

R Lawrence Edwards

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

463
papers

56,575
citations

100
h-index

232
g-index

483
ext. papers

64,036
ext. citations

8.2
avg, IF

7.23
L-index

#	Paper	IF	Citations
463	Indian summer monsoon variations during the Younger Dryas as revealed by a laminated stalagmite record from the Tibetan Plateau. <i>Quaternary Science Reviews</i> , 2022 , 278, 107375	3.9	0
462	Paleoclimatic and paleoenvironmental changes in Amazonian lowlands over the last three millennia. <i>Quaternary Science Reviews</i> , 2022 , 279, 107383	3.9	1
461	Additional multi-proxy stalagmite evidence from northeast Namibia supports recent models of wetter conditions during the 4.2 ka Event in the Southern Hemisphere. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022 , 586, 110756	2.9	2
460	Different response of stalagmite $\delta^{18}O$ and $\delta^{13}C$ to millennial-scale events during the last glacial, evidenced from Huangjin Cave, northern China. <i>Quaternary Science Reviews</i> , 2022 , 276, 107305	3.9	1
459	Influences on Asian summer monsoon during Dansgaard-Oeschger events 19 to 25 (70–15 kyr B.P.). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022 , 587, 110798	2.9	1
458	Marginal Reefs Under Stress: Physiological Limits Render Galapagos Corals Susceptible to Ocean Acidification and Thermal Stress. <i>AGU Advances</i> , 2022 , 3,	5.4	1
457	Stalagmite paleomagnetic record of a quiet mid-to-late Holocene field activity in central South America.. <i>Nature Communications</i> , 2022 , 13, 1349	17.4	0
456	A high-resolution stalagmite record from Luoshui Cave, Central China over the past 23.5 kyr. <i>Quaternary Science Reviews</i> , 2022 , 282, 107443	3.9	0
455	Central Equatorial Pacific Warming and Freshening in the Twentieth Century: Insights From a Coral Ensemble Approach. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	1
454	Highly resolved $\delta^{13}C$ and trace element ratios of precisely dated stalagmite from northwestern China: Hydroclimate reconstruction during the last two millennia. <i>Quaternary Science Reviews</i> , 2022 , 107473	3.9	0
453	Application of cave monitoring to constrain the value and source of detrital $^{230}Th/^{232}Th$ in speleothem calcite: Implications for U-series geochronology of speleothems. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022 , 596, 110978	2.9	
452	ENSO effect on hydroclimate changes in southeastern China over the past two millennia. <i>Quaternary Science Reviews</i> , 2022 , 285, 107539	3.9	
451	Episodic deposition of stalagmites in the northeastern Democratic Republic of the Congo suggests Equatorial Humid Periods during insolation maxima. <i>Quaternary Science Reviews</i> , 2022 , 286, 107552	3.9	0
450	Onset and termination of Heinrich Stadial 4 and the underlying climate dynamics. <i>Communications Earth & Environment</i> , 2021 , 2,	6.1	2
449	Collapse of the Liangzhu and other Neolithic cultures in the lower Yangtze region in response to climate change. <i>Science Advances</i> , 2021 , 7, eabi9275	14.3	7
448	Last interglacial hydroclimate in the Italian Prealps reconstructed from speleothem multi-proxy records (Bigonda Cave, NE Italy). <i>Quaternary Science Reviews</i> , 2021 , 272, 107243	3.9	2
447	Modulation of centennial-scale hydroclimate variations in the middle Yangtze River Valley by the East Asian-Pacific pattern and ENSO over the past two millennia. <i>Earth and Planetary Science Letters</i> , 2021 , 576, 117220	5.3	1

446	Holocene variability of East Asian summer monsoon as viewed from the speleothem $\delta^{18}O$ records in central China. <i>Earth and Planetary Science Letters</i> , 2021 , 558, 116758	5.3	10
445	Gradual South-North Climate Transition in the Atlantic Realm Within the Younger Dryas. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092620	4.9	2
444	Impacts of Coral Growth on Geochemistry: Lessons From the Galápagos Islands. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA004051	3.3	3
443	Uranium-Thorium Dating of Speleothems. <i>Elements</i> , 2021 , 17, 87-92	3.8	4
442	High precise dating on the variation of the Asian summer monsoon since 37 ka BP. <i>Scientific Reports</i> , 2021 , 11, 9375	4.9	3
441	Karst hydrological changes during the Late-Holocene in Southwestern China. <i>Quaternary Science Reviews</i> , 2021 , 258, 106865	3.9	3
440	Speleothem-Based Hydroclimate Reconstructions During the Penultimate Deglaciation in Northern China. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA004072	3.3	3
439	Changing chemistry of particulate manganese in the near- and far-field hydrothermal plumes from 15°S East Pacific Rise and its influence on metal scavenging. <i>Geochimica Et Cosmochimica Acta</i> , 2021 , 300, 95-118	5.5	4
438	A data-model comparison pinpoints Holocene spatiotemporal pattern of East Asian summer monsoon. <i>Quaternary Science Reviews</i> , 2021 , 261, 106911	3.9	14
437	Variability of PDO identified by a last 300-year stalagmite $\delta^{18}O$ record in Southwest China. <i>Quaternary Science Reviews</i> , 2021 , 261, 106947	3.9	2
436	Paleovegetation seesaw in Brazil since the Late Pleistocene: A multiproxy study of two biomes. <i>Earth and Planetary Science Letters</i> , 2021 , 563, 116880	5.3	2
435	Strong links between Saharan dust fluxes, monsoon strength, and North Atlantic climate during the last 5000 years. <i>Science Advances</i> , 2021 , 7,	14.3	3
434	A Last Interglacial speleothem record from the Sieben Hengste cave system (Switzerland): Implications for alpine paleovegetation. <i>Quaternary Science Reviews</i> , 2021 , 262, 106974	3.9	1
433	A 120-year seasonally resolved speleothem record of precipitation seasonality from southeastern China. <i>Quaternary Science Reviews</i> , 2021 , 264, 107023	3.9	2
432	Precise timing of MIS 7 substages from the Austrian Alps. <i>Climate of the Past</i> , 2021 , 17, 1443-1454	3.9	1
431	Little Ice Age climate changes in Southwest China from a stalagmite $\delta^{18}O$ record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 562, 110167	2.9	5
430	Megadrought and cultural exchange along the proto-silk road. <i>Science Bulletin</i> , 2021 , 66, 603-611	10.6	20
429	Ancient DNA and multimethod dating confirm the late arrival of anatomically modern humans in southern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	20

428	Th dating of flowstone from Ignatievskaya Cave, Russia: Age constraints of rock art and paleoclimate inferences. <i>Geoarchaeology - an International Journal</i> , 2021 , 36, 532-545	1.4	0
427	Seasonality of precipitation recorded in a modern (1907–2008) annually laminated stalagmite from central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 576, 110489	2.9	2
426	Human activity and climate change triggered the expansion of rocky desertification in the karst areas of Southwestern China. <i>Science China Earth Sciences</i> , 2021 , 64, 1761	4.6	2
425	Summer Monsoon Rainfall Variability in Central China over the Past 4700 Years and Its Possible Link to Solar Activity. <i>Journal of Meteorological Research</i> , 2021 , 35, 594-606	2.3	0
424	Early Holocene permafrost retreat in West Siberia amplified by reorganization of westerly wind systems. <i>Communications Earth & Environment</i> , 2021 , 2,	6.1	3
423	Heterogenous Late Holocene Climate in the Eastern Mediterranean—The Kocain Cave Record From SW Turkey. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094733	4.9	0
422	The Hockey Stick Imprint in Northwest African Speleothems. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094232	4.9	
421	Hydroclimate variability during the last 2700 years based on stalagmite multi-proxy records in the central-western Mediterranean. <i>Quaternary Science Reviews</i> , 2021 , 269, 107137	3.9	2
420	Novel method for determining ^{234}U and ^{238}U ages of Devils Hole 2 cave calcite (Nevada). <i>Geochronology</i> , 2021 , 3, 49-58	3.8	1
419	From cave geomorphology to Palaeolithic human behaviour: speleogenesis, palaeoenvironmental changes and archaeological insight in the Atxurra-Armiñ cave (northern Iberian Peninsula). <i>Journal of Quaternary Science</i> , 2020 , 35, 841-853	2.3	5
418	Coupling of Indo-Pacific climate variability over the last millennium. <i>Nature</i> , 2020 , 579, 385-392	50.4	63
417	Millennial-scale Asian monsoon variability during MIS 9 revealed by a high-resolution stalagmite $\delta^{18}\text{O}$ record in Luoshui Cave, central China. <i>Quaternary Science Reviews</i> , 2020 , 234, 106218	3.9	2
416	No consistent ENSO response to volcanic forcing over the last millennium. <i>Science</i> , 2020 , 367, 1477-1481	33.3	33
415	NALPS19: sub-orbital-scale climate variability recorded in northern Alpine speleothems during the last glacial period. <i>Climate of the Past</i> , 2020 , 16, 29-50	3.9	24
414	Paleohydrology of southwest Nevada (USA) based on groundwater $^{234}\text{U}/^{238}\text{U}$ over the past 475 k.y.. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 793-802	3.9	3
413	Initiation of a stable convective hydroclimatic regime in Central America circa 9000 years BP. <i>Nature Communications</i> , 2020 , 11, 716	17.4	14
412	Inter-relationship and environmental significance of stalagmite $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ records from Zhenzhu Cave, north China, over the last 130 ka. <i>Earth and Planetary Science Letters</i> , 2020 , 536, 116149	5.3	12
411	Late Holocene monsoon precipitation changes in southern China and their linkage to Northern Hemisphere temperature. <i>Quaternary Science Reviews</i> , 2020 , 232, 106191	3.9	8

410	Distribution Characteristics and Influencing Factors of Uranium Isotopes in Saline Lake Waters in the Northeast of Qaidam Basin. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 74	2.4	1
409	7700-year persistence of an isolated, free-living coral assemblage in the Galápagos Islands: a model for coral refugia?. <i>Coral Reefs</i> , 2020 , 39, 639-647	4.2	4
408	Relationships between climate change, human environmental impact, and megafaunal extinction inferred from a 4000-year multi-proxy record from a stalagmite from northwestern Madagascar. <i>Quaternary Science Reviews</i> , 2020 , 234, 106244	3.9	6
407	The Transpolar Drift as a Source of Riverine and Shelf-Derived Trace Elements to the Central Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2019JC015920	3.3	42
406	Enhanced El Niño Southern Oscillation Variability in Recent Decades. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL083906	4.9	39
405	Pluvial periods in Southern Arabia over the last 1.1 million-years. <i>Quaternary Science Reviews</i> , 2020 , 229, 106112	3.9	17
404	A novel application of triple oxygen isotope ratios of speleothems. <i>Geochimica Et Cosmochimica Acta</i> , 2020 , 270, 360-378	5.5	13
403	A multimillennial climatic context for the megafaunal extinctions in Madagascar and Mascarene Islands. <i>Science Advances</i> , 2020 , 6,	14.3	15
402	Holocene and deglaciation hydroclimate changes in northern China as inferred from stalagmite growth frequency. <i>Global and Planetary Change</i> , 2020 , 195, 103360	4.2	3
401	East Asian monsoon changes early in the last deglaciation and insights into the interpretation of oxygen isotope changes in the Chinese stalagmite record. <i>Quaternary Science Reviews</i> , 2020 , 250, 106699	3.9	8
400	Centennial-scale climatic changes in Central China during the Holocene climatic optimum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 558, 109950	2.9	2
399	Black carbon traces of human activities in stalagmites from Turkey. <i>Journal of Archaeological Science</i> , 2020 , 123, 105255	2.9	2
398	Holocene Monsoon Change and Abrupt Events on the Western Chinese Loess Plateau as Revealed by Accurately Dated Stalagmites. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL090273	4.9	19
397	Climate changes in Northeastern Brazil from deglacial to Meghalayan periods and related environmental impacts. <i>Quaternary Science Reviews</i> , 2020 , 250, 106655	3.9	9
396	Timing and structure of the Younger Dryas event and its underlying climate dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 23408-23417	11.5	37
395	A Continuous Record of Central Tropical Pacific Climate Since the Midnineteenth Century Reconstructed From Fanning and Palmyra Island Corals: A Case Study in Coral Data Reanalysis. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003848	3.3	4
394	A multiple-proxy stalagmite record reveals historical deforestation in central Shandong, northern China. <i>Science China Earth Sciences</i> , 2020 , 63, 1622-1632	4.6	7
393	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0B5 cal kBP). <i>Radiocarbon</i> , 2020 , 62, 725-757	4.6	1233

392	Exceptional warmth and climate instability occurred in the European Alps during the Last Interglacial period. <i>Communications Earth & Environment</i> , 2020 , 1,	6.1	5
391	U-Th dating of lake sediments: Lessons from the 700 ka sediment record of Lake Junb, Peru. <i>Quaternary Science Reviews</i> , 2020 , 244, 106422	3.9	5
390	The 7.2 ka climate event: Evidence from high-resolution stable isotopes and trace element records of stalagmite in Shuiming Cave, Chongqing, China. <i>Holocene</i> , 2020 , 30, 145-154	2.6	8
389	Rainfall variations in central Indo-Pacific over the past 2,700 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17201-17206	11.5	47
388	A High-Resolution Speleothem Record of Marine Isotope Stage 11 as a Natural Analog to Holocene Asian Summer Monsoon Variations. <i>Geophysical Research Letters</i> , 2019 , 46, 9949-9957	4.9	5
387	Orbital-to-millennial scale climate variability during Marine Isotope Stages 5 to 3 in northeast Iberia. <i>Quaternary Science Reviews</i> , 2019 , 224, 105946	3.9	10
386	Three-phased Heinrich Stadial 4 recorded in NE Brazil stalagmites. <i>Earth and Planetary Science Letters</i> , 2019 , 510, 94-102	5.3	13
385	North Atlantic Ice-Rafting, Ocean and Atmospheric Circulation During the Holocene: Insights From Western Mediterranean Speleothems. <i>Geophysical Research Letters</i> , 2019 , 46, 7614-7623	4.9	23
384	Central Europe temperature constrained by speleothem fluid inclusion water isotopes over the past 14,000 years. <i>Science Advances</i> , 2019 , 5, eaav3809	14.3	39
383	Millennial-scale glacial climate variability in Southeastern Alaska follows Dansgaard-Oeschger cyclicity. <i>Scientific Reports</i> , 2019 , 9, 7880	4.9	9
382	Timing and structure of the weak Asian Monsoon event about 73,000 years ago. <i>Quaternary Geochronology</i> , 2019 , 53, 101003	2.7	8
381	U-Th and radiocarbon dating of calcite speleothems from gypsum caves (Emilia Romagna, North Italy). <i>Quaternary Geochronology</i> , 2019 , 52, 51-62	2.7	4
380	Archaic human remains from Hualongdong, China, and Middle Pleistocene human continuity and variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9820-9824	11.5	24
379	Shallow particulate organic carbon regeneration in the South Pacific Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9753-9758	11.5	24
378	The African Humid Period, rapid climate change events, the timing of human colonization, and megafaunal extinctions in Madagascar during the Holocene: Evidence from a 2m Anjohibe Cave stalagmite. <i>Quaternary Science Reviews</i> , 2019 , 210, 136-153	3.9	22
377	Early-Holocene monsoon instability and climatic optimum recorded by Chinese stalagmites. <i>Holocene</i> , 2019 , 29, 1059-1067	2.6	28
376	Spatio-temporal evolution of Australasian monsoon hydroclimate over the last 40,000 years. <i>Earth and Planetary Science Letters</i> , 2019 , 513, 103-112	5.3	17
375	Reconstruction of Holocene coupling between the South American Monsoon System and local moisture variability from speleothem $\delta^{18}O$ and $87Sr/86Sr$ records. <i>Quaternary Science Reviews</i> , 2019 , 210, 51-63	3.9	16

374	A new speleothem record of the penultimate deglacial: Insights into spatial variability and centennial-scale instabilities of East Asian monsoon. <i>Quaternary Science Reviews</i> , 2019 , 210, 113-124	3.9	5
373	Integrating U-Th, 14C, and 210Pb methods to produce a chronologically reliable isotope record for the Belize River Valley Maya from a low-uranium stalagmite. <i>Holocene</i> , 2019 , 29, 1234-1248	2.6	6
372	Application of Avaatech X-ray fluorescence core-scanning in Sr/Ca analysis of speleothems. <i>Science China Earth Sciences</i> , 2019 , 62, 964-973	4.6	7
371	Millennial and orbital scale variability of the South American Monsoon during the penultimate glacial period. <i>Scientific Reports</i> , 2019 , 9, 1234	4.9	5
370	Is Chinese stalagmite $\delta^{18}O$ solely controlled by the Indian summer monsoon?. <i>Climate Dynamics</i> , 2019 , 53, 2969-2983	4.2	11
369	East Asian summer monsoon climates and cave hydrological cycles over Dansgaard-Oeschger events 14 to 11 revealed by a new stalagmite record from Hulu Cave. <i>Quaternary Research</i> , 2019 , 92, 725-737	1.9	4
368	Vegetation and environmental changes in tropical South America from the last glacial to the Holocene documented by multiple cave sediment proxies. <i>Earth and Planetary Science Letters</i> , 2019 , 524, 115717	5.3	16
367	Eastern North American climate in phase with fall insolation throughout the last three glacial-interglacial cycles. <i>Earth and Planetary Science Letters</i> , 2019 , 522, 125-134	5.3	5
366	The Asian Summer Monsoon: Teleconnections and Forcing Mechanisms—A Review from Chinese Speleothem $\delta^{18}O$ Records. <i>Quaternary</i> , 2019 , 2, 26	2.2	40
365	Distinct Permafrost Conditions Across the Last Two Glacial Periods in Midlatitude North America. <i>Geophysical Research Letters</i> , 2019 , 46, 13318-13326	4.9	7
364	Ocean-atmosphere interconnections from the last interglacial to the early glacial: An integration of marine and cave records in the Iberian region. <i>Quaternary Science Reviews</i> , 2019 , 226, 106037	3.9	8
363	Role of climate in the rise and fall of the Neo-Assyrian Empire. <i>Science Advances</i> , 2019 , 5, eaax6656	14.3	32
362	Control of insolation on stalagmite growth, rainfall, and migration of the tropical rain belt in northern Namibia over the last 100 kyr, as suggested by a rare MIS 5b-5c stalagmite from Dante Cave. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 535, 109348	2.9	3
361	First pre-modern record of the gyrfalcon (<i>Falco rusticolus</i>) in north-east Greenland. <i>Polar Research</i> , 2019 , 38,	2	1
360	Characterizing the Eemian-Weichselian transition in northwestern Europe with three multiproxy speleothem archives from the Belgian Han-sur-Lesse and Remouchamps cave systems. <i>Quaternary Science Reviews</i> , 2019 , 208, 21-37	3.9	4
359	Timing and structure of Termination II in north China constrained by a precisely dated stalagmite record. <i>Earth and Planetary Science Letters</i> , 2019 , 512, 1-7	5.3	5
358	Medieval Climate Variability in the eastern Amazon-Cerrado regions and its archeological implications. <i>Scientific Reports</i> , 2019 , 9, 20306	4.9	6
357	Gas Hydrate Dissociation During Sea-Level Highstand Inferred From U/Th Dating of Seep Carbonate From the South China Sea. <i>Geophysical Research Letters</i> , 2019 , 46, 13928-13938	4.9	18

356	Changes in Circulation and Particle Scavenging in the Amerasian Basin of the Arctic Ocean over the Last Three Decades Inferred from the Water Column Distribution of Geochemical Tracers. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 9338-9363	3.3	11
355	How Far North Did the African Monsoon Fringe Expand During the African Humid Period? Insights From Southwest Moroccan Speleothems. <i>Geophysical Research Letters</i> , 2019 , 46, 14093-14102	4.9	15
354	Investigating the 8.2 ka event in northwestern Madagascar: Insight from data-model comparisons. <i>Quaternary Science Reviews</i> , 2019 , 204, 172-186	3.9	11
353	Timescales of hydrothermal scavenging in the South Pacific Ocean from ²³⁴ Th, ²³⁰ Th, and ²²⁸ Th. <i>Earth and Planetary Science Letters</i> , 2019 , 506, 146-156	5.3	8
352	Reconstructing the western boundary variability of the Western Pacific Subtropical High over the past 200 years via Chinese cave oxygen isotope records. <i>Climate Dynamics</i> , 2019 , 52, 3741-3757	4.2	17
351	Evidence of thermophilisation and elevation-dependent warming during the Last Interglacial in the Italian Alps. <i>Scientific Reports</i> , 2018 , 8, 2680	4.9	14
350	Contrasting Patterns in Abrupt Asian Summer Monsoon Changes in the Last Glacial Period and the Holocene. <i>Paleoceanography and Paleoclimatology</i> , 2018 , 33, 214-226	3.3	15
349	Climate dynamics during the penultimate glacial period recorded in a speleothem from Kanaan Cave, Lebanon (central Levant). <i>Quaternary Research</i> , 2018 , 90, 10-25	1.9	9
348	South American monsoon response to iceberg discharge in the North Atlantic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3788-3793	11.5	46
347	The timing, two-pulsed nature, and variable climatic expression of the 4.2 ka event: A review and new high-resolution stalagmite data from Namibia. <i>Quaternary Science Reviews</i> , 2018 , 186, 78-90	3.9	32
346	Intense hydrothermal scavenging of ²³⁰ Th and ²³¹ Pa in the deep Southeast Pacific. <i>Marine Chemistry</i> , 2018 , 201, 212-228	3.7	35
345	High resolution monsoon precipitation changes on southeastern Tibetan Plateau over the past 2300 years. <i>Quaternary Science Reviews</i> , 2018 , 195, 122-132	3.9	51
344	Two Millennia of South Atlantic Convergence Zone Variability Reconstructed From Isotopic Proxies. <i>Geophysical Research Letters</i> , 2018 , 45, 5045-5051	4.9	35
343	A 200-year annually laminated stalagmite record of precipitation seasonality in southeastern China and its linkages to ENSO and PDO. <i>Scientific Reports</i> , 2018 , 8, 12344	4.9	30
342	Replacement Times of a Spectrum of Elements in the North Atlantic Based on Thorium Supply. <i>Global Biogeochemical Cycles</i> , 2018 , 32, 1294-1311	5.9	23
341	Ion microprobe $\delta^{18}O$ analyses to calibrate slow growth rate speleothem records with regional $\delta^{18}O$ records of precipitation. <i>Earth and Planetary Science Letters</i> , 2018 , 482, 367-376	5.3	11
340	Centennial- to decadal-scale monsoon precipitation variations in the upper Hanjiang River region, China over the past 6650 years. <i>Earth and Planetary Science Letters</i> , 2018 , 482, 580-590	5.3	54
339	Importance of Hydrothermal Vents in Scavenging Removal of ²³⁰ Th in the Nansen Basin. <i>Geophysical Research Letters</i> , 2018 , 45, 10,539-10,548	4.9	12

338	Connecting the Greenland ice-core and U/Th timescales via cosmogenic radionuclides: testing the synchronicity of Dansgaard-Oeschger events. <i>Climate of the Past</i> , 2018 , 14, 1755-1781	3.9	38
337	Multi-decadal to centennial hydro-climate variability and linkage to solar forcing in the Western Mediterranean during the last 1000 years. <i>Scientific Reports</i> , 2018 , 8, 17446	4.9	18
336	Hydro-climatic variability in the southwestern Indian Ocean between 6000 and 3000 years ago. <i>Climate of the Past</i> , 2018 , 14, 1881-1891	3.9	15
335	Atmospheric C/C changes during the last glacial period from Hulu Cave. <i>Science</i> , 2018 , 362, 1293-1297	33.3	63
334	Evaluating the timing and structure of the 4.2 ka event in the Indian summer monsoon domain from an annually resolved speleothem record from Northeast India. <i>Climate of the Past</i> , 2018 , 14, 1869-1879	3.9	45
333	Hydroclimatic variations in southeastern China during the 4.2 ka event reflected by stalagmite records. <i>Climate of the Past</i> , 2018 , 14, 1805-1817	3.9	33
332	Flux of Particulate Elements in the North Atlantic Ocean Constrained by Multiple Radionuclides. <i>Global Biogeochemical Cycles</i> , 2018 , 32, 1738-1758	5.9	27
331	Speleothem record of geomagnetic South Atlantic Anomaly recurrence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 13198-13203	11.5	17
330	Moisture availability in the southwest United States over the last three glacial-interglacial cycles. <i>Science Advances</i> , 2018 , 4, eaau1375	14.3	12
329	High-resolution reconstruction of 8.2-ka BP event documented in Pfe No1 cave, southern Belgium. <i>Journal of Quaternary Science</i> , 2018 , 33, 840-852	2.3	9
328	Precipitation changes over the eastern Bolivian Andes inferred from speleothem ($\delta^{18}O$) records for the last 1400 years. <i>Earth and Planetary Science Letters</i> , 2018 , 494, 124-134	5.3	20
327	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018 , 493, 210-223	4.2	195
326	Timing and duration of the East Asian summer monsoon maximum during the Holocene based on stalagmite data from North China. <i>Holocene</i> , 2018 , 28, 1631-1641	2.6	24
325	A multi-proxy climate record from a northwestern Botswana stalagmite suggesting wetness late in the Little Ice Age (1810-1820 CE) and drying thereafter in response to changing migration of the tropical rain belt or ITCZ. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 506, 139-153	2.9	7
324	Decreasing monsoon precipitation in southwest China during the last 240 years associated with the warming of tropical ocean. <i>Climate Dynamics</i> , 2017 , 48, 1769-1778	4.2	53
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