

Melanie J Leng

List of Publications by Year in descending order

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Version: 2024-02-01

395
papers

18,442
citations

13827

67
h-index

26548

107
g-index

436
all docs

436
docs citations

436
times ranked

14816
citing authors

#	ARTICLE	IF	CITATIONS
1	Thrust faulting in glaciers? Re-examination of debris bands near the margin of Storglaciären, Sweden. <i>Boreas</i> , 2022, 51, 78-99.	1.2	7
2	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.	1.4	7
3	Ecology and climate sensitivity of a groundwater-fed lake on subtropical North Stradbroke Island (Minjerrabah), Queensland, Australia over the last 7500 years. <i>Journal of Paleolimnology</i> , 2022, 67, 75-93.	0.8	2
4	Palaeoceanography of the Japan Sea Across the Mid-Pleistocene Transition: Insights From IODP Exp. 346, Site U1427. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	5
5	Silicic Acid Cycling in the Bering Sea During the Mid-Pleistocene Transition. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	1
6	Isotopic Characterization of Water Masses in the Southeast Pacific Region: Paleooceanographic Implications. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	9
7	Reconstructing postglacial hydrologic and environmental change in the eastern Kenai Peninsula lowlands using proxy data and mass balance modeling. <i>Quaternary Research</i> , 2022, 107, 1-26.	1.0	3
8	Response of a low elevation carbonate lake in the Yucatan Peninsula (Mexico) to climatic and human forcings. <i>Quaternary Science Reviews</i> , 2022, 282, 107445.	1.4	2
9	Micromilling vs hand drilling in stable isotope analyses of incremental carbonates: The potential for $\delta^{13}\text{C}$ contamination by embedding resin. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9318.	0.7	2
10	Sclerochronological evidence of pronounced seasonality from the late Pliocene of the southern North Sea basin and its implications. <i>Climate of the Past</i> , 2022, 18, 1203-1229.	1.3	1
11	Climate and human exploitation have regulated Atlantic salmon populations in the River Spey, Scotland, over the last 2000 years. <i>Holocene</i> , 2022, 32, 780-793.	0.9	2
12	Nutrient availability in the North Pacific region not primarily driven by climate through the Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 601, 111109.	1.0	1
13	The CISE-LOCEAN seawater isotopic database (1998–2021). <i>Earth System Science Data</i> , 2022, 14, 2721-2735.	3.7	6
14	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.	1.0	3
15	Anthropocene climate warming enhances autochthonous carbon cycling in an upland Arctic lake, Disko Island, West Greenland. <i>Biogeosciences</i> , 2021, 18, 2465-2485.	1.3	3
16	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.	1.0	10
17	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.	1.4	9
18	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.	0.7	2

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19	Temperature Gradients Across the Pacific Ocean During the Middle Miocene. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003924.	1.3	8
20	Benthic foraminiferal turnover across the Dan-C2 event in the eastern South Atlantic Ocean (ODP Tj ETQq0 0 0 rgBT/Overlogk 10 Tf 50	1.0	10
21	Hydroclimate changes in eastern Africa over the past 200,000 years may have influenced early human dispersal. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	32
22	Assessment of bias in carbon isotope composition of organic leaf matter due to pre-analysis milling methods. <i>Rapid Communications in Mass Spectrometry</i> , 2021, , e9134.	0.7	1
23	Tracing Glacial Meltwater From the Greenland Ice Sheet to the Ocean Using Gliders. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017274.	1.0	3
24	Paleocene/Eocene carbon feedbacks triggered by volcanic activity. <i>Nature Communications</i> , 2021, 12, 5186.	5.8	32
25	Evidence of a South Asian Proto-Monsoon During the Oligocene-Miocene Transition. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004278.	1.3	3
26	Heterogenous Late Holocene Climate in the Eastern Mediterranean-The Kocain Cave Record From SW Turkey. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094733.	1.5	15
27	The potential of marine bivalve <i>Spisula sachalinensis</i> as a marine temperature record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 582, 110634.	1.0	2
28	Multi-proxy record of Holocene paleoenvironmental conditions from Yellowstone Lake, Wyoming, USA. <i>Quaternary Science Reviews</i> , 2021, 274, 107275.	1.4	10
29	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.	0.9	3
30	A Mississippian black shale record of redox oscillation in the Craven Basin, UK. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109423.	1.0	11
31	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.	0.7	3
32	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.	1.4	24
33	$\delta^{18}\text{O}$ -inferred salinity from <i>Littorina littorea</i> (L.) gastropods in a Danish shell midden at the Mesolithic-Neolithic transition. <i>Holocene</i> , 2020, 30, 233-243.	0.9	1
34	Deep drilling reveals massive shifts in evolutionary dynamics after formation of ancient ecosystem. <i>Science Advances</i> , 2020, 6, .	4.7	23
35	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.	4.0	15
36	Coupled impacts of sea ice variability and North Pacific atmospheric circulation on Holocene hydroclimate in Arctic Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33034-33042.	3.3	8

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37	Using stable isotopes to estimate young water fractions in a heavily regulated, tropical lowland river basin. <i>Hydrological Processes</i> , 2020, 34, 4239-4250.	1.1	4
38	Calibration of shell $\delta^{18}O$ from the common whelk <i>Buccinum undatum</i> highlights potential for palaeoenvironmental reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 109995.	1.0	4
39	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.	1.0	5
40	Last Glacial Maximum environmental conditions at AndÅya, northern Norway; evidence for a northern ice-edge ecological "hotspot". <i>Quaternary Science Reviews</i> , 2020, 239, 106364.	1.4	34
41	Diatoms in a sediment core from a flood pulse wetland in Malaysia record strong responses to human impacts and hydroclimate over the past 150 years. <i>Geo: Geography and Environment</i> , 2020, 7, e00090.	0.5	6
42	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.	1.4	10
43	Refining trace metal temperature proxies in cold-water scleractinian and stylasterid corals. <i>Earth and Planetary Science Letters</i> , 2020, 545, 116412.	1.8	18
44	Stylasterid corals: A new paleotemperature archive. <i>Earth and Planetary Science Letters</i> , 2020, 545, 116407.	1.8	8
45	Multi-proxy evidence for millennial-scale changes in North Pacific Holocene hydroclimate from the Kenai Peninsula lowlands, south-central Alaska. <i>Quaternary Science Reviews</i> , 2020, 241, 106420.	1.4	12
46	Human occupation and ecosystem change on Upolu (Samoa) during the Holocene. <i>Journal of Biogeography</i> , 2020, 47, 600-614.	1.4	18
47	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
48	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
49	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.	1.8	14
50	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.	1.4	12
51	Coupled climate and subarctic Pacific nutrient upwelling over the last 850,000 years. <i>Earth and Planetary Science Letters</i> , 2019, 522, 87-97.	1.8	29
52	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.	1.3	16
53	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.	1.3	9
54	Temporal variability in foraminiferal morphology and geochemistry at the West Antarctic Peninsula: a sediment trap study. <i>Biogeosciences</i> , 2019, 16, 3267-3282.	1.3	11

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55	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
56	The biogeochemical impact of glacial meltwater from Southwest Greenland. <i>Progress in Oceanography</i> , 2019, 176, 102126.	1.5	34
57	The giants of the phylum Brachiopoda: a matter of diet?. <i>Palaeontology</i> , 2019, 62, 889-917.	1.0	15
58	Spatial variability of $\delta^2\text{H}$ and $\delta^{18}\text{O}$ composition of meteoric freshwater lakes in Scotland. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 237-253.	0.5	4
59	LIFE HISTORY, ENVIRONMENT AND EXTINCTION OF THE SCALLOP <i>CAROLINAPECTEN EBOREUS</i> (CONRAD) IN THE PLIO-PLEISTOCENE OF THE U.S. EASTERN SEABOARD. <i>Palaios</i> , 2019, 34, 49-70.	0.6	6
60	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.	1.6	31
61	Controls on amorphous organic matter type and sulphurization in a Mississippian black shale. <i>Review of Palaeobotany and Palynology</i> , 2019, 268, 1-18.	0.8	20
62	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
63	Holocene El Niño–Southern Oscillation variability reflected in subtropical Australian precipitation. <i>Scientific Reports</i> , 2019, 9, 1627.	1.6	65
64	Stable isotopes reveal independent carbon pools across an Arctic hydroclimatic gradient: Implications for the fate of carbon in warmer and drier conditions. <i>Limnology and Oceanography Letters</i> , 2019, 4, 205-213.	1.6	15
65	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.	1.6	25
66	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.	1.6	33
67	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.	1.0	10
68	Red Sea Palaeoclimate: Stable Isotope and Element-Ratio Analysis of Marine Mollusc Shells. , 2019, , 725-740.		1
69	Historical atmospheric pollution trends in Southeast Asia inferred from lake sediment records. <i>Environmental Pollution</i> , 2018, 235, 907-917.	3.7	26
70	Assessing human impact on Rostherne Mere, UK, using the geochemistry of organic matter. <i>Anthropocene</i> , 2018, 21, 52-65.	1.6	12
71	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.	4.6	27
72	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.	3.0	9

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73	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
74	Lake Baikal isotope records of Holocene Central Asian precipitation. <i>Quaternary Science Reviews</i> , 2018, 189, 210-222.	1.4	26
75	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.	0.9	21
76	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.	1.4	10
77	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
78	Archives of humans, environments and their interactions – papers in honour of Professor C. Neil Roberts and Professor Henry F. Lamb. <i>Quaternary Science Reviews</i> , 2018, 202, 1-3.	1.4	0
79	Linking land and lake: Using novel geochemical techniques to understand biological response to environmental change. <i>Quaternary Science Reviews</i> , 2018, 202, 122-138.	1.4	7
80	Closure of the Bering Strait caused Mid-Pleistocene Transition cooling. <i>Nature Communications</i> , 2018, 9, 5386.	5.8	40
81	Development of a southern hemisphere subtropical wetland (Welsby Lagoon, south-east Queensland, Australia). <i>Journal of Quaternary Science</i> , 2018, 202, 1-3.	1.4	26
82	Paleoclimate change in Ethiopia around the last interglacial derived from annually-resolved stalagmite evidence. <i>Quaternary Science Reviews</i> , 2018, 202, 197-210.	1.4	15
83	Environmental change during MIS4 and MIS 3 opened corridors in the Horn of Africa for Homo sapiens expansion. <i>Quaternary Science Reviews</i> , 2018, 202, 139-153.	1.4	23
84	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.	1.4	12
85	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.	1.4	27
86	Spatiotemporal Variability of Barium in Arctic Sea Ice and Seawater. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3507-3522.	1.0	9
87	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.	0.6	13
88	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.	1.2	8
89	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
90	Holocene atmospheric circulation in the central North Pacific: A new terrestrial diatom and $\delta^{18}O$ dataset from the Aleutian Islands. <i>Quaternary Science Reviews</i> , 2018, 194, 27-38.	1.4	35

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91	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.	1.3	26
92	An early Cambrian greenhouse climate. <i>Science Advances</i> , 2018, 4, eaar5690.	4.7	67
93	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.	1.3	4
94	Early Holocene palaeoseasonality inferred from the stable isotope composition of <i>Unio</i> shells from Atalhäk, Turkey. <i>Environmental Archaeology</i> , 2017, 22, 79-95.	0.6	14
95	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
96	C/N ratios and Carbon Isotope Composition of Organic Matter in Estuarine Environments. <i>Developments in Paleoenvironmental Research</i> , 2017, , 213-237.	7.5	8
97	Temporal controls on silicic acid utilisation along the West Antarctic Peninsula. <i>Nature Communications</i> , 2017, 8, 14645.	5.8	3
98	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.	0.6	13
99	Holocene carbon dynamics at the forest–steppe ecotone of southern Siberia. <i>Global Change Biology</i> , 2017, 23, 1942-1960.	4.2	15
100	Palaeoenvironmental reconstruction of the alluvial landscape of Neolithic Atalhäk, central southern Turkey: The implications for early agriculture and responses to environmental change. <i>Journal of Archaeological Science</i> , 2017, 87, 30-43.	1.2	34
101	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.	1.4	13
102	Regional Holocene climate and landscape changes recorded in the large subarctic lake Torneträsk, N Fennoscandia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 487, 1-14.	1.0	9
103	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
104	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.	0.8	14
105	Post-mortem oxygen isotope exchange within cultured diatom silica. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1749-1760.	0.7	15
106	The prospectivity of a potential shale gas play: An example from the southern Pennine Basin (central) Tj ETQq0 0 0 rBT /Overlock 10 Tf	1.5	31
107	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.	0.7	3
108	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

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109	Sedimentary context and palaeoecology of <i>Gigantoproductus</i> shell beds in the Mississippian Eyam Limestone Formation, Derbyshire carbonate platform, central England. Proceedings of the Yorkshire Geological Society, 2017, 61, 239-257.	0.2	9
110	The environmental and evolutionary history of Lake Ohrid (FYROM/Albania): interim results from the SCOPSCO deep drilling project. Biogeosciences, 2017, 14, 2033-2054.	1.3	43
111	Complexity of diatom response to Lateglacial and Holocene climate and environmental change in ancient, deep and oligotrophic Lake Ohrid (Macedonia and Albania). Biogeosciences, 2016, 13, 1351-1365.	1.3	10
112	Sedimentological processes and environmental variability at Lake Ohrid (Macedonia, Albania) between 637 ka and the present. Biogeosciences, 2016, 13, 1179-1196.	1.3	90
113	Northern Mediterranean climate since the Middle Pleistocene: a 637 ka stable isotope record from Lake Ohrid (Albania/Macedonia). Biogeosciences, 2016, 13, 1801-1820.	1.3	33
114	Aligning and synchronization of MIS5 proxy records from Lake Ohrid (FYROM) with independently dated Mediterranean archives: implications for DEEP core chronology. Biogeosciences, 2016, 13, 2757-2768.	1.3	26
115	Quaternary palaeoenvironmental proxies and processes – papers in honour of Professor Alayne Street – Perrott. Journal of Quaternary Science, 2016, 31, 281-285.	1.1	0
116	An experiment to assess the effects of diatom dissolution on oxygen isotope ratios. Rapid Communications in Mass Spectrometry, 2016, 30, 293-300.	0.7	13
117	Oxygen isotopes in Molluscan shell: Applications in environmental archaeology. Environmental Archaeology, 2016, 21, 295-306.	0.6	76
118	Low-latitude Holocene hydroclimate derived from lake sediment flux and geochemistry. Journal of Quaternary Science, 2016, 31, 286-299.	1.1	20
119	Mid Pleistocene foraminiferal mass extinction coupled with phytoplankton evolution. Nature Communications, 2016, 7, 11970.	5.8	16
120	Early-Mid Pleistocene environments in the Valsequillo Basin, Central Mexico: a reassessment. Journal of Quaternary Science, 2016, 31, 325-336.	1.1	6
121	A tale of two lakes: a multi-proxy comparison of Lateglacial and Holocene environmental change in Cappadocia, Turkey. Journal of Quaternary Science, 2016, 31, 348-362.	1.1	58
122	Interpretation and application of carbon isotope ratios in freshwater diatom silica. Journal of Quaternary Science, 2016, 31, 300-309.	1.1	8
123	North Atlantic forcing of moisture delivery to Europe throughout the Holocene. Scientific Reports, 2016, 6, 24745.	1.6	74
124	Scientific drilling projects in ancient lakes: Integrating geological and biological histories. Global and Planetary Change, 2016, 143, 118-151.	1.6	33
125	Clumped isotope composition of cold-water corals: A role for vital effects?. Geochimica Et Cosmochimica Acta, 2016, 179, 123-141.	1.6	66
126	Western Mediterranean climate and environment since Marine Isotope Stage 3: a 50,000-year record from Lake Banyoles, Spain. Journal of Paleolimnology, 2016, 55, 113-128.	0.8	3

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127	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
128	Pliocene–Pleistocene evolution of sea surface and intermediate water temperatures from the southwest Pacific. <i>Paleoceanography</i> , 2016, 31, 895-913.	3.0	35
129	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
130	What drives interannual variation in tree ring oxygen isotopes in the Amazon?. <i>Geophysical Research Letters</i> , 2016, 43, 11,831.	1.5	27
131	Spatial patterns in the oxygen isotope composition of daily rainfall in the British Isles. <i>Climate Dynamics</i> , 2016, 47, 1971-1987.	1.7	20
132	The terrestrial landscapes of tetrapod evolution in earliest Carboniferous seasonal wetlands of SE Scotland. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 457, 52-69.	1.0	20
133	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.	4.2	15
134	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.	0.8	20
135	Comparisons of observed and modelled lake $\delta^{18}O$ variability. <i>Quaternary Science Reviews</i> , 2016, 131, 329-340.	1.4	34
136	Climatic variability during the last millennium in Western Iceland from lake sediment records. <i>Holocene</i> , 2016, 26, 756-771.	0.9	15
137	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.	0.4	10
138	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
139	Synoptic scale controls on the $\delta^{18}O$ in precipitation across Beringia. <i>Geophysical Research Letters</i> , 2015, 42, 4608-4616.	1.5	32
140	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.	1.1	12
141	Geochemical Evidence of the Seasonality, Affinity and Pigmentation of <i>Solenopora jurassica</i> . <i>PLoS ONE</i> , 2015, 10, e0138305.	1.1	5
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