demânovâi Cave system. <i>Climate of the Past</i> , 2021, 17, 1051-1064.	1.3	3
4711	Early Jurassic palaeoclimate in Southwest China and its implications for dinosaur fossil distribution. <i>Geological Journal</i> , 2021, 56, 6245-6258.	0.6	2
4712	Last millennium hydroclimate in the central equatorial North Pacific (5°N, 160°W). <i>Quaternary Science Reviews</i> , 2021, 259, 106906.	1.4	6
4713	Isotope Analysis ( <sup>13</sup> C, <sup>18</sup> O) of Wine From Central and Eastern Europe and Argentina, 2008 and 2009 Vintages: Differentiation of Origin, Environmental Indications, and Variations Within Countries. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	9



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4714	Variations of the East Asian monsoon over the past 800 kyr constrained by the boron isotope composition of paleo-rainwater inferred from loess-paleosol deposits in NE China. <i>Earth and Planetary Science Letters</i> , 2021, 561, 116826.	1.8	15
4715	Analysis for effects of monsoon activities on oxygen and hydrogen isotopes variation based on Hong Kong GNIP long-term data. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 1055-1068.	0.7	4
4716	Climate and environmental changes of the Lateglacial transition and Holocene in northeastern Siberia: Evidence from diatom oxygen isotopes and assemblage composition at Lake Emanda. <i>Quaternary Science Reviews</i> , 2021, 259, 106905.	1.4	9
4717	James Croll and geological archives: testing astronomical theories of ice ages. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 0, , 1-12.	0.3	2
4718	Triple sulfur-oxygen-strontium isotopes probabilistic geographic assignment of archaeological remains using a novel sulfur isoscape of western Europe. <i>PLoS ONE</i> , 2021, 16, e0250383.	1.1	45
4719	The role of dew and radiation fog inputs in the local water cycling of a temperate grassland during dry spells in central Europe. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 2617-2648.	1.9	11
4720	Hydroclimatic Controls on the Isotopic ( $\delta^{18}O$ , $\delta^2H$ , d-excess) Traits of Pan-Arctic Summer Rainfall Events. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	12
4721	Archaeological and environmental cave records in the Gobi-Altai Mountains, Mongolia. <i>Quaternary International</i> , 2021, 586, 66-89.	0.7	4
4722	A data-driven model approach to interpreting speleothem oxygen isotope records from monsoon regions. <i>Climate of the Past</i> , 2021, 17, 1119-1138.	1.3	14
4723	Hydrochemical and isotopic investigation to characterize the effect of snowmelt infiltration on groundwater in a snowy landslide area of Japan. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	2
4724	Deuterium Excess of Groundwater as a Proxy for Recharge in an Evaporative Environment of a Granitic Aquifer, South India. <i>Journal of the Geological Society of India</i> , 2021, 97, 649-655.	0.5	4
4725	Oxygen isotopes in tree rings of <i>Cedrela odorata</i> L. as an indicator of hydroclimate variations in a seasonally dry tropical forest in northeastern Brazil. <i>Trees - Structure and Function</i> , 2021, 35, 1889-1903.	0.9	7
4726	Spectroscopic investigation of hydrogen and triple-oxygen isotopes in atmospheric water vapor and precipitation during Indian monsoon season. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 368-385.	0.5	4
4727	Annual isotopic diet ( $\delta^{13}C$ , $\delta^{18}O$ ) of <i>Notiomastodon platensis</i> (Ameghino, 1888) from Brazilian Intertropical Region. <i>Quaternary International</i> , 2022, 610, 38-43.	0.7	9
4728	The value of water isotope data on improving process understanding in a glacierized catchment on the Tibetan Plateau. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 3653-3673.	1.9	18
4729	Discriminating protected geographical indication Chinese Jinxiang garlic from other origins using stable isotopes and chemometrics. <i>Journal of Food Composition and Analysis</i> , 2021, 99, 103856.	1.9	10
4730	Dietary reconstruction and evidence of prey shifting in Pleistocene and recent gray wolves ( <i>Canis</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.0	4
4731	$\delta^2H$ and $\delta^{18}O$ in Precipitation and Water Vapor Disentangle Seasonal Wind Directions on the Loess Plateau. <i>Sustainability</i> , 2021, 13, 6938.	1.6	5

#	ARTICLE	IF	CITATIONS
4732	Cellulose $\delta^{18}\text{O}$ of Tree Rings Reflects Vapour Pressure Variations in the Ordos Plateau. <i>Forests</i> , 2021, 12, 788.	0.9	0
4733	Abrupt Heinrich Stadial 1 cooling missing in Greenland oxygen isotopes. <i>Science Advances</i> , 2021, 7, .	4.7	24
4735	The Holocene lake-evaporation history of the afro-alpine Lake Garba Guracha in the Bale Mountains, Ethiopia, based on $\delta^{18}\text{O}$ records of sugar biomarker and diatoms. <i>Quaternary Research</i> , 2022, 105, 23-36.	1.0	5
4736	Mid-to Late Holocene climatic and anthropogenic influences in Mpondoland, South Africa. <i>Quaternary Science Reviews</i> , 2021, 261, 106938.	1.4	11
4737	Stable isotope data of daily precipitation during the period of 2013–2017 from K-puszta (regional) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	0.5	1
4738	Geochemical evaluation of geothermal resources in Toyama Prefecture, Japan, based on the chemical and isotopic characteristics of hot spring waters. <i>Geothermics</i> , 2021, 93, 102071.	1.5	16
4739	Stable isotopes of recharge to the alpine epikarst landscape of the wasatch mountains, Utah USA. <i>Journal of Hydrology: Regional Studies</i> , 2021, 35, 100823.	1.0	2
4740	Permafrost Biases Climate Signals in $\delta^{18}\text{O}$ tree-ring Series from a Sub-Alpine Tree Stand in Val Bever/Switzerland. <i>Atmosphere</i> , 2021, 12, 836.	1.0	0
4741	Human mobility at Tell Atchana (Alalakh), Hatay, Turkey during the 2nd millennium BC: Integration of isotopic and genomic evidence. <i>PLoS ONE</i> , 2021, 16, e0241883.	1.1	7
4742	Rise of the Colorado Plateau: A Synthesis of Paleoelevation Constraints From the Region and a Path Forward Using Temperature-Based Elevation Proxies. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	5
4743	Holocene paleoclimate inferred from stable isotope ( $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ ) values in Sphagnum cellulose, Mohos peat bog, Romania. <i>Journal of Paleolimnology</i> , 2021, 66, 229-248.	0.8	2
4744	Precipitation isotope time series predictions from machine learning applied in Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	31
4745	Sea level and deep-sea temperature reconstructions suggest quasi-stable states and critical transitions over the past 40 million years. <i>Science Advances</i> , 2021, 7, .	4.7	29
4746	Stable oxygen and radiogenic strontium variability in the Osmore Drainage, Peru: Implications for intra-regional Andean paleomobility studies. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 102933.	0.2	2
4747	High-resolution $\delta^{14}\text{C}$ bomb peak dating and climate response analyses of subseasonal stable isotope signals in wood of the African baobab – a case study from Oman. <i>Biogeosciences</i> , 2021, 18, 3539-3564.	1.3	7
4748	Spatial Mapping of Atmospheric Precipitation Isotopes in Syria. <i>Asian Journal of Atmospheric Environment</i> , 2021, 15, 30-44.	0.4	1
4749	Geochemical study and fluid flow simulation of a groundwater system in Toyama and Joganji alluvial fans, central Japan, and assessment of suitability for heat utilization. <i>Geothermics</i> , 2021, 93, 102073.	1.5	2
4750	Residential mobility in the Inka sacred valley: Oxygen, strontium, and lead isotopic analysis at Patallaqta, Peru. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 102930.	0.2	1

#	ARTICLE	IF	CITATIONS
4751	A European snowstorm is linked to climate change. <i>Physics Today</i> , 2021, 74, 19-20.	0.3	1
4752	Fractionation of Oxygen Isotopes in Uranium Oxides during Peroxide Precipitation and Dry Air Calcination. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 1622-1630.	1.2	9
4753	A Lacustrine Biomarker Record From Rebun Island Reveals a Warm Summer Climate in Northern Japan During the Early Middle Holocene Due to a Stronger North Pacific High. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	3
4754	Time-varying responses of dryland aridity to external forcings over the last 21 ka. <i>Quaternary Science Reviews</i> , 2021, 262, 106989.	1.4	4
4755	Experimental investigation of the stable water isotope distribution in an Alpine lake environment (L-WAIVE). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10911-10937.	1.9	7
4756	Review on Applications of $^{17}\text{O}$ in Hydrological Cycle. <i>Molecules</i> , 2021, 26, 4468.	1.7	3
4757	Hydrogeochemical Evolution Mechanism of Carbonate Geothermal Water in Southwest China. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	5
4758	Effect of water on $\delta^{18}\text{O}$ in zircon. <i>Chemical Geology</i> , 2021, 574, 120243.	1.4	15
4759	National Stable Isotope Baseline for Precipitation in Malawi to Underpin Integrated Water Resources Management. <i>Water (Switzerland)</i> , 2021, 13, 1927.	1.2	3
4760	Climate Impacts on Source Contributions and Evaporation to Flow in the Snake River Basin Using Surface Water Isoscapes ( $\delta^2\text{H}$ and $\delta^{18}\text{O}$ ). <i>Water Resources Research</i> , 2021, 57, e2020WR029157.	1.7	0
4761	Provenancing wood used in the Norse Greenlandic settlements: A biogeochemical study using hydrogen, oxygen, and strontium isotopes. <i>Journal of Archaeological Science</i> , 2021, 131, 105407.	1.2	7
4762	The evolution of hydrochemical and isotopic signatures from precipitation, surface water to groundwater in a typical karst watershed, Central Texas, USA. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 492-515.	0.5	0
4763	Using vadose-zone water stable isotope profiles for assessing groundwater recharge under different climatic conditions. <i>Hydrological Sciences Journal</i> , 2021, 66, 1597-1609.	1.2	10
4764	Isotope and chemical composition of monthly precipitation collected at Sapporo, northern part of Japan during 2015-2019. <i>Fusion Engineering and Design</i> , 2021, 168, 112434.	1.0	8
4765	Groundwater salinization and freshening processes in coastal aquifers from southwest Bangladesh. <i>Science of the Total Environment</i> , 2021, 779, 146339.	3.9	25
4766	Evaluation of hydrochemical facies along the flow path and geomorphic surfaces in a Quaternary Alluvial plain of Barak Valley of Northeast India. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	1
4767	Canal surface evaporation along the China's South-to-North Water Diversion quantified by water isotopes. <i>Science of the Total Environment</i> , 2021, 779, 146388.	3.9	5
4768	The reuse of avian samples: opportunities, pitfalls, and a solution. <i>Ibis</i> , 2022, 164, 343-349.	1.0	7

#	ARTICLE	IF	CITATIONS
4769	Hydrochemical study of bottled water in Rwanda and relationship with their origin. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 1155-1167.	1.0	4
4770	How precipitation intermittency sets an optimal sampling distance for temperature reconstructions from Antarctic ice cores. <i>Climate of the Past</i> , 2021, 17, 1587-1605.	1.3	6
4771	Measurement report: Spatial variability of northern Iberian rainfall stable isotope values "investigating atmospheric controls on daily and monthly timescales. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10159-10177.	1.9	10
4772	Karst Recharge Areas Identified by Combined Application of Isotopes and Hydrogeological Budget. <i>Water (Switzerland)</i> , 2021, 13, 1965.	1.2	12
4773	Stable Water Isotope Assessment of Tundra Wetland Hydrology as a Potential Source of Arctic Riverine Dissolved Organic Carbon in the Indigirka River Lowland, Northeastern Siberia. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	1
4774	Hydrogeological and geochemical characterization of groundwater in the F'Kirina plain (eastern Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	7
4775	The resilience of Amazon tree cover to past and present drying. <i>Global and Planetary Change</i> , 2021, 202, 103520.	1.6	15
4776	Paleohydrological dynamics in the Western Mediterranean during the last glacial cycle. <i>Global and Planetary Change</i> , 2021, 202, 103527.	1.6	19
4777	Data-Model Comparisons of Tropical Hydroclimate Changes Over the Common Era. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003934.	1.3	13
4778	Isotopic equilibrium between raindrops and water vapor during the onset and the termination of the 2005-2006 wet season in the Bolivian Andes. <i>Journal of Hydrology</i> , 2021, 598, 126472.	2.3	8
4779	South African speleothems reveal influence of high- and low-latitude forcing over the past 113.5 k.y.. <i>Geology</i> , 2021, 49, 1353-1357.	2.0	10
4780	Multi-Season Reproduction and Pastoralist Production Strategies: New Approaches to Birth Seasonality from the South Caucasus Region. <i>Journal of Field Archaeology</i> , 2021, 46, 448-460.	0.7	3
4781	Isotopic composition of precipitation and groundwater onshore of the Rio del Rey Basin, southwest Cameroon: local meteoric lines and recharge. <i>Applied Water Science</i> , 2021, 11, 1.	2.8	3
4782	Synchronous evaporation and aquatic primary production in tropical river networks. <i>Water Research</i> , 2021, 200, 117272.	5.3	25
4783	Hyporheic zone geochemistry of a multi-aquifer system used for managed aquifer recharge in Beijing, China. <i>Applied Geochemistry</i> , 2021, 131, 105032.	1.4	7
4784	Atmospheric controls on precipitation isotopes and hydroclimate in high-elevation regions in Eastern Africa since the Last Glacial Maximum. <i>Earth and Planetary Science Letters</i> , 2021, 567, 116984.	1.8	9
4785	Upstream flow effects revealed in the EastGRIP ice core using Monte Carlo inversion of a two-dimensional ice-flow model. <i>Cryosphere</i> , 2021, 15, 3655-3679.	1.5	12
4786	Hydrogeochemical evolution and groundwater recharge processes in arsenic enriched area in central Gangetic plain, India. <i>Applied Geochemistry</i> , 2021, 131, 105044.	1.4	18

#	ARTICLE	IF	CITATIONS
4787	Triple oxygen and clumped isotopes in modern soil carbonate along an aridity gradient in the Serengeti, Tanzania. <i>Earth and Planetary Science Letters</i> , 2021, 567, 116952.	1.8	10
4788	Sequential analyses of bovid tooth enamel and dentine collagen ( $\delta^{18}O$ , $\delta^{13}C$ , $\delta^{15}N$ ): new insights into animal husbandry between the Late Neolithic and the Early Bronze Age at Tana del Barletta (Ligurian) Tj ETQq1 1 0.084314 r8BT /Ove	0.7	1
4789	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
4790	The Significance of Hydrogen and Oxygen Stable Isotopes in the Water Vapor Source in Dingxi Area. <i>Water (Switzerland)</i> , 2021, 13, 2374.	1.2	11
4791	Formation of dense shelf water associated with sea ice freezing in the Gulf of Anadyr estimated with oxygen isotopic ratios. <i>Progress in Oceanography</i> , 2021, 196, 102595.	1.5	4
4792	Stable Isotopes Reveal Water Vapor Sources of Precipitation over the Jiaolai Plain, Shandong Peninsula, China. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 227-241.	1.3	2
4793	Imprint of the Pacific Walker Circulation in Global Precipitation $\delta^{18}O$ . <i>Journal of Climate</i> , 2021, 34, 8579-8597.	1.2	11
4794	The main formation processes for different types of salt lakes: Evidence from isotopic composition with case studies of lakes in Transbaikalia, Russia. <i>Science of the Total Environment</i> , 2021, 782, 146782.	3.9	7
4795	High-resolution stable isotope signature of a land-falling atmospheric river in southern Norway. <i>Weather and Climate Dynamics</i> , 2021, 2, 713-737.	1.2	8
4796	Estimation of water origins within an explosive cyclone over the Sea of Japan using an isotopic regional spectral model. <i>Journal of Hydrometeorology</i> , 2021, , .	0.7	4
4797	Orbital forcing in southern Africa: Towards a conceptual model for predicting deep time environmental change from an incomplete proxy record. <i>Quaternary Science Reviews</i> , 2021, 265, 107050.	1.4	10
4798	Paleodietary and Paleoclimatic Reconstruction of Hipparion Fauna at $\sim 149$ Ma From the Xunhua Basin on the Northeastern Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
4799	Stable isotopes of deep soil water retain long-term evaporation loss on China's Loess Plateau. <i>Science of the Total Environment</i> , 2021, 784, 147153.	3.9	19
4800	Evaluating organic geochemical proxies for application to coastal lake sediments along the Gulf Coast of Florida for paleotemperature. <i>Quaternary Science Reviews</i> , 2021, 266, 107077.	1.4	4
4801	Tritium and stable isotope content variation in precipitation at Hongseung: West Korea Region. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 413-417.	0.7	2
4802	Assessing salinization of coastal groundwater by tidal action: The tropical Wouri Estuary, Douala, Cameroon. <i>Journal of Hydrology: Regional Studies</i> , 2021, 36, 100842.	1.0	1
4803	Disentangling water sources in a gypsum plant community. Gypsum crystallization water is a key source of water for shallow-rooted plants. <i>Annals of Botany</i> , 2022, 129, 87-100.	1.4	4
4804	The Stable Isotope Characteristics of Precipitation in the Middle East Highlighting the Link between the Köppen Climate Classifications and the $\delta^{18}O$ and $\delta^2H$ Values of Precipitation. <i>Water (Switzerland)</i> , 2021, 13, 2397.	1.2	8

#	ARTICLE	IF	CITATIONS
4805	Understanding the linkage between regional climatology and cave geochemical parameters to calibrate speleothem proxies in Madagascar. <i>Science of the Total Environment</i> , 2021, 784, 147181.	3.9	10
4806	What Speleothems Tell Us about Long-Term Rainfall Oscillation throughout the Holocene on a Planetary Scale. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 853.	1.2	4
4807	Groundwater recharge in semi-arid karst context using chloride and stable water isotopes. <i>Groundwater for Sustainable Development</i> , 2021, 14, 100634.	2.3	5
4808	Plant wax biomarkers in human evolutionary studies. <i>Evolutionary Anthropology</i> , 2021, 30, 385-398.	1.7	11
4809	Geochemistry and Weathering Indices of Yedoma and Alas Deposits beneath Thermokarst Lakes in Central Yakutia. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	7
4810	Temporal variations and evaporation control effect of the stable isotope composition of precipitation in the subtropical monsoon climate region, Southwest China. <i>Journal of Hydrology</i> , 2021, 599, 126278.	2.3	14
4811	Ecohydrological travel times derived from in situ stable water isotope measurements in trees during a semi-controlled pot experiment. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 4513-4530.	1.9	21
4812	Geochemical and multi-isotopes ( $\delta^{18}O$ , $\delta^2H$ , $\delta^{13}C$ , $\delta^3H$ and $\delta^{37}Cl$ ) evidences to karst development and flow directions in transboundary aquifer, Northeast of Iran. <i>Applied Geochemistry</i> , 2021, 132, 105071.	1.4	1
4813	The timing and structure of the 8.2 ka event revealed through high-resolution speleothem records from northwestern Madagascar. <i>Quaternary Science Reviews</i> , 2021, 268, 107104.	1.4	15
4814	Tracing $\delta^{18}O$ and $\delta^2H$ in Source Waters and Recharge Pathways of a Fractured-Basalt and Interbedded-Sediment Aquifer, Columbia River Flood Basalt Province. <i>Geosciences (Switzerland)</i> , 2021, 11, 400.	1.0	6
4815	Acid Mine Drainage Sources and Impact on Groundwater at the Osarizawa Mine, Japan. <i>Minerals (Basel)</i> , 2021, 11, 18503.	0.8	10
4816	Early Holocene permafrost retreat in West Siberia amplified by reorganization of westerly wind systems. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	7
4817	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
4818	Spatio-temporal variations in stable isotopes in peri-urban catchments: A preliminary assessment of potential and challenges in assessing streamflow sources. <i>Journal of Hydrology</i> , 2021, 600, 126685.	2.3	10
4819	Measurements and applications of $\delta^2H$ values of wood lignin methoxy groups for paleoclimatic studies. <i>Quaternary Science Reviews</i> , 2021, 268, 107107.	1.4	10
4820	Subarctic climate for the earliest <i>Homo sapiens</i> in Europe. <i>Science Advances</i> , 2021, 7, eabi4642.	4.7	25
4821	Evaporation Processes in the Upper River Water of the Three Gorges Reservoir: Evidence from Triple Oxygen Isotopes. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2807-2816.	1.2	6
4822	A hydrochemical and remote sensing approach to decrypt the groundwater salinization in the coastal district of Sabarmati basin, Gujarat. <i>Groundwater for Sustainable Development</i> , 2021, 15, 100673.	2.3	3

#	ARTICLE	IF	CITATIONS
4823	Improving weather forecasting by assimilation of water vapor isotopes. <i>Scientific Reports</i> , 2021, 11, 18067.	1.6	3
4824	Long-term study on the seasonal water uptake of <i>Platyclusus orientalis</i> in the Beijing mountain area, northern China. <i>Agricultural and Forest Meteorology</i> , 2021, 307, 108531.	1.9	9
4825	Geographic variation in dispersal of western burrowing owl ( <i>Athene cunicularia hypugaea</i> ) populations across North America. <i>Behavioral Ecology</i> , 0, , .	1.0	4
4826	Spatiotemporal variability in stable isotopes of the Ganga River and factors affecting their distributions. <i>Catena</i> , 2021, 204, 105360.	2.2	6
4827	Andean mountain building since the Late Cretaceous: A paleoelevation reconstruction. <i>Earth-Science Reviews</i> , 2021, 220, 103640.	4.0	65
4828	Understanding Interannual Variations of the Local Rainy Season over the Southwest Indian Ocean. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1852-1862.	1.9	2
4829	Spatial variations and controls on the hydrochemistry of surface waters across the Ili-Balkhash Basin, arid Central Asia. <i>Journal of Hydrology</i> , 2021, 600, 126565.	2.3	27
4831	Isotopic evidence for mammalian diets and environment in Early Pliocene Yepãmera, Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 578, 110569.	1.0	0
4832	Estimating the sources of stream water in snow dominated catchments of western Himalayas. <i>Advances in Water Resources</i> , 2021, 155, 103995.	1.7	8
4833	Summer afternoon precipitation associated with wind convergence near the Himalayan glacier fronts. <i>Atmospheric Research</i> , 2021, 259, 105658.	1.8	10
4834	Event-Based Stable Isotope Analysis of Precipitation Along a High Resolution Transect on the South Face of Oâ€ahu, Hawaiâ€™i. <i>Pacific Science</i> , 2021, 75, .	0.2	2
4835	Contribution of local factors to the status of a groundwater dependent terrestrial ecosystem in the transboundary Gauja-Koiva River basin, North-Eastern Europe. <i>Journal of Hydrology</i> , 2021, 600, 126656.	2.3	7
4836	The effects of local and regional parameters on the $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values of precipitation and surface water resources in the Middle East. <i>Journal of Hydrology</i> , 2021, 600, 126485.	2.3	13
4837	Hydrological characteristics of the Bay of Bengal water column using $\delta^{18}\text{O}$ during the Indian summer monsoon. <i>Continental Shelf Research</i> , 2021, 226, 104491.	0.9	6
4838	Palaeo-hydrochemistry reconstructed from fossil mollusc shells from dammed palaeo-lake sediments in the Yarlung Tsangpo valley, Tibet. <i>Applied Geochemistry</i> , 2021, 132, 105069.	1.4	1
4839	Freshwater bivalve shells as hydrologic archives in the Congo Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 308, 101-117.	1.6	2
4840	Isotopic evolution of planetary crusts by hypervelocity impacts evidenced by Fe in microtektites. <i>Nature Communications</i> , 2021, 12, 5646.	5.8	4
4841	No evidence of isotopic fractionation in olive trees ( <i>Olea europaea</i> ): a stable isotope tracing experiment. <i>Hydrological Sciences Journal</i> , 2021, 66, 2415-2430.	1.2	11

#	ARTICLE	IF	CITATIONS
4842	Variations in water use strategies of sand-binding vegetation along a precipitation gradient in sandy regions, northern China. <i>Journal of Hydrology</i> , 2021, 600, 126539.	2.3	13
4843	The relationship of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ in surface soil water and its implications for soil evaporation along grass transects of Tibet, Loess, and Inner Mongolia Plateau. <i>Journal of Hydrology</i> , 2021, 600, 126533.	2.3	16
4844	The isotope record ( $\delta^{13}\text{C}$ , $\delta^{18}\text{O}$ ) of vertical mobility in incremental tissues (tooth enamel, hair) of modern livestock: A reference set from the Mongolian Altai. <i>Quaternary International</i> , 2021, 595, 128-144.	0.7	3
4845	Variations in the South Atlantic Convergence Zone over the mid-to-late Holocene inferred from speleothem $\delta^{18}\text{O}$ in central Brazil. <i>Quaternary Science Reviews</i> , 2021, 270, 107178.	1.4	7
4846	Characterizing shallow groundwater in hillslope aquifers using isotopic signatures: A case study in the Upper Blue Nile basin, Ethiopia. <i>Journal of Hydrology: Regional Studies</i> , 2021, 37, 100901.	1.0	2
4847	Estimation of seasonal base flow contribution to a tropical river using stable isotope analysis. <i>Journal of Hydrology</i> , 2021, 601, 126661.	2.3	4
4848	Ice wedges as winter temperature proxy: Principles, limitations and noise in the $\delta^{18}\text{O}$ records (an) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	6
4849	Origin verification of imported infant formula and fresh milk into China using stable isotope and elemental chemometrics. <i>Food Control</i> , 2021, 128, 108165.	2.8	11
4850	Below-Cloud Evaporation of Precipitation Isotopes over Mountains, Oases, and Deserts in Arid Areas. <i>Journal of Hydrometeorology</i> , 2021, 22, 2533-2545.	0.7	12
4851	Isotopes ( $\delta^{18}\text{O}$ , $\delta^2\text{H}$ and $3\text{H}$ ) variations in groundwater with emphasis on salinization in the state of Punjab, India. <i>Science of the Total Environment</i> , 2021, 789, 148051.	3.9	49
4852	Isotopic content in high mountain karst aquifers as a proxy for climate change impact in Mediterranean zones: The Port del Comte karst aquifer (SE Pyrenees, Catalonia, Spain). <i>Science of the Total Environment</i> , 2021, 790, 148036.	3.9	6
4853	Determining the quasi monsoon front in the Indian Himalayas. <i>Quaternary International</i> , 2021, 599-600, 4-14.	0.7	14
4854	Cattle management in an Iron Age/Roman settlement in the Netherlands: Archaeozoological and stable isotope analysis. <i>PLoS ONE</i> , 2021, 16, e0258234.	1.1	11
4855	Stable isotopes verify geographical origin of Tibetan chicken. <i>Food Chemistry</i> , 2021, 358, 129893.	4.2	13
4856	Deglacial trends in Indo-Pacific warm pool hydroclimate in an isotope-enabled Earth system model and implications for isotope-based paleoclimate reconstructions. <i>Quaternary Science Reviews</i> , 2021, 270, 107188.	1.4	10
4857	Isotopic composition and major ion concentrations of national and international bottled waters in Costa Rica. <i>Data in Brief</i> , 2021, 38, 107277.	0.5	2
4858	Stable isotopic ( $\delta^2\text{H}$ , $\delta^{18}\text{O}$ ) monograms of winter precipitation events and hydro-climatic dynamics in Central Mexico. <i>Atmospheric Research</i> , 2021, 261, 105744.	1.8	3
4859	Characterization of groundwater dynamics and contamination in an unconfined aquifer using isotope techniques to evaluate domestic supply in an urban area. <i>Journal of South American Earth Sciences</i> , 2021, 110, 103360.	0.6	9



#	ARTICLE	IF	CITATIONS
4860	Constraints on the evolution of sulfuric acid speleogenesis within carbonate rocks partially covered by evaporites (Sierra de Mollina, southern Spain). <i>Geomorphology</i> , 2021, 390, 107866.	1.1	3
4861	The competing effects of terrestrial evapotranspiration and raindrop re-evaporation on the deuterium excess of continental precipitation. <i>Earth and Planetary Science Letters</i> , 2021, 572, 117120.	1.8	17
4862	Moisture source identification based on the seasonal isotope variation of precipitation in the Poyang Lake Wetland, China. <i>Journal of Hydrology: Regional Studies</i> , 2021, 37, 100892.	1.0	11
4863	Lacustrine leaf wax hydrogen isotopes indicate strong regional climate feedbacks in Beringia since the last ice age. <i>Quaternary Science Reviews</i> , 2021, 269, 107130.	1.4	8
4864	Big data and environmental sustainability based integrated framework for isotope hydrology applications in India. <i>Environmental Technology and Innovation</i> , 2021, 24, 101889.	3.0	4
4865	Characterization of Sb scaling and fluids in saline geothermal power plants: A case study for Germencik Region (B������ Menderes Graben, Turkey). <i>Geothermics</i> , 2021, 96, 102227.	1.5	7
4866	ISODRIP, a model to transfer the $\delta^{18}O$ signal of precipitation to drip water – Implementation of the model for Eagle Cave (central Spain). <i>Science of the Total Environment</i> , 2021, 797, 149188.	3.9	2
4867	The life story of a gomphothere from east-central Mexico: A multidisciplinary approach. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103442.	0.6	2
4868	Rhyolitic and basaltic reference materials for TC/EA analysis: Investigation of water extraction and D/H ratios. <i>Chemical Geology</i> , 2021, 583, 120486.	1.4	5
4869	Sources and transformation mechanisms of inorganic nitrogen: Evidence from multi-isotopes in a rural-urban river area. <i>Science of the Total Environment</i> , 2021, 794, 148615.	3.9	23
4870	Atmospheric CO <sub>2</sub> estimates based on Gondwanan (Indian) pedogenic carbonates reveal positive linkage with Mesozoic temperature variations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 582, 110638.	1.0	4
4871	Risk factors for endemic chronic kidney disease of unknown etiology in Sri Lanka: Retrospect of water security in the dry zone. <i>Science of the Total Environment</i> , 2021, 795, 148839.	3.9	25
4872	Contrasting life-history traits of black spruce and jack pine influence their physiological response to drought and growth recovery in northeastern boreal Canada. <i>Science of the Total Environment</i> , 2021, 794, 148514.	3.9	11
4873	Isotopic signatures of moisture recycling and evaporation processes along the Western Ghats orography. <i>Atmospheric Research</i> , 2021, 264, 105863.	1.8	7
4874	Stable isotope record of super typhoon Lekima (2019). <i>Atmospheric Research</i> , 2021, 264, 105822.	1.8	8
4875	Effects of plastic mulch on soil water migration in arid oasis farmland: Evidence of stable isotopes. <i>Catena</i> , 2021, 207, 105580.	2.2	13
4876	Impact of global-scale hydroclimatic patterns on surface water-groundwater interactions in the climatically vulnerable Ganges river delta of the Sundarbans. <i>Science of the Total Environment</i> , 2021, 798, 149198.	3.9	7
4877	Redox-controlled antimony isotope fractionation in the epithermal system: New insights from a multiple metal stable isotopic combination study of the Zhaxikang Sb–Pb–Zn–Ag deposit in Southern Tibet. <i>Chemical Geology</i> , 2021, 584, 120541.	1.4	12

#	ARTICLE	IF	CITATIONS
4878	Groundwater mounding: A diagnostic feature for mapping aquifer connectivity in hyper-arid deserts. <i>Science of the Total Environment</i> , 2021, 801, 149760.	3.9	23
4879	Meteorological and geographical control on stable isotopic signature of precipitation in a western Mediterranean area (Tuscany, Italy): Disentangling a complex signal. <i>Journal of Hydrology</i> , 2021, 603, 126944.	2.3	15
4880	Microplastics in a tropical Andean Glacier: A transportation process across the Amazon basin?. <i>Science of the Total Environment</i> , 2022, 805, 150334.	3.9	22
4881	Characterization of precipitation and recharge in the peripheral aquifer of the Salar de Atacama. <i>Science of the Total Environment</i> , 2022, 806, 150271.	3.9	8
4882	A multi-isotopic evaluation of groundwater in a rapidly developing area and implications for water management in hyper-arid regions. <i>Science of the Total Environment</i> , 2022, 805, 150245.	3.9	12
4883	Geochemical evolution and seasonality of groundwater recharge at water-scarce southeast margin of the Chihuahuan Desert in Mexico. <i>Environmental Research</i> , 2022, 203, 111847.	3.7	11
4884	Improving the underground structural characterization and hydrological functioning of an Andean peatland using geoelectrics and water stable isotopes in semi-arid Chile. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	8
4885	Soil-Forming Factors. <i>World Soils Book Series</i> , 2021, , 13-51.	0.1	1
4886	Hydrochemical and Isotopic Applications in the Western Aosta Valley (Italy) for Sustainable Groundwater Management. <i>Sustainability</i> , 2021, 13, 487.	1.6	8
4887	Triple Water Vapour "Isotopologues Record from Chhota Shigri, Western Himalaya, India: A Unified Interpretation based on $\delta^{17}\text{O}$ , $\delta^{18}\text{O}$ , $\delta^2\text{H}$ and Comparison to Meteorological Parameters. <i>Frontiers in Earth Science</i> , 2021, 8, .	0.8	8
4888	Conversion relationship between groundwater and surface water in the Taizi River Basin in China based on geochemical and isotopic characteristics. <i>Environmental Science and Pollution Research</i> , 2021, 28, 20045-20057.	2.7	5
4889	An Assessment of Aquifer Potential in and around a Proposed Well Field Area near Madunaghat, Chattogram Using Isotopic Techniques. <i>Journal of Water Resource and Protection</i> , 2021, 13, 395-418.	0.3	0
4890	Oldest Dryas hydroclimate reorganization in the eastern Iberian Peninsula after the iceberg discharges of Heinrich Event 1. <i>Quaternary Research</i> , 2021, 101, 67-83.	1.0	8
4891	Estimation of Environmental Behavior in Recent Years Based on the Viewpoint of Tritium (T) Concentration and Oxygen, Hydrogen Stable Isotope Ratios ( $\delta^{18}\text{O}$ , $\delta^2\text{H}$ ) in Precipitation. <i>Radioisotopes</i> , 2021, 70, 41-54.	0.1	1
4892	The Formation and Balance of the Atmospheric Precipitations, Surface Water, and Groundwater on the Southern Slopes of the Khibiny Massif (Based on Data on the Isotopic Composition of Oxygen and Hydrogen) <i>Journal of Environmental and Earth System Science</i> , 2021, 235, 102117.	0.8	10
4893	Reconstructing Late Pleistocene paleoclimate at the scale of human behavior: an example from the Neandertal occupation of La Ferrassie (France). <i>Scientific Reports</i> , 2021, 11, 1419.	1.6	17
4894	Four Centuries of Climatic Variation Across the Tibetan Plateau from Ice-Core Accumulation and $\delta^{18}\text{O}$ Records. <i>Journal of Geophysical Research</i> , 2004, , 145-161.		9
4895	Paleoclimate Information From Speleothems: The Present As A Guide To The Past. <i>Journal of Quaternary Science</i> , 2007, , 199-226.		6

#	ARTICLE	IF	CITATIONS
4896	Paleoclimate Information from Speleothems: The Present as a Guide to the Past. , 2004, , 199-226.		4
4897	Evolution and Development of the Indian Monsoon. Springer Geology, 2020, , 499-535.	0.2	8
4898	Patterns of Violence and Diet Among Children During a Time of Imperial Decline and Climate Change in the Ancient Peruvian Andes. , 2016, , 193-228.		21
4899	Stable Isotope Ratio Analysis for Authenticity Control. Springer Handbooks, 2017, , 53-54.	0.3	1
4900	The Concept of Isotopic Landscapes: Modern Ecogeochemistry versus Bioarchaeology. , 2017, , 27-48.		7
4901	Stable Isotopes of N and Ar as Tracers to Retrieve Past Air Temperature from Air Trapped in Ice Cores. Advances in Isotope Geochemistry, 2012, , 865-886.	1.4	4
4902	Stable Isotopes in Plant Physiology and Ecology. , 1995, , 1-24.		11
4903	Water Uptake. , 2000, , 461-507.		5
4904	Global Hydrological Isotope Data and Data Networks. , 2010, , 33-50.		18
4905	The Roles of Stable Isotopes in Forest Hydrology and Biogeochemistry. Ecological Studies, 2011, , 137-161.	0.4	34
4906	Pollutant-Induced Decay of Building Materials. Environmental Chemistry for A Sustainable World, 2012, , 47-120.	0.3	10
4907	Root systems. , 1989, , 367-398.		42
4908	Determination of Anthropogenic Sources in the Groundwater Chemistry Along KT Boundary of South India. Springer Transactions in Civil and Environmental Engineering, 2020, , 127-142.	0.3	2
4909	Combined oxygen and sulphur isotope analysisâ€”a new tool to unravel vertebrate (paleo)-ecology. Die Naturwissenschaften, 2020, 107, 10.	0.6	7
4910	Integrated approach for identifying the factors controlling groundwater quality of a tropical coastal zone in Kerala, India. Environmental Earth Sciences, 2017, 76, 1.	1.3	5
4911	Tree-ring $\delta^{18}\text{O}$ -based Julyâ€”August relative humidity reconstruction on Mt. Shimen, China, for the last 400 years. Atmospheric Research, 2020, 243, 105024.	1.8	18
4912	The early Eocene rise of the Gonjo Basin, SE Tibet: From low desert to high forest. Earth and Planetary Science Letters, 2020, 543, 116312.	1.8	91
4913	A lake sediment stable isotope record of late-middle to late Holocene hydroclimate variability in the western Guatemala highlands. Earth and Planetary Science Letters, 2020, 542, 116327.	1.8	9

#	ARTICLE	IF	CITATIONS
4914	Geochemical and isotopic imprints of groundwater evolution in mountainous areas of Maniwa City, Okayama Prefecture, Japan. <i>Groundwater for Sustainable Development</i> , 2020, 11, 100412.	2.3	4
4915	Delineating sources of groundwater recharge in an arsenic-affected Holocene aquifer in Cambodia using stable isotope-based mixing models. <i>Journal of Hydrology</i> , 2018, 557, 321-334.	2.3	31
4916	Influence of glacial sediments on the chemical quality of surface water in the Ulta valley, Cordillera Blanca, Peru. <i>Journal of Hydrology</i> , 2020, 587, 125027.	2.3	5
4917	Abrupt climate change and its influences on hominin evolution during the early Pleistocene in the Turkana Basin, Kenya. <i>Quaternary Science Reviews</i> , 2020, 245, 106531.	1.4	22
4919	Stable isotopes from diatom silica. , 0, , 575-589.		2
4922	Thermal impact of Heinrich stadials in cave temperature and speleothem oxygen isotope records. <i>Quaternary Research</i> , 0, , 1-14.	1.0	6
4923	Cryostratigraphy of mid-Miocene permafrost at Friis Hills, McMurdo Dry Valleys of Antarctica. <i>Antarctic Science</i> , 2021, 33, 174-188.	0.5	5
4924	A model study on the relation between atmospheric boundary-layer dynamics and poleward atmospheric moisture transport in Antarctica. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2002, 54, 497-511.	0.8	13
4925	Modelling the continental effect of oxygen isotopes over Eurasia. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2002, 54, 895-911.	0.8	11
4926	Stable isotope variations of daily precipitation from 2014â€“2018 in the central United States. <i>Scientific Data</i> , 2019, 6, 190018.	2.4	15
4927	Un Â¢ge crÃ©tacÃ© infÃ©rieur probable pour les palÃ©oaltÃ©rations latÃ©ritiques du graben de Saint-Maixent-lÃ©cole (seuil du Poitou) dÃ©aprÃ©s lÃ©tude isotopique (Rb-Sr, <sup>18</sup> O- <sup>17</sup> O, U-Th) de pisolites ferrugineux. <i>Bulletin - Societie Geologique De France</i> , 2019, 190, 2.		4
4928	Seasonal and interannual variability of Siberian river discharge in the Laptev Sea inferred from stable isotopes in modern bivalves. <i>Boreas</i> , 2003, 32, 292-303.	1.2	37
4929	Spatial and temporal <sup>2</sup> H and <sup>18</sup> O isotope variation of contemporary precipitation in the Bale Mountains, Ethiopia. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 122-135.	0.5	17
4930	A 10-yr record of stable isotope ratios of hydrogen and oxygen in precipitation at Calgary, Alberta, Canada. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2004, 56, 147-159.	0.8	66
4931	Modelling of hydrogen and oxygen isotope compositions for local precipitation. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2005, 57, 273-282.	0.8	18
4932	Paleoclimate implications of earliest Pleistocene tree rings from the Dunarobba Fossil Forest, Umbria, Italy. , 2019, , 393-409.		1
4933	Validation of ECHAM AGCMs Using Laser Spectrometer Data from Two Arctic Stations. <i>Atmospheric and Oceanic Optics</i> , 2020, 33, 702-707.	0.6	1
4934	Understanding groundwater recharge processes in the Sutlej-Yamuna plain in NW India using an isotopic approach. <i>Geological Society Special Publication</i> , 0, , SP507-2020-174.	0.8	10

#	ARTICLE	IF	CITATIONS
4935	Formation conditions of vesicle/fissure-filled smectites in Penghu basalts: a stable-isotope assessment. <i>Clay Minerals</i> , 1999, 34, 381-393.	0.2	8
4936	Seasonal variability of stable isotopes in the Changjiang (Yangtze) river water and its implications for natural climate and anthropogenic impacts. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	8
4937	Characteristics of Stable Isotopes in Precipitation and Southwest (Indian) Monsoon Intensity at Kunming. <i>Climate Change Research Letters</i> , 2017, 06, 297-307.	0.0	1
4938	Opportunistic Feeding Strategy for the Earliest Old World Hypsodont Equids: Evidence from Stable Isotope and Dental Wear Proxies. <i>PLoS ONE</i> , 2013, 8, e74463.	1.1	41
4939	$\delta^{18}\text{O}$ in the Tropical Conifer <i>Agathis robusta</i> Records ENSO-Related Precipitation Variations. <i>PLoS ONE</i> , 2014, 9, e102336.	1.1	17
4940	The earliest settlers of Mesoamerica date back to the late Pleistocene. <i>PLoS ONE</i> , 2017, 12, e0183345.	1.1	31
4941	Timber isoscapes. A case study in a mountain area in the Italian Alps. <i>PLoS ONE</i> , 2018, 13, e0192970.	1.1	15
4942	Fossil leaf wax hydrogen isotopes reveal variability of Atlantic and Mediterranean climate forcing on the southeast Iberian Peninsula between 6000 to 3000 cal. BP. <i>PLoS ONE</i> , 2020, 15, e0243662.	1.1	4
4943	Palaeotemperature estimation in the Holsteinian Interglacial (MIS 11) based on oxygen isotopes of aquatic gastropods from eastern Poland. <i>Acta Geologica Polonica</i> , 2017, 67, 585-605.	0.9	2
4944	Hydrochemical differences between river water and groundwater in Suzhou, Northern Anhui Province, China. <i>Open Geosciences</i> , 2020, 12, 1421-1429.	0.6	11
4945	A continuous stable isotope record of last interglacial age from the Bulgarian Cave Orlova Chuka. <i>Geochronometria</i> , 2019, 46, 87-101.	0.2	3
4946	Use of stable water isotopes to identify stages of the pingo ice core formation. <i>Led I Sneg</i> , 2018, 58, 507-523.	0.1	5
4947	Winter air temperature in Holocene reconstructed from the ice wedges stable water isotopes near Anadyr town. <i>Led I Sneg</i> , 2019, 59, 93-102.	0.1	3
4948	Seasonal variation of the isotope and hydrochemical characteristics of the main lake rivers in Lake Ebinur, Xinjiang. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2018, 30, 1707-1721.	0.3	2
4949	Hydrochemical and Isotopic Evolution of Groundwater Flowing Downstream of the Daqing River (Liaodong Bay, China). <i>Journal of Coastal Research</i> , 2020, 36, 608.	0.1	6
4950	Plant water resource partitioning and xylem-to-leaf deuterium enrichment in Lanzhou, northwest China. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 1127-1140.	1.0	2
4951	Tree-ring cellulose $\delta^{18}\text{O}$ variability in pine and oak and its potential to reconstruct precipitation and relative humidity in central Japan. <i>Geochemical Journal</i> , 2015, 49, 125-137.	0.5	25
4952	Freshwater Reservoir Effect Variability in Northern Germany. <i>Radiocarbon</i> , 2013, 55, .	0.8	7

#	ARTICLE	IF	CITATIONS
4953	Radiocarbon and Other Environmental Isotopes in the Groundwater of the Sites for a Planned New Nuclear Power Plant in Lithuania. Radiocarbon, 2013, 55, .	0.8	2
4954	Oxygen isotopic fractionation in rat bones as a result of consuming thermally processed water – bioarchaeological applications. Geochronometria, 2020, 47, 1-12.	0.2	2
4955	An Optimized Snowmelt Lysimeter System for Monitoring Melt Rates and Collecting Samples for Stable Water Isotope Analysis. Journal of Hydrology and Hydromechanics, 2019, 67, 20-31.	0.7	21
4956	Stable isotope constraints on hydrostratigraphy and aquifer connectivity in the Table Mountain Group. South African Journal of Geology, 2019, 122, 317-330.	0.6	2
4957	Stable Isotope Ratios of Natural Water in Japan-The Analysis by Using Environmental Isotopes Database-. Suimon Mizu Shigen Gakkaishi, 2003, 16, 556-569.	0.1	13
4958	Oxygen and Hydrogen Stable Isotopes of Precipitation in Small Oceanic Islands. Suimon Mizu Shigen Gakkaishi, 2005, 18, 349-361.	0.1	7
4959	Characteristics of the $\delta^{18}O$ and $\delta^2H$ of monthly and event precipitation in Tsukuba from 2000 to 2002. Suimon Mizu Shigen Gakkaishi, 2005, 18, 592-602.	0.1	8
4960	Review and Perspective on the Water Cycle Processes using Stable Isotope of Water. Suimon Mizu Shigen Gakkaishi, 2008, 21, 158-176.	0.1	8
4961	Stabile Isotope in der Dendroklimatologie   Stable isotopes and dendroclimatology. Schweizerische Zeitschrift Fur Forstwesen, 2004, 155, 222-232.	0.5	3
4962	Snow-accumulation rates and isotopic content ( $\delta^2H, \delta^3H$ ) of near-surface firn from the Filchner-Ronne Ice Shelf, Antarctica. Annals of Glaciology, 1994, 20, 121-128.	2.8	13
4963	Climatic influence on the composition of snow cover at Austre Okstindbreen, Norway, 1989 and 1990. Annals of Glaciology, 1994, 19, 1-6.	2.8	3
4964	Snow-accumulation rates and isotopic content ( $\delta^2H, \delta^3H$ ) of near-surface firn from the Filchner-Ronne Ice Shelf, Antarctica. Annals of Glaciology, 1994, 20, 121-128.	2.8	4
4965	Effects of seasonal variability of accumulation on yearly mean $\delta^{18}O$ values in Antarctic snow. Journal of Glaciology, 1999, 45, 463-468.	1.1	14
4966	Distribution of stable isotopes in surface snow along the route of the 1990 International Trans-Antarctica Expedition. Journal of Glaciology, 1994, 40, 107-118.	1.1	36
4967	$\delta^2H-\delta^{18}O$ Relationships and the Thermal History of Basal Ice Near the margins of two Glaciers in Lyngen, North Norway. Journal of Glaciology, 1988, 34, 265-268.	1.1	3
4968	Firn-core study from the southern Patagonia ice cap, South America. Journal of Glaciology, 1993, 39, 249-254.	1.1	5
4969	Dating of Greenland Ice Cores by Flow Models, Isotopes, Volcanic Debris, and Continental Dust. Journal of Glaciology, 1978, 20, 3-26.	1.1	28
4970	Determination of the Rate of Snow Accumulation at the Pole of Relative Inaccessibility, Eastern Antarctica: A Comparison of Glaciological and Isotopic Methods. Journal of Glaciology, 1968, 7, 273-287.	1.1	9

#	ARTICLE	IF	CITATIONS
4971	A Flow Model and a Time Scale for the Ice Core from Camp Century, Greenland. <i>Journal of Glaciology</i> , 1969, 8, 215-223.	1.1	64
4972	Stratigraphic Noise in Time Series Derived from Ice Cores. <i>Annals of Glaciology</i> , 1985, 7, 76-83.	2.8	80
4973	Hydrometeorological Interpretation of Isotopic Data On Atmospheric Moisture and Precipitation. <i>Annals of Glaciology</i> , 1985, 7, 181-184.	2.8	7
4974	A Zonally-Averaged Stable-Isotope Model Coupled to a Regional Variable-Elevation Stable-Isotope Model. <i>Annals of Glaciology</i> , 1990, 14, 65-71.	2.8	14
4975	Climatic Change in a High-Altitude Alpine Area Suggested by the Isotopic Composition Of Cold Basal Glacier Ice. <i>Annals of Glaciology</i> , 1990, 14, 168-171.	2.8	5
4976	Field Study of Mass Balance, and Hydrology of the West Khangri Nup Glacier (Khumbu, Everest). <i>Water (Switzerland)</i> , 2020, 12, 433.	1.2	3
4977	Deep-water renewal in a Scottish fjord: temperature, salinity and oxygen isotopes. <i>Polar Research</i> , 2002, 21, 251-257.	1.6	7
4978	Deuterium and oxygen-18 in precipitation and other natural waters Some theoretical considerations. <i>Tellus</i> , 2022, 17, 498-512.	0.4	47
4979	Hurricane tritium II: Air-sea exchange of water in Betsy 1965. <i>Tellus</i> , 2022, 20, 577.	0.4	7
4980	Relationship between $\delta D$ and $\delta^{18}O$ values of falling snow particles from a separate cloud. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 40, 205.	0.8	6
4981	Time-trends in the pattern of ocean-atmosphere exchange in an ice core from the Weddell Sea sector of Antarctica. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 44, 430.	0.8	18
4982	Studies on the Reconstruction of Past Temperature Changes from Stable Isotopes of Water: Records of Millennial-scale Climate Change from Polar Ice Cores. <i>The Quaternary Research</i> , 2007, 46, 147-164.	0.2	6
4983	Baffin Bay sea ice extent and synoptic moisture transport drive water vapor isotope ( $\delta^{18}O$ ) variability in coastal northwest Greenland. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13929-13955.	1.9	10
4996	Environmental records from temperate glacier ice on Nevado Coropuna saddle, southern Peru. <i>Advances in Geosciences</i> , 0, 22, 27-34.	12.0	20
4997	Comparison of optimal estimation $HDO$ retrievals from AIRS with ORACLES measurements. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1825-1834.	1.2	6
4998	Correcting the impact of the isotope composition on the mixing ratio dependency of water vapour isotope measurements with cavity ring-down spectrometers. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3167-3190.	1.2	21
5002	Ideas and perspectives: The same carbon behaves like different elements – an insight into position-specific isotope distributions. <i>Biogeosciences</i> , 2020, 17, 4785-4795.	1.3	4
5009	On the low-frequency component of the ENSO-Indian monsoon relationship: a paired proxy perspective. <i>Climate of the Past</i> , 2014, 10, 733-744.	1.3	15

#	ARTICLE	IF	CITATIONS
5010	Radionuclide wiggle matching reveals a nonsynchronous early Holocene climate oscillation in Greenland and western Europe around a grand solar minimum. <i>Climate of the Past</i> , 2020, 16, 1145-1157.	1.3	8
5011	Greenland temperature and precipitation over the last 20,000 years using data assimilation. <i>Climate of the Past</i> , 2020, 16, 1325-1346.	1.3	19
5012	High-frequency climate variability in the Holocene from a coastal-dome ice core in east-central Greenland. <i>Climate of the Past</i> , 2020, 16, 1369-1386.	1.3	8
5013	A 2600-year summer climate reconstruction in central Japan by integrating tree-ring stable oxygen and hydrogen isotopes. <i>Climate of the Past</i> , 2020, 16, 2153-2172.	1.3	39
5014	Past surface temperatures at the NorthGRIP drill site from the difference in firn diffusion of water isotopes. <i>Climate of the Past</i> , 2011, 7, 1327-1335.	1.3	27
5044	Speleothem stable isotope records for east-central Europe: resampling sedimentary proxy records to obtain evenly spaced time series with spectral guidance. <i>Earth System Science Data</i> , 2018, 10, 139-149.	3.7	5
5045	Djankuat glacier station in the North Caucasus, Russia: a database of glaciological, hydrological, and meteorological observations and stable isotope sampling results during 2007–2017. <i>Earth System Science Data</i> , 2019, 11, 1463-1481.	3.7	15
5046	The Iso2k database: a global compilation of paleo- $\delta^{18}\text{O}$ and $\delta^2\text{H}$ records to aid understanding of Common Era climate. <i>Earth System Science Data</i> , 2020, 12, 2261-2288.	3.7	46
5048	Pacific climate reflected in Waipuna Cave drip water hydrochemistry. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 3361-3380.	1.9	12
5049	Investigating unproductive water losses from irrigated agricultural crops in the humid tropics through analyses of stable isotopes of water. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 3627-3642.	1.9	15
5050	Using water stable isotopes to understand evaporation, moisture stress, and re-wetting in catchment forest and grassland soils of the summer drought of 2018. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 3737-3752.	1.9	40
5066	The cryostratigraphy of the Yedoma cliff of Sobo-Sise Island (Lena delta) reveals permafrost dynamics in the central Laptev Sea coastal region during the last 52,000 kyr. <i>Cryosphere</i> , 2020, 14, 4525-4551.	1.5	17
5071	The Amazon Glaciers. , 0, , .		1
5072	Oxygen isotopes suggest elevated thermometabolism within multiple Permo-Triassic therapsid clades. <i>ELife</i> , 2017, 6, .	2.8	37
5073	Variations of Stable Isotope Ratios in Nature. Springer Textbooks in Earth Sciences, Geography and Environment, 2021, , 267-498.	0.1	1
5074	The Geochemistry of Glacial Meltwaters. , 2022, , 290-304.		2
5075	Theoretical and Experimental Principles. Springer Textbooks in Earth Sciences, Geography and Environment, 2021, , 1-48.	0.1	2
5076	Stable Isotopes for Sustainable Management of Agricultural Water: Case of Mateur Plain (North) Tj ETQq1 1 0.784314 rgBT /Overlock 0,2		0



#	ARTICLE	IF	CITATIONS
5077	FORMATION CONDITIONS OF GROUNDWATER OF THE UPPER JURASSIC OF THE CENTRAL REGIONS OF THE ZAURAL MEGAMONOCYCLISIS. Interexpo GEO-Siberia, 2021, 2, 181-190.	0.0	0
5078	Short-Term Meteorological and Environmental Signals Recorded in a Firn Core from a High-Accumulation Site on Plateau Laclavere, Antarctic Peninsula. Geosciences (Switzerland), 2021, 11, 428.	1.0	4
5080	Validation of a coupled $\delta^{18}O$ and $\delta^2H$ paleohygrometer approach based on a climate chamber experiment. Biogeosciences, 2021, 18, 5363-5380.	1.8	6
5081	Dryland dunes and other dryland environmental archives as proxies for Late Quaternary stratigraphy and environmental and climate change in southern Africa. South African Journal of Geology, 2021, 124, 927-962.	0.6	8
5082	The role of sublimation as a driver of climate signals in the water isotope content of surface snow: laboratory and field experimental results. Cryosphere, 2021, 15, 4949-4974.	1.5	13
5083	Dating of the GV7 East Antarctic ice core by high-resolution chemical records and focus on the accumulation rate variability in the last millennium. Climate of the Past, 2021, 17, 2073-2089.	1.3	3
5084	Local-scale deposition of surface snow on the Greenland ice sheet. Cryosphere, 2021, 15, 4873-4900.	1.5	9
5085	Continuous monitoring of surface water vapour isotopic compositions at Neumayer Station III, East Antarctica. Cryosphere, 2021, 15, 4745-4767.	1.5	6
5086	Tree-ring cellulose $\delta^{18}O$ records similar large-scale climate influences as precipitation $\delta^{18}O$ in the Northwest Territories of Canada. Climate Dynamics, 2022, 58, 759-776.	1.7	10
5087	Advances and Challenges in Palaeoenvironmental Studies Based on Oxygen Isotope Composition of Skeletal Carbonates and Phosphates. Geosciences (Switzerland), 2021, 11, 419.	1.0	4
5088	Of herds and societies – Seasonal aspects of VinÅa culture herding and land use practices revealed using sequential stable isotope analysis of animal teeth. PLoS ONE, 2021, 16, e0258230.	1.1	2
5089	Utilizing Ice Core and Climate Model Data to Understand Seasonal West Antarctic Variability. Journal of Climate, 2021, , 1-55.	1.2	1
5090	Flood signals in tree-ring $\delta^{18}O$ and wood anatomical parameters of Lagerstroemia speciosa: Implications for developing flood management strategies in Bangladesh. Science of the Total Environment, 2022, 809, 151125.	3.9	2
5091	Eastern Mediterranean climate change deduced from the Soreq Cave fluid inclusion stable isotopes and carbonate clumped isotopes record of the last 160 ka. Quaternary Science Reviews, 2021, 272, 107223.	1.4	20
5092	Oxygen isotope composition of seawater and salinity in the western Indian Ocean: Implications for water mass mixing. Marine Chemistry, 2021, 237, 104035.	0.9	6
5093	Root systems. , 2000, , 367-398.		0
5094	Time-space variation in event-based isotopic composition of precipitation over the Kanto Plain, Japan, during a warm period. Journal of Japanese Association of Hydrological Sciences, 2001, 31, 4_123-4_133.	0.2	1
5095	Establishing a Speleothem Chronology for Southwestern Oregon. , 2004, , 273-302.		0

#	ARTICLE	IF	CITATIONS
5096	W. Dansgaard 2004. Frozen annals: Greenland ice sheet research. Copenhagen, University of Copenhagen. Department of Geophysics of the Niels Bohr Institute. 122 pp. ISBN 87-990078-0-0.. Journal of Glaciology, 2005, 51, 170-170.	1.1	0
5097	Hydrogeochemistry and Environmental Oxygen Isotopes of Groundwater from the Muikamachi Basin, Niigata Prefecture, Central Japan. Suimon Mizu Shigen Gakkaishi, 2005, 18, 140-155.	0.1	1
5099	Defining and exploring the key questions. , 2005, , 1-18.		0
5100	Isotopic altitude effect and discharge characteristics of river water in Yakushima Island, southwestern Japan. Journal of Japanese Association of Hydrological Sciences, 2007, 37, 41-54.	0.2	3
5102	Climatic significance of hydrogen isotope ratios of terrigenous n-alkanes in Kongmo Co on the southern Tibetan Plateau. Hupo Kexue/Journal of Lake Sciences, 2010, 22, 127-135.	0.3	1
5103	Characteristics of Oxygen Stable Isotopic Ratio in Precipitations in Niigata Prefecture, Japan. Radioisotopes, 2010, 59, 93-102.	0.1	4
5104	Hidrogeoquímica e isotopía ambiental del sector noreste de la Serra de Tramuntana, isla de Mallorca (España). Ingeniería Del Agua, 2010, 17, .	0.2	0
5109	Isotope Hydrology in Water Cycle Studies in Ethiopia. Springer Hydrogeology, 2013, , 187-203.	0.1	0
5116	Temporal variation of stable isotope ratios in precipitation on Chubu-mountainous areas: a case study of Mt. Ontake, Japan. Journal of Japanese Association of Hydrological Sciences, 2014, 44, 67-77.	0.2	0
5118	Large Salt Beds on the Surface of the Ross Ice Shelf Near Black Island, Antarctica. Journal of Glaciology, 1981, 27, 11-18.	1.1	4
5119	Um estudo sobre as Águas subterrâneas da região de Piracicaba. Anais Da Escola Superior De Agricultura Luiz De Queiroz, 1981, 38, 885-907.	0.0	2
5120	Simulation of Desert Dust Cycles in an Atmospheric General Circulation Model (Abstract). Annals of Glaciology, 1984, 5, 208-210.	2.8	0
5121	Simulation of Airborne Impurity Cycles Using Atmospheric General Circulation Models. Annals of Glaciology, 1985, 7, 131-137.	2.8	1
5122	Snowfall and Oxygen-Isotope Variations off the North Coast of Ellesmere Island, N.W.T., Canada. Journal of Glaciology, 1987, 33, 195-199.	1.1	0
5123	Investigation of the <sup>18</sup> O Content of a 100 m Ice Core From the Ronne Ice Shelf, Antarctica. Annals of Glaciology, 1988, 10, 43-47.	2.8	1
5124	Pleistocene ice at the bottom of the Vavilov ice cap, Severnaya Zemlya, Russian Arctic. Journal of Glaciology, 1996, 42, 403-406.	1.1	2
5125	Mathematical Modelling of Microwave Assisted Dehydration of Osmotically Pretreated Yellow Sweet Pepper (Capsicum annum L). Journal of Nutritional Health & Food Engineering, 2014, 1, .	0.5	1
5132	Willi Dansgaard. , 2015, , 49-50.		0

#	ARTICLE	IF	CITATIONS
5139	Characteristics of Land Waters in Okinawa Islands (II) Sources of Water Vapor and Acidic Materials in Precipitation on Ishigaki Island in Okinawa, Japan. Japanese Journal of Limnology, 2016, 77, 191-198.	0.1	1
5140	Determining factor of vapor isotope ratio during Kanto-Tohoku heavy rain 2015 at Mase Tsukuba city. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2017, 73, I_275-I_281.	0.1	0
5141	Niederschlag, Wasserkreislauf, Klimazonen. , 2017, , 199-264.		0
5142	The use of $\delta^{18}O$ as an indicator of vanadium movement in a dormant stratovolcano region. Toxicological and Environmental Chemistry, 2017, 99, 735-752.	0.6	2
5143	Electrical Conductivity Characteristics of a Shallow Ice Core from GV7, East Antarctica. Journal of the Geological Society of Korea, 2017, 53, 521-531.	0.3	0
5144	Cambios y continuidades en la movilidad humana a finales del holoceno tardío: cambios entópicos, lesiones articulares e isótopos estables en el sur de Mendoza. Revista Del Museo De Antropología, 0, , 157-166.	0.2	3
5145	Paleochannel Recharge Sources in the Central Godavari Delta, A.P., India. Water Science and Technology Library, 2018, , 97-108.	0.2	0
5146	The Composition of Isotopes in Precipitation in the Mediterranean of Europe. Journal of Water Resources Research, 2018, 07, 370-378.	0.1	0
5147	Characteristics of hydrogen and oxygen stable isotopes in Lake Hulun Basin and its indicative function in evaporation. Hupo Kexue/Journal of Lake Sciences, 2018, 30, 211-219.	0.3	1
5148	Application of Passive Capillary Samplers in Water Stable Isotope Investigations of Snowmelt – A Case Study From Slovenia. Journal of Hydrology and Hydromechanics, 2019, 67, 32-40.	0.7	0
5149	Frontiers in Hydrology and Water Resources Research. Suimon Mizu Shigen Gakkai, 2018, 31, 509-540.	0.1	1
5150	Yedioluk-Kozan (Adıyaman) Bölgesindeki Suların Karakteristiklerinin Hidrojeolojik Açısından İncelenmesi. Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 0, , 45-56.	0.1	0
5151	Regional groundwater recharges based on the characteristics of stable isotope distribution in Dali-nor Lake in Inner Mongolia. Hupo Kexue/Journal of Lake Sciences, 2019, 31, 1334-1343.	0.3	0
5152	Changes of stable oxygen and hydrogen isotopes in summer Dali-nor Lake in Inner Mongolia of Northern China. Hupo Kexue/Journal of Lake Sciences, 2019, 31, 539-550.	0.3	1
5153	Variation characteristics of stable isotope in precipitation in Mount Lu area. Journal of Natural Resources, 2019, 34, 1306.	0.4	3
5154	DETERMINATION OF THE ORIGIN AND RECHARGE PROCESS OF WATER RESOURCES IN SALDA LAKE BASIN BY USING THE ENVIRONMENTAL, TRITIUM AND RADIOCARBON ISOTOPES (BURDUR/TURKEY). Bulletin of the Mineral Research and Exploration, 0, , 1-10.	0.5	5
5155	Stable isotopes of $^{18}O$ and D in key components of water flows and the permafrost zone of Central Yakutia (Eastern Siberia). Led I Sneg, 2019, 59, 333-354.	0.1	1
5156	Isotopic composition of oxygen in snow-and-firn thickness on the Eastern peak of Elbrus, the Caucasus. Led I Sneg, 2019, 59, 293-305.	0.1	1

#	ARTICLE	IF	CITATIONS
5157	Summer Monsoon Variability in the Himalaya Over Recent Centuries. , 2020, , 261-280.		2
5158	Paleotemperature reconstruction using environmental isotopes and noble gases in groundwater in Morocco. <i>Hydrogeology Journal</i> , 2020, 28, 973-986.	0.9	6
5159	A variation of stable isotope composition of snow with altitude on the Elbrus mountain, Central Caucasus. <i>Geography, Environment, Sustainability</i> , 2020, 13, 172-182.	0.6	5
5161	Development of a calibration system for stable water vapor isotope measurements using Cavity Ring-Down Spectroscopy. <i>Journal of the Geological Society of Korea</i> , 2020, 56, 395-403.	0.3	0
5162	SEYFE GÄ–LÄœ SULAK ALAN HAVZASINDAKÄ° SU KAYNAKLARININ DURAYLI Ä°ZOTOP Ä°Ä†ERÄ°KLERÄ°NÄ°N Ä°NCELENMESÄ°. MÄ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2020, 8, 883-903.	0.1	0
5163	Mixed Temperature-Moisture Signal in $\delta^{18}O$ Records of Boreal Conifers from the Permafrost Zone. <i>Atmosphere</i> , 2021, 12, 1416.	1.0	2
5164	Geochemical monitoring of deionized seawater injected underground during construction of an LPG rock cavern in Namikata, Japan, for the safety water curtain system. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	2
5165	A multi-proxy approach to exploring <i>Homo sapiens</i> ™ arrival, environments and adaptations in Southeast Asia. <i>Scientific Reports</i> , 2021, 11, 21080.	1.6	12
5166	Seasonality of solute flux and water source chemistry in a coastal glacierized watershed undergoing rapid change: Wolverine Glacier watershed, Alaska. <i>Water Resources Research</i> , 2021, 57, e2020WR028725.	1.7	4
5167	The spatial patterns and impact factors of stable oxygen and hydrogen isoscapes in pond water: A case study on the water-source forests of the Hani terraced fields in Yunnan, China. <i>Journal of Hydrology</i> , 2021, 603, 127097.	2.3	5
5168	What we talk about when we talk about seasonality â€“ A transdisciplinary review. <i>Earth-Science Reviews</i> , 2022, 225, 103843.	4.0	28
5169	The integration of isotopic and historical data to investigate the identification of crewmembers of the 1845 Franklin expedition. <i>Journal of Archaeological Science: Reports</i> , 2021, 40, 103200.	0.2	0
5170	Geochemical characteristics of produced water from coalbed methane wells and its influence on productivity in Laochang Coalfield, China. <i>Open Geosciences</i> , 2020, 12, 1146-1157.	0.6	2
5172	Hydrochemie, diagenetische Entwicklung, Herkunft und Verbleib der gelÄ†sten Substanzen von PorenwÄssern: Entwicklung der FormationswÄssern in intrakontinentalen Becken. , 2021, , 147-194.		0
5173	10-year Characteristics of Moisture Source Regions and Their Potential Effect on Seasonal Isotopic Signatures of $\delta^{18}O$ in Tropical Trees of Southern Ecuador. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	3
5175	Characteristics of $\delta^{18}O$ and $\delta^2H$ and their implication for the interaction between precipitation, groundwater and river water in the upper River Tuojiang, Southwest China. <i>Water Practice and Technology</i> , 2021, 16, 226-246.	1.0	2
5176	Pleistocene and holocene palaeoenvironmental reconstruction of the carpathian basin based on multiproxy analysis of cervid teeth. <i>Historical Biology</i> , 0, , 1-19.	0.7	2
5177	Preliminary Research on Hydrogen and Oxygen Isotope Characteristics of River Waters in the Source Region of the Yangtze River and the Lancang River. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2021, , 67-76.	0.2	0

#	ARTICLE	IF	CITATIONS
5178	Comparison of historical and recent accumulation rates on Abramov Glacier, Pamir Alay. <i>Journal of Glaciology</i> , 2021, 67, 253-268.	1.1	7
5179	Historical droughts in Southeast Australia recorded in a New South Wales stalagmite. <i>Holocene</i> , 2021, 31, 607-617.	0.9	4
5180	Water isotope variation in an ecohydrologic context at a seasonally dry tropical forest in northwest Mexico. <i>Journal of Arid Environments</i> , 2022, 196, 104658.	1.2	3
5181	Oxygen and deuterium isotope characteristics of Teesta river catchment from Sikkim Himalaya, India: Implications of different moisture sources. <i>Geochemical Journal</i> , 2020, 54, 327-336.	0.5	8
5182	Stable Isotopes and the Hydrosphere. <i>Springer Textbooks in Earth Sciences, Geography and Environment</i> , 2020, , 21-28.	0.1	0
5183	Was können wir von den Isotopen lernen?. , 2020, , 193-220.		0
5184	Geochemistry of last glacial lacustrine sediments in core region of the North American Monsoon, northwest Mexico: Source of biomass, hydrological balance and chemical weathering. <i>Geological Journal</i> , 2021, 56, 2464-2476.	0.6	1
5185	Disentangling different moisture transport pathways over the eastern subtropical North Atlantic using multi-platform isotope observations and high-resolution numerical modelling. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16319-16347.	1.9	12
5186	Surface Water Intrusion, Land Use Impacts, and Bacterial Community Composition in Shallow Groundwater Wells Supplying Potable Water in Sparsely Populated Areas of a Boreal Region. <i>Microbiology Spectrum</i> , 2021, 9, e0017921.	1.2	7
5187	Spatial distributions of oxygen and hydrogen isotopes in multi-level groundwater across South Korea: A case study of mountainous regions. <i>Science of the Total Environment</i> , 2022, 812, 151428.	3.9	7
5188	Deep Drilling for Groundwater in Bengaluru, India: A Case Study on the City's Over-Exploited Hard-Rock Aquifer System. <i>Sustainability</i> , 2021, 13, 12149.	1.6	5
5189	Stable isotope ratio analysis for the authentication of milk and dairy ingredients: A review. <i>International Dairy Journal</i> , 2022, 126, 105268.	1.5	7
5190	Climatic quantification and seasonality of the late MIS 3 in North China: A perspective from carbon and oxygen isotopes of fossil mammal teeth. <i>Quaternary Science Reviews</i> , 2021, 272, 107222.	1.4	2
5191	Episodic deluges in simulated hothouse climates. <i>Nature</i> , 2021, 599, 74-79.	13.7	11
5192	Assessment of water recharge source of geothermal systems in Garhwal Himalaya (India). <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	4
5193	Seasonal variability in temperature trends and atmospheric circulation systems during the Eemian (Last Interglacial) based on n-alkanes hydrogen isotopes from Northern Finland. <i>Quaternary Science Reviews</i> , 2021, 273, 107250.	1.4	2
5194	Event to Decadal-Scale Glaciochemical Variability on the Inilchek Glacier, Central Tien Shan. , 2004, , 61-79.		0
5195	$^{40}\text{Ar}/^{39}\text{Ar}$ dating method. , 1999, , 19-21.		0

#	ARTICLE	IF	CITATIONS
5196	Analysis: field methodsField methods. , 1999, , 11-12.		0
5198	Oxygen isotopic variation of falling snow particles with time during the lifetime of a convective cloud: observation and modelling. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1989, 41, 511-523.	0.8	2
5199	Craigâ€™Gordon model validation using stable isotope ratios in water vapor over the Southern Ocean. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11435-11449.	1.9	7
5200	Air-Ice Interface: Polar Ice. <i>Frontiers in Earth Sciences</i> , 2021, , 145-149.	0.1	0
5202	Using oxygen and hydrogen stable isotopes to track the migratory movement of Sharp-shinned Hawks ( <i>Accipiter striatus</i> ) along Western Flyways of North America. <i>PLoS ONE</i> , 2020, 15, e0226318.	1.1	4
5203	First data on the climate variability in the vicinity of Vostok Station (central Antarctica) over the past 2,000 years based on the study of a snow-firn core. <i>Arctic and Antarctic Research</i> , 2020, 66, 482-500.	0.1	3
5204	The CH-IRP data set: a decade of fortnightly data on $\delta^{18}O$ and $\delta^2H$ in streamflow and precipitation in Switzerland. <i>Earth System Science Data</i> , 2020, 12, 3057-3066.	3.7	0
5205	Ratio of isotopic parameters $\delta^{2H}$ - $\delta^{18}O$ in Late Pleistocene and Holocene ice wedge. , 2021, , 19-43.	0.1	2
5206	Additional multi-proxy stalagmite evidence from northeast Namibia supports recent models of wetter conditions during the 4.2Åka Event in the Southern Hemisphere. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 586, 110756.	1.0	7
5207	Potential utility of Himalayan tree-ring $\delta^{18}O$ to reveal spatial patterns of past drought variabilityâ€™Its assessments and implications. , 2022, , 265-293.		0
5208	Application of precipitation isotopes in pursuit of paleomonsoon reconstruction: An Indian perspective. , 2022, , 413-428.		0
5209	Spatial distribution of stable isotopes in surface water on the upper Indus River basin (UIRB): Implications for moisture source and paleoelevation reconstruction. <i>Applied Geochemistry</i> , 2022, 136, 105137.	1.4	11
5210	An unmanned aerial vehicle sampling platform for atmospheric water vapor isotopes in polar environments. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 7045-7067.	1.2	3
5211	Triple-isotope mass balance of mid-latitude, groundwater controlled lake. <i>Science of the Total Environment</i> , 2022, 814, 151935.	3.9	7
5212	Landscape controls of surface-water/groundwater interactions on shallow outwash lakes: how the long-term groundwater signal overrides interannual variability due to evaporative effects. <i>Hydrogeology Journal</i> , 2022, 30, 251-264.	0.9	2
5213	Interglacial Antarcticâ€™Southern Ocean climate decoupling due to moisture source area shifts. <i>Nature Geoscience</i> , 2021, 14, 918-923.	5.4	12
5214	Stable Isotopes in Precipitation and Meteoric Water: Sourcing and Tracing the North American Monsoon in Arizona, New Mexico, and Utah. <i>Water Resources Research</i> , 2021, 57, e2021WR030039.	1.7	6
5215	Isotope hydrogeochemical models for assessing the hydrological processes in a part of the largest continental flood basalts province of India. <i>Geoscience Frontiers</i> , 2022, 13, 101336.	4.3	5

#	ARTICLE	IF	CITATIONS
5216	Integrating magnetic susceptibility, hydrogeochemical, and isotopic data to assess the seawater invasion in coastal aquifers of Digha, West Bengal, India. <i>Environmental Science and Pollution Research</i> , 2022, 29, 23474-23503.	2.7	6
5217	A framework for triple oxygen isotopes in speleothem paleoclimatology. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 319, 191-219.	1.6	13
5218	Linking environmental indicators to blood, feather and claw $\delta^{18}O$ in the Saffron Finch ( <i>Sicalis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	0.5	1
5219	Spatiotemporal Variation of Hydrogen and Oxygen Stable Isotopes in the Yarlung Tsangpo River Basin, Southern Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
5220	Tree-ring oxygen isotopes record a decrease in Amazon dry season rainfall over the past 40 years. <i>Climate Dynamics</i> , 2022, 59, 1401-1414.	1.7	10
5221	Tropical Pacific Forcing of Hydroclimate in the Source Area of the Yellow River. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095876.	1.5	6
5222	Reconstruction of Climate Changes Based $\delta^{18}O_{carb}$ on the Northeastern Tibetan Plateau: A 16.1-cal kyr BP Record From Hurlig Lake. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	4
5223	Isotopic tracers to assess the snowmelt contribution to the groundwater recharge: a case from the Moroccan High and Middle Atlas Mountains. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	7
5224	Hydrochemical Characteristics and Cause Analysis of Natural Water in the Southeast of Qinghai-Tibet Plateau. <i>Water (Switzerland)</i> , 2021, 13, 3345.	1.2	2
5225	Can we use precipitation isotope outputs of isotopic general circulation models to improve hydrological modeling in large mountainous catchments on the Tibetan Plateau?. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 6151-6172.	1.9	14
5226	Chronostratigraphic palaeo-climate phasing based on southern African wetlands: From the escarpment to the eastern seaboard. <i>South African Journal of Geology</i> , 2021, 124, 977-994.	0.6	2
5227	Temporal variations of stable isotopes in precipitation from Yungui Plateau: Insights from moisture source and rainout effect. <i>Journal of Hydrometeorology</i> , 2021, , .	0.7	17
5228	The magnitude and climate sensitivity of isotopic fractionation from ablation of Antarctic Dry Valley lakes. <i>Arctic, Antarctic, and Alpine Research</i> , 2021, 53, 352-371.	0.4	0
5229	Stable Isotope Analysis in Archaeological Science and Mummy Studies. , 2021, , 197-210.		0
5230	key words -50-. <i>Journal of the Japan Landslide Society</i> , 2021, 58, 269-273.	0.1	0
5231	Ice-covered ponds in the Untersee Oasis (East Antarctica): Distribution, chemical composition, and trajectory under a warming climate. <i>Arctic, Antarctic, and Alpine Research</i> , 2021, 53, 324-339.	0.4	1
5232	High-precision $\delta^{18}O$ measurements of geothermal H <sub>2</sub> O and MORB on the VSMOW-SLAP scale: evidence for active oxygen exchange between the lithosphere and hydrosphere. <i>Geochemical Journal</i> , 2021, 55, e25-e33.	0.5	2
5233	Isotopic signatures to address the groundwater recharge in coastal aquifers. <i>Marine Pollution Bulletin</i> , 2022, 174, 113273.	2.3	5

#	ARTICLE	IF	CITATIONS
5234	A new local meteoric water line for Inuvik (NT, Canada). <i>Earth System Science Data</i> , 2022, 14, 57-63.	3.7	7
5235	Relationship between precipitation isotopic compositions and synoptic atmospheric circulation patterns in the lower reach of the Yangtze River. <i>Journal of Hydrology</i> , 2022, 605, 127289.	2.3	12
5236	Considerable influences of recycled moistures and summer monsoons to local precipitation on the northeastern Tibetan Plateau. <i>Journal of Hydrology</i> , 2022, 605, 127343.	2.3	10
5237	Quantifying the effect of moisture source and transport on the precipitation isotopic variations in northwest Ethiopian Highland. <i>Journal of Hydrology</i> , 2022, 605, 127322.	2.3	8
5238	Spatial distribution of meteorological factors controlling stable isotopes in precipitation in Northern Chile. <i>Journal of Hydrology</i> , 2022, 605, 127380.	2.3	15
5239	Nitrate sources and nitrogen dynamics in a karst aquifer with mixed nitrogen inputs (Southwest) Tj ETQq1 1 0.784314 rgBT /Overlock 118000.	5.3	36
5240	Reconciling the isotope-based fog classification with meteorological conditions of different fog types. <i>Journal of Hydrology</i> , 2022, 605, 127321.	2.3	4
5241	Proboscideans on Parade: A review of the migratory behaviour of elephants, mammoths, and mastodons. <i>Quaternary Science Reviews</i> , 2022, 277, 107304.	1.4	4
5242	The unknown third â€“ Hydrogen isotopes in tree-ring cellulose across Europe. <i>Science of the Total Environment</i> , 2022, 813, 152281.	3.9	18
5243	Stable isotope and multi-element profiling of Cassiae Semen tea combined with chemometrics for geographical discrimination. <i>Journal of Food Composition and Analysis</i> , 2022, 107, 104359.	1.9	16
5244	Isotopic composition ( $\delta^{15}\text{N}$ , $\delta^{18}\text{O}$ ) of nitrate in high-frequency precipitation events differentiate atmospheric processes and anthropogenic NO <sub>x</sub> emissions. <i>Atmospheric Research</i> , 2022, 267, 105971.	1.8	8
5245	Reservoir NO <sub>3</sub> <sup>-</sup> pollution and chemical weathering: by dual isotopes of $\delta^{15}\text{N}$ -NO <sub>3</sub> <sup>-</sup> , $\delta^{18}\text{O}$ -NO <sub>3</sub> <sup>-</sup> and geochemical constraints. <i>Environmental Geochemistry and Health</i> , 2022, 44, 4381-4402.	1.8	3
5246	Phosphorus dynamics during early soil development in a cold desert: insights from oxygen isotopes in phosphate. <i>Soil</i> , 2022, 8, 1-15.	2.2	3
5247	Stable Isotope and Radiocarbon Analysis for Diet, Climate and Mobility Reconstruction in Agras (Early) Tj ETQq1 1 0.784314 rgBT /Overlock 1.3 2	1.3	2
5248	Isotopic Assessment of Groundwater Salinity: A Case Study of the Southwest (SW) Region of Punjab, India. <i>Water (Switzerland)</i> , 2022, 14, 133.	1.2	15
5249	A multi-proxy lake-sediment record of middle through late Holocene hydroclimate change in southern British Columbia, Canada. <i>Journal of Paleolimnology</i> , 2022, 67, 163-182.	0.8	0
5250	Evidence for high-elevation salar recharge and interbasin groundwater flow in the Western Cordillera of the Peruvian Andes. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 483-503.	1.9	8
5251	Quantification the diffusion-induced fractionation of <sup>1</sup> H <sup>2</sup> <sup>17</sup> O isotopologue in air accompanying the process of water evaporation. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 322, 244-259.	1.6	3



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5252	Origin and Circulation of Springs in the Nangqen and Qamdo Basins, Southwestern China, Based on Hydrochemistry and Environmental Isotopes. <i>Geofluids</i> , 2022, 2022, 1-25.	0.3	2
5253	Stable isotope and geochemical evidence on sources and mechanisms of groundwater recharge in the Nalanda-Rajgir Region of Eastern India. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	0
5254	Controls on groundwater selenium, arsenic and base metals in groundwater around a selenium-bearing volcanogenic massive sulfide deposit: constraints from stable isotopes, trace elements and redox controls. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2022, 22, .	0.5	1
5255	The spatial hydrological structure of the western tropical Pacific derived from $\delta^{18}\text{O}$ and $\delta^2\text{H}$ signatures. <i>Journal of Hydrology</i> , 2022, 607, 127537.	2.3	3
5256	Low- $\delta^{18}\text{O}$ Neoproterozoic precipitation recorded in a 2.67 Ga magmatic-hydrothermal system of the Keivy granitic complex, Russia. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117322.	1.8	3
5257	Factors Influencing Changes of the Initial Stable Water Isotopes Composition in the Seasonal Snowpack of the South of Western Siberia, Russia. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 625.	1.3	2
5258	Water vapor isotopes indicating rapid shift among multiple moisture sources for the 2018–2019 winter extreme precipitation events in southeastern China. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 117-127.	1.9	9
5259	Variation in isotopic composition of precipitation with identification of vapor source using deuterium excess as tool. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 683.	0.7	6
5260	Oxygen and hydrogen stable isotopes as recharge indicators, Central Nile Delta Quaternary aquifer, Egypt. <i>Journal of King Saud University - Science</i> , 2022, 34, 101834.	1.6	1
5261	Precipitation stable isotopic signatures of tropical cyclones in Metropolitan Manila, Philippines, show significant negative isotopic excursions. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 213-226.	1.5	8
5262	Exploring Dissolved Organic Carbon Variations in a High Elevation Tropical Peatland Ecosystem: Cerro de la Muerte, Costa Rica. <i>Frontiers in Water</i> , 2022, 3, .	1.0	1
5263	Ecological environmental effects of Yellow River irrigation revealed by isotope and ion hydrochemistry in the Yinchuan Plain, Northwest China. <i>Ecological Indicators</i> , 2022, 135, 108574.	2.6	8
5264	A 5000-year lacustrine sediment oxygen isotope record of late Holocene climate change in Newfoundland, Canada. <i>Quaternary Science Reviews</i> , 2022, 278, 107376.	1.4	1
5265	Paleoecological and paleohydrological changes during the Eocene/Oligocene transition in the Qaidam Basin, NE Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2022, 228, 105130.	1.0	0
5266	Source and enrichment mechanism of fluoride in groundwater of the Hotan Oasis within the Tarim Basin, Northwestern China. <i>Environmental Pollution</i> , 2022, 300, 118962.	3.7	34
5267	Last glacial millennial-scale hydro-climate and temperature changes in Puerto Rico constrained by speleothem fluid inclusion $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values. <i>Climate of the Past</i> , 2022, 18, 167-181.	1.3	5
5268	Application of the hydrochemistry, stable isotopes and MixSIAR model to identify nitrate sources and transformations in surface water and groundwater of an intensive agricultural karst wetland in Guilin, China. <i>Ecotoxicology and Environmental Safety</i> , 2022, 231, 113205.	2.9	19
5269	Tracking breastfeeding and weaning practices in ancient populations by combining carbon, nitrogen and oxygen stable isotopes from multiple non-adult tissues. <i>PLoS ONE</i> , 2022, 17, e0262435.	1.1	10

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5270	Holocene Millennial-scale Precipitation Variations in the Asian Summer Monsoon Margin of Northwest China and Their Relation to Migrations of Monsoon Northern Boundary via Oxygen Isotope Analysis of Calcareous Root Tubes in Deserts. <i>Journal of Geophysical Research: Atmospheres</i> , 2022, 127, .	1.2	4
5271	A Late Holocene Stable Isotope and Carbon Accumulation Record from Teringi Bog in Southern Estonia. <i>Quaternary</i> , 2022, 5, 8.	1.0	0
5272	Integration of hydrochemical and isotopic characteristics for identifying groundwater recharge sources of the Eocene carbonate aquifer, Western Desert, Egypt. <i>Journal of African Earth Sciences</i> , 2022, 187, 104449.	0.9	9
5273	Investigating groundwater and surface water interactions using stable isotopes and hydrochemistry in the Notwane River Catchment, South East Botswana.. <i>Journal of Hydrology: Regional Studies</i> , 2022, 40, 101014.	1.0	6
5274	Assessing the role of groundwater recharge from tanks in crystalline bedrock aquifers in Karnataka, India, using hydrochemical tracers. <i>Journal of Hydrology X</i> , 2022, 15, 100121.	0.8	3
5275	TRITIUM CONCENTRATION IN MONTHLY PRECIPITATION NEAR THE FUSION TEST FACILITY IN JAPAN BEFORE AND AFTER THE DEUTERIUM PLASMA EXPERIMENT. <i>Radiation Protection Dosimetry</i> , 2022, 198, 976-984.	0.4	2
5276	Spatial and Seasonal Isotope Variability in Precipitation across China: Monthly Isoscapes Based on Regionalized Fuzzy Clustering. <i>Journal of Climate</i> , 2022, 35, 3411-3425.	1.2	21
5277	Four years of daily stable water isotope data in stream water and precipitation from three Swiss catchments. <i>Scientific Data</i> , 2022, 9, 46.	2.4	8
5278	Use of hydrochemistry, environmental isotopes and radon distribution for assessment of groundwater in the Cenomanian-Turonian aquifer system: a case study from the Barada River valley, Syria. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 1423-1438.	0.7	0
5279	Insights into Shallow Freshwater Lakes Hydrology in the Yangtze Floodplain from Stable Water Isotope Tracers. <i>Water (Switzerland)</i> , 2022, 14, 506.	1.2	2
5280	The Seasonally Altered Atmosphere Moisture Circulations With Rainfall and Rainfall Isotopes in Southwest China. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	1
5281	Recent climate and hydrological changes in a mountain basin system in Xinjiang, China. <i>Earth-Science Reviews</i> , 2022, 226, 103957.	4.0	107
5282	Changes in obliquity drive tree cover shifts in eastern tropical South America. <i>Quaternary Science Reviews</i> , 2022, 279, 107402.	1.4	4
5283	Arctic and sub-Arctic lake water $\delta^2\text{H}$ and $\delta^{18}\text{O}$ along a coastal-inland transect: Implications for interpreting water isotope proxy records. <i>Journal of Hydrology</i> , 2022, 607, 127556.	2.3	4
5284	Stable isotope compositions of surface water in Mexico between 22°–26°N. <i>Journal of South American Earth Sciences</i> , 2022, 115, 103723.	0.6	1
5285	Stable isotope variations of dew under three different climates. <i>Scientific Data</i> , 2022, 9, 50.	2.4	0
5286	Hydrogeochemical and isotopic characterizations of an aquifer in the semi-arid region of the Mexican Highlands. <i>Chemie Der Erde</i> , 2022, 82, 125872.	0.8	2
5287	Responses of <i>Hippopotamus amphibius</i> to environmental changes at Bui National Park, Ghana. <i>Acta Ecologica Sinica</i> , 2022, , .	0.9	0

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5288	Tracing the process of precipitation cycle in the headwater area of Qinghai-Tibet Plateau. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	6
5289	Comparison between total least squares and ordinary least squares in obtaining the linear relationship between stable water isotopes. <i>Geoscience Letters</i> , 2022, 9, .	1.3	0
5290	Diagnoses of Antarctic Inland Water Cycle Regime: Perspectives From Atmospheric Water Vapor Isotope Observations Along the Transect From Zhongshan Station to Dome A. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	0
5291	Orbital controls on eastern African hydroclimate in the Pleistocene. <i>Scientific Reports</i> , 2022, 12, 3170.	1.6	20
5292	Drier Winters Drove Cenozoic Open Habitat Expansion in North America. <i>AGU Advances</i> , 2022, 3, .	2.3	9
5293	Inferring Hydrological Information at the Regional Scale by Means of $\delta^{18}O$ - $\delta^2H$ Relationships: Insights from the Northern Italian Apennines. <i>Hydrology</i> , 2022, 9, 41.	1.3	1
5294	Hydrogeochemical Characteristics and Geothermometry of Hot Springs in the Tensile Tectonic Region Leizhou Peninsula and Hainan Island in South China. <i>Geofluids</i> , 2022, 2022, 1-21.	0.3	4
5295	Isotopic variability in tropical cyclone precipitation is controlled by Rayleigh distillation and cloud microphysics. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	14
5297	Multiple Isotopes Reveal a Hydrology Dominated Control on the Nitrogen Cycling in the Nujiang River Basin, the Last Undammed Large River Basin on the Tibetan Plateau. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4610-4619.	4.6	31
5298	Yedoma Cryostratigraphy of Recently Excavated Sections of the CRREL Permafrost Tunnel Near Fairbanks, Alaska. <i>Frontiers in Earth Science</i> , 2022, 9, .	0.8	7
5299	Moisture history in the Northeast China since 1750s reconstructed from tree-ring cellulose oxygen isotope. <i>Quaternary International</i> , 2022, 625, 49-59.	0.7	3
5300	Isotopic evidence for a diet shift in a Pleistocene sub-adult mastodon from the Brazilian Pampa. <i>Historical Biology</i> , 2023, 35, 388-402.	0.7	5
5301	Pairing plant-wax H and C isotopes with lake-area $\delta^{13}C$ a method for evaluating the local amount effect in northern China during the late Quaternary. <i>Organic Geochemistry</i> , 2022, , 104403.	0.9	1
5302	Monsoon Fringe Area Moisture Transportation Revealed by Water Stable Isotopes: A Lanzhou River Valley Case Study. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0
5303	Reconstructing postglacial hydrologic and environmental change in the eastern Kenai Peninsula lowlands using proxy data and mass balance modeling. <i>Quaternary Research</i> , 2022, 107, 1-26.	1.0	3
5304	Isotopic Characterization of Rainwater for the Development of a Local Meteoric Water Line in an Arid Climate: The Case of the Wadi Ziz Watershed (South-Eastern Morocco). <i>Water (Switzerland)</i> , 2022, 14, 779.	1.2	8
5307	Stable Isotope Tracers of Cretaceous Arctic Paleoprecipitation. <i>Geosciences (Switzerland)</i> , 2022, 12, 143.	1.0	1
5308	Relic surface water (clay-pore water) input triggers arsenic release into the shallow groundwater of Bengal aquifers. <i>Journal of Earth System Science</i> , 2022, 131, 1.	0.6	9

#	ARTICLE	IF	CITATIONS
5309	Hydrogeochemical and isotopic characteristics of emerging springs in southeastern Tunisia. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	0
5310	Hunter-gatherer Mobility Analysed Through $\delta^{18}O$ in the Patchy Environment of the Parana Valley, South American Lowlands. <i>Environmental Archaeology</i> , 0, , 1-18.	0.6	2
5311	Impact of Climate Change on Hunter-Fisher-Gatherer Cultures in Northern Japan Over the Past 4,400 Years. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
5312	Paleoclimatic interpretation in southern Laizhou Bay since the late Pleistocene: Evidence from groundwater and sedimentary strata. <i>Continental Shelf Research</i> , 2022, 237, 104676.	0.9	4
5313	The Bodies in the "Bog": A Multi-Isotope Investigation of Individual Life-Histories at an Unusual 6th/7th AD Century Group Burial from a Roman Latrine at Cramond, Scotland. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	0.7	4
5314	Isotope hydrology to provide insights into the behaviour of temporary wetlands as a basis for developing sustainable ecohydrological management strategies in Mediterranean regions. <i>Ecohydrology</i> , 2022, 15, .	1.1	2
5315	IRIS analyser assessment reveals sub-hourly variability of isotope ratios in carbon dioxide at Baring Head, New Zealand's atmospheric observatory in the Southern Ocean. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 1631-1656.	1.2	0
5316	Hydrochemistry and stable isotope indication of natural mineral water in Changbai Mountain, China. <i>Journal of Hydrology: Regional Studies</i> , 2022, 40, 101047.	1.0	6
5317	Resource allocation and rising complexity during the Iron Age IIA: An isotopic case study from Khirbet Summeily, Israel. <i>Quaternary International</i> , 2023, 646, 68-80.	0.7	1
5318	Flow Path of the Carbonate Geothermal Water in Xiong'an New Area, North China: Constraints From $^{14}C$ Dating and H-O Isotopes. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	1
5319	Stable isotopes of surface water and groundwater in a typical subtropical basin in south-central China: Insights into the young water fraction and its seasonal origin. <i>Hydrological Processes</i> , 2022, 36, .	1.1	8
5320	Isotope-based water balance assessment of open water wetlands across Alberta: Regional trends with emphasis on the oil sands region. <i>Journal of Hydrology: Regional Studies</i> , 2022, 40, 101036.	1.0	3
5321	Asian-Australian monsoon evolution over the last millennium linked to ENSO in composite stalagmite $\delta^{18}O$ records. <i>Quaternary Science Reviews</i> , 2022, 281, 107420.	1.4	15
5322	Paleoenvironment and human hunting activity during MIS 2 in southern Jordan: Isotope records of prey remains and paleosols. <i>Quaternary Science Reviews</i> , 2022, 282, 107432.	1.4	5
5323	Characterizing groundwater recharge sources using water stable isotopes in the North Basin of Lake Kivu, East Africa. <i>Chemical Geology</i> , 2022, 594, 120778.	1.4	4
5324	Indian monsoon variability during the past $\sim 48.5$ kyr as recorded in the sediments of the northeastern Arabian Sea. <i>Quaternary International</i> , 2022, , .	0.7	1
5325	Water uptake patterns of pea and barley responded to drought but not to cropping systems. <i>Biogeosciences</i> , 2022, 19, 1853-1869.	1.3	2
5326	Contrasting Common Era climate and hydrology sensitivities from paired lake sediment dinosterol hydrogen isotope records in the South Pacific Convergence Zone. <i>Quaternary Science Reviews</i> , 2022, 281, 107421.	1.4	4

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5327	Tree-ring cellulose oxygen isotopes indicate atmospheric aridity in the western Kunlun Mountains. <i>Ecological Indicators</i> , 2022, 137, 108776.	2.6	3
5328	Hydrogen and carbon isotope fractionation in modern plant wax n-alkanes from the Falkland Islands. <i>Organic Geochemistry</i> , 2022, 166, 104404.	0.9	2
5329	Reveal the threat of water quality risks in Yellow River Delta based on evidences from isotopic and hydrochemical analyses. <i>Marine Pollution Bulletin</i> , 2022, 177, 113532.	2.3	13
5330	Isotope and chemical studies of groundwater in the Kurobe River alluvial fan, Toyama, Japan, for the efficient utilization of groundwater heat. <i>Groundwater for Sustainable Development</i> , 2022, 17, 100756.	2.3	1
5331	Reconstructing Late Quaternary precipitation and its source on the southern Cape coast of South Africa: A multi-proxy paleoenvironmental record from Vankervelsvlei. <i>Quaternary Science Reviews</i> , 2022, 284, 107467.	1.4	11
5332	Hydroclimate and vegetation changes in southeastern Amazonia over the past ~25,000 years. <i>Quaternary Science Reviews</i> , 2022, 284, 107466.	1.4	6
5333	Hydroclimate variability in the United States continental interior during the early Eocene Climatic Optimum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 595, 110959.	1.0	4
5334	A chemical and isotopic approach to investigate groundwater dynamics in a coastal aquifer. <i>Catena</i> , 2022, 213, 106229.	2.2	2
5335	Combining hydrochemistry and hydrogen and oxygen stable isotopes to reveal the influence of human activities on surface water quality in Chaohu Lake Basin. <i>Journal of Environmental Management</i> , 2022, 312, 114933.	3.8	22
5336	Moss cellulose $^{18}\text{O}$ applied to reconstruct past changes in water balance of a boreal wetland complex, northeastern Alberta. <i>Catena</i> , 2022, 213, 106116.	2.2	3
5337	$^{18}\text{O}$ , $^2\text{H}$ , and $^3\text{H}$ isotopic data for understanding groundwater recharge and circulation systems in crystalline rocks terrain of Southeastern Brazil. <i>Journal of South American Earth Sciences</i> , 2022, 116, 103794.	0.6	2
5338	Diel variations in chemical and isotopic compositions of a stream on King George Island, Antarctica: Implications for hydrologic pathways of meltwater. <i>Science of the Total Environment</i> , 2022, 825, 153784.	3.9	2
5339	Threshold recognition for shallow groundwater recharge by precipitation using dual isotopes in a small subtropical hilly catchment. <i>Catena</i> , 2022, 213, 106186.	2.2	3
5340	Surface-subsurface hydrological processes of rainwater harvesting project in karst mountainous areas indicated by stable hydrogen and oxygen isotopes. <i>Science of the Total Environment</i> , 2022, 831, 154924.	3.9	5
5341	Storage Changes Stable Isotope Composition of Cucumbers. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	0
5342	Stable Isotope Geochemistry of the Organic Elements within Shales and Crude Oils: A Comprehensive Review. <i>Molecules</i> , 2022, 27, 34.	1.7	3
5343	Assessment of hydrogeochemistry and arsenic contamination in groundwater of Bahraich District, Uttar Pradesh, India. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	4
5344	Stable isotopes in global lakes integrate catchment and climatic controls on evaporation. <i>Nature Communications</i> , 2021, 12, 7224.	5.8	35

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5345	Relationship between Tritium Concentration, Hydrogen and Oxygen of Stable Isotope Ratios, and Major Ion Components for Monthly Precipitation in Southwestern Part of Japan. <i>Japanese Journal of Health Physics</i> , 2021, 56, 265-279.	0.1	2
5346	Investigating individual migration life histories: An isotopic case study from 17th to 18th century Nouvelle France. <i>American Journal of Biological Anthropology</i> , 2022, 177, 232-248.	0.6	2
5347	Dependence of the isotopic composition of different precipitation types on air temperature in Central Antarctica. <i>Arctic and Antarctic Research</i> , 2021, 67, 368-381.	0.1	0
5348	Impact of Indian summer monsoon in westerly dominated water resources of western Himalayas. <i>Isotopes in Environmental and Health Studies</i> , 2022, 58, 18-43.	0.5	2
5349	Seasonal and Inter-Annual Variations of Stable Isotopic Characteristics of Rainfall and Cave Water in Shennong Cave, Southeast China, and Its Paleoclimatic Implication. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
5350	The Diet of <i>Pliohippus potosinus</i> [Equidae, Mammalia] from the Late Miocene Paso del Águila Local Fauna, San Luis Potosí, México. <i>Paleontological Journal</i> , 2021, 55, 923-929.	0.2	0
5351	Using wavelet decomposition method to retrieve the solar and the global air temperature signals from Greenland, Andes and East Antarctica $\delta^{18}O$ ice core records. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20210797.	0.3	0
5352	First use of triply labelled water analysis for energy expenditure measurements in mice. <i>Scientific Reports</i> , 2022, 12, 6351.	1.6	1
5353	Investigating the palaeoenvironmental context of Late Pleistocene human dispersals into Southeast Asia: a review of stable isotope applications. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	0.7	3
5354	Spatial and seasonal patterns of water isotopes in northeastern German lakes. <i>Earth System Science Data</i> , 2022, 14, 1857-1867.	3.7	2
5355	$\delta^{18}O$ analyses of bulk lipids as novel paleoclimate tool in loess research – a pilot study. <i>E&amp;G Quaternary Science Journal</i> , 2022, 71, 83-90.	0.2	1
5357	Impacts of Riparian and Non-riparian Woody Encroachment on Tallgrass Prairie Ecohydrology. <i>Ecosystems</i> , 2023, 26, 290-301.	1.6	4
5358	Subannual-to-biannual-resolved travertine record of Asian Summer Monsoon dynamics in the early Holocene at the eastern margin of Tibetan Plateau. <i>Applied Geochemistry</i> , 2022, , 105305.	1.4	4
5359	Assessment of the changes in contributions from water sources to streamflow induced by urbanization in a small-sized catchment in Southeastern Brazil using the dual stable isotopes of water ( $^{18}O$ and $^2H$ ). <i>Environmental Monitoring and Assessment</i> , 2022, 194, 357.	1.3	0
5360	An Integrated Approach to Characterising Sulphur Karst Springs: A Case Study of the $\frac{1}{2}$ vepovnik Spring in NE Slovenia. <i>Water (Switzerland)</i> , 2022, 14, 1249.	1.2	3
5361	Local differences in paleohydrology have stronger influence on plant biomarkers than regional climate change across two Paleogene Laramide Basins, Wyoming, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 596, 110977.	1.0	2
5362	An hourly-scale assessment of sub-cloud evaporation effect on precipitation isotopes in a rainshadow oasis of northwest China. <i>Atmospheric Research</i> , 2022, 274, 106202.	1.8	10
5365	Water Chemistry and O-H-N Stable Isotopes Pattern for Tracing Contaminant Sources. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2022, , 123-149.	0.3	0

#	ARTICLE	IF	CITATIONS
5366	Region-specific performances of isotope enabled general circulation models for Indian summer monsoon and the factors controlling isotope biases. <i>Climate Dynamics</i> , 2022, 59, 3599-3619.	1.7	4
5367	Pinpointing the Geographic Origin of 165-Year-Old Human Skeletal Remains Found in Punjab, India: Evidence From Mitochondrial DNA and Stable Isotope Analysis. <i>Frontiers in Genetics</i> , 2022, 13, 813934.	1.1	4
5368	Xylem water in riparian willow trees (&lt;i>Salix alba&lt;/i>) reveals shallow sources of root water uptake by in situ monitoring of stable water isotopes. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 2073-2092.	1.9	13
5369	Variations in lead isotopes in Antarctic snow from northern Victoria Land during 2012&quot;2015. <i>Environmental Research Communications</i> , 2022, 4, 055006.	0.9	1
5370	Validation and Bias Correction of Monthly $\delta^{18}O$ Precipitation Time Series from ECHAM5-Wiso Model in Central Europe. <i>Oxygen</i> , 2022, 2, 109-124.	1.6	1
5371	Stable isotope and hydrochemical evolution of shallow groundwater in mining area of the Changzhi Basin, northern China. <i>Environmental Earth Sciences</i> , 2022, 81, .	1.3	12
5372	Transboundary shear aquifers in arid zones for sustainable development: case study Gabghaba between Egypt and Sudan. <i>Modeling Earth Systems and Environment</i> , 0, , 1.	1.9	0
5373	Foliar water uptake as a source of hydrogen and oxygen in plant biomass. <i>Tree Physiology</i> , 2022, , .	1.4	9
5374	Moisture Sources and Climatic Controls of Precipitation Stable Isotopes Over the Tibetan Plateau in Water&tagging Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	7
5375	USE OF HYDROGEN AND OXYGEN ISOTOPES TO UNDERSTAND EVAPORATION FROM ENCLOSED WATERBODIES. <i>Journal of Environmental Engineering and Landscape Management</i> , 2022, 30, 220-225.	0.4	0
5376	Hydrogeochemical delineation of the Chandra Tal: a high-altitude lake in Chandra Valley, Lahul and Spiti, Himachal Pradesh, India. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	1
5377	Hydrological Behavior of Karst Systems Identified by Statistical Analyses of Stable Isotope Monitoring Results. <i>Hydrology</i> , 2022, 9, 82.	1.3	3
5378	The input signal to a carbonate aquifer highlights recharge processes and climate evolution under temperate Atlantic conditions. <i>Hydrological Sciences Journal</i> , 2022, 67, 1238-1252.	1.2	0
5379	Modern aridity in the Altai-Sayan mountain range derived from multiple millennial proxies. <i>Scientific Reports</i> , 2022, 12, 7752.	1.6	5
5380	Triple oxygen isotope distribution in modern mammal teeth and potential geologic applications. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 331, 105-122.	1.6	7
5381	How do precipitation events modify the stable isotope ratios in leaf water at Lhasa on the southern Tibetan Plateau?. <i>Isotopes in Environmental and Health Studies</i> , 2022, 58, 229-246.	0.5	0
5382	Ice Core Records for Paleo-Volcanism, Climate, and Snow Accumulation Rates Over the Past 150 Years. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2022, , 240-259.	0.3	0
5383	Inflow of surface and groundwater to Lake Ladoga based on stable isotope ( $2H$ , $18O$ ) composition. <i>Journal of Great Lakes Research</i> , 2022, 48, 890-902.	0.8	3

#	ARTICLE	IF	CITATIONS
5384	Distinguishing the Regional Atmospheric Controls on Precipitation Isotopic Variability in the Central-Southeast Portion of Brazil. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 1693-1708.	1.9	3
5385	Hydrochemical and isotopic characterization of the Region Carbon�fera aquifer: An example of hydrogeological systems in the semi-arid climates of northeastern Mexico. <i>Applied Geochemistry</i> , 2022, 141, 105307.	1.4	1
5386	Assessing Gallo-Roman mobility at the Rue Jacques Brel necropolis site (1st to 3rd c. CE), France. <i>Journal of Archaeological Science: Reports</i> , 2022, 43, 103470.	0.2	0
5387	Late quaternary hydrological changes in the southeastern amazon basin from n-alkane molecular and isotopic records in sediments of Saci lake, Par� state (Brazil). <i>Global and Planetary Change</i> , 2022, 213, 103833.	1.6	3
5388	Long-term hydroclimate variability in the sub-tropical North Atlantic and anthropogenic impacts on lake ecosystems: A case study from Flores Island, the Azores. <i>Quaternary Science Reviews</i> , 2022, 285, 107525.	1.4	5
5389	Changes in atmospheric circulation and glacier melting since the last deglaciation revealed by a lacustrine �D record at Ngamring Co, the upper-middle Yarlung Tsangpo watershed. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 598, 111027.	1.0	4
5390	Stable isotope variability of precipitation and cave drip-water at Jumandy cave, western Amazon River basin (Ecuador). <i>Journal of Hydrology</i> , 2022, 610, 127848.	2.3	7
5391	Westerlies effect in Holocene paleoclimate records from the central Qinghai-Tibet Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 598, 111036.	1.0	5
5392	Understanding recharge mechanisms and surface water contribution to groundwater in granitic aquifers, Ghana: Insights from stable isotopes of �2H and �18O. <i>Journal of African Earth Sciences</i> , 2022, 192, 104567.	0.9	5
5393	Stable isotope ratio analysis of lactose as a possible potential geographical tracer of milk. <i>Food Control</i> , 2022, 139, 109051.	2.8	5
5394	Stable oxygen and hydrogen isotope ratios of the aufeis of the Viluy River valley. , 2022, , 1-39.	0.1	0
5395	Geomorphology and Late Cenozoic Climate Change. , 2013, , 280-317.		1
5396	Nitrate sources and its formation in precipitation during typhoons (In-fa and Chanthu) in multiple cities, East China. <i>Science of the Total Environment</i> , 2022, 838, 155949.	3.9	5
5397	New insights in Neanderthal palaeoecology using stable oxygen isotopes preserved in small mammals as palaeoclimatic tracers in Teixoneres Cave (Moi�, northeastern Iberia). <i>Archaeological and Anthropological Sciences</i> , 2022, 14, .	0.7	5
5398	Increased extreme drought events in south�central China since the last century�Evidence from oxygen isotope signatures preserved in tree ring cellulose. <i>Dendrochronologia</i> , 2022, 74, 125973.	1.0	5
5399	The Pampean region (Argentina) underwent larger variation in aridity than in temperature during the late Pleistocene: New evidence from the isotopic analysis of mammalian taxa. <i>Quaternary Science Reviews</i> , 2022, 286, 107555.	1.4	9
5400	Hydrogeology and hydrogeochemistry of the geothermal systems and its direct use application: Bal�sova-Narl�dere geothermal system, �zmir, Turkey. <i>Geothermics</i> , 2022, 104, 102461.	1.5	4
5401	Spatial and seasonal variations in groundwater chemistry in the Owasawa River alluvial fan, Northeast Japan. <i>Journal of Groundwater Hydrology</i> , 2021, 63, 279-286.	0.1	0



#	ARTICLE	IF	CITATIONS
5402	Isoscapes to address the regional precipitation trends in the equatorial region of Southeast Asia. <i>Physics and Chemistry of the Earth</i> , 2022, 127, 103159.	1.2	6
5403	Using Stable Isotopes to Assess Groundwater Recharge and Solute Transport in a Density-Driven Flow-Dominated Lake-Aquifer System. <i>Water (Switzerland)</i> , 2022, 14, 1628.	1.2	0
5404	A multi-ice-core, annual-layer-counted Greenland ice-core chronology for the last 3800 years: GICC21. <i>Climate of the Past</i> , 2022, 18, 1125-1150.	1.3	8
5405	Monthly Precipitation Collected at Hirosaki, Japan: Its Tritium Concentration and Chemical and Stable Isotope Compositions. <i>Atmosphere</i> , 2022, 13, 848.	1.0	3
5406	Episodic deposition of stalagmites in the northeastern Democratic Republic of the Congo suggests Equatorial Humid Periods during insolation maxima. <i>Quaternary Science Reviews</i> , 2022, 286, 107552.	1.4	1
5407	Characterizing the spatiotemporal dynamics of shallow soil water stable isotopic compositions on a karst hillslope in Southwestern China. <i>Journal of Hydrology</i> , 2022, 610, 127964.	2.3	5
5408	Snowpack Aging, Water Isotope Evolution, and Runoff Isotope Signals, Palouse Range, Idaho, USA. <i>Hydrology</i> , 2022, 9, 94.	1.3	6
5409	Formation mechanism of hydrogeochemical characterization of mineral water in Antu County, Changbai Mountain area. <i>Environmental Science and Pollution Research</i> , 2022, 29, 73910-73925.	2.7	3
5410	Hydrogeochemical evaluation of groundwater and surface water interactions in an alluvial plain, Southeast Brazil. <i>Land Degradation and Development</i> , 2022, 33, 2911-2931.	1.8	1
5411	Herbivore isotopic dietary ecology of the middle Miocene Maboko Formation, Kenya. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 601, 111061.	1.0	3
5412	Environmental inferences based on the dietary ecology of camelids from west-central Mexico during the Late Pleistocene. <i>Historical Biology</i> , 2023, 35, 1011-1027.	0.7	0
5413	Hydrogeochemical processes and groundwater quality of over-exploited Dupi Tila aquifer in Dhaka city, Bangladesh. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
5414	Using Stable Water Isotopes to Analyze Spatiotemporal Variability and Hydrometeorological Forcing in Mountain Valley Wetlands. <i>Water (Switzerland)</i> , 2022, 14, 1815.	1.2	1
5415	Pliocene - Early Pleistocene continental climate and vegetation in Europe based on stable isotope compositions of mammal tooth enamel. <i>Quaternary Science Reviews</i> , 2022, 288, 107572.	1.4	6
5416	A possibility of $^{18}\text{O}$ -depleted oceans in the Precambrian inferred from triple oxygen isotope of shales and oceanic crust. <i>Chemical Geology</i> , 2022, 604, 120944.	1.4	4
5418	Post-photosynthetic Carbon, Oxygen and Hydrogen Isotope Signal Transfer to Tree Rings—How Timing of Cell Formations and Turnover of Stored Carbohydrates Affect Intra-annual Isotope Variations. <i>Tree Physiology</i> , 2022, , 429-462.	0.9	7
5419	The Stable Hydrogen Isotopic Signature: From Source Water to Tree Rings. <i>Tree Physiology</i> , 2022, , 331-359.	0.9	4
5420	Environmental, Physiological and Biochemical Processes Determining the Oxygen Isotope Ratio of Tree-Ring Cellulose. <i>Tree Physiology</i> , 2022, , 311-329.	0.9	8

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5422	Isotope Dendrochronology: Historical Perspective. <i>Tree Physiology</i> , 2022, , 3-20.	0.9	1
5423	Impact of Increasing CO <sub>2</sub> , and Air Pollutants (NO <sub>x</sub> , SO <sub>2</sub> , O <sub>3</sub> ) on the Stable Isotope Ratios in Tree Rings. <i>Tree Physiology</i> , 2022, , 675-710.	0.9	1
5425	Stable Isotopes in Tree Rings of Mediterranean Forests. <i>Tree Physiology</i> , 2022, , 605-629.	0.9	3
5426	Limits and Strengths of Tree-Ring Stable Isotopes. <i>Tree Physiology</i> , 2022, , 399-428.	0.9	7
5427	Climate Signals in Stable Isotope Tree-Ring Records. <i>Tree Physiology</i> , 2022, , 537-579.	0.9	6
5428	Probing Tree Physiology Using the Dual-Isotope Approach. <i>Tree Physiology</i> , 2022, , 463-479.	0.9	3
5429	Water stable isotopes reveal a complex rainfall to groundwater connectivity in central Honduras. <i>Science of the Total Environment</i> , 2022, , 156941.	3.9	1
5430	Origin, transport, and retention of fluvial sedimentary organic matter in South Africa's largest freshwater wetland, Mkhuze Wetland System. <i>Biogeosciences</i> , 2022, 19, 2881-2902.	1.3	1
5431	Were there royal herds? Understanding herd management and mobility using isotopic characterizations of cattle tooth enamel from Early Dynastic Ur. <i>PLoS ONE</i> , 2022, 17, e0265170.	1.1	2
5432	Improving temperature reconstructions from ice-core water-isotope records. <i>Climate of the Past</i> , 2022, 18, 1321-1368.	1.3	11
5433	The NEON Daily Isotopic Composition of Environmental Exchanges Dataset. <i>Scientific Data</i> , 2022, 9, .	2.4	4
5434	Precipitation in Northeast Mexico Primarily Controlled by the Relative Warming of Atlantic SSTs. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
5435	The Isotope Composition, Nature, and Main Mechanisms of Formation of Different Types and Subtypes of Salt Lakes in Transbaikalia. <i>Russian Geology and Geophysics</i> , 2022, 63, 706-725.	0.3	0
5436	Pleistocene drivers of Northwest African hydroclimate and vegetation. <i>Nature Communications</i> , 2022, 13, .	5.8	10
5437	Hydrogeochemistry and stable hydrogen and oxygen isotope characteristics of deep limestone water in the Huainan Panxie mining area. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	0
5438	The Earth's atmosphere – A stable isotope perspective and review. <i>Applied Geochemistry</i> , 2022, 143, 105355.	1.4	6
5439	Isotopic composition and moisture sources of precipitation in midlatitude regions characterized by extratropical cyclones™ route. <i>Journal of Hydrology</i> , 2022, 612, 128047.	2.3	3
5440	Possible link between decadal variability in precipitation in the South China Sea and the North Atlantic Oscillation during the 20th century: A perspective from coral geochemical records. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 601, 111118.	1.0	3



#	ARTICLE	IF	CITATIONS
5459	Evolutionary ecology of Miocene hominoid primates in Southeast Asia. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
5460	Spatial assessment of probable recharge areas “ investigating the hydrogeological controls of an active deep-seated gravitational slope deformation. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 2219-2237.	1.5	5
5461	A multi-isotope analysis on human and pig tooth enamel from prehistoric Sichuan, China, and its archaeological implications. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, .	0.7	4
5462	Rainwater Isotopic Composition in the Ecuadorian Andes and Amazon Reflects Cross-Equatorial Flow Seasonality. <i>Water (Switzerland)</i> , 2022, 14, 2121.	1.2	2
5463	High-resolution temporal dynamics of intra-storm isotopic composition of stemflow and throughfall in a Mediterranean Scots pine forest. <i>Hydrological Processes</i> , 2022, 36, .	1.1	4
5464	Stable water isotope signals in tropical ice clouds in the West African monsoon simulated with a regional convection-permitting model. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 8863-8895.	1.9	7
5465	Investigating stable oxygen and carbon isotopic variability in speleothem records over the last millennium using multiple isotope-enabled climate models. <i>Climate of the Past</i> , 2022, 18, 1625-1654.	1.3	5
5466	Earth’s Climate History from 4.5 Billion Years to One Minute. <i>Atmosphere - Ocean</i> , 2022, 60, 188-232.	0.6	3
5467	Temporal trends of deuterium excess in global precipitation and their environmental controls under a changing climate. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 3633-3649.	0.7	3
5468	Controls on rainfall variability in the tropical South Pacific for the last 350 years reconstructed from oxygen isotopes in stalagmites from the Cook Islands. <i>Quaternary Science Reviews</i> , 2022, 289, 107633.	1.4	5
5469	Lacustrine diatom oxygen isotopes as palaeo precipitation proxy - Holocene environmental and snowmelt variations recorded at Lake Bolshoye Shchuchye, Polar Urals, Russia. <i>Quaternary Science Reviews</i> , 2022, 290, 107620.	1.4	4
5470	Tracing thermal and non-thermal water circulations in shear zones of Eastern Ghats Mobile Belt zone, Eastern India- inferences on sustainability of geothermal resources. <i>Journal of Hydrology</i> , 2022, 612, 128172.	2.3	8
5471	Tracing impact of El Niño Southern Oscillation on coastal hydrology using coral $^{87}\text{Sr}/^{86}\text{Sr}$ record from Lakshadweep, South-Eastern Arabian Sea. <i>Science of the Total Environment</i> , 2022, 843, 157035.	3.9	2
5472	The application of hydrogeochemical and stable isotope data to decipher the origin and evolution of hot springs in the Rawadanau Basin, Indonesia. <i>Geothermics</i> , 2022, 105, 102506.	1.5	1
5473	Mantle-derived fluids in the continental-scale Nubian aquifer. <i>Chemical Geology</i> , 2022, 608, 121023.	1.4	1
5474	An Analysis of Surface Water-Groundwater Interactions Based on Isotopic Data from the Kaidu River Basin, South Tianshan Mountain. <i>Water (Switzerland)</i> , 2022, 14, 2259.	1.2	3
5475	Variability in observed stable water isotopes in snowpack across a mountainous watershed in Colorado. <i>Hydrological Processes</i> , 2022, 36, .	1.1	9
5476	Inverse altitude effect disputes the theoretical foundation of stable isotope paleoaltimetry. <i>Nature Communications</i> , 2022, 13, .	5.8	13

#	ARTICLE	IF	CITATIONS
5477	The elevation gradient of stable isotopes in precipitation in the eastern margin of Tibetan Plateau. <i>Science China Earth Sciences</i> , 2022, 65, 1972-1984.	2.3	10
5478	Isotopic fingerprinting of dual monsoon moisture sources, evapotranspiration process and microclimate manifestation over the tropical rainforest region, western part of the Western Ghats, India. <i>Journal of Hydrology</i> , 2022, 612, 128239.	2.3	0
5479	Hydrochemical Characteristics and Quality Assessment of Groundwater under the Impact of Seawater Intrusion and Anthropogenic Activity in the Coastal Areas of Zhejiang and Fujian Provinces, China. <i>Lithosphere</i> , 2022, 2022, .	0.6	5
5481	Changes in the oxygen isotope composition of the Bering Sea contribution to the Arctic Ocean are an independent measure of increasing freshwater fluxes through the Bering Strait. <i>PLoS ONE</i> , 2022, 17, e0273065.	1.1	1
5482	Central Mediterranean rainfall varied with high northern latitude temperatures during the last deglaciation. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	4
5483	Shallow Quaternary groundwater in the Lake Chad basin is resilient to climate change but requires sustainable management strategy: Results of isotopic investigation. <i>Science of the Total Environment</i> , 2022, 851, 158152.	3.9	9
5484	Stable water isotope monitoring network of different water bodies in Shiyang River basin, a typical arid river in China. <i>Earth System Science Data</i> , 2022, 14, 3773-3789.	3.7	58
5485	Defining a Precipitation Stable Isotope Framework in the Wider Carpathian Region. <i>Water (Switzerland)</i> , 2022, 14, 2547.	1.2	1
5486	Biogeochemical Processes of Dissolved Nitrogen in the Backwater Zone of a Tributary in Three Gorges Reservoir, China: Implications from the Hydrologic Processes and Isotopic Tracing. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 2104-2113.	1.2	2
5487	High-Precision Calculation of the Proportions of Water with $\delta^2\text{H}$ and $\delta^{18}\text{O}$ , the Cumulative Effect of Evaporation in the Vertical Direction and Depleted $\delta^2\text{H}$ and $\delta^{18}\text{O}$ of the Shallow Soil Water Caused by Evaporation. <i>Water (Switzerland)</i> , 2022, 14, 2594.	1.2	0
5488	Diurnal Impact of Below-Cloud Evaporation on Isotope Compositions of Precipitation on the Southern Slope of the Altai Mountains, Central Asia. <i>Sustainability</i> , 2022, 14, 10013.	1.6	1
5489	Climate signals in stable carbon and hydrogen isotopes of lignin methoxy groups from southern German beech trees. <i>Climate of the Past</i> , 2022, 18, 1849-1866.	1.3	3
5490	Stable Southern Hemisphere westerly winds throughout the Holocene until intensification in the last two millennia. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	6
5491	Variability in fish and water hydrogen and oxygen stable isotope values in the nearshore region of a large water body. <i>Journal of Great Lakes Research</i> , 2022, 48, 1239-1247.	0.8	1
5492	Stable sulphur isotope ( $\delta^{34}\text{S}$ ) ratios in bird feathers from India indicate strong segregation between the Himalaya and Gangetic plain, and the rest of India. <i>Isotopes in Environmental and Health Studies</i> , 0, , 1-13.	0.5	3
5493	Applicability of d-excess and $17\text{O}$ -excess as groundwater tracers for determination of recharge area. <i>Hydrogeology Journal</i> , 2022, 30, 2027-2041.	0.9	3
5494	Surface water and groundwater interaction in the Vredefort Dome, South Africa: a stable isotope and multivariate statistical approach. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	3
5495	Orbital-scale hydroclimate variations in the southern Tibetan Plateau over the past 414,000 years. <i>Quaternary Science Reviews</i> , 2022, 291, 107658.	1.4	4

#	ARTICLE	IF	CITATIONS
5496	A $\delta^{14}\text{C}$ record of environmental change from Lake Simcoe, Canada. <i>Quaternary Science Reviews</i> , 2022, 292, 107667.	1.4	2
5497	Examining surface water $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values in the western Central Andes: A watershed moment for anthropological mobility studies. <i>Journal of Archaeological Science</i> , 2022, 146, 105655.	1.2	0
5498	Increasing intrusion of high salinity water alters the mariculture activities in Zhanjiang Bay during the past two decades identified by dual water isotopes. <i>Journal of Environmental Management</i> , 2022, 320, 115815.	3.8	18
5499	Equilibrium fractionation of triple-oxygen and hydrogen isotopes between ice and water. <i>Earth and Planetary Science Letters</i> , 2022, 595, 117753.	1.8	0
5500	Evolution of hydrogeochemistry in groundwater production fields of Kuwait – Inferences from long-term data.. <i>Chemosphere</i> , 2022, 307, 135734.	4.2	4
5501	Characterization of groundwater in the arid Zenaga plain: Hydrochemical and environmental isotopes approaches. <i>Groundwater for Sustainable Development</i> , 2022, 19, 100816.	2.3	5
5502	Assessing recharge process in plain catchments using isotopic and hydrochemical techniques. <i>Groundwater for Sustainable Development</i> , 2022, 19, 100828.	2.3	3
5503	Hydrogeochemical processes controlling the salinity of surface water and groundwater in an inland saline-alkali wetland in western Jilin, China. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
5504	Different moisture regimes during the last 150 years inferred from a tree-ring $\delta^{18}\text{O}$ network over the transitional zone of the Asian summer monsoon. <i>Journal of Hydrology</i> , 2022, 613, 128484.	2.3	2
5505	Hydrometeorological Processes and Moisture Sources in the Northeastern Tibetan Plateau: Insights from a 7-Yr Study on Precipitation Isotopes. <i>Journal of Climate</i> , 2022, 35, 2919-2931.	1.2	7
5506	Holocene hydroclimatic variations on the Tibetan Plateau: An isotopic perspective. <i>Earth-Science Reviews</i> , 2022, 233, 104169.	4.0	10
5507	Conditions of groundwater recharge in the hyperarid southern Atacama Desert. <i>Global and Planetary Change</i> , 2022, 217, 103931.	1.6	3
5508	The imprint of hydroclimate, urbanization and catchment connectivity on the stable isotope dynamics of a large river in Berlin, Germany. <i>Journal of Hydrology</i> , 2022, 613, 128335.	2.3	8
5509	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
5510	Isotope evidence for temporal and spatial variations of anthropogenic sulfate input in the Yihe River during the last decade. <i>Environmental Pollution</i> , 2022, 313, 120063.	3.7	5
5511	Hydrogen isotope measurements of bone and dental tissues from archaeological human and animal samples and their use as climatic and diet proxies. <i>Journal of Archaeological Science</i> , 2022, 147, 105676.	1.2	0
5512	Recharge variability in Australia's southeast alpine region derived from cave monitoring and modern stalagmite $\delta^{18}\text{O}$ records. <i>Quaternary Science Reviews</i> , 2022, 295, 107742.	1.4	2
5513	Impact of climatic and environmental factors on $\delta^2\text{H}$ of n-alkanes in the lake surface sediments of arid Tibet. <i>Quaternary International</i> , 2022, 637, 44-56.	0.7	0

#	ARTICLE	IF	CITATIONS
5514	Precipitation stable isotope composition, moisture sources, and controlling factors in Xi'an, Northwest China. <i>Atmospheric Research</i> , 2022, 280, 106428.	1.8	8
5515	Monitoring and Geochemical Investigations of Caves in Hungary: Implications for Climatological, Hydrological, and Speleothem Formation Processes. <i>Cave and Karst Systems of the World</i> , 2022, , 465-486.	0.1	2
5516	Stable hydrogen and oxygen isotopes reveal aperiodic non-river evaporative solute enrichment in the solute cycling of rivers in arid watersheds. <i>Science of the Total Environment</i> , 2023, 856, 159113.	3.9	7
5517	Authenticating Tibetan pork in China by tracing the species and geographical features based on stable isotopic and multi-elemental fingerprints. <i>Food Control</i> , 2023, 145, 109411.	2.8	3
5518	Model-based orbital-scale precipitation $\delta^{18}\text{O}$ variations and distinct mechanisms in Asian monsoon and arid regions. <i>National Science Review</i> , 2022, 9, .	4.6	10
5519	Dry season rainfall as a source of transpired water in a seasonal, evergreen forest in the western Amazon region inferred by water stable isotopes. <i>Frontiers in Water</i> , 0, 4, .	1.0	1
5520	Paradoxically lowered oxygen isotopes of hydrothermally altered minerals by an evolved magmatic water. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
5521	Stable isotope composition in precipitation and groundwater of Shwan Sub-Basin, Kirkuk governorate, northeast of Iraq. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 7442-7459.	1.0	3
5522	Variations of Stable Isotopes in Daily Precipitation in a Monsoon Region. <i>Water (Switzerland)</i> , 2022, 14, 2891.	1.2	6
5523	Geochemical and isotopic multi-tracing ( $\delta^{18}\text{O}$ , $\delta^2\text{H}$ , $\delta^{13}\text{C}$ , $\delta^{14}\text{C}$ ) of groundwater flow dynamics and mixing patterns in the volcanoclastic aquifer of the semiarid San Juan del R�o Basin in central Mexico. <i>Hydrogeology Journal</i> , 2022, 30, 2073-2095.	0.9	3
5524	Comparison of bulk and sequential sampling methodologies on mammoth tooth enamel and their implications in paleoenvironmental reconstructions. <i>E&amp;G Quaternary Science Journal</i> , 2022, 71, 227-241.	0.2	2
5525	Reinterpreting Precipitation Stable Water Isotope Variability in the Andean Western Cordillera Due To Sub�seasonal Moisture Source Changes and Sub�cloud Evaporation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
5526	South American Summer Monsoon variability over the last millennium in paleoclimate records and isotope-enabled climate models. <i>Climate of the Past</i> , 2022, 18, 2045-2062.	1.3	8
5527	Deep submarine infiltration of altered geothermal groundwater on the south Chilean Margin. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	0
5528	Stable isotopes of water as a tracer for revealing spatial and temporal characteristics of groundwater recharge surrounding Qinghai Lake, China. <i>Journal of Mountain Science</i> , 2022, 19, 2611-2621.	0.8	3
5529	Evaluation of geochemical processes and nitrate contamination pathways in Vailapally watershed, Telangana, India: a stable isotope perspective. <i>Sustainable Water Resources Management</i> , 2022, 8, .	1.0	0
5530	Moisture sources and spatio-temporal variation of isotopic signatures in Iraqi precipitation. <i>Environmental Earth Sciences</i> , 2022, 81, .	1.3	1
5531	Application of Stable Isotopic Compositions of Rainfall Runoff for Evaporation Estimation in Thailand Mekong River Basin. <i>Water (Switzerland)</i> , 2022, 14, 2803.	1.2	7

#	ARTICLE	IF	CITATIONS
5532	Integrating plant wax abundance and isotopes for paleo-vegetation and paleoclimate reconstructions: a multi-source mixing model using a Bayesian framework. <i>Climate of the Past</i> , 2022, 18, 2181-2210.	1.3	5
5533	An isotope, elemental, and n-alkane baseline for organic matter sources in sediments of high-altitude lakes in the Uinta Mountains, Utah, USA. <i>Journal of Paleolimnology</i> , 2023, 69, 123-139.	0.8	2
5534	Hydrogeological Control on Coalbed Methane Geochemistry in CO <sub>2</sub> /N <sub>2</sub> -Enriched Secondary Microbial Gas Areas: A Case Study in the Eastern Section of the Southern Junggar Basin, NW China. <i>Natural Resources Research</i> , 2022, 31, 3273-3302.	2.2	1
5536	High-resolution stable isotopic signals of ground ice indicate freeze-thaw history in permafrost on the northeastern Qinghai-Tibet Plateau. <i>Permafrost and Periglacial Processes</i> , 0, , .	1.5	4
5537	The Seasonality of Deuterium Excess in Non-Polar Precipitation. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	10
5538	Water use strategies of <i>Robinia pseudoacacia</i> and <i>Quercus acutissima</i> vary among seasons and planting methods. <i>Plant and Soil</i> , 2023, 483, 199-207.	1.8	2
5539	Atmosphere-Snow Exchange Explains Surface Snow Isotope Variability. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
5540	Multi-decadal to centennial scales variability in the East Asian Summer Monsoon around the 5.5 kyr B.P. climate event. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 607, 111262.	1.0	1
5541	A method for predicting hydrogen and oxygen isotope distributions across a region's river network using reach-scale environmental attributes. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 4933-4951.	1.9	1
5542	Delineation of water flow paths in a tropical Andean headwater catchment with deep soils and permeable bedrock. <i>Hydrological Processes</i> , 2022, 36, .	1.1	6
5543	Hydroclimate reconstruction through MIS 3 in the Middle Paleolithic site of Crvena Stijena (Montenegro) based on hydrogen-isotopic composition of sedimentary n-alkanes. <i>Quaternary Science Reviews</i> , 2022, 295, 107771.	1.4	3
5544	Potential aquifer mapping for cost-effective groundwater reverse osmosis desalination in arid regions using integration of hydrochemistry, environmental isotopes and GIS techniques. <i>Groundwater for Sustainable Development</i> , 2022, 19, 100853.	2.3	1
5545	Is the deuterium excess in precipitation a reliable tracer of moisture sources and water resources fate in the western Mediterranean? New insights from Apuan Alps (Italy). <i>Journal of Hydrology</i> , 2022, 614, 128497.	2.3	7
5546	The oxygen stable isotope composition of CRM 125-A UO <sub>2</sub> standard reference material. <i>Applied Geochemistry</i> , 2022, 146, 105470.	1.4	4
5547	Geographical origin classification of peanuts and processed fractions using stable isotopes. <i>Food Chemistry: X</i> , 2022, 16, 100456.	1.8	4
5548	Application of stable isotopes with machine learning techniques for identifying <i>Aconiti Lateralis Radix Praeparata</i> (Fuzi) geographical origins. <i>Microchemical Journal</i> , 2022, 183, 108002.	2.3	6
5549	Vapor Isotope Probing of Typhoons Invading the Taiwan Region in 2016. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
5550	Non-Equilibrium Fractionation Factors for D/H and <sup>18</sup> O/ <sup>16</sup> O During Oceanic Evaporation in the North-West Atlantic Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	2



#	ARTICLE	IF	CITATIONS
5551	A 230-Year Summer Precipitation Variations Recorded by Tree-Ring $\delta^{18}O$ in Heng Mountains, North China. <i>Forests</i> , 2022, 13, 1654.	0.9	3
5553	Geochemical Characteristics of Geothermal Fluids of a Deep Ancient Buried Hill in the Xionga™an New Area of China. <i>Water (Switzerland)</i> , 2022, 14, 3182.	1.2	2
5554	Decoding of groundwater recharge in deep aquifers of foreland Basins using stable isotopes ( $\delta^{18}O$ and $Tj$ ETQq0 0 0 rgBT /Overlock 10 American Earth Sciences, 2022, , 104079.	0.6	0
5555	The 8.2‰ka event in northern Spain: timing, structure and climatic impact from a multi-proxy speleothem record. <i>Climate of the Past</i> , 2022, 18, 2321-2344.	1.3	4
5556	The indian monsoon variability during the last two millennia and links to the tropical equatorial Pacific. <i>Climate Dynamics</i> , 2023, 60, 3645-3660.	1.7	1
5557	Groundwater Circulation and Origin of Salinity in a Multi-aquifer System: The Gohar-Zamin Mining Area, Iran. <i>Mine Water and the Environment</i> , 2022, 41, 996-1014.	0.9	3
5558	Canadian forest fires, Icelandic volcanoes and increased local dust observed in six shallow Greenland firn cores. <i>Climate of the Past</i> , 2022, 18, 2211-2230.	1.3	4
5560	Delineation of Hydrochemical Characteristics and Tracing Nitrate Contamination of Groundwater Based on Hydrochemical Methods and Isotope Techniques in the Northern Huangqihai Basin, China. <i>Water (Switzerland)</i> , 2022, 14, 3168.	1.2	6
5561	Seasonality of precipitation in the southwestern United States during the late Pleistocene inferred from stable isotopes in herbivore tooth enamel. <i>Quaternary Science Reviews</i> , 2022, 296, 107784.	1.4	1
5562	Diet and mobility in early medieval coastal Belgium: Challenges of interpreting multi-isotopic data. <i>Journal of Archaeological Science: Reports</i> , 2022, 46, 103680.	0.2	2
5563	Tree-ring $\delta^{2}H$ records of lignin methoxy indicate spring temperature changes since 20th century in the Qinling Mountains, China. <i>Dendrochronologia</i> , 2022, 76, 126020.	1.0	2
5564	Stable isotope modeling of the groundwater discharge in complex watersheds of the state of SÃ£o Paulo, Brazil. <i>Journal of South American Earth Sciences</i> , 2022, 120, 104063.	0.6	0
5565	Investigating the potential for Southern Hemisphere climate reconstruction using stable isotopes in Tasmanian tree rings. <i>Dendrochronologia</i> , 2022, 76, 126016.	1.0	1
5566	The ecology of modern and fossil vertebrates revisited by lithium isotopes. <i>Earth and Planetary Science Letters</i> , 2022, 599, 117840.	1.8	4
5567	A review of isotope ecohydrology in the cold regions of Western China. <i>Science of the Total Environment</i> , 2023, 857, 159438.	3.9	2
5568	The modulation of Pacific Decadal Oscillation on ENSO-East Asian summer monsoon relationship over the past half-millennium. <i>Science of the Total Environment</i> , 2023, 857, 159437.	3.9	8
5569	OcorrÃªncia natural e controles de arsÃªnico em Ãguas subterrÃneas em uma bacia semiÃrida no Altiplano Mexicano. <i>Hydrogeology Journal</i> , 2022, 30, 2459-2477.	0.9	4
5570	Monte Alban and Teotihuacan connections: can stable isotope analysis of bone and enamel detect migration between two ancient Mesoamerican urban capitals?. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, .	0.7	0

#	ARTICLE	IF	CITATIONS
5571	Seasonal and deep groundwater-surface water interactions in the tropical Middle Magdalena River basin of Colombia. <i>Hydrological Processes</i> , 2022, 36, .	1.1	2
5573	Animal tracing with sulfur isotopes: Spatial segregation and climate variability in Africa likely contribute to population trends of a migratory songbird. <i>Journal of Animal Ecology</i> , 2023, 92, 1320-1331.	1.3	5
5574	Effects of upwelling and runoff on water mass mixing and nutrient supply induced by typhoons: Insight from dual water isotopes tracing. <i>Limnology and Oceanography</i> , 2023, 68, 284-295.	1.6	19
5575	Permafrost degradation alters the environmental signals recorded in tree-ring lignin methoxy group $\delta^2\text{H}$ in northeastern China. <i>Science of the Total Environment</i> , 2023, 860, 160519.	3.9	2
5576	The effect of the seasonality of moisture sources on moisture flux and precipitation stable isotopes in the Shiyang River Basin. <i>Theoretical and Applied Climatology</i> , 2023, 151, 767-783.	1.3	3
5577	Isotope composition of daily precipitation from 2019 to 2020 in Sanming, southeastern China. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2
5578	The impact of agricultural transformation on water quality in a data-scarce, dryland landscape—a case study in the Bot River, South Africa. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	3
5579	The Spatiotemporal Variability of Snowpack and Snowmelt Water $\delta^{18}\text{O}$ and $\delta^2\text{H}$ Isotopes in a Subarctic Catchment. <i>Water Resources Research</i> , 2023, 59, .	1.7	5
5580	Holocene January paleotemperature of northwestern Siberia reconstructed based on stable isotope ratio of ice wedges. <i>Permafrost and Periglacial Processes</i> , 2023, 34, 142-165.	1.5	2
5581	Analysis of water source contributions and their impacts on hydrological structural connectivity in plain urban river network areas based on stable isotopes ( $\delta^2\text{H}$ , $\delta^{18}\text{O}$ ) Tj ETQq1 1 0.784314 rgBT /Ove		
5582	Sensitivity of northwest Australian tropical cyclone activity to ITCZ migration since 500 CE. <i>Science Advances</i> , 2023, 9, .	4.7	0
5584	Hydrochemical and environmental isotopes characteristic of groundwater and controlling factors for waters' chemical composition in the iron-copper mine area of Elazığ, SE Turkey. <i>Environmental Chemistry</i> , 2023, 19, 350-374.	0.7	2
5585	Geochemical characteristics of hydrogen, oxygen, carbon isotopes and REE of cenozoic dolomites in Well Xike 1, Xisha Islands, South China sea and the significance for dolomitization in island-reef areas. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	1
5586	Spatial variations in tap water isotopes across Canada: Tracing water from precipitation to distribution and assess regional water resources. , 2023, 2, e0000068.		2
5587	Seasonal Variations in Triple Oxygen Isotope Ratios of Precipitation in the Western and Central United States. <i>Paleoceanography and Paleoclimatology</i> , 2023, 38, .	1.3	5
5589	Effects of Agricultural Large-And Medium-Sized Reservoirs on Hydrologic Processes in the Arid Shiyang River Basin, Northwest China. <i>Water Resources Research</i> , 2023, 59, .	1.7	25
5590	Paired stable carbon and oxygen isotope analyses of human enamel for forensic human geolocation: An exploratory study. <i>Journal of Forensic Sciences</i> , 2023, 68, 382-398.	0.9	0
5591	A Snapshot on the Buildup of the Stable Water Isotopic Signal in the Upper Snowpack at EastGRIP on the Greenland Ice Sheet. <i>Journal of Geophysical Research F: Earth Surface</i> , 2023, 128, .	1.0	2

#	ARTICLE	IF	CITATIONS
5592	A comprehensive study of the parameters affecting the stable isotopes in the precipitation of the Bangkok metropolitan area using model-based statistical approaches. <i>Isotopes in Environmental and Health Studies</i> , 0, , 1-19.	0.5	1
5593	Laser ablation strontium isotopes and spatial assignment show seasonal mobility in red deer ( <i>Cervus</i> ) Tj ETQq1 1 0,784314 rgBT /Ovedle	1.1	2
5594	Quantifying the Fingerprint of Oceanic Moisture Source Conditions in Deuterium and <sup>17</sup> O Excess Parameters of Precipitation. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	5
5595	Dry season plant water sourcing in contrasting tropical ecosystems of Costa Rica. <i>Ecohydrology</i> , 2023, 16, .	1.1	6
5596	Differentiation of Geographic Origin of South African Wines from Austrian Wines by IRMS and SNIF-NMR. <i>Foods</i> , 2023, 12, 1175.	1.9	2
5597	Hydrogeochemical evolution of the shallow and deep basaltic aquifers in Tamborine Mountain, Queensland (Australia). <i>Hydrogeology Journal</i> , 0, , .	0.9	1
5598	Hydrological characteristics and water quality change in mountain river valley on Qinghai-Tibet Plateau. <i>Applied Water Science</i> , 2023, 13, .	2.8	1
5599	What Controls the Mesoscale Variations in Water Isotopic Composition Within Tropical Cyclones and Squall Lines? Cloud Resolving Model Simulations in Radiative-Convective Equilibrium. <i>Journal of Advances in Modeling Earth Systems</i> , 2023, 15, .	1.3	2
5600	Ion geochemistry of a coastal ice wedge in northwestern Canada: Contributions from marine aerosols and implications for ice-wedge paleoclimate interpretations. <i>Permafrost and Periglacial Processes</i> , 2023, 34, 180-193.	1.5	3
5601	Application of stable isotope of water and a Bayesian isotope mixing model (SIMMR) in groundwater studies: a case study of the Granvillebrook and Kingtom dumpsites. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	0
5602	Water isotopes, climate variability, and the hydrological cycle: recent advances and new frontiers. , 2023, 2, 022002.		8
5603	Simulation Experiment Study on Impacting the <sup>18</sup> O Value of Aromatic Compounds. <i>Geofluids</i> , 2023, 2023, 1-10.	0.3	0