Hai Cheng

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530 papers	44,733 citations	93 h-index	203 g-index
556 ext. papers	52,181 ext. citations	7 avg, IF	7.23 L-index

#	Paper	IF	Citations
530	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0-50,000 Years cal BP. *Radiocarbon*, **2013**, 55, 1869-1887	4.6	8493
529	A high-resolution absolute-dated late Pleistocene Monsoon record from Hulu Cave, China. *Science*, **2001**, 294, 2345-8	33.3	2145
528	The Holocene Asian monsoon: links to solar changes and North Atlantic climate. *Science*, **2005**, 308, 854-7	33.3	1771
527	Millennial- and orbital-scale changes in the East Asian monsoon over the past 224,000 years. *Nature* , **2008**, 451, 1090-3	50.4	1289
526	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0-55 cal kBP). *Radiocarbon*, **2020**, 62, 725-757	4.6	1233
525	A high-resolution, absolute-dated Holocene and deglacial Asian monsoon record from Dongge Cave, China. *Earth and Planetary Science Letters*, **2005**, 233, 71-86	5.3	1199
524	The half-lives of uranium-234 and thorium-230. *Chemical Geology*, **2000**, 169, 17-33	4.2	961
523	Timing, duration, and transitions of the last interglacial Asian monsoon. *Science*, **2004**, 304, 575-8	33.3	867
522	Improvements in 230Th dating, 230Th and 234U half-life values, and U-Th isotopic measurements by multi-collector inductively coupled plasma mass spectrometry. *Earth and Planetary Science Letters*, **2013**, 371-372, 82-91	5.3	752
521	A test of climate, sun, and culture relationships from an 1810-year Chinese cave record. *Science*, **2008**, 322, 940-2	33.3	728
520	El Niño/Southern Oscillation and tropical Pacific climate during the last millennium. *Nature*, **2003**, 424, 271-6	50.4	681
519	Ice age terminations. *Science*, **2009**, 326, 248-52	33.3	655
518	The Asian monsoon over the past 640,000 years and ice age terminations. *Nature*, **2016**, 534, 640-6	50.4	589
517	Wet periods in northeastern Brazil over the past 210 kyr linked to distant climate anomalies. *Nature* , **2004**, 432, 740-3	50.4	587
516	Rapid sea-level fall and deep-ocean temperature change since the last interglacial period. *Earth and Planetary Science Letters*, **2003**, 206, 253-271	5.3	351
515	Chinese cave records and the East Asia Summer Monsoon. *Quaternary Science Reviews*, **2014**, 83, 115-128	3.9	344
514	Uranium and thorium isotopic and concentration measurements by magnetic sector inductively coupled plasma mass spectrometry. *Chemical Geology*, **2002**, 185, 165-178	4.2	343

513	Climate change patterns in Amazonia and biodiversity. *Nature Communications*, **2013**, 4, 1411	17.4	336
512	Global climate evolution during the last deglaciation. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E1134-42	11.5	321
511	Timing and climatic impact of Greenland interstadials recorded in stalagmites from northern Turkey. *Geophysical Research Letters*, **2009**, 36,	4.9	313
510	The variation of summer monsoon precipitation in central China since the last deglaciation. *Earth and Planetary Science Letters*, **2010**, 291, 21-31	5.3	303
509	Highly variable El Niño-Southern Oscillation throughout the Holocene. *Science*, **2013**, 339, 67-70	33.3	296
508	Early human occupation of the Red Sea coast of Eritrea during the last interglacial. *Nature*, **2000**, 405, 65-9	50.4	270
507	Earthquake supercycles inferred from sea-level changes recorded in the corals of West Sumatra. *Science*, **2008**, 322, 1674-8	33.3	266
506	The earliest unequivocally modern humans in southern China. *Nature*, **2015**, 526, 696-9	50.4	263
505	The climatic cyclicity in semiarid-arid central Asia over the past 500,000 years. *Geophysical Research Letters*, **2012**, 39, n/a-n/a	4.9	261
504	Sea-level variability over five glacial cycles. *Nature Communications*, **2014**, 5, 5076	17.4	230
503	Orbitally driven east–west antiphasing of South American precipitation. *Nature Geoscience*, **2009**, 2, 210-214	18.3	230
502	The Global Paleomonsoon as seen through speleothem records from Asia and the Americas. *Climate Dynamics*, **2012**, 39, 1045-1062	4.2	226
501	Onset of deglacial warming in West Antarctica driven by local orbital forcing. *Nature*, **2013**, 500, 440-4	50.4	219
500	High-precision and high-resolution carbonate 230Th dating by MC-ICP-MS with SEM protocols. *Geochimica Et Cosmochimica Acta*, **2012**, 99, 71-86	5.5	218
499	Interhemispheric anti-phasing of rainfall during the last glacial period. *Quaternary Science Reviews*, **2006**, 25, 3391-3403	3.9	211
498	Global Monsoon Dynamics and Climate Change. *Annual Review of Earth and Planetary Sciences*, **2015**, 43, 29-77	15.3	207
497	Variability of Southwest Indian summer monsoon precipitation during the Bølling-Ållerød. *Geology*, **2005**, 33, 813	5	205
496	Timing and structure of the 8.2 kyr B.P. event inferred from δ18O records of stalagmites from China, Oman, and Brazil. *Geology*, **2009**, 37, 1007-1010	5	204

495	Deep-Sea coral evidence for rapid change in ventilation of the deep north atlantic 15,400 years Ago. *Science*, **1998**, 280, 725-8	33.3	195
494	The GEOTRACES Intermediate Data Product 2017. *Chemical Geology*, **2018**, 493, 210-223	4.2	195
493	A high-resolution stalagmite record of the Holocene East Asian monsoon from Mt Shennongjia, central China. *Holocene*, **2010**, 20, 257-264	2.6	194
492	A 900-year (600 to 1500 A.D.) record of the Indian summer monsoon precipitation from the core monsoon zone of India. *Geophysical Research Letters*, **2007**, 34,	4.9	193
491	Hydroclimate changes across the Amazon lowlands over the past 45,000 years. *Nature*, **2017**, 541, 204-207	36.4	192
490	Millennial-scale precipitation changes in southern Brazil over the past 90,000 years. *Geophysical Research Letters*, **2007**, 34, n/a-n/a	4.9	192
489	A penultimate glacial monsoon record from Hulu Cave and two-phase glacial terminations. *Geology*, **2006**, 34, 217	5	186
488	Direct determination of the timing of sea level change during termination II. *Science*, **2002**, 295, 310-3	33.3	186
487	U-Th dating of deep-sea corals. *Geochimica Et Cosmochimica Acta*, **2000**, 64, 2401-2416	5.5	181
486	The global monsoon across time scales: Mechanisms and outstanding issues. *Earth-Science Reviews*, **2017**, 174, 84-121	10.2	180
485	A review of the South American monsoon history as recorded in stable isotopic proxies over the past two millennia. *Climate of the Past*, **2012**, 8, 1309-1321	3.9	178
484	The leading mode of Indian Summer Monsoon precipitation variability during the last millennium. *Geophysical Research Letters*, **2011**, 38,	4.9	168
483	Human remains from Zhirendong, South China, and modern human emergence in East Asia. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 19201-6	11.5	168
482	A +20 m middle Pleistocene sea-level highstand (Bermuda and the Bahamas) due to partial collapse of Antarctic ice. *Geology*, **1999**, 27, 375	5	164
481	High-latitude forcing of the South American summer monsoon during the Last Glacial. *Science*, **2012** , 335, 570-3	33.3	161
480	Putting the Younger Dryas cold event into context. *Quaternary Science Reviews*, **2010**, 29, 1078-1081	3.9	160
479	Variability of stalagmite-inferred Indian monsoon precipitation over the past 252,000 y. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 2954-9	11.5	159
478	Protactinium-231 Dating of Carbonates by Thermal Ionization Mass Spectrometry: Implications for Quaternary Climate Change. *Science*, **1997**, 276, 782-6	33.3	154

477	Pleistocene water intrusions from the Mediterranean and Caspian seas into the Black Sea. *Nature Geoscience*, **2011**, 4, 236-239	18.3	153
476	North Atlantic storm track changes during the Last Glacial Maximum recorded by Alpine speleothems. *Nature Communications*, **2015**, 6, 6344	17.4	148
475	Climate on the southern Black Sea coast during the Holocene: implications from the Sofular Cave record. *Quaternary Science Reviews*, **2011**, 30, 2433-2445	3.9	146
474	Measurement of attogram quantities of 231Pa in dissolved and particulate fractions of seawater by isotope dilution thermal ionization mass spectroscopy. *Analytical Chemistry*, **2003**, 75, 1075-9	7.8	146
473	Formal ratification of the subdivision of the Holocene Series/Epoch (Quaternary System/Period): two new Global Boundary Stratotype Sections and Points (GSSPs) and three new stages/subseries. *Episodes*, **2018**, 41, 213-223	1.6	145
472	Abrupt changes in Indian summer monsoon strength during 33,800 to 5500 years B.P.. *Geophysical Research Letters*, **2015**, 42, 5526-5532	4.9	139
471	Variation of initial 230Th/232Th and limits of high precision U-Th dating of shallow-water corals. *Geochimica Et Cosmochimica Acta*, **2008**, 72, 4201-4223	5.5	137
470	A global context for megadroughts in monsoon Asia during the past millennium. *Quaternary Science Reviews*, **2011**, 30, 47-62	3.9	135
469	Source parameters of the great Sumatran megathrust earthquakes of 1797 and 1833 inferred from coral microatolls. *Journal of Geophysical Research*, **2006**, 111, n/a-n/a		135
468	The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. *Earth and Planetary Science Letters*, **2012**, 335-336, 135-144	5.3	129
467	Indian monsoon variability on millennial-orbital timescales. *Scientific Reports*, **2016**, 6, 24374	4.9	128
466	The WAIS Divide deep ice core WD2014 chronology - Part 1: Methane synchronization (68-31 ka BP) and the gas age-ice age difference. *Climate of the Past*, **2015**, 11, 153-173	3.9	127
465	Trends and oscillations in the Indian summer monsoon rainfall over the last two millennia. *Nature Communications*, **2015**, 6, 6309	17.4	127
464	East Asian monsoon variability since the Mid-Holocene recorded in a high-resolution, absolute-dated aragonite speleothem from eastern China. *Earth and Planetary Science Letters*, **2008**, 275, 296-307	5.3	126
463	A high-resolution record of atmospheric 14C based on Hulu Cave speleothem H82. *Quaternary Science Reviews*, **2012**, 33, 32-41	3.9	124
462	High resolution characterization of the Asian Monsoon between 146,000 and 99,000 years B.P. from Dongge Cave, China and global correlation of events surrounding Termination II. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2006**, 236, 20-38	2.9	123
461	Persistent multidecadal power of the Indian Summer Monsoon. *Earth and Planetary Science Letters*, **2010**, 290, 166-172	5.3	121
460	Early Neanderthal constructions deep in Bruniquel Cave in southwestern France. *Nature*, **2016**, 534, 111-4	40.4	121

459	COnstructing Proxy Records from Age models (COPRA). *Climate of the Past*, **2012**, 8, 1765-1779	3.9	117
458	The Indian monsoon variability and civilization changes in the Indian subcontinent. *Science Advances* , **2017**, 3, e1701296	14.3	114
457	ENSO drove 2500-year collapse of eastern Pacific coral reefs. *Science*, **2012**, 337, 81-4	33.3	114
456	Stalagmite evidence from Belize indicating significant droughts at the time of Preclassic Abandonment, the Maya Hiatus, and the Classic Maya collapse. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2007**, 250, 1-17	2.9	111
455	Long-term trend and abrupt events of the Holocene Asian monsoon inferred from a stalagmite δ18O record from Shennongjia in Central China. *Science Bulletin*, **2006**, 51, 221-228		110
454	U-series dating and taphonomy of Quaternary vertebrates from Brazilian caves. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2006**, 240, 508-522	2.9	110
453	The global monsoon across timescales: coherent variability of regional monsoons. *Climate of the Past*, **2014**, 10, 2007-2052	3.9	109
452	NALPS: a precisely dated European climate record 120-60 ka. *Climate of the Past*, **2011**, 7, 1247-1259	3.9	108
451	Authigenic carbonates from seeps on the northern continental slope of the South China Sea: New insights into fluid sources and geochronology. *Marine and Petroleum Geology*, **2013**, 43, 260-271	4.7	107
450	Quaternary ecological and geomorphic changes associated with rainfall events in presently semi-arid northeastern Brazil. *Journal of Quaternary Science*, **2004**, 19, 693-701	2.3	104
449	High-resolution variability of the South American summer monsoon over the last seven millennia: insights from a speleothem record from the central Peruvian Andes. *Quaternary Science Reviews*, **2013**, 75, 1-10	3.9	101
448	Land surface temperature changes in Northern Iberia since 4000yrBP, based on δ13C of speleothems. *Global and Planetary Change*, **2011**, 77, 1-12	4.2	101
447	Paleoclimate reconstruction in the Levant region from the geochemistry of a Holocene stalagmite from the Jeita cave, Lebanon. *Quaternary Research*, **2008**, 70, 368-381	1.9	100
446	Quaternary glaciation and hydrologic variation in the South American tropics as reconstructed from the Lake Titicaca drilling project. *Quaternary Research*, **2007**, 68, 410-420	1.9	100
445	High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. *Geology*, **2006**, 34, 621	5	100
444	Uranium-series Dating of Marine and Lacustrine Carbonates. *Reviews in Mineralogy and Geochemistry*, **2003**, 52, 363-405	7.1	100
443	East Asian hydroclimate modulated by the position of the westerlies during Termination I. *Science*, **2018**, 362, 580-583	33.3	98
442	Abrupt variations in South American monsoon rainfall during the Holocene based on a speleothem record from central-eastern Brazil. *Geology*, **2011**, 39, 1075-1078	5	97

441	Potential role of winter rainfall in explaining increased moisture in the Mediterranean and Middle East during periods of maximum orbitally-forced insolation seasonality. *Climate Dynamics*, **2014**, 42, 1079-1095	4.2	94
440	The climate variability in northern Levant over the past 20,000 years. *Geophysical Research Letters*, **2015**, 42, 8641-8650	4.9	93
439	U/Th-dating living and young fossil corals from the central tropical Pacific. *Earth and Planetary Science Letters*, **2003**, 210, 91-103	5.3	93
438	Summer monsoon precipitation variations in central China over the past 750 years derived from a high-resolution absolute-dated stalagmite. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2009**, 280, 432-439	2.9	91
437	Sequence of mammalian fossils, including hominoid teeth, from the Bubing Basin caves, South China. *Journal of Human Evolution*, **2007**, 52, 370-9	3.1	90
436	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. *Quaternary Science Reviews*, **2017**, 158, 15-28	3.9	87
435	Holocene ENSO-related cyclic storms recorded by magnetic minerals in speleothems of central China. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 852-857	11.5	83
434	Paleogeodetic records of seismic and aseismic subduction from central Sumatran microatolls, Indonesia. *Journal of Geophysical Research*, **2004**, 109,		78
433	A high-resolution history of the South American Monsoon from Last Glacial Maximum to the Holocene. *Scientific Reports*, **2017**, 7, 44267	4.9	77
432	Climate variations of Central Asia on orbital to millennial timescales. *Scientific Reports*, **2016**, 5, 36975	4.9	77
431	Timing and structure of the Younger Dryas event in northern China. *Quaternary Science Reviews*, **2012**, 41, 83-93	3.9	77
430	Multidecadal climate variability in Brazil's Nordeste during the last 3000 years based on speleothem isotope records. *Geophysical Research Letters*, **2012**, 39, n/a-n/a	4.9	77
429	Seasonal and interannual variability of the Mid-Holocene East Asian monsoon in coral 18O records from the South China Sea. *Earth and Planetary Science Letters*, **2005**, 237, 69-84	5.3	75
428	Subdividing the Holocene Series/Epoch: formalization of stages/ages and subseries/subepochs, and designation of GSSPs and auxiliary stratotypes. *Journal of Quaternary Science*, **2019**, 34, 173-186	2.3	74
427	230Th and 231Pa on GEOTRACES GA03, the U.S. GEOTRACES North Atlantic transect, and implications for modern and paleoceanographic chemical fluxes. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2015**, 116, 29-41	2.3	74
426	A new perspective on the hydroclimate variability in northern South America during the Little Ice Age. *Geophysical Research Letters*, **2009**, 36,	4.9	74
425	Time-scales of Differentiation from Mafic Parents to Rhyolite in North American Continental Arcs. *Journal of Petrology*, **2003**, 44, 1703-1726	3.9	74
424	Geochronology of late Pleistocene to Holocene speleothemsfrom central Texas: Implications for regional paleoclimate. *Bulletin of the Geological Society of America*, **2001**, 113, 1532-1543	3.9	72

423	Timing and structure of Mega-SACZ events during Heinrich Stadial 1. *Geophysical Research Letters*, **2015**, 42, 5477	4.9	70
422	Intensity of Th and Pa scavenging partitioned by particle chemistry in the North Atlantic Ocean. *Marine Chemistry*, **2015**, 170, 49-60	3.7	68
421	Speleothem climate records from deep time? Exploring the potential with an example from the Permian. *Geology*, **2010**, 38, 455-458	5	68
420	Uranium-series coral ages from the US Atlantic Coastal Plain: the 80ka problem revisited. *Quaternary International*, **2004**, 120, 3-14	2	68
419	Radiocarbon Calibration and Comparison to 50 Kyr BP with Paired 14C and 230Th Dating of Corals from Vanuatu and Papua New Guinea. *Radiocarbon*, **2004**, 46, 1127-1160	4.6	66
418	Uranium-thorium-protactinium dating systematics. *Geochimica Et Cosmochimica Acta*, **1998**, 62, 3437-3452	3.5	65
417	High-precision U-series dating of Locality 1 at Zhoukoudian, China. *Journal of Human Evolution*, **2001**, 41, 679-88	3.1	65
416	Coupling of Indo-Pacific climate variability over the last millennium. *Nature*, **2020**, 579, 385-392	50.4	63
415	Atmospheric C/C changes during the last glacial period from Hulu Cave. *Science*, **2018**, 362, 1293-1297	33.3	63
414	Rapid forearc uplift and subsidence caused by impinging bathymetric features: Examples from the New Hebrides and Solomon arcs. *Tectonics*, **2005**, 24, n/a-n/a	4.3	62
413	An Abrupt Shift in the Indian Monsoon 4000 Years Ago. *Geophysical Monograph Series*, **2013**, 75-88	1.1	61
412	Abrupt change of Antarctic moisture origin at the end of Termination II. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 12091-4	11.5	61
411	High-resolution Holocene South American monsoon history recorded by a speleothem from Botuverá Cave, Brazil. *Earth and Planetary Science Letters*, **2016**, 450, 186-196	5.3	61
410	Centennial-scale solar forcing of the South American Monsoon System recorded in stalagmites. *Scientific Reports*, **2016**, 6, 24762	4.9	60
409	Precise dating of abrupt shifts in the Asian Monsoon during the last deglaciation based on stalagmite data from Yamen Cave, Guizhou Province, China. *Science China Earth Sciences*, **2010**, 53, 633-641	4.6	60
408	Multi-speleothem record reveals tightly coupled climate between central Europe and Greenland during Marine Isotope Stage 3. *Geology*, **2014**, 42, 1043-1046	5	59
407	Early maximum extent of paleoglaciers from Mediterranean mountains during the last glaciation. *Scientific Reports*, **2013**, 3, 2034	4.9	59
406	A Speleothem Record of Younger Dryas Cooling, Klamath Mountains, Oregon, USA. *Quaternary Research*, **2005**, 64, 249-256	1.9	59

405	Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope Stage 5. *Geology*, **2010**, 38, 243-246	5	58
404	High-resolution summer precipitation variations in the western Chinese Loess Plateau during the last glacial. *Scientific Reports*, **2013**, 3, 2785	4.9	56
403	Radiocarbon Dating of Deep-Sea Corals. *Radiocarbon*, **2002**, 44, 567-580	4.6	56
402	(231Pa/235U)-(230Th/238U) of young mafic volcanic rocks from Nicaragua and Costa Rica and the influence of flux melting on U-series systematics of arc lavas. *Geochimica Et Cosmochimica Acta*, **2002**, 66, 4287-4309	5.5	56
401	Paleoclimate and growth rates of speleothems in the northwestern Iberian Peninsula over the last two glacial cycles. *Quaternary Research*, **2013**, 80, 284-290	1.9	55
400	Precipitation evolution of Central Asia during the last 5000 years. *Holocene*, **2017**, 27, 142-154	2.6	55
399	Hydrological change in Southern Europe responding to increasing North Atlantic overturning during Greenland Stadial 1. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 6568-72	11.5	54
398	Centennial- to decadal-scale monsoon precipitation variations in the upper Hanjiang River region, China over the past 6650 years. *Earth and Planetary Science Letters*, **2018**, 482, 580-590	5.3	54
397	Decreasing monsoon precipitation in southwest China during the last 240 years associated with the warming of tropical ocean. *Climate Dynamics*, **2017**, 48, 1769-1778	4.2	53
396	U⁄Th systematics and 230Th ages of carbonate chimneys at the Lost City Hydrothermal Field. *Geochimica Et Cosmochimica Acta*, **2011**, 75, 1869-1888	5.5	53
395	The Homo sapiens Cave hominin site of Mulan Mountain, Jiangzhou District, Chongzuo, Guangxi with emphasis on its age. *Science Bulletin*, **2009**, 54, 3848-3856		53
394	High-resolution stalagmite ⁄18O records of Asian monsoon changes in central and southern China spanning the MIS 3/2 transition. *Earth and Planetary Science Letters*, **2010**, 298, 191-198	5.3	52
393	High resolution monsoon precipitation changes on southeastern Tibetan Plateau over the past 2300 years. *Quaternary Science Reviews*, **2018**, 195, 122-132	3.9	51
392	A high-resolved record of the Asian Summer Monsoon from Dongge Cave, China for the past 1200 years. *Quaternary Science Reviews*, **2015**, 122, 250-257	3.9	51
391	Hydroclimate variability of the northwestern Amazon Basin near the Andean foothills of Peru related to the South American Monsoon System during the last 1600 years. *Climate of the Past*, **2014**, 10, 1967-1981	3.9	51
390	U/Th dating of cold-seep carbonates: An initial comparison. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2010**, 57, 2055-2060	2.3	51
389	The Holocene Pulleniatina Minimum Event revisited: Geochemical and faunal evidence from the Okinawa Trough and upper reaches of the Kuroshio current. *Marine Micropaleontology*, **2006**, 59, 153-170	1.7	51
388	How well can we quantify dust deposition to the ocean?. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2016**, 374,	3	50

387	Lacustrine cave carbonates: Novel archives of paleohydrologic change in the Bonneville Basin (Utah, USA). *Earth and Planetary Science Letters*, **2012**, 351-352, 182-194	5.3	50
386	Mid- to late Holocene Indian Ocean Monsoon variability recorded in four speleothems from Socotra Island, Yemen. *Quaternary Science Reviews*, **2013**, 65, 129-142	3.9	48
385	Rainfall variations in central Indo-Pacific over the past 2,700 y. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 17201-17206	11.5	47
384	A Great Basin-wide dry episode during the first half of the Mystery Interval?. *Quaternary Science Reviews*, **2009**, 28, 2557-2563	3.9	47
383	Evidence of a prolonged drought ca. 4200 yr BP correlated with prehistoric settlement abandonment from the Gueldaman GLD1 Cave, Northern Algeria. *Climate of the Past*, **2016**, 12, 1-14	3.9	47
382	Direct measurements of deglacial monsoon strength in a Chinese stalagmite. *Geology*, **2015**, 43, 555-558	5	46
381	South American monsoon response to iceberg discharge in the North Atlantic. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 3788-3793	11.5	46
380	Age of the Laschamp excursion determined by U-Th dating of a speleothem geomagnetic record from North America. *Geology*, **2016**, 44, 139-142	5	46
379	Mid-latitude interhemispheric hydrologic seesaw over the past 550,000 years. *Nature*, **2014**, 508, 378-82	50.4	46
378	A petrographic and geochemical record of climate change over the last 4600years from a northern Namibia stalagmite, with evidence of abruptly wetter climate at the beginning of southern Africa's Iron Age. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2013**, 376, 149-162	2.9	46
377	An evaluation of quantitative reconstruction of past precipitation records using coral skeletal Sr/Ca and 18O data. *Earth and Planetary Science Letters*, **2005**, 237, 370-386	5.3	46
376	Evolution of marine terraces and sea level in the last interglacial, Cave Hill, Barbados. *Bulletin of the Geological Society of America*, **2004**, 116, 219	3.9	46
375	Formal Subdivision of the Holocene Series/Epoch: A Summary. *Journal of the Geological Society of India*, **2019**, 93, 135-141	1.3	46
374	Chinese stalagmite paleoclimate researches: A review and perspective. *Science China Earth Sciences*, **2019**, 62, 1489-1513	4.6	45
373	Variable North Pacific influence on drought in southwestern North America since AD 854. *Nature Geoscience*, **2013**, 6, 617-621	18.3	45
372	Interseismic deformation above the Sunda Megathrust recorded in coral microatolls of the Mentawai islands, West Sumatra. *Journal of Geophysical Research*, **2007**, 112,		45
371	Ecosystem and paleohydrological response to Quaternary climate change in the Bonneville Basin, Utah. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2005**, 221, 99-122	2.9	45
370	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. *Climate of the Past*, **2018**, 14, 1869-1879	3.9	45

369	Petrographic and isotopic evidence for Holocene long-term climate change and shorter-term environmental shifts from a stalagmite from the Serra do Courel of northwestern Spain, and implications for climatic history across Europe and the Mediterranean. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2011**, 305, 172-184	2.9	44
368	Oxygen isotope precipitation anomaly in the North Atlantic region during the 8.2 ka event. *Geology*, **2009**, 37, 1095-1098	5	44
367	Little Ice Age wetting of interior Asian deserts and the rise of the Mongol Empire. *Quaternary Science Reviews*, **2016**, 131, 33-50	3.9	43
366	Lake Level Reconstruction for 12.8–2.3 ka of the Ngangla Ring Tso Closed-Basin Lake System, Southwest Tibetan Plateau. *Quaternary Research*, **2015**, 83, 66-79	1.9	43
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