

Melanie J Leng

List of Publications by Year in descending order

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395
papers

18,442
citations

13827

67
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26548

107
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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.	1.4	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.	4.0	817
3	North Pacific seasonality and the glaciation of North America 2.7 million years ago. <i>Nature</i> , 2005, 433, 821-825.	13.7	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.	0.9	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.	1.4	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.	3.3	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.	0.9	232
8	An inter-laboratory comparison of Si isotope reference materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 561-568.	1.6	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.	2.0	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.	1.4	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.	1.6	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.	1.0	177
13	A dynamic concept for eastern Mediterranean circulation and oxygenation during sapropel formation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 190, 103-119.	1.0	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.	4.0	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.	1.1	151
16	Cleaning of lake sediment samples for diatom oxygen isotope analysis. <i>Journal of Paleolimnology</i> , 2004, 31, 391-401.	0.8	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.	6.0	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.	0.9	137

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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.	2.0	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.	1.8	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.	1.4	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.	1.0	116
23	Mediterranean winter rainfall in phase with African monsoons during the past 1.36 million years. <i>Nature</i> , 2019, 573, 256-260.	13.7	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.	1.4	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.	1.8	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.	1.4	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.	1.0	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.	0.6	100
29	A new Holocene relative sea level curve for the South Shetland Islands, Antarctica. <i>Quaternary Science Reviews</i> , 2011, 30, 3152-3170.	1.4	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.	1.0	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.	2.3	99
32	ISOTOPES IN LAKE SEDIMENTS. <i>Developments in Paleoenvironmental Research</i> , 2006, , 147-184.	7.5	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.	1.1	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.	5.8	97
35	Early Holocene retreat of the George VI Ice Shelf, Antarctic Peninsula. <i>Geology</i> , 2005, 33, 173.	2.0	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.	3.3	95

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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.	1.2	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.	1.3	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.	1.3	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.	1.6	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.	2.0	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.	1.4	88
44	Climate and environmental change in the Balkans over the last 17ka recorded in sediments from Lake Prespa (Albania/F.Y.R. of Macedonia/Greece). <i>Quaternary International</i> , 2012, 274, 122-135.	0.7	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.	4.6	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.	1.4	84
47	Combined oxygen and silicon isotope analysis of biogenic silica. <i>Journal of Quaternary Science</i> , 2008, 23, 313-319.	1.1	83
48	A review of diatom δ ¹⁸ O in palaeoceanography. <i>Quaternary Science Reviews</i> , 2009, 28, 384-398.	1.4	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.	1.4	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.	0.6	82
51	Inter-laboratory comparison of oxygen isotope compositions from biogenic silica. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7242-7256.	1.6	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.	0.8	81
53	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 97-106.	0.8	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.	1.4	80

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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.	1.0	80
56	Oxygen isotopes in Molluscan shell: Applications in environmental archaeology. <i>Environmental Archaeology</i> , 2016, 21, 295-306.	0.6	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.	1.0	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.	0.9	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.	2.0	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.	1.4	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.	0.9	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.	1.8	74
63	North Atlantic forcing of moisture delivery to Europe throughout the Holocene. <i>Scientific Reports</i> , 2016, 6, 24745.	1.6	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.	1.4	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, .	0.8	73
66	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 22, 187-204.	0.8	72
67	Late Quaternary vegetation dynamics in a biodiversity hotspot, the Uluguru Mountains of Tanzania. <i>Quaternary Research</i> , 2009, 72, 111-122.	1.0	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.	1.6	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.	0.9	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.	1.6	70
72	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

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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.	1.1	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.	1.6	69
75	The Freshwater System West of the Antarctic Peninsula: Spatial and Temporal Changes. <i>Journal of Climate</i> , 2013, 26, 1669-1684.	1.2	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.	1.3	67
77	An early Cambrian greenhouse climate. <i>Science Advances</i> , 2018, 4, eaar5690.	4.7	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.	1.1	66
79	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
80	Clumped isotope composition of cold-water corals: A role for vital effects?. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 179, 123-141.	1.6	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.	1.4	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.	1.3	65
83	Holocene El Niño Southern Oscillation variability reflected in subtropical Australian precipitation. <i>Scientific Reports</i> , 2019, 9, 1627.	1.6	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.	1.0	63
85	Plants and Soil Microbes Respond to Recent Warming on the Antarctic Peninsula. <i>Current Biology</i> , 2013, 23, 1702-1706.	1.8	62
86	Isotopic and palynological evidence for a new Early Jurassic environmental perturbation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 374, 16-27.	1.0	62
87	Extreme warming of tropical waters during the Paleocene-Eocene Thermal Maximum. <i>Geology</i> , 2014, 42, 739-742.	2.0	62
88	Oxygen isotope analysis of diatom silica and authigenic calcite from Lake Pinarbasi, Turkey. <i>Journal of Paleolimnology</i> , 2001, 25, 343-349.	0.8	61
89	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 325-343.	0.8	60
90	Isotopic variation in modern lake waters from western Greenland. <i>Holocene</i> , 2003, 13, 605-611.	0.9	60

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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.	1.5	60
92	Late Quaternary palaeoenvironmental reconstruction from Lakes Ohrid and Prespa (Macedonia/Albania border) using stable isotopes. <i>Biogeosciences</i> , 2010, 7, 3109-3122.	1.3	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.	0.7	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.	1.4	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.	0.9	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.	0.8	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.	0.5	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.	1.0	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.	1.3	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.	0.8	58
101	Long and short-term change in the Patzcuaro Basin, central Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 247, 272-295.	1.0	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.	1.8	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.	1.4	58
104	Glacial discharge along the west Antarctic Peninsula during the Holocene. <i>Nature Geoscience</i> , 2013, 6, 199-202.	5.4	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.	1.1	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.	3.9	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.	1.4	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.	1.4	56

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109	A study of sclerochronology by laser ablation ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2000, 15, 1143-1148.	1.6	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.	1.0	54
111	The Paleocene–Eocene Thermal Maximum record in the organic matter of the Claret and Tendryu continental sections (South-central Pyrenees, Lleida, Spain). <i>Earth and Planetary Science Letters</i> , 2009, 281, 226-237.	1.8	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.	1.6	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.	0.6	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.	3.3	54
115	Is there an isotopic signature of the Anthropocene?. <i>Infrastructure Asset Management</i> , 2014, 1, 276-287.	1.2	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.	0.8	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.	1.6	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.	1.2	51
119	Abrupt Holocene climate change and potential response to solar forcing in western Canada. <i>Quaternary Science Reviews</i> , 2011, 30, 1243-1255.	1.4	51
120	Alluvial fan records from southeast Arabia reveal multiple windows for human dispersal. <i>Geology</i> , 2015, 43, 295-298.	2.0	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.	0.9	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.	1.1	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.	1.1	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.	1.6	49
126	A refined chronology for the Cambrian succession of southern Britain. <i>Journal of the Geological Society</i> , 2011, 168, 705-716.	0.9	49

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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.	0.7	49
128	Interpreting stable-isotope records from freshwater snail-shell carbonate: a Holocene case study from Lake Gölhisar, Turkey. <i>Holocene</i> , 2002, 12, 629-634.	0.9	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.	0.6	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.	1.0	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.	1.0	47
132	An early MIS 3 pluvial phase in Southeast Arabia: Climatic and archaeological implications. <i>Quaternary International</i> , 2013, 300, 62-74.	0.7	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.	0.8	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.	0.9	46
135	Silicon isotopes in Antarctic sponges: an interlaboratory comparison. <i>Antarctic Science</i> , 2011, 23, 34-42.	0.5	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.	0.9	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.	1.1	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.	1.6	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.	0.9	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, 107-115.	0.9	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.	1.1	43
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