

Melanie J Leng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7714974/publications.pdf>

Version: 2024-02-01

395
papers

18,442
citations

13865

67
h-index

26613

107
g-index

436
all docs

436
docs citations

436
times ranked

14816
citing authors

#	ARTICLE	IF	CITATIONS
1	Palaeoclimate interpretation of stable isotope data from lake sediment archives. <i>Quaternary Science Reviews</i> , 2004, 23, 811-831.	3.0	985
2	A review of coastal palaeoclimate and relative sea-level reconstructions using $\delta^{13}\text{C}$ and C/N ratios in organic material. <i>Earth-Science Reviews</i> , 2006, 75, 29-57.	9.1	817
3	North Pacific seasonality and the glaciation of North America 2.7 million years ago. <i>Nature</i> , 2005, 433, 821-825.	27.8	336
4	The tempo of Holocene climatic change in the eastern Mediterranean region: new high-resolution crater-lake sediment data from central Turkey. <i>Holocene</i> , 2001, 11, 721-736.	1.7	308
5	Stable isotope records of Late Quaternary climate and hydrology from Mediterranean lakes: the ISOMED synthesis. <i>Quaternary Science Reviews</i> , 2008, 27, 2426-2441.	3.0	279
6	Mid-Miocene cooling and the extinction of tundra in continental Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10676-10680.	7.1	241
7	Bulk organic $\delta^{13}\text{C}$ and C/N as indicators for sediment sources in the Pearl River delta and estuary, southern China. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 87, 618-630.	2.1	232
8	An inter-laboratory comparison of Si isotope reference materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 561-568.	3.0	224
9	A high-resolution late Holocene lake isotope record from Turkey and links to North Atlantic and monsoon climate. <i>Geology</i> , 2006, 34, 361.	4.4	216
10	Evidence for bias in C and N concentrations and $\delta^{13}\text{C}$ composition of terrestrial and aquatic organic materials due to pre-analysis acid preparation methods. <i>Chemical Geology</i> , 2011, 282, 67-83.	3.3	214
11	Late Pleistocene and Holocene drought events at Lake Tana, the source of the Blue Nile. <i>Global and Planetary Change</i> , 2011, 78, 147-161.	3.5	192
12	Palaeotemperatures, polar ice-volume, and isotope stratigraphy (Mg/Ca, $\delta^{18}\text{O}$, $\delta^{13}\text{C}$, $^{87}\text{Sr}/^{86}\text{Sr}$): The Early Cretaceous (Berriasian, Valanginian, Hauterivian). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 248, 391-430.	2.3	177
13	A dynamic concept for eastern Mediterranean circulation and oxygenation during sapropel formation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 190, 103-119.	2.3	170
14	A review of the oxygen isotope composition of lacustrine diatom silica for palaeoclimate reconstruction. <i>Earth-Science Reviews</i> , 2006, 75, 5-27.	9.1	158
15	Holocene climate change in the eastern Mediterranean region: a comparison of stable isotope and pollen data from Lake Gölhisar, southwest Turkey. <i>Journal of Quaternary Science</i> , 2007, 22, 327-341.	2.1	151
16	Cleaning of lake sediment samples for diatom oxygen isotope analysis. <i>Journal of Paleolimnology</i> , 2004, 31, 391-401.	1.6	148
17	A 14,000-Year Oxygen Isotope Record from Diatom Silica in Two Alpine Lakes on Mt. Kenya. <i>Science</i> , 2001, 292, 2307-2310.	12.6	142
18	Reconstruction of Holocene monsoon history from the Pearl River Estuary, southern China, using diatoms and carbon isotope ratios. <i>Holocene</i> , 2006, 16, 251-263.	1.7	137

#	ARTICLE	IF	CITATIONS
19	Osmium isotope evidence for two pulses of increased continental weathering linked to Early Jurassic volcanism and climate change. <i>Geology</i> , 2016, 44, 759-762.	4.4	137
20	Evolution of the Toarcian (Early Jurassic) carbon-cycle and global climatic controls on local sedimentary processes (Cardigan Bay Basin, UK). <i>Earth and Planetary Science Letters</i> , 2018, 484, 396-411.	4.4	129
21	Chronology and stratigraphy of Late Quaternary sediments in the Konya Basin, Turkey: Results from the KOPAL Project. <i>Quaternary Science Reviews</i> , 1999, 18, 611-630.	3.0	127
22	Quantifying climatic change through the last glacial–interglacial transition based on lake isotope palaeohydrology from central Turkey. <i>Quaternary Research</i> , 2007, 67, 463-473.	1.7	116
23	Mediterranean winter rainfall in phase with African monsoons during the past 1.36 million years. <i>Nature</i> , 2019, 573, 256-260.	27.8	111
24	Late Holocene isotope hydrology of Lake Qinghai, NE Tibetan Plateau: effective moisture variability and atmospheric circulation changes. <i>Quaternary Science Reviews</i> , 2010, 29, 2215-2223.	3.0	108
25	Astronomical constraints on the duration of the Early Jurassic Pliensbachian Stage and global climatic fluctuations. <i>Earth and Planetary Science Letters</i> , 2016, 455, 149-165.	4.4	106
26	Eastern Mediterranean hydroclimate over the late glacial and Holocene, reconstructed from the sediments of Nar lake, central Turkey, using stable isotopes and carbonate mineralogy. <i>Quaternary Science Reviews</i> , 2015, 124, 162-174.	3.0	105
27	A High-resolution diatom-inferred palaeoconductivity and lake level record of the Aral Sea for the Last 1600 yr. <i>Quaternary Research</i> , 2007, 67, 383-393.	1.7	104
28	Variability in the freshwater balance of northern Marguerite Bay, Antarctic Peninsula: Results from $\delta^{18}O$. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2008, 55, 309-322.	1.4	100
29	A new Holocene relative sea level curve for the South Shetland Islands, Antarctica. <i>Quaternary Science Reviews</i> , 2011, 30, 3152-3170.	3.0	100
30	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.	1.7	99
31	Tracing water paths through small catchments under a tropical montane rain forest in south Ecuador by an oxygen isotope approach. <i>Journal of Hydrology</i> , 2005, 308, 67-80.	5.4	99
32	ISOTOPES IN LAKE SEDIMENTS. <i>Developments in Paleoenvironmental Research</i> , 2006, , 147-184.	8.0	98
33	Silicon, oxygen and carbon isotope composition of wheat (<i>Triticum aestivum</i> L.) phytoliths: implications for palaeoecology and archaeology. <i>Journal of Quaternary Science</i> , 2008, 23, 331-339.	2.1	98
34	Tree height strongly affects estimates of water-use efficiency responses to climate and CO ₂ using isotopes. <i>Nature Communications</i> , 2017, 8, 288.	12.8	97
35	Early Holocene retreat of the George VI Ice Shelf, Antarctic Peninsula. <i>Geology</i> , 2005, 33, 173.	4.4	96
36	Orbital pacing and secular evolution of the Early Jurassic carbon cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3974-3982.	7.1	95

#	ARTICLE	IF	CITATIONS
37	CO ₂ drawdown following the middle Miocene expansion of the Antarctic Ice Sheet. <i>Paleoceanography</i> , 2013, 28, 42-53.	3.0	92
38	The use of oxygen, strontium and lead isotopes to provenance ancient glasses in the Middle East. <i>Journal of Archaeological Science</i> , 2005, 32, 665-673.	2.4	91
39	Sedimentological processes and environmental variability at Lake Ohrid (Macedonia, Albania) between 637 ka and the present. <i>Biogeosciences</i> , 2016, 13, 1179-1196.	3.3	90
40	A High-Fidelity Benthic Stable Isotope Record of Late Cretaceous–Early Eocene Climate Change and Carbon-Cycling. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 672-691.	2.9	90
41	Climate Versus In-Lake Processes as Controls on the Development of Community Structure in a Low-Arctic Lake (South-West Greenland). <i>Ecosystems</i> , 2008, 11, 307-324.	3.4	89
42	Seasonality in equatorial climate over the past 25 k.y. revealed by oxygen isotope records from Mount Kilimanjaro. <i>Geology</i> , 2011, 39, 1111-1114.	4.4	89
43	δ ¹³ C and C/N as potential coastal palaeoenvironmental indicators in the Mersey Estuary, UK. <i>Quaternary Science Reviews</i> , 2005, 24, 2015-2029.	3.0	88
44	Climate and environmental change in the Balkans over the last 17 Åka recorded in sediments from Lake Prespa (Albania/F.Y.R. of Macedonia/Greece). <i>Quaternary International</i> , 2012, 274, 122-135.	1.5	88
45	Do Ponds Cause Arsenic-Pollution of Groundwater in the Bengal Basin? An Answer from West Bengal. <i>Environmental Science & Technology</i> , 2008, 42, 5156-5164.	10.0	87
46	Evidence for bias in C/N, δ ¹³ C and δ ¹⁵ N values of bulk organic matter, and on environmental interpretation, from a lake sedimentary sequence by pre-analysis acid treatment methods. <i>Quaternary Science Reviews</i> , 2011, 30, 3076-3087.	3.0	84
47	Combined oxygen and silicon isotope analysis of biogenic silica. <i>Journal of Quaternary Science</i> , 2008, 23, 313-319.	2.1	83
48	A review of diatom δ ¹⁸ O in palaeoceanography. <i>Quaternary Science Reviews</i> , 2009, 28, 384-398.	3.0	83
49	Holocene climate and vegetation change in the Main Ethiopian Rift Valley, inferred from the composition (C/N and δ ¹³ C) of lacustrine organic matter. <i>Quaternary Science Reviews</i> , 2004, 23, 881-891.	3.0	82
50	MARINE RESOURCES IN THE MESOLITHIC AND NEOLITHIC AT THE GROTTA DELL'UZZO (SICILY): EVIDENCE FROM ISOTOPE ANALYSES OF MARINE SHELLS*. <i>Archaeometry</i> , 2007, 49, 117-133.	1.3	82
51	Inter-laboratory comparison of oxygen isotope compositions from biogenic silica. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7242-7256.	3.9	82
52	Depositional Controls On Mudstone Lithofacies In A Basinal Setting: Implications for the Delivery of Sedimentary Organic Matter. <i>Journal of Sedimentary Research</i> , 2014, 84, 198-214.	1.6	81
53	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 97-106.	1.6	80
54	Hydrological uncertainties in the modelling of cave drip-water δ ¹⁸ O and the implications for stalagmite palaeoclimate reconstructions. <i>Quaternary Science Reviews</i> , 2010, 29, 2201-2214.	3.0	80

#	ARTICLE	IF	CITATIONS
55	Snow contribution to first-year and second-year Arctic sea ice mass balance north of Svalbard. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2539-2549.	2.6	80
56	Oxygen isotopes in Molluscan shell: Applications in environmental archaeology. <i>Environmental Archaeology</i> , 2016, 21, 295-306.	1.2	76
57	Testing palaeo-environmental proxies in Jurassic belemnites: Mg/Ca, Sr/Ca, Na/Ca, $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 252, 464-480.	2.3	75
58	Isotopic signals from Callovian–Kimmeridgian (Middle–Upper Jurassic) belemnites and bulk organic carbon, Staffin Bay, Isle of Skye, Scotland. <i>Journal of the Geological Society</i> , 2009, 166, 633-641.	2.1	75
59	A new high-resolution chronology for the late Maastrichtian warming event: Establishing robust temporal links with the onset of Deccan volcanism. <i>Geology</i> , 2018, 46, 147-150.	4.4	75
60	Increased aridity during the early Holocene in West Greenland inferred from stable isotopes in laminated-lake sediments. <i>Quaternary Science Reviews</i> , 2004, 23, 841-849.	3.0	74
61	Variability of organic $\delta^{13}\text{C}$ and C/N in the Mersey Estuary, U.K. and its implications for sea-level reconstruction studies. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 64, 685-698.	2.1	74
62	Marine and terrestrial environmental changes in NW Europe preceding carbon release at the Paleocene–Eocene transition. <i>Earth and Planetary Science Letters</i> , 2012, 353-354, 108-120.	4.4	74
63	North Atlantic forcing of moisture delivery to Europe throughout the Holocene. <i>Scientific Reports</i> , 2016, 6, 24745.	3.3	74
64	Understanding past climatic and hydrological variability in the Mediterranean from Lake Prespa sediment isotope and geochemical record over the Last Glacial cycle. <i>Quaternary Science Reviews</i> , 2013, 66, 123-136.	3.0	73
65	A Review of the Stable Isotope Bio-geochemistry of the Global Silicon Cycle and Its Associated Trace Elements. <i>Frontiers in Earth Science</i> , 2018, 5, .	1.8	73
66	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 22, 187-204.	1.6	72
67	Late Quaternary vegetation dynamics in a biodiversity hotspot, the Uluguru Mountains of Tanzania. <i>Quaternary Research</i> , 2009, 72, 111-122.	1.7	72
68	Diatom silicon isotopes as a proxy for silicic acid utilisation: A Southern Ocean core top calibration. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 96, 174-192.	3.9	72
69	Circulation changes and nutrient concentrations in the late Quaternary Aegean Sea: A nonsteady state concept for sapropel formation. <i>Paleoceanography</i> , 2002, 17, 14-1-14-11.	3.0	71
70	A 9000-year oxygen and carbon isotope record of hydrological change in a small Ethiopian crater lake. <i>Holocene</i> , 2000, 10, 167-177.	1.7	70
71	Late glacial and Holocene environmental change in the Lake Baikal region documented by oxygen isotopes from diatom silica. <i>Global and Planetary Change</i> , 2005, 46, 221-233.	3.5	70
72	Stable oxygen and hydrogen isotopes in sub-Arctic lake waters from northern Sweden. <i>Journal of Hydrology</i> , 2009, 376, 143-151.	5.4	70

#	ARTICLE	IF	CITATIONS
73	British Ice Sheet dynamics inferred from North Atlantic ice-rafted debris records spanning the last 175,000 years. <i>Journal of Quaternary Science</i> , 2010, 25, 461-482.	2.1	70
74	Analysis of the climate signal contained within $\delta^{18}O$ and growth rate parameters in two Ethiopian stalagmites. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2975-2988.	3.9	69
75	The Freshwater System West of the Antarctic Peninsula: Spatial and Temporal Changes. <i>Journal of Climate</i> , 2013, 26, 1669-1684.	3.2	68
76	A Late Glacial to Holocene record of environmental change from Lake Dojran (Macedonia, Greece). <i>Climate of the Past</i> , 2013, 9, 481-498.	3.4	67
77	An early Cambrian greenhouse climate. <i>Science Advances</i> , 2018, 4, eaar5690.	10.3	67
78	Bulk organic $\delta^{13}C$ and C/N ratios as palaeosalinity indicators within a Scottish isolation basin. <i>Journal of Quaternary Science</i> , 2005, 20, 303-312.	2.1	66
79	A combined oxygen and silicon diatom isotope record of Late Quaternary change in Lake El'gygytyn, North East Siberia. <i>Quaternary Science Reviews</i> , 2010, 29, 774-786.	3.0	66
80	Clumped isotope composition of cold-water corals: A role for vital effects?. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 179, 123-141.	3.9	66
81	Holocene climate of the Kola Peninsula; evidence from the oxygen isotope record of diatom silica. <i>Quaternary Science Reviews</i> , 2004, 23, 833-839.	3.0	65
82	Putting the rise of the Inca Empire within a climatic and land management context. <i>Climate of the Past</i> , 2009, 5, 375-388.	3.4	65
83	Holocene El Niño–Southern Oscillation variability reflected in subtropical Australian precipitation. <i>Scientific Reports</i> , 2019, 9, 1627.	3.3	65
84	The SCOPSCO drilling project recovers more than 1.2 million years of history from Lake Ohrid. <i>Scientific Drilling</i> , 0, 17, 19-29.	0.6	63
85	Plants and Soil Microbes Respond to Recent Warming on the Antarctic Peninsula. <i>Current Biology</i> , 2013, 23, 1702-1706.	3.9	62
86	Isotopic and palynological evidence for a new Early Jurassic environmental perturbation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 374, 16-27.	2.3	62
87	Extreme warming of tropical waters during the Paleocene–Eocene Thermal Maximum. <i>Geology</i> , 2014, 42, 739-742.	4.4	62
88	Oxygen isotope analysis of diatom silica and authigenic calcite from Lake Pinarbasi, Turkey. <i>Journal of Paleolimnology</i> , 2001, 25, 343-349.	1.6	61
89	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 325-343.	1.6	60
90	Isotopic variation in modern lake waters from western Greenland. <i>Holocene</i> , 2003, 13, 605-611.	1.7	60

#	ARTICLE	IF	CITATIONS
91	Changes in the freshwater composition of the upper ocean west of the Antarctic Peninsula during the first decade of the 21st century. <i>Progress in Oceanography</i> , 2010, 87, 127-143.	3.2	60
92	Late Quaternary palaeoenvironmental reconstruction from Lakes Ohrid and Prespa (Macedonia/Albania border) using stable isotopes. <i>Biogeosciences</i> , 2010, 7, 3109-3122.	3.3	60
93	Stuck to the shore? Investigating prehistoric hunter-gatherer subsistence, mobility and territoriality in a Mediterranean coastal landscape through isotope analyses on marine mollusc shell carbonates and human bone collagen. <i>Quaternary International</i> , 2011, 244, 88-104.	1.5	60
94	New insights on Late Quaternary Asian palaeomonsoon variability and the timing of the Last Glacial Maximum in southwestern China. <i>Quaternary Science Reviews</i> , 2011, 30, 808-820.	3.0	60
95	Late Pleistocene tephrochronology of marine sediments adjacent to Montserrat, Lesser Antilles volcanic arc. <i>Journal of the Geological Society</i> , 2008, 165, 279-289.	2.1	60
96	Geochemistry of the acid Kawah Putih lake, Patuha Volcano, West Java, Indonesia. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 97, 77-104.	2.1	59
97	Shell growth and oxygen isotopes in the topshell <i>Osilinus turbinatus</i> : resolving past inshore sea surface temperatures. <i>Geo-Marine Letters</i> , 2008, 28, 309-325.	1.1	59
98	Are beds in shelf carbonates millennial-scale cycles? An example from the mid-Carboniferous of northern England. <i>Sedimentary Geology</i> , 2009, 214, 19-34.	2.1	59
99	Climate variability over the last 92 ka in SW Balkans from analysis of sediments from Lake Prespa. <i>Climate of the Past</i> , 2014, 10, 643-660.	3.4	59
100	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.	1.6	58
101	Long and short-term change in the Páitzcuaro Basin, central Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 247, 272-295.	2.3	58
102	The Potential use of Silicon Isotope Composition of Biogenic Silica as a Proxy for Environmental Change. <i>Silicon</i> , 2009, 1, 65-77.	3.3	58
103	Aquatic ecosystem responses to Holocene climate change and biome development in boreal, central Asia. <i>Quaternary Science Reviews</i> , 2012, 41, 119-131.	3.0	58
104	Glacial discharge along the west Antarctic Peninsula during the Holocene. <i>Nature Geoscience</i> , 2013, 6, 199-202.	12.9	58
105	A tale of two lakes: a multi-proxy comparison of Lateglacial and Holocene environmental change in Cappadocia, Turkey. <i>Journal of Quaternary Science</i> , 2016, 31, 348-362.	2.1	58
106	Sedimentary records of sewage pollution using faecal markers in contrasting peri-urban shallow lakes. <i>Science of the Total Environment</i> , 2010, 409, 345-356.	8.0	57
107	Orbital forcing of glacial/interglacial variations in chemical weathering and silicon cycling within the upper White Nile basin, East Africa: Stable-isotope and biomarker evidence from Lakes Victoria and Edward. <i>Quaternary Science Reviews</i> , 2015, 130, 57-71.	3.0	57
108	Oceanic and atmospheric forcing of early Holocene ice shelf retreat, George VI Ice Shelf, Antarctica Peninsula. <i>Quaternary Science Reviews</i> , 2007, 26, 500-516.	3.0	56

#	ARTICLE	IF	CITATIONS
109	A study of sclerochronology by laser ablation ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 1143-1148.	3.0	54
110	A new approach to detecting vegetation and land-use Change using high-resolution lipid biomarker records in stalagmites. <i>Quaternary Research</i> , 2007, 68, 314-324.	1.7	54
111	The Paleocene–Eocene Thermal Maximum record in the organic matter of the Claret and Tendruey continental sections (South-central Pyrenees, Lleida, Spain). <i>Earth and Planetary Science Letters</i> , 2009, 281, 226-237.	4.4	54
112	Pliocene climate and seasonality in North Atlantic shelf seas. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 85-108.	3.4	54
113	Changing distributions of sea ice melt and meteoric water west of the Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 139, 40-57.	1.4	54
114	Human settlement of East Polynesia earlier, incremental, and coincident with prolonged South Pacific drought. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8813-8819.	7.1	54
115	Is there an isotopic signature of the Anthropocene?. <i>Infrastructure Asset Management</i> , 2014, 1, 276-287.	1.6	53
116	Limnology of Two Antarctic Epishelf Lakes and their Potential to Record Periods of Ice Shelf Loss. <i>Journal of Paleolimnology</i> , 2006, 35, 373-394.	1.6	52
117	Oxygen isotopes in tree rings show good coherence between species and sites in Bolivia. <i>Global and Planetary Change</i> , 2015, 133, 298-308.	3.5	52
118	The Tambien Group, Ethiopia: An early Cryogenian (ca. 800–735Ma) Neoproterozoic sequence in the Arabian–Nubian Shield. <i>Precambrian Research</i> , 2006, 147, 79-99.	2.7	51
119	Abrupt Holocene climate change and potential response to solar forcing in western Canada. <i>Quaternary Science Reviews</i> , 2011, 30, 1243-1255.	3.0	51
120	Alluvial fan records from southeast Arabia reveal multiple windows for human dispersal. <i>Geology</i> , 2015, 43, 295-298.	4.4	51
121	Diatom $\delta^{18}\text{O}$ evidence for the development of the modern halocline system in the subarctic northwest Pacific at the onset of major Northern Hemisphere glaciation. <i>Paleoceanography</i> , 2006, 21, n/a-n/a.	3.0	50
122	Oxygen and carbon isotope composition of authigenic carbonate from an Ethiopian lake: a climate record of the last 2000 years. <i>Holocene</i> , 2007, 17, 517-526.	1.7	50
123	Unravelling contamination signals in biogenic silica oxygen isotope composition: the role of major and trace element geochemistry. <i>Journal of Quaternary Science</i> , 2008, 23, 321-330.	2.1	50
124	A reassessment of late glacial – Holocene diatom oxygen isotope record from Lake Baikal using a geochemical mass-balance approach. <i>Journal of Quaternary Science</i> , 2011, 26, 627-634.	2.1	50
125	Climatic change in Central Asia during MIS 3/2: a case study using biological responses from Lake Baikal. <i>Global and Planetary Change</i> , 2005, 46, 235-253.	3.5	49
126	A refined chronology for the Cambrian succession of southern Britain. <i>Journal of the Geological Society</i> , 2011, 168, 705-716.	2.1	49

#	ARTICLE	IF	CITATIONS
127	A multi-proxy analysis of the Holocene humid phase from the United Arab Emirates and its implications for southeast Arabia's Neolithic populations. <i>Quaternary International</i> , 2015, 382, 277-292.	1.5	49
128	Interpreting stable-isotope records from freshwater snail-shell carbonate: a Holocene case study from Lake Çatalhisar, Turkey. <i>Holocene</i> , 2002, 12, 629-634.	1.7	48
129	Stable isotope analysis of the Cenomanian–Turonian (Late Cretaceous) oceanic anoxic event in the Crimea. <i>Cretaceous Research</i> , 2005, 26, 853-863.	1.4	48
130	The Cretaceous–Palaeogene boundary succession at Stevns Klint, Denmark: Foraminifers and stable isotope stratigraphy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 224, 6-26.	2.3	47
131	Climatic change in northern Ethiopia during the past 17,000 years: A diatom and stable isotope record from Lake Ashenge. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 279, 114-127.	2.3	47
132	An early MIS 3 pluvial phase in Southeast Arabia: Climatic and archaeological implications. <i>Quaternary International</i> , 2013, 300, 62-74.	1.5	47
133	Evaluation of ostracod-based palaeoenvironmental reconstruction with instrumental data from the arid Faiyum Depression, Egypt. <i>Journal of Paleolimnology</i> , 2007, 38, 261-283.	1.6	46
134	How cold were the Early Permian glacial tropics? Testing sea-surface temperature using the oxygen isotope composition of rigorously screened brachiopod shells. <i>Journal of the Geological Society</i> , 2009, 166, 933-945.	2.1	46
135	Silicon isotopes in Antarctic sponges: an interlaboratory comparison. <i>Antarctic Science</i> , 2011, 23, 34-42.	0.9	46
136	Mid-Holocene variability of the East Asian monsoon based on bulk organic $\delta^{13}\text{C}$ and C/N records from the Pearl River estuary, southern China. <i>Holocene</i> , 2012, 22, 705-715.	1.7	46
137	A high-resolution multi-proxy stalagmite record from Mechara, Southeastern Ethiopia: palaeohydrological implications for speleothem palaeoclimate reconstruction. <i>Journal of Quaternary Science</i> , 2007, 22, 53-63.	2.1	45
138	Calibration of speleothem $\delta^{18}\text{O}$ with instrumental climate records from Turkey. <i>Global and Planetary Change</i> , 2010, 71, 207-217.	3.5	44
139	The Furongian (late Cambrian) Steptoean Positive Carbon Isotope Excursion (SPICE) in Avalonia. <i>Journal of the Geological Society</i> , 2011, 168, 851-862.	2.1	44
140	Carbon and oxygen isotope variations within the shell of an African land snail (<i>Limicolaria kambeul</i>). <i>Journal of Quaternary Science</i> , 2011, 26, 1089-1099.	1.7	43
141	Towards an understanding of late Quaternary variations in the continental biogeochemical cycle of silicon: multi-isotope and sediment flux data for Lake Rutundu, Mt Kenya, East Africa, since 38 ka BP. <i>Journal of Quaternary Science</i> , 2008, 23, 375-387.	2.1	43
142	Evidence for bias in measured $\delta^{15}\text{N}$ values of terrestrial and aquatic organic materials due to pre-analysis acid treatment methods. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1089-1099.	1.5	43
143	Sedimentary transport and fate of polycyclic aromatic hydrocarbons (PAH) from managed burning of moorland vegetation on a blanket peat, South Yorkshire, UK. <i>Science of the Total Environment</i> , 2013, 449, 81-94.	8.0	43
144	A high-resolution Late Glacial to Holocene record of environmental change in the Mediterranean from Lake Ohrid (Macedonia/Albania). <i>International Journal of Earth Sciences</i> , 2015, 104, 1623-1638.	1.8	43

#	ARTICLE	IF	CITATIONS
145	The environmental and evolutionary history of Lake Ohrid (FYROM/Albania): interim results from the SCOPSCO deep drilling project. <i>Biogeosciences</i> , 2017, 14, 2033-2054.	3.3	43
146	Tracer-derived freshwater composition of the Siberian continental shelf and slope following the extreme Arctic summer of 2007. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	42
147	The recent palaeoecology and conservation status of Balkan Lake Dojran. <i>Biological Conservation</i> , 2002, 104, 35-49.	4.1	41
148	Palaeo-seasonality of the last two millennia reconstructed from the oxygen isotope composition of carbonates and diatom silica from Nar Çâġlġġ, central Turkey. <i>Quaternary Science Reviews</i> , 2013, 66, 35-44.	3.0	41
149	Carbon cycling within an East African lake revealed by the carbon isotope composition of diatom silica: a 25-ka record from Lake Challa, Mt. Kilimanjaro. <i>Quaternary Science Reviews</i> , 2013, 66, 55-63.	3.0	41
150	The Valanginian positive carbon isotope event in Arctic Russia: Evidence from terrestrial and marine isotope records and implications for global carbon cycling. <i>Cretaceous Research</i> , 2010, 31, 577-592.	1.4	40
151	Late Quaternary environmental changes in Marguerite Bay, Antarctic Peninsula, inferred from lake sediments and raised beaches. <i>Quaternary Science Reviews</i> , 2013, 68, 216-236.	3.0	40
152	Closure of the Bering Strait caused Mid-Pleistocene Transition cooling. <i>Nature Communications</i> , 2018, 9, 5386.	12.8	40
153	Reappraisal of the K&T boundary succession at Stevns Klint, Denmark. <i>Journal of the Geological Society</i> , 2004, 161, 885-892.	2.1	39
154	Century-to-millennial scale climatic variability in Lake Malawi revealed by isotope records. <i>Earth and Planetary Science Letters</i> , 2007, 261, 93-103.	4.4	39
155	Isotope offsets in marine diatom $\delta^{18}O$ over the last 200 ka. <i>Journal of Quaternary Science</i> , 2008, 23, 389-400.	2.1	39
156	Assessment of $\delta^{13}C$ and C/N ratios in bulk organic matter as palaeosalinity indicators in Holocene and Lateglacial isolation basin sediments, northwest Scotland. <i>Journal of Quaternary Science</i> , 2007, 22, 579-591.	2.1	37
157	Reconstructing past atmospheric circulation changes using oxygen isotopes in lake sediments from Sweden. <i>Climate of the Past</i> , 2010, 6, 49-62.	3.4	37
158	Detrital carbonate influences on bulk oxygen and carbon isotope composition of lacustrine sediments from the Mediterranean. <i>Global and Planetary Change</i> , 2010, 71, 175-182.	3.5	37
159	Climatic and non-climatic effects on the $\delta^{18}O$ and $\delta^{13}C$ compositions of Lake Awassa, Ethiopia, during the last 6.5ka. <i>Quaternary Science Reviews</i> , 2002, 21, 2199-2211.	3.0	36
160	Exploring former subglacial Hodgson Lake, Antarctica. Paper II: palaeolimnology. <i>Quaternary Science Reviews</i> , 2009, 28, 2310-2325.	3.0	36
161	Environmental change over the last millennium recorded in two contrasting crater lakes in western Uganda, eastern Africa (Lakes Kasenda and Wandakara). <i>Quaternary Science Reviews</i> , 2011, 30, 555-569.	3.0	36
162	Lake ecosystem dynamics and links to climate change inferred from a stable isotope and organic palaeorecord from a mountain lake in southwestern China (ca. 22.6&10.5 cal ka BP). <i>Quaternary Research</i> , 2012, 77, 132-137.	1.7	36

#	ARTICLE	IF	CITATIONS
163	Influence of the ratio of planktonic to benthic diatoms on lacustrine organic matter $\delta^{13}\text{C}$ from Erlongwan maar lake, northeast China. <i>Organic Geochemistry</i> , 2013, 54, 62-68.	1.8	36
164	A comparison of the palaeoclimate signals from diatom oxygen isotope ratios and carbonate oxygen isotope ratios from a low latitude crater lake. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 223, 290-302.	2.3	35
165	Magnitude and profile of organic carbon isotope records from the Paleocene–Eocene Thermal Maximum: Evidence from northern Spain. <i>Earth and Planetary Science Letters</i> , 2013, 376, 220-230.	4.4	35
166	Pliocene–Pleistocene evolution of sea surface and intermediate water temperatures from the southwest Pacific. <i>Paleoceanography</i> , 2016, 31, 895-913.	3.0	35
167	Holocene atmospheric circulation in the central North Pacific: A new terrestrial diatom and $\delta^{18}\text{O}$ dataset from the Aleutian Islands. <i>Quaternary Science Reviews</i> , 2018, 194, 27-38.	3.0	35
168	Investigating Late Holocene Climate Variability in Central Mexico using Carbon Isotope Ratios in Organic Materials and Oxygen Isotope Ratios from Diatom Silica within Lacustrine Sediments. <i>Journal of Paleolimnology</i> , 2005, 34, 413-431.	1.6	34
169	Diatom oxygen isotopes: Evidence of a species effect in the sediment record. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	34
170	A geological constraint on relative sea level in Marine Isotope Stage 3 in the Larsemann Hills, Lambert Glacier region, East Antarctica ($31 \pm 366 \pm 33 \pm 228$ calyrBP). <i>Quaternary Science Reviews</i> , 2009, 28, 2689-2696.	3.0	34
171	Evolution of Paleocene to Early Eocene larger benthic foraminifer assemblages of the Indus Basin, Pakistan. <i>Lethaia</i> , 2011, 44, 299-320.	1.4	34
172	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.	2.3	34
173	Limnological controls on stable isotope records of late-Holocene palaeoenvironment change in SW Greenland: a paired lake study. <i>Quaternary Science Reviews</i> , 2013, 66, 85-95.	3.0	34
174	Comparisons of observed and modelled lake $\delta^{18}\text{O}$ variability. <i>Quaternary Science Reviews</i> , 2016, 131, 329-340.	3.0	34
175	Palaeoenvironmental reconstruction of the alluvial landscape of Neolithic ≈ 74 k, central southern Turkey: The implications for early agriculture and responses to environmental change. <i>Journal of Archaeological Science</i> , 2017, 87, 30-43.	2.4	34
176	The biogeochemical impact of glacial meltwater from Southwest Greenland. <i>Progress in Oceanography</i> , 2019, 176, 102126.	3.2	34
177	Last Glacial Maximum environmental conditions at Andøya, northern Norway: evidence for a northern ice-edge ecological ‘hotspot’. <i>Quaternary Science Reviews</i> , 2020, 239, 106364.	3.0	34
178	The origins of carbonatites and related rocks from the Grønnedal–Åka Nepheline Syenite complex, South Greenland: C-O-Sr isotope evidence. <i>Mineralogical Magazine</i> , 1997, 61, 515-529.	1.4	33
179	Using stable isotopes of water to infer wetland hydrological dynamics. <i>Hydrology and Earth System Sciences</i> , 2004, 8, 1164-1173.	4.9	33
180	Exploring former subglacial Hodgson Lake, Antarctica Paper I: site description, geomorphology and limnology. <i>Quaternary Science Reviews</i> , 2009, 28, 2295-2309.	3.0	33

#	ARTICLE	IF	CITATIONS
181	Northern Mediterranean climate since the Middle Pleistocene: a 637 ka stable isotope record from Lake Ohrid (Albania/Macedonia). <i>Biogeosciences</i> , 2016, 13, 1801-1820.	3.3	33
182	Scientific drilling projects in ancient lakes: Integrating geological and biological histories. <i>Global and Planetary Change</i> , 2016, 143, 118-151.	3.5	33
183	An experimental evaluation of the use of $\delta^{13}\text{C}$ as a proxy for palaeoatmospheric CO_2 . <i>Geochimica Et Cosmochimica Acta</i> , 2019, 247, 162-174.	3.9	33
184	Carbonatites and lamprophyres of the Gardar Province – a “window” to the sub-Gardar mantle?. <i>Mineralogical Magazine</i> , 2003, 67, 855-872.	1.4	32
185	Evidence that Early Carboniferous ostracods colonised coastal flood plain brackish water environments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 230, 299-318.	2.3	32
186	Seasonality and the isotope hydrology of Lochnagar, a Scottish mountain lake: implications for palaeoclimate research. <i>Holocene</i> , 2007, 17, 717-727.	1.7	32
187	Recent advances in isotopes as palaeolimnological proxies. <i>Journal of Paleolimnology</i> , 2013, 49, 481-496.	1.6	32
188	Synoptic scale controls on the $\delta^{18}\text{O}$ in precipitation across Beringia. <i>Geophysical Research Letters</i> , 2015, 42, 4608-4616.	4.0	32
189	Tracking the hydro-climatic signal from lake to sediment: A field study from central Turkey. <i>Journal of Hydrology</i> , 2015, 529, 608-621.	5.4	32
190	Hydroclimate changes in eastern Africa over the past 200,000 years may have influenced early human dispersal. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	32
191	Paleocene/Eocene carbon feedbacks triggered by volcanic activity. <i>Nature Communications</i> , 2021, 12, 5186.	12.8	32
192	How U-Pb detrital monazite ages contribute to the interpretation of the Pennine Basin infill. <i>Journal of the Geological Society</i> , 2001, 158, 741-744.	2.1	31
193	Lacustrine evidence of Holocene environmental change from three Faroese lakes: a multiproxy XRF and stable isotope study. <i>Quaternary Science Reviews</i> , 2010, 29, 2764-2780.	3.0	31
194	Dynamic response of the shallow marine benthic ecosystem to regional and pan-Tethyan environmental change at the Paleocene–Eocene boundary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 309, 141-160.	2.3	31
195	The prospectivity of a potential shale gas play: An example from the southern Pennine Basin (central) $\text{Tj ETQq1 1 0.784314 rgBT / Overlo}$	3.3	31
196	Sediment residence time reveals Holocene shift from climatic to vegetation control on catchment erosion in the Balkans. <i>Global and Planetary Change</i> , 2019, 177, 186-200.	3.5	31
197	Evidence for carbonate platform failure during rapid sea-level rise; ca 14,000-year old bioclastic flow deposits in the Lesser Antilles. <i>Sedimentology</i> , 2010, 57, 735-759.	3.1	30
198	Late Quaternary environmental and climate history of Rauer Group, East Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 201-213.	2.3	30

#	ARTICLE	IF	CITATIONS
199	Coupled climate and subarctic Pacific nutrient upwelling over the last 850,000 years. <i>Earth and Planetary Science Letters</i> , 2019, 522, 87-97.	4.4	29
200	Chemical and isotopic composition of modern water bodies in the Lake Kopais Basin, central Greece: analogues for the interpretation of the lacustrine sedimentary sequence. <i>Sedimentary Geology</i> , 2002, 148, 79-103.	2.1	28
201	North Atlantic region atmospheric circulation dynamics inferred from a late-Holocene lacustrine carbonate isotope record, northern Swedish Lapland. <i>Holocene</i> , 2007, 17, 867-873.	1.7	28
202	Oxygen-isotope ($\delta^{18}O$) evidence of Holocene hydrological changes at Signy Island, maritime Antarctica. <i>Holocene</i> , 2003, 13, 251-263.	1.7	27
203	Oxygen isotope ratios of sedimentary biogenic silica reflect the European transcontinental climate gradient. <i>Journal of Quaternary Science</i> , 2008, 23, 341-350.	2.1	27
204	Recent palaeolimnological change recorded in Lake Xiaolongwan, northeast China: Climatic versus anthropogenic forcing. <i>Quaternary International</i> , 2013, 290-291, 322-334.	1.5	27
205	What drives interannual variation in tree ring oxygen isotopes in the Amazon?. <i>Geophysical Research Letters</i> , 2016, 43, 11,831.	4.0	27
206	Groundwater Quality beneath an Asian Megacity on a Delta: Kolkata's (Calcutta's) Disappearing Arsenic and Present Manganese. <i>Environmental Science & Technology</i> , 2018, 52, 5161-5172.	10.0	27
207	Middle-late Quaternary palaeoclimate variability from lake and wetland deposits in the Nefud Desert, Northern Arabia. <i>Quaternary Science Reviews</i> , 2018, 202, 78-97.	3.0	27
208	Environmental monitoring in the Mechara caves, Southeastern Ethiopia: implications for speleothem palaeoclimate studies. <i>International Journal of Speleology</i> , 2008, 37, 207-220.	1.0	27
209	Reconstructing hydrological variability in Lake Baikal during MIS 11: an application of oxygen isotope analysis of diatom silica. <i>Journal of Quaternary Science</i> , 2008, 23, 365-374.	2.1	26
210	Ecosystem Resilience and Threshold Response in the Galápagos Coastal Zone. <i>PLoS ONE</i> , 2011, 6, e22376.	2.5	26
211	Timing, origin and emplacement dynamics of mass flows offshore of SE Montserrat in the last 110 ka: Implications for landslide and tsunami hazards, eruption history, and volcanic island evolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 385-406.	2.5	26
212	Aligning and synchronization of MIS5 proxy records from Lake Ohrid (FYROM) with independently dated Mediterranean archives: implications for DEEP core chronology. <i>Biogeosciences</i> , 2016, 13, 2757-2768.	3.3	26
213	Historical atmospheric pollution trends in Southeast Asia inferred from lake sediment records. <i>Environmental Pollution</i> , 2018, 235, 907-917.	7.5	26
214	Lake Baikal isotope records of Holocene Central Asian precipitation. <i>Quaternary Science Reviews</i> , 2018, 189, 210-222.	3.0	26
215	Development of a southern hemisphere subtropical wetland (Welsby Lagoon, south-east Queensland,) <i>TJ ETQq1 1 0.784314, ggBT /Over</i>	3.0	26
216	Dynamics of sediment flux to a bathyal continental margin section through the Paleocene-Eocene Thermal Maximum. <i>Climate of the Past</i> , 2018, 14, 1035-1049.	3.4	26

#	ARTICLE	IF	CITATIONS
217	East African lake evidence for Pliocene millennial-scale climate variability. <i>Geology</i> , 2014, 42, 955-958.	4.4	25
218	Enhanced glacial discharge from the eastern Antarctic Peninsula since the 1700s associated with a positive Southern Annular Mode. <i>Scientific Reports</i> , 2019, 9, 14606.	3.3	25
219	Oceanic, atmospheric and ice-sheet forcing of South East Atlantic Ocean productivity and South African monsoon intensity during MIS-12 to 10. <i>Quaternary Science Reviews</i> , 2010, 29, 3936-3947.	3.0	24
220	Diagenesis of fossil ostracods: Implications for stable isotope based palaeoenvironmental reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 305, 150-161.	2.3	24
221	Insights into the evolution of the young Lake Ohrid ecosystem and vegetation succession from a southern European refugium during the Early Pleistocene. <i>Quaternary Science Reviews</i> , 2020, 227, 106044.	3.0	24
222	A geochemical method for removing the effect of tephra on lake diatom oxygen isotope records. <i>Journal of Paleolimnology</i> , 2007, 37, 499-516.	1.6	23
223	Sea ice extent and seasonality for the Early Pliocene northern Weddell Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 292, 306-318.	2.3	23
224	A 500 yr speleothem-derived reconstruction of late autumn–winter precipitation, northeast Turkey. <i>Quaternary Research</i> , 2011, 75, 399-405.	1.7	23
225	Environmental change during MIS4 and MIS 3 opened corridors in the Horn of Africa for <i>Homo sapiens</i> expansion. <i>Quaternary Science Reviews</i> , 2018, 202, 139-153.	3.0	23
226	Deep drilling reveals massive shifts in evolutionary dynamics after formation of ancient ecosystem. <i>Science Advances</i> , 2020, 6, .	10.3	23
227	Evaluating socio-economic change in the Andes using oribatid mite abundances as indicators of domestic animal densities. <i>Journal of Archaeological Science</i> , 2007, 34, 1178-1186.	2.4	22
228	The effects of organic removal treatment on the integrity of $\delta^{18}\text{O}$ measurements from biogenic silica. <i>Journal of Paleolimnology</i> , 2007, 37, 491-497.	1.6	22
229	Late Holocene climate change in central Sweden inferred from lacustrine stable isotope data. <i>Journal of Quaternary Science</i> , 2010, 25, 1305-1316.	2.1	22
230	Atlantic overturning circulation and Agulhas leakage influences on southeast Atlantic upper ocean hydrography during marine isotope stage 11. <i>Paleoceanography</i> , 2010, 25, .	3.0	22
231	Heterogeneity, cyclicity and diagenesis in a Mississippian brachiopod shell of palaeoequatorial Britain. <i>Terra Nova</i> , 2012, 24, 16-26.	2.1	22
232	Seasonally resolved diatom $\delta^{18}\text{O}$ records from the West Antarctic Peninsula over the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2013, 364, 12-23.	4.4	22
233	Multi-proxy study of Holocene environmental change and human activity in the Central Apennine Mountains, Italy. <i>Journal of Quaternary Science</i> , 2013, 28, 71-82.	2.1	22
234	Reconstructing the environmental conditions around the Silurian Ireviken Event using the carbon isotope composition of bulk and palynomorph organic matter. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 86-101.	2.5	22

#	ARTICLE	IF	CITATIONS
235	Antarctic Intermediate Water properties since 400 ka recorded in infaunal (<i>Uvigerina peregrina</i>) and epifaunal (<i>Planulina wuellerstorfi</i>) benthic foraminifera. <i>Earth and Planetary Science Letters</i> , 2015, 428, 193-203.	4.4	22
236	Nd and Sr isotopes as clastic provenance indicators in the Upper Carboniferous of Britain. <i>Petroleum Geoscience</i> , 1999, 5, 293-301.	1.5	22
237	A second major fluvial sourceland for the Silesian Pennine Basin of northern England. <i>Journal of the Geological Society</i> , 1996, 153, 901-906.	2.1	21
238	Interpreting seawater temperature range using oxygen isotopes and zooid size variation in <i>Pentapora foliacea</i> (Bryozoa). <i>Marine Biology</i> , 2010, 157, 1171-1180.	1.5	21
239	Modern and early-middle Holocene shells of the freshwater mollusc <i>Unio</i> , from 14k in the Konya Basin, Turkey: preliminary palaeoclimatic implications from molluscan isotope data. <i>Journal of Archaeological Science</i> , 2012, 39, 76-83.	2.4	21
240	Deglaciation and catchment ontogeny in coastal south-west Greenland: implications for terrestrial and aquatic carbon cycling. <i>Journal of Quaternary Science</i> , 2012, 27, 575-584.	2.1	21
241	Diatom-inferred late Pleistocene and Holocene palaeolimnological changes in the Ioannina basin, northwest Greece. <i>Journal of Paleolimnology</i> , 2013, 49, 185-204.	1.6	21
242	Holocene-aged human footprints from the Cuatrociénegas Basin, NE Mexico. <i>Journal of Archaeological Science</i> , 2014, 42, 250-259.	2.4	21
243	Seasonality of Holocene hydroclimate in the Eastern Mediterranean reconstructed using the oxygen isotope composition of carbonates and diatoms from Lake Nar, central Turkey. <i>Holocene</i> , 2018, 28, 267-276.	1.7	21
244	Variation in isotopic composition (C, O and Sr) of Holocene <i>Mactra isabelleana</i> (Bivalvia) from the coast of Buenos Aires Province, Argentina. <i>Holocene</i> , 1998, 8, 613-621.	1.7	20
245	The palaeohydrological evolution of Lago Chungar (Andean Altiplano, northern Chile) during the Lateglacial and early Holocene using oxygen isotopes in diatom silica. <i>Journal of Quaternary Science</i> , 2008, 23, 351-363.	2.1	20
246	Recent habitat degradation in karstic Lake Uluabat, western Turkey: A coupled limnological-palaeolimnological approach. <i>Biological Conservation</i> , 2008, 141, 2765-2783.	4.1	20
247	Diatom assemblage dynamics during abrupt climate change: the response of lacustrine diatoms to Dansgaard-Oeschger cycles during the last glacial period. <i>Journal of Paleolimnology</i> , 2010, 44, 397-404.	1.6	20
248	Hydrological instability during the Last Interglacial in central Asia: a new diatom oxygen isotope record from Lake Baikal. <i>Quaternary Science Reviews</i> , 2013, 66, 45-54.	3.0	20
249	Quaternary climate change and Heinrich events in the southern Balkans: Lake Prespa diatom palaeolimnology from the last interglacial to present. <i>Journal of Paleolimnology</i> , 2015, 53, 215-231.	1.6	20
250	Low-latitude Holocene hydroclimate derived from lake sediment flux and geochemistry. <i>Journal of Quaternary Science</i> , 2016, 31, 286-299.	2.1	20
251	Spatial patterns in the oxygen isotope composition of daily rainfall in the British Isles. <i>Climate Dynamics</i> , 2016, 47, 1971-1987.	3.8	20
252	The terrestrial landscapes of tetrapod evolution in earliest Carboniferous seasonal wetlands of SE Scotland. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 457, 52-69.	2.3	20

#	ARTICLE	IF	CITATIONS
253	Significance of sedimentary organic matter input for shale gas generation potential of Mississippian Mudstones, Widmerpool Gulf, UK. <i>Review of Palaeobotany and Palynology</i> , 2016, 224, 146-168.	1.5	20
254	Controls on amorphous organic matter type and sulphurization in a Mississippian black shale. <i>Review of Palaeobotany and Palynology</i> , 2019, 268, 1-18.	1.5	20
255	Early Carboniferous (Late Tournaisian–Early Viséan) ostracods from the Ballagan Formation, central Scotland, UK. <i>Journal of Micropalaeontology</i> , 2005, 24, 77-94.	3.6	19
256	Sedimentary process control on carbon isotope composition of sedimentary organic matter in an ancient shallow-water shelf succession. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	19
257	Shifts in precipitation during the last millennium in northern Scandinavia from lacustrine isotope records. <i>Quaternary Science Reviews</i> , 2013, 66, 22-34.	3.0	19
258	Late Pliocene upwelling in the Southern Benguela region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 429, 62-71.	2.3	19
259	Late Quaternary climate changes in the Horn of Africa. <i>Developments in Paleoenvironmental Research</i> , 2004, , 159-180.	8.0	18
260	More Than One Million Years of History in Lake Ohrid Cores. <i>Eos</i> , 2014, 95, 25-26.	0.1	18
261	Human impact on the hydroenvironment of Lake Parishan, SW Iran, through the late-Holocene. <i>Holocene</i> , 2015, 25, 1651-1661.	1.7	18
262	Refining trace metal temperature proxies in cold-water scleractinian and stylasterid corals. <i>Earth and Planetary Science Letters</i> , 2020, 545, 116412.	4.4	18
263	Human occupation and ecosystem change on Upolu (Samoa) during the Holocene. <i>Journal of Biogeography</i> , 2020, 47, 600-614.	3.0	18
264	Biogeochemical processes controlling oxygen and carbon isotopes of diatom silica in Late Glacial to Holocene lacustrine rhythmities. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 299, 413-425.	2.3	17
265	Benthic foraminifera and their stable isotope composition in sediment cores from Lake Qarun, Egypt: changes in water salinity during the past ~500 years. <i>Journal of Paleolimnology</i> , 2011, 45, 167-182.	1.6	17
266	Developing a methodology for carbon isotope analysis of lacustrine diatoms. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1567-1574.	1.5	17
267	Environmental change in the Limfjord, Denmark (ca 7500–1500 cal yrs BP): a multiproxy study. <i>Quaternary Science Reviews</i> , 2013, 78, 126-140.	3.0	17
268	Palaeolimnology of Palaeozoic lakes, focussing on a single lake cycle in the Middle Devonian of the Orcadian Basin, Scotland. <i>Earth-Science Reviews</i> , 2006, 75, 177-197.	9.1	16
269	ENSO and solar activity signals from oxygen isotopes in diatom silica during late glacial-Holocene transition in Central Andes (18°S). <i>Journal of Paleolimnology</i> , 2010, 44, 413-429.	1.6	16
270	Isotopic evidence of cool winter conditions in the mid-Piacenzian (Pliocene) of the southern North Sea Basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 309, 9-16.	2.3	16

#	ARTICLE	IF	CITATIONS
271	An assessment of geochemical preparation methods prior to organic carbon concentration and carbon isotope ratio analyses of fine-grained sedimentary rocks. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	16
272	Mid-Holocene sea surface conditions and riverine influence on the inshore Great Barrier Reef. <i>Holocene</i> , 2014, 24, 885-897.	1.7	16
273	Mid Pleistocene foraminiferal mass extinction coupled with phytoplankton evolution. <i>Nature Communications</i> , 2016, 7, 11970.	12.8	16
274	Seasonal scheduling of shellfish collection in the Middle and Later Stone Ages of southern Africa. <i>Journal of Human Evolution</i> , 2019, 128, 1-16.	2.6	16
275	Carbon isotope discrimination in leaves of the broad-leaved paperbark tree, <i>Melaleuca quinquenervia</i> , as a tool for quantifying past tropical and subtropical rainfall. <i>Global Change Biology</i> , 2016, 22, 3474-3486.	9.5	15
276	Climatic variability during the last millennium in Western Iceland from lake sediment records. <i>Holocene</i> , 2016, 26, 756-771.	1.7	15
277	Holocene carbon dynamics at the forest–steppe ecotone of southern Siberia. <i>Global Change Biology</i> , 2017, 23, 1942-1960.	9.5	15
278	Post-mortem oxygen isotope exchange within cultured diatom silica. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1749-1760.	1.5	15
279	Paleoclimate change in Ethiopia around the last interglacial derived from annually-resolved stalagmite evidence. <i>Quaternary Science Reviews</i> , 2018, 202, 197-210.	3.0	15
280	The giants of the phylum Brachiopoda: a matter of diet?. <i>Palaeontology</i> , 2019, 62, 889-917.	2.2	15
281	Stable isotopes reveal independent carbon pools across an Arctic hydro-climatic gradient: Implications for the fate of carbon in warmer and drier conditions. <i>Limnology and Oceanography Letters</i> , 2019, 4, 205-213.	3.9	15
282	Non-marine carbon-isotope stratigraphy of the Triassic-Jurassic transition in the Polish Basin and its relationships to organic carbon preservation, pCO ₂ and palaeotemperature. <i>Earth-Science Reviews</i> , 2020, 210, 103383.	9.1	15
283	Heterogenous Late Holocene Climate in the Eastern Mediterranean–The Kocain Cave Record From SW Turkey. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094733.	4.0	15
284	New OSL dating of UK loess: indications of two phases of Late Glacial dust accretion in SE England and climate implications. <i>Journal of Quaternary Science</i> , 2007, 22, 361-371.	2.1	14
285	The hydrological response of heavy clay grassland soils to rainfall in south-west England using ² H. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 475-482.	1.5	14
286	The effect of species on lacustrine ¹⁸ O _{diatom} and its implications for palaeoenvironmental reconstructions. <i>Journal of Quaternary Science</i> , 2014, 29, 393-400.	2.1	14
287	Early Holocene palaeoseasonality inferred from the stable isotope composition of <i>Unio</i> shells from A ¹ 4k, Turkey. <i>Environmental Archaeology</i> , 2017, 22, 79-95.	1.2	14
288	Paleolimnological features of a mega-lake phase in the Makgadikgadi Basin (Kalahari, Botswana) during Marine Isotope Stage 5 inferred from diatoms. <i>Journal of Paleolimnology</i> , 2017, 58, 373-390.	1.6	14

#	ARTICLE	IF	CITATIONS
289	Coupled evolution of temperature and carbonate chemistry during the Paleocene–Eocene; new trace element records from the low latitude Indian Ocean. <i>Earth and Planetary Science Letters</i> , 2020, 545, 116414.	4.4	14
290	Mid-depth South Atlantic Ocean circulation and chemical stratification during MIS-10 to 12: implications for atmospheric CO ₂ . <i>Climate of the Past</i> , 2008, 4, 333-344.	3.4	13
291	Palaeolimnological evidence of environmental change over the last 400 years in the Rwenzori Mountains of Uganda. <i>Hydrobiologia</i> , 2010, 648, 109-122.	2.0	13
292	An experiment to assess the effects of diatom dissolution on oxygen isotope ratios. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 293-300.	1.5	13
293	ISOTOPIC TEMPERATURES FROM THE EARLY AND MID-PLIOCENE OF THE US MIDDLE ATLANTIC COASTAL PLAIN, AND THEIR IMPLICATIONS FOR THE CAUSE OF REGIONAL MARINE CLIMATE CHANGE. <i>Palaios</i> , 2017, 32, 250-269.	1.3	13
294	Stream and slope weathering effects on organic-rich mudstone geochemistry and implications for hydrocarbon source rock assessment: A Bowland Shale case study. <i>Chemical Geology</i> , 2017, 471, 74-91.	3.3	13
295	Carbon isotopes, stratigraphy, and environmental change: the Middle–Upper Cambrian Positive Excursion (SPICE) in Port au Port Group, western Newfoundland, Canada. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 1209-1222.	1.3	13
296	Lake – Groundwater Relationships, Oxygen Isotope Balance and Climate Sensitivity of the Bishoftu Crater Lakes, Ethiopia. <i>Advances in Global Change Research</i> , 2002, , 261-275.	1.6	12
297	A 140-year record of recent changes in aquatic productivity in a remote, tropical alpine lake in the Rwenzori Mountain National Park, Uganda. <i>Journal of Paleolimnology</i> , 2008, 40, 325-338.	1.6	12
298	Fossil proxies of near-shore sea surface temperatures and seasonality from the late Neogene Antarctic shelf. <i>Die Naturwissenschaften</i> , 2013, 100, 699-722.	1.6	12
299	Freshwater fluxes in the Weddell Gyre: results from $\delta^{18}\text{O}$. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130298.	3.4	12
300	A multiproxy (micro-XRF, pollen, chironomid and stable isotope) lake sediment record for the Lateglacial to Holocene transition from Thomastown Bog, Ireland. <i>Journal of Quaternary Science</i> , 2015, 30, 514-528.	2.1	12
301	Drip water electrical conductivity as an indicator of cave ventilation at the event scale. <i>Science of the Total Environment</i> , 2015, 532, 517-527.	8.0	12
302	Assessing human impact on Rostherne Mere, UK, using the geochemistry of organic matter. <i>Anthropocene</i> , 2018, 21, 52-65.	3.3	12
303	Evidence for carbon cycling in a large freshwater lake in the Balkans over the last 0.5 million years using the isotopic composition of bulk organic matter. <i>Quaternary Science Reviews</i> , 2018, 202, 154-165.	3.0	12
304	Marine climate and hydrography of the Coralline Crag (early Pliocene, UK): isotopic evidence from 16 benthic invertebrate taxa. <i>Chemical Geology</i> , 2019, 526, 62-83.	3.3	12
305	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.	3.0	12
306	Effects of active silicon uptake by rice on $\delta^{29}\text{Si}$ fractionation in various plant parts. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2398-2402.	1.5	11

#	ARTICLE	IF	CITATIONS
307	Climate, catchment runoff and limnological drivers of carbon and oxygen isotope composition of diatom frustules from the central Andean Altiplano during the Lateglacial and Early Holocene. <i>Quaternary Science Reviews</i> , 2013, 66, 64-73.	3.0	11
308	Pliocene diatom and sponge spicule oxygen isotope ratios from the Bering Sea: isotopic offsets and future directions. <i>Climate of the Past</i> , 2014, 10, 1837-1842.	3.4	11
309	Temporal variability in foraminiferal morphology and geochemistry at the West Antarctic Peninsula: a sediment trap study. <i>Biogeosciences</i> , 2019, 16, 3267-3282.	3.3	11
310	A Mississippian black shale record of redox oscillation in the Craven Basin, UK. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109423.	2.3	11
311	Productivity variation around the Crozet Plateau: A naturally iron fertilised area of the Southern Ocean. <i>Organic Geochemistry</i> , 2010, 41, 767-778.	1.8	10
312	Bulk Sediment and Diatom Silica Carbon Isotope Composition from Coastal Marine Sediments off East Antarctica. <i>Silicon</i> , 2013, 5, 19-34.	3.3	10
313	Integrated stratigraphy and palaeoenvironment of the P/E boundary interval, Rakhi Nala section, Indus Basin (Pakistan). <i>Arabian Journal of Geosciences</i> , 2014, 7, 323-339.	1.3	10
314	Technical Note: Silica stable isotopes and silicification in a carnivorous sponge <i>Asbestopluma</i> sp.. <i>Biogeosciences</i> , 2015, 12, 3489-3498.	3.3	10
315	Complexity of diatom response to Lateglacial and Holocene climate and environmental change in ancient, deep and oligotrophic Lake Ohrid (Macedonia and Albania). <i>Biogeosciences</i> , 2016, 13, 1351-1365.	3.3	10
316	A 6,000 year record of environmental change from the eastern Pacific margin of central Mexico. <i>Quaternary Science Reviews</i> , 2018, 202, 211-224.	3.0	10
317	Holocene glacier fluctuations and environmental changes in subantarctic South Georgia inferred from a sediment record from a coastal inlet. <i>Quaternary Research</i> , 2019, 91, 132-148.	1.7	10
318	Understanding the transfer of contemporary temperature signals into lake sediments via paired oxygen isotope ratios in carbonates and diatom silica: Problems and potential. <i>Chemical Geology</i> , 2020, 552, 119705.	3.3	10
319	Local and Large-Scale Drivers of Variability in the Coastal Freshwater Budget of the Western Antarctic Peninsula. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017172.	2.6	10
320	Cave monitoring and the potential for palaeoclimate reconstruction from Cueva de Asiul, Cantabria (N. Spain). <i>International Journal of Speleology</i> , 2016, 45, 1-9.	1.0	10
321	Multi-proxy record of Holocene paleoenvironmental conditions from Yellowstone Lake, Wyoming, USA. <i>Quaternary Science Reviews</i> , 2021, 274, 107275.	3.0	10
322	Origin and Isotopic Composition of Aragonite Laminae in an Ethiopian Crater Lake. <i>Advances in Global Change Research</i> , 2002, , 487-508.	1.6	9
323	A sedimentary record of the rise and fall of the metal industry in Bergslagen, south central Sweden. <i>Journal of Paleolimnology</i> , 2008, 39, 463-475.	1.6	9
324	High-resolution diatom $\delta^{18}\text{O}$ 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.	2.1	9

#	ARTICLE	IF	CITATIONS
325	A Micro-manipulation Technique for the Purification of Diatoms for Isotope and Geochemical Analysis. <i>Silicon</i> , 2013, 5, 13-17.	3.3	9
326	Regional Holocene climate and landscape changes recorded in the large subarctic lake TornetrÄsk, N Fennoscandia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 487, 1-14.	2.3	9
327	Sedimentary context and palaeoecology of <i>Gigantopproductus</i> shell beds in the Mississippian Eyam Limestone Formation, Derbyshire carbonate platform, central England. <i>Proceedings of the Yorkshire Geological Society</i> , 2017, 61, 239-257.	0.3	9
328	Oxygen isotope analysis of the eyes of pelagic trilobites: Testing the application of sea temperature proxies for the Ordovician. <i>Gondwana Research</i> , 2018, 57, 157-169.	6.0	9
329	Spatiotemporal Variability of Barium in Arctic Sea Ice and Seawater. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3507-3522.	2.6	9
330	Dynamic climate-driven controls on the deposition of the Kimmeridge Clay Formation in the Cleveland Basin, Yorkshire, UK. <i>Climate of the Past</i> , 2019, 15, 1581-1601.	3.4	9
331	Climatic and environmental change in the western Tibetan Plateau during the Holocene, recorded by lake sediments from Aweng Co. <i>Quaternary Science Reviews</i> , 2021, 259, 106889.	3.0	9
332	ICDP workshop on the Lake Tanganyika Scientific Drilling Project: a late Miocene–present record of climate, rifting, and ecosystem evolution from the world's oldest tropical lake. <i>Scientific Drilling</i> , 0, 27, 53-60.	0.6	9
333	Isotopic Characterization of Water Masses in the Southeast Pacific Region: Paleooceanographic Implications. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	9
334	Lower Permian brachiopods from Oman: their potential as climatic proxies. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2007, 98, 327-344.	0.3	8
335	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.	1.3	8
336	Evidence of past environmental conditions during the evolution of a calcretised Wadi System in Southern Jordan using stable isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 348-349, 1-12.	2.3	8
337	Interpretation and application of carbon isotope ratios in freshwater diatom silica. <i>Journal of Quaternary Science</i> , 2016, 31, 300-309.	2.1	8
338	C/N ratios and Carbon Isotope Composition of Organic Matter in Estuarine Environments. <i>Developments in Paleoenvironmental Research</i> , 2017, , 213-237.	8.0	8
339	Age and growth rate estimations of the commercially fished gastropod <i>Buccinum undatum</i> . <i>ICES Journal of Marine Science</i> , 2018, 75, 2129-2144.	2.5	8
340	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.	7.1	8
341	Stylasterid corals: A new paleotemperature archive. <i>Earth and Planetary Science Letters</i> , 2020, 545, 116407.	4.4	8
342	Temperature Gradients Across the Pacific Ocean During the Middle Miocene. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003924.	2.9	8

#	ARTICLE	IF	CITATIONS
343	Benthic foraminiferal turnover across the Dan-C2 event in the eastern South Atlantic Ocean (ODP TJ ETQq1 1 0.784314 rgBTg/Overlook	2.3	7
344	Distinct lake level lowstand in Lake Prespa (SE Europe) at the time of the 74 (75) ka Toba eruption. <i>Climate of the Past</i> , 2014, 10, 261-267.	3.4	7
345	Linking land and lake: Using novel geochemical techniques to understand biological response to environmental change. <i>Quaternary Science Reviews</i> , 2018, 202, 122-138.	3.0	7
346	Thrust faulting in glaciers? Re-examination of debris bands near the margin of Storglaciären, Sweden. <i>Boreas</i> , 2022, 51, 78-99.	2.4	7
347	Paired analysis of tree ring width and carbon isotopes indicates when controls on tropical tree growth change from light to water limitations. <i>Tree Physiology</i> , 2022, 42, 1131-1148.	3.1	7
348	Experimental determination of a <i>Viviparus contectus</i> thermometry equation. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2939-2951.	1.5	6
349	The use of multivariate statistics to resolve multiple contamination signals in the oxygen isotope analysis of biogenic silica. <i>Journal of Quaternary Science</i> , 2014, 29, 641-649.	2.1	6
350	Early-Mid Pleistocene environments in the Valsequillo Basin, Central Mexico: a reassessment. <i>Journal of Quaternary Science</i> , 2016, 31, 325-336.	2.1	6
351	LIFE HISTORY, ENVIRONMENT AND EXTINCTION OF THE SCALLOP CAROLINA PECTEN EBOREUS (CONRAD) IN THE PLIO-PLEISTOCENE OF THE U.S. EASTERN SEABOARD. <i>Palaios</i> , 2019, 34, 49-70.	1.3	6
352	Diatoms in a sediment core from a flood pulse wetland in Malaysia record strong responses to human impacts and hydro-climate over the past 150 years. <i>Geo: Geography and Environment</i> , 2020, 7, e00090.	0.8	6
353	The CISE-LOCEAN seawater isotopic database (1998-2021). <i>Earth System Science Data</i> , 2022, 14, 2721-2735.	9.9	6
354	Paleogene carbon isotope excursions in the Bunkers Hill borehole: Hampshire Basin, UK. <i>Proceedings of the Geologists Association</i> , 2011, 122, 460-471.	1.1	5
355	Geochemical Evidence of the Seasonality, Affinity and Pigmentation of <i>Solenopora jurassica</i> . <i>PLoS ONE</i> , 2015, 10, e0138305.	2.5	5
356	Understanding the hydrogeology and surface flow in the Cuatrociénegas Basin (NE Mexico) using stable isotopes. <i>Journal of Arid Environments</i> , 2015, 121, 15-23.	2.4	5
357	Reduced upwelling of nutrient and carbon-rich water in the subarctic Pacific during the Mid-Pleistocene Transition. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 555, 109845.	2.3	5
358	Palaeoceanography of the Japan Sea Across the Mid-Pleistocene Transition: Insights From IODP Exp. 346, Site U1427. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	5
359	Provenance of late Ashgill (Hirnantian) fine-grained sediments and pebbles in the Welsh Basin: A ND and SR isotope study. <i>Geological Journal</i> , 1994, 29, 1-9.	1.3	4
360	Spatial variability of ² H and ¹⁸ O composition of meteoric freshwater lakes in Scotland. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 237-253.	1.0	4

#	ARTICLE	IF	CITATIONS
361	Using stable isotopes to estimate young water fractions in a heavily regulated, tropical lowland river basin. <i>Hydrological Processes</i> , 2020, 34, 4239-4250.	2.6	4
362	Calibration of shell $\delta^{18}\text{O}$ from the common whelk <i>Buccinum undatum</i> highlights potential for palaeoenvironmental reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 109995.	2.3	4
363	$\delta^{13}\text{C}$ -Live (stained) benthic foraminiferal living depths, stable isotopes, and taxonomy offshore South Georgia, Southern Ocean: implications for calcification depths. <i>Journal of Micropalaeontology</i> , 2018, 37, 25-71.	3.6	4
364	Carbon isotope composition of graptolite periderm and whole-rock from the Aeronian (Silurian), Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 62 Association, 2011, 122, 82-91.	1.1	3
365	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.	1.6	3
366	Temporal controls on silicic acid utilisation along the West Antarctic Peninsula. <i>Nature Communications</i> , 2017, 8, 14645.	12.8	3
367	Carbon isotope alteration during the thermal maturation of non-flowering plant species representative of those found within the geological record. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 21-26.	1.5	3
368	A century of anthropogenic environmental change in tropical Asia: Multi-proxy palaeolimnological evidence from Singapore's Central Catchment. <i>Holocene</i> , 2020, 30, 162-177.	1.7	3
369	Effects of organic removal techniques prior to carbonate stable isotope analysis of lacustrine marls: A case study from palaeolake Fucino (central Italy). <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8623.	1.5	3
370	Growth-increment characteristics and isotopic ($\delta^{18}\text{O}$) temperature record of sub-thermocline <i>Aequipecten opercularis</i> (Mollusca:Bivalvia): evidence from modern Adriatic forms and an application to early Pliocene examples from eastern England. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 561, 110046.	2.3	3
371	Anthropocene climate warming enhances autochthonous carbon cycling in an upland Arctic lake, Disko Island, West Greenland. <i>Biogeosciences</i> , 2021, 18, 2465-2485.	3.3	3
372	Tracing Glacial Meltwater From the Greenland Ice Sheet to the Ocean Using Gliders. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017274.	2.6	3
373	Evidence of a South Asian Proto-Monsoon During the Oligocene-Miocene Transition. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004278.	2.9	3
374	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.	1.7	3
375	Isotopes in Biogenic Silica (IBiS). <i>Journal of Quaternary Science</i> , 2008, 23, 311-312.	2.1	2
376	Isotopes and lakes. <i>Quaternary Science Reviews</i> , 2013, 66, 1-3.	3.0	2
377	A new automated method for high-throughput carbon and hydrogen isotope analysis of gaseous and dissolved methane at atmospheric concentrations. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9086.	1.5	2
378	The potential of marine bivalve <i>Spisula sachalinensis</i> as a marine temperature record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 582, 110634.	2.3	2

#	ARTICLE	IF	CITATIONS
379	Stable isotopes from diatom silica. , 0, , 575-589.		2
380	Ecology and climate sensitivity of a groundwater-fed lake on subtropical North Stradbroke Island (Minjerribah), Queensland, Australia over the last 7500 years. Journal of Paleolimnology, 2022, 67, 75-93.	1.6	2
381	Response of a low elevation carbonate lake in the Yucatan Peninsula (Mexico) to climatic and human forcings. Quaternary Science Reviews, 2022, 282, 107445.	3.0	2
382	Micromilling vs hand drilling in stable isotope analyses of incremental carbonates: The potential for $\delta^{13}\text{C}$ contamination by embedding resin. Rapid Communications in Mass Spectrometry, 2022, 36, e9318.	1.5	2
383	Climate and human exploitation have regulated Atlantic salmon populations in the River Spey, Scotland, over the last 2000 years. Holocene, 2022, 32, 780-793.	1.7	2
384	Reply: Evidence for episodic dust accretion in SE England. Journal of Quaternary Science, 2008, 23, 307-308.	2.1	1
385	Reply to comment on "Magnitude and profile of organic carbon isotope records from the Paleocene-Eocene Thermal Maximum: Evidence from northern Spain" by Manners et al. [Earth Planet. Sci. Lett. 376 (2013) 220-230]. Earth and Planetary Science Letters, 2014, 395, 294-295.	4.4	1
386	Red Sea Palaeoclimate: Stable Isotope and Element-Ratio Analysis of Marine Mollusc Shells. , 2019, , 725-740.		1
387	$\delta^{18}\text{O}$ -inferred salinity from <i>Littorina littorea</i> (L.) gastropods in a Danish shell midden at the Mesolithic-Neolithic transition. Holocene, 2020, 30, 233-243.	1.7	1
388	Assessment of bias in carbon isotope composition of organic leaf matter due to pre-analysis milling methods. Rapid Communications in Mass Spectrometry, 2021, , e9134.	1.5	1
389	Silicic Acid Cycling in the Bering Sea During the Mid-Pleistocene Transition. Paleoceanography and Paleoclimatology, 2022, 37, .	2.9	1
390	Sclerochronological evidence of pronounced seasonality from the late Pliocene of the southern North Sea basin and its implications. Climate of the Past, 2022, 18, 1203-1229.	3.4	1
391	Nutrient availability in the North Pacific region not primarily driven by climate through the Quaternary. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 601, 111109.	2.3	1
392	ISOTopes in PALaeoenvironmental reconstruction (ISOPAL). Earth-Science Reviews, 2006, 75, 1-3.	9.1	0
393	Quaternary palaeoenvironmental proxies and processes - papers in honour of Professor Alayne Street-Perrott. Journal of Quaternary Science, 2016, 31, 281-285.	2.1	0
394	Archives of humans, environments and their interactions - papers in honour of Professor C. Neil Roberts and Professor Henry F. Lamb. Quaternary Science Reviews, 2018, 202, 1-3.	3.0	0
395	Stalagmite evidence for Early Holocene multidecadal hydroclimate variability in Ethiopia. Quaternary Research, 0, , 1-15.	1.7	0