

R Lawrence Edwards

List of Publications by Citations

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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 | IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0 to 50,000 Years cal BP. <i>Radiocarbon</i> , 2013 , 55, 1869-1887 | 4.6 | 8493 |
| 462 | IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0 to 50,000 Years cal BP. <i>Radiocarbon</i> , 2009 , 51, 1111-1150 | 4.6 | 3790 |
| 461 | Intcal04 Terrestrial Radiocarbon Age Calibration, 0 to 6 Cal Kyr BP. <i>Radiocarbon</i> , 2004 , 46, 1029-1058 | 4.6 | 2911 |
| 460 | A high-resolution absolute-dated late Pleistocene Monsoon record from Hulu Cave, China. <i>Science</i> , 2001 , 294, 2345-8 | 33.3 | 2145 |
| 459 | The Holocene Asian monsoon: links to solar changes and North Atlantic climate. <i>Science</i> , 2005 , 308, 854-7 | 33.3 | 1771 |
| 458 | Millennial- and orbital-scale changes in the East Asian monsoon over the past 224,000 years. <i>Nature</i> , 2008 , 451, 1090-3 | 50.4 | 1289 |
| 457 | The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0 to 55 cal kBP). <i>Radiocarbon</i> , 2020 , 62, 725-757 | 4.6 | 1233 |
| 456 | A high-resolution, absolute-dated Holocene and deglacial Asian monsoon record from Dongge Cave, China. <i>Earth and Planetary Science Letters</i> , 2005 , 233, 71-86 | 5.3 | 1199 |
| 455 | The half-lives of uranium-234 and thorium-230. <i>Chemical Geology</i> , 2000 , 169, 17-33 | 4.2 | 961 |
| 454 | Marine04 Marine Radiocarbon Age Calibration, 0 to 6 Cal Kyr Bp. <i>Radiocarbon</i> , 2004 , 46, 1059-1086 | 4.6 | 945 |
| 453 | ²³⁸ U/ ²³⁴ U/ ²³⁰ Th/ ²³² Th systematics and the precise measurement of time over the past 500,000 years. <i>Earth and Planetary Science Letters</i> , 1987 , 81, 175-192 | 5.3 | 878 |
| 452 | Timing, duration, and transitions of the last interglacial Asian monsoon. <i>Science</i> , 2004 , 304, 575-8 | 33.3 | 867 |
| 451 | Improvements in ²³⁰ Th dating, ²³⁰ Th and ²³⁴ U half-life values, and U/Th isotopic measurements by multi-collector inductively coupled plasma mass spectrometry. <i>Earth and Planetary Science Letters</i> , 2013 , 371-372, 82-91 | 5.3 | 752 |
| 450 | ²³⁸ U, ²³⁴ U and ²³² Th in seawater. <i>Earth and Planetary Science Letters</i> , 1986 , 80, 241-251 | 5.3 | 738 |
| 449 | A test of climate, sun, and culture relationships from an 1810-year Chinese cave record. <i>Science</i> , 2008 , 322, 940-2 | 33.3 | 728 |
| 448 | El Niño/Southern Oscillation and tropical Pacific climate during the last millennium. <i>Nature</i> , 2003 , 424, 271-6 | 50.4 | 681 |
| 447 | Ice age terminations. <i>Science</i> , 2009 , 326, 248-52 | 33.3 | 655 |

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| 446 | The Asian monsoon over the past 640,000 years and ice age terminations. <i>Nature</i> , 2016 , 534, 640-6 | 50.4 | 589 |
| 445 | Wet periods in northeastern Brazil over the past 210 kyr linked to distant climate anomalies. <i>Nature</i> , 2004 , 432, 740-3 | 50.4 | 587 |
| 444 | Sea-surface temperature from coral skeletal strontium/calcium ratios. <i>Science</i> , 1992 , 257, 644-7 | 33.3 | 584 |
| 443 | The last glacial termination. <i>Science</i> , 2010 , 328, 1652-6 | 33.3 | 546 |
| 442 | A Large Drop in Atmospheric $^{14}\text{C}/^{12}\text{C}$ and Reduced Melting in the Younger Dryas, Documented with ^{230}Th Ages of Corals. <i>Science</i> , 1993 , 260, 962-8 | 33.3 | 406 |
| 441 | Rapid sea-level fall and deep-ocean temperature change since the last interglacial period. <i>Earth and Planetary Science Letters</i> , 2003 , 206, 253-271 | 5.3 | 351 |
| 440 | Chinese cave records and the East Asia Summer Monsoon. <i>Quaternary Science Reviews</i> , 2014 , 83, 115-128.9 | 33.3 | 344 |
| 439 | Uranium and thorium isotopic and concentration measurements by magnetic sector inductively coupled plasma mass spectrometry. <i>Chemical Geology</i> , 2002 , 185, 165-178 | 4.2 | 343 |
| 438 | Climate change patterns in Amazonia and biodiversity. <i>Nature Communications</i> , 2013 , 4, 1411 | 17.4 | 336 |
| 437 | Timing and climatic impact of Greenland interstadials recorded in stalagmites from northern Turkey. <i>Geophysical Research Letters</i> , 2009 , 36, | 4.9 | 313 |
| 436 | The variation of summer monsoon precipitation in central China since the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2010 , 291, 21-31 | 5.3 | 303 |
| 435 | The timing of high sea levels over the past 200,000 years. <i>Science</i> , 1994 , 263, 796-800 | 33.3 | 299 |
| 434 | Extremely large variations of atmospheric ^{14}C concentration during the last glacial period. <i>Science</i> , 2001 , 292, 2453-8 | 33.3 | 298 |
| 433 | Highly variable El Niño-Southern Oscillation throughout the Holocene. <i>Science</i> , 2013 , 339, 67-70 | 33.3 | 296 |
| 432 | Precise timing of the last interglacial period from mass spectrometric determination of thorium-230 in corals. <i>Science</i> , 1987 , 236, 1547-53 | 33.3 | 277 |
| 431 | Early human occupation of the Red Sea coast of Eritrea during the last interglacial. <i>Nature</i> , 2000 , 405, 65-9 | 50.4 | 270 |
| 430 | Earthquake supercycles inferred from sea-level changes recorded in the corals of West Sumatra. <i>Science</i> , 2008 , 322, 1674-8 | 33.3 | 266 |
| 429 | The earliest unequivocally modern humans in southern China. <i>Nature</i> , 2015 , 526, 696-9 | 50.4 | 263 |

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|-----|--|------|-----|
| 428 | The climatic cyclicity in semiarid-arid central Asia over the past 500,000 years. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a | 4.9 | 261 |
| 427 | 800,000 years of abrupt climate variability. <i>Science</i> , 2011 , 334, 347-51 | 33.3 | 259 |
| 426 | Climate and vegetation history of the midcontinent from 75 to 25 ka: A speleothem record from crevice cave, missouri, USA. <i>Science</i> , 1998 , 282, 1871-4 | 33.3 | 234 |
| 425 | Sea-level variability over five glacial cycles. <i>Nature Communications</i> , 2014 , 5, 5076 | 17.4 | 230 |
| 424 | Orbitally driven east-west antiphasing of South American precipitation. <i>Nature Geoscience</i> , 2009 , 2, 210-213 | 18.3 | 230 |
| 423 | The Global Paleomonsoon as seen through speleothem records from Asia and the Americas. <i>Climate Dynamics</i> , 2012 , 39, 1045-1062 | 4.2 | 226 |
| 422 | Abrupt changes in early Holocene tropical sea surface temperature derived from coral records. <i>Nature</i> , 1997 , 385, 705-707 | 50.4 | 225 |
| 421 | Onset of deglacial warming in West Antarctica driven by local orbital forcing. <i>Nature</i> , 2013 , 500, 440-4 | 50.4 | 219 |
| 420 | High-precision and high-resolution carbonate ²³⁰ Th dating by MC-ICP-MS with SEM protocols. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 99, 71-86 | 5.5 | 218 |
| 419 | Interhemispheric anti-phasing of rainfall during the last glacial period. <i>Quaternary Science Reviews</i> , 2006 , 25, 3391-3403 | 3.9 | 211 |
| 418 | Variability of Southwest Indian summer monsoon precipitation during the Bølling-Allerød. <i>Geology</i> , 2005 , 33, 813 | 5 | 205 |
| 417 | Annual growth banding in a cave stalagmite. <i>Nature</i> , 1993 , 364, 518-520 | 50.4 | 205 |
| 416 | Timing and structure of the 8.2 kyr B.P. event inferred from ¹⁸ O records of stalagmites from China, Oman, and Brazil. <i>Geology</i> , 2009 , 37, 1007-1010 | 5 | 204 |
| 415 | Deep-Sea coral evidence for rapid change in ventilation of the deep north atlantic 15,400 years Ago. <i>Science</i> , 1998 , 280, 725-8 | 33.3 | 195 |
| 414 | The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018 , 493, 210-223 | 4.2 | 195 |
| 413 | A high-resolution stalagmite record of the Holocene East Asian monsoon from Mt Shennongjia, central China. <i>Holocene</i> , 2010 , 20, 257-264 | 2.6 | 194 |
| 412 | A 900-year (600 to 1500 A.D.) record of the Indian summer monsoon precipitation from the core monsoon zone of India. <i>Geophysical Research Letters</i> , 2007 , 34, | 4.9 | 193 |
| 411 | Hydroclimate changes across the Amazon lowlands over the past 45,000 years. <i>Nature</i> , 2017 , 541, 204-207 | 36.4 | 192 |

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| 410 | Millennial-scale precipitation changes in southern Brazil over the past 90,000 years. <i>Geophysical Research Letters</i> , 2007 , 34, n/a-n/a | 4.9 | 192 |
| 409 | A penultimate glacial monsoon record from Hulu Cave and two-phase glacial terminations. <i>Geology</i> , 2006 , 34, 217 | 5 | 186 |
| 408 | Stable isotope variations in modern tropical speleothems: Evaluating equilibrium vs. kinetic isotope effects. <i>Geochimica Et Cosmochimica Acta</i> , 2004 , 68, 4381-4393 | 5.5 | 186 |
| 407 | Direct determination of the timing of sea level change during termination II. <i>Science</i> , 2002 , 295, 310-3 | 33.3 | 186 |
| 406 | U-Th dating of deep-sea corals. <i>Geochimica Et Cosmochimica Acta</i> , 2000 , 64, 2401-2416 | 5.5 | 181 |
| 405 | Actively evolving microplate formation by oblique collision and sideways motion along strike-slip faults: An example from the northeastern Caribbean plate margin. <i>Tectonophysics</i> , 1995 , 246, 1-69 | 3.1 | 172 |
| 404 | Human remains from Zhirendong, South China, and modern human emergence in East Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 19201-6 | 11.5 | 168 |
| 403 | A +20 m middle Pleistocene sea-level highstand (Bermuda and the Bahamas) due to partial collapse of Antarctic ice. <i>Geology</i> , 1999 , 27, 375 | 5 | 164 |
| 402 | High-latitude forcing of the South American summer monsoon during the Last Glacial. <i>Science</i> , 2012 , 335, 570-3 | 33.3 | 161 |
| 401 | Putting the Younger Dryas cold event into context. <i>Quaternary Science Reviews</i> , 2010 , 29, 1078-1081 | 3.9 | 160 |
| 400 | Variability of stalagmite-inferred Indian monsoon precipitation over the past 252,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2954-9 | 11.5 | 159 |
| 399 | Protactinium-231 Dating of Carbonates by Thermal Ionization Mass Spectrometry: Implications for Quaternary Climate Change. <i>Science</i> , 1997 , 276, 782-6 | 33.3 | 154 |
| 398 | Annual cycles of in coral skeletons and thermometry. <i>Geochimica Et Cosmochimica Acta</i> , 1995 , 59, 2025-2042 | 33.3 | 154 |
| 397 | Pleistocene water intrusions from the Mediterranean and Caspian seas into the Black Sea. <i>Nature Geoscience</i> , 2011 , 4, 236-239 | 18.3 | 153 |
| 396 | North Atlantic storm track changes during the Last Glacial Maximum recorded by Alpine speleothems. <i>Nature Communications</i> , 2015 , 6, 6344 | 17.4 | 148 |
| 395 | Climate on the southern Black Sea coast during the Holocene: implications from the Sofular Cave record. <i>Quaternary Science Reviews</i> , 2011 , 30, 2433-2445 | 3.9 | 146 |
| 394 | Measurement of attogram quantities of ²³¹ Pa in dissolved and particulate fractions of seawater by isotope dilution thermal ionization mass spectroscopy. <i>Analytical Chemistry</i> , 2003 , 75, 1075-9 | 7.8 | 146 |
| 393 | Archaea and bacteria with surprising microdiversity show shifts in dominance over 1,000-year time scales in hydrothermal chimneys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1612-7 | 11.5 | 143 |

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| 392 | Abrupt changes in Indian summer monsoon strength during 33,800 to 5500 years B.P.. <i>Geophysical Research Letters</i> , 2015 , 42, 5526-5532 | 4.9 | 139 |
| 391 | Variation of initial $^{230}\text{Th}/^{232}\text{Th}$ and limits of high precision ^{230}Th dating of shallow-water corals. <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 4201-4223 | 5.5 | 137 |
| 390 | A global context for megadroughts in monsoon Asia during the past millennium. <i>Quaternary Science Reviews</i> , 2011 , 30, 47-62 | 3.9 | 135 |
| 389 | Source parameters of the great Sumatran megathrust earthquakes of 1797 and 1833 inferred from coral microatolls. <i>Journal of Geophysical Research</i> , 2006 , 111, n/a-n/a | | 135 |
| 388 | Submergence and uplift associated with the giant 1833 Sumatran subduction earthquake: Evidence from coral microatolls. <i>Journal of Geophysical Research</i> , 1999 , 104, 895-919 | | 131 |
| 387 | The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. <i>Earth and Planetary Science Letters</i> , 2012 , 335-336, 135-144 | 5.3 | 129 |
| 386 | A speleothem record of glacial (25–11.6kyr BP) rapid climatic changes from northern Iberian Peninsula. <i>Global and Planetary Change</i> , 2010 , 71, 218-231 | 4.2 | 129 |
| 385 | Indian monsoon variability on millennial-orbital timescales. <i>Scientific Reports</i> , 2016 , 6, 24374 | 4.9 | 128 |
| 384 | The WAIS Divide deep ice core WD2014 chronology [Part 1: Methane synchronization (68–1 ka BP) and the gas age–ice age difference. <i>Climate of the Past</i> , 2015 , 11, 153-173 | 3.9 | 127 |
| 383 | Trends and oscillations in the Indian summer monsoon rainfall over the last two millennia. <i>Nature Communications</i> , 2015 , 6, 6309 | 17.4 | 127 |
| 382 | A high-resolution record of atmospheric ^{14}C based on Hulu Cave speleothem H82. <i>Quaternary Science Reviews</i> , 2012 , 33, 32-41 | 3.9 | 124 |
| 381 | 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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 236, 20-38 | 2.9 | 123 |
| 380 | Persistent multidecadal power of the Indian Summer Monsoon. <i>Earth and Planetary Science Letters</i> , 2010 , 290, 166-172 | 5.3 | 121 |
| 379 | Early Neanderthal constructions deep in Bruniquel Cave in southwestern France. <i>Nature</i> , 2016 , 534, 111-114 | 50.4 | 121 |
| 378 | The Indian monsoon variability and civilization changes in the Indian subcontinent. <i>Science Advances</i> , 2017 , 3, e1701296 | 14.3 | 114 |
| 377 | Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. <i>Radiocarbon</i> , 2013 , 55, 1923-1945 | 4.6 | 111 |
| 376 | Stalagmite evidence from Belize indicating significant droughts at the time of Preclassic Abandonment, the Maya Hiatus, and the Classic Maya collapse. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 250, 1-17 | 2.9 | 111 |
| 375 | Long-term trend and abrupt events of the Holocene Asian monsoon inferred from a stalagmite ^{10}O record from Shennongjia in Central China. <i>Science Bulletin</i> , 2006 , 51, 221-228 | | 110 |

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| 374 | U-series dating and taphonomy of Quaternary vertebrates from Brazilian caves. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 240, 508-522 | 2.9 | 110 |
| 373 | NALPS: a precisely dated European climate record 120±0 ka. <i>Climate of the Past</i> , 2011 , 7, 1247-1259 | 3.9 | 108 |
| 372 | Authigenic carbonates from seeps on the northern continental slope of the South China Sea: New insights into fluid sources and geochronology. <i>Marine and Petroleum Geology</i> , 2013 , 43, 260-271 | 4.7 | 107 |
| 371 | Quaternary ecological and geomorphic changes associated with rainfall events in presently semi-arid northeastern Brazil. <i>Journal of Quaternary Science</i> , 2004 , 19, 693-701 | 2.3 | 104 |
| 370 | High-resolution variability of the South American summer monsoon over the last seven millennia: insights from a speleothem record from the central Peruvian Andes. <i>Quaternary Science Reviews</i> , 2013 , 75, 1-10 | 3.9 | 101 |
| 369 | Land surface temperature changes in Northern Iberia since 4000yrBP, based on $\delta^{13}C$ of speleothems. <i>Global and Planetary Change</i> , 2011 , 77, 1-12 | 4.2 | 101 |
| 368 | Paleoclimate reconstruction in the Levant region from the geochemistry of a Holocene stalagmite from the Jeita cave, Lebanon. <i>Quaternary Research</i> , 2008 , 70, 368-381 | 1.9 | 100 |
| 367 | Quaternary glaciation and hydrologic variation in the South American tropics as reconstructed from the Lake Titicaca drilling project. <i>Quaternary Research</i> , 2007 , 68, 410-420 | 1.9 | 100 |
| 366 | High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. <i>Geology</i> , 2006 , 34, 621 | 5 | 100 |
| 365 | Uranium-series Dating of Marine and Lacustrine Carbonates. <i>Reviews in Mineralogy and Geochemistry</i> , 2003 , 52, 363-405 | 7.1 | 100 |
| 364 | Abrupt variations in South American monsoon rainfall during the Holocene based on a speleothem record from central-eastern Brazil. <i>Geology</i> , 2011 , 39, 1075-1078 | 5 | 97 |
| 363 | Potential role of winter rainfall in explaining increased moisture in the Mediterranean and Middle East during periods of maximum orbitally-forced insolation seasonality. <i>Climate Dynamics</i> , 2014 , 42, 1079-1095 ⁹⁴ | 4.2 | 94 |
| 362 | Dating earthquakes with high-precision thorium-230 ages of very young corals. <i>Earth and Planetary Science Letters</i> , 1988 , 90, 371-381 | 5.3 | 94 |
| 361 | The climate variability in northern Levant over the past 20,000 years. <i>Geophysical Research Letters</i> , 2015 , 42, 8641-8650 | 4.9 | 93 |
| 360 | U/Th-dating living and young fossil corals from the central tropical Pacific. <i>Earth and Planetary Science Letters</i> , 2003 , 210, 91-103 | 5.3 | 93 |
| 359 | Summer monsoon precipitation variations in central China over the past 750 years derived from a high-resolution absolute-dated stalagmite. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009 , 280, 432-439 | 2.9 | 91 |
| 358 | Maximum sea levels for the last glacial period from U-series ages of submerged speleothems. <i>Nature</i> , 1994 , 367, 357-360 | 50.4 | 91 |
| 357 | Sequence of mammalian fossils, including hominoid teeth, from the Bubing Basin caves, South China. <i>Journal of Human Evolution</i> , 2007 , 52, 370-9 | 3.1 | 90 |

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|-----|--|-----|----|
| 356 | Holocene moisture changes in western China, Central Asia, inferred from stalagmites. <i>Quaternary Science Reviews</i> , 2017 , 158, 15-28 | 3.9 | 87 |
| 355 | Accelerated drawdown of meridional overturning in the late-glacial Atlantic triggered by transient pre-H event freshwater perturbation. <i>Geophysical Research Letters</i> , 2006 , 33, | 4.9 | 83 |
| 354 | Paleogeodetic records of seismic and aseismic subduction from central Sumatran microatolls, Indonesia. <i>Journal of Geophysical Research</i> , 2004 , 109, | | 78 |
| 353 | A high-resolution history of the South American Monsoon from Last Glacial Maximum to the Holocene. <i>Scientific Reports</i> , 2017 , 7, 44267 | 4.9 | 77 |
| 352 | Climate variations of Central Asia on orbital to millennial timescales. <i>Scientific Reports</i> , 2016 , 5, 36975 | 4.9 | 77 |
| 351 | Timing and structure of the Younger Dryas event in northern China. <i>Quaternary Science Reviews</i> , 2012 , 41, 83-93 | 3.9 | 77 |
| 350 | Multidecadal climate variability in Brazil's Nordeste during the last 3000 years based on speleothem isotope records. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a | 4.9 | 77 |
| 349 | A High-Resolution Radiocarbon Calibration Between 11,700 and 12,400 Calendar Years Bp Derived from 230Th Ages of Corals from Espiritu Santo Island, Vanuatu. <i>Radiocarbon</i> , 1998 , 40, 1093-1105 | 4.6 | 76 |
| 348 | Seasonal and interannual variability of the Mid-Holocene East Asian monsoon in coral $\delta^{18}O$ records from the South China Sea. <i>Earth and Planetary Science Letters</i> , 2005 , 237, 69-84 | 5.3 | 75 |
| 347 | 230Th and 231Pa on GEOTRACES GA03, the U.S. GEOTRACES North Atlantic transect, and implications for modern and paleoceanographic chemical fluxes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015 , 116, 29-41 | 2.3 | 74 |
| 346 | A new perspective on the hydroclimate variability in northern South America during the Little Ice Age. <i>Geophysical Research Letters</i> , 2009 , 36, | 4.9 | 74 |
| 345 | Time-scales of Differentiation from Mafic Parents to Rhyolite in North American Continental Arcs. <i>Journal of Petrology</i> , 2003 , 44, 1703-1726 | 3.9 | 74 |
| 344 | Dissolved and particulate 231Pa and 230Th in the Atlantic Ocean: constraints on intermediate/deep water age, boundary scavenging, and 231Pa/230Th fractionation. <i>Earth and Planetary Science Letters</i> , 2002 , 203, 999-1014 | 5.3 | 74 |
| 343 | Geochronology of late Pleistocene to Holocene speleothems from central Texas: Implications for regional paleoclimate. <i>Bulletin of the Geological Society of America</i> , 2001 , 113, 1532-1543 | 3.9 | 72 |
| 342 | Timing and structure of Mega-SACZ events during Heinrich Stadial 1. <i>Geophysical Research Letters</i> , 2015 , 42, 5477 | 4.9 | 70 |
| 341 | Distribution of 230Th in the Labrador Sea and its relation to ventilation. <i>Earth and Planetary Science Letters</i> , 1997 , 150, 151-160 | 5.3 | 70 |
| 340 | Intensity of Th and Pa scavenging partitioned by particle chemistry in the North Atlantic Ocean. <i>Marine Chemistry</i> , 2015 , 170, 49-60 | 3.7 | 68 |
| 339 | Speleothem climate records from deep time? Exploring the potential with an example from the Permian. <i>Geology</i> , 2010 , 38, 455-458 | 5 | 68 |

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|-----|--|------|----|
| 338 | Uranium-series coral ages from the US Atlantic Coastal Plain: The 80ka problem revisited. <i>Quaternary International</i> , 2004 , 120, 3-14 | 2 | 68 |
| 337 | Radiocarbon Calibration and Comparison to 50 Kyr BP with Paired 14C and 230Th Dating of Corals from Vanuatu and Papua New Guinea. <i>Radiocarbon</i> , 2004 , 46, 1127-1160 | 4.6 | 66 |
| 336 | High-resolution temporal record of Holocene ground-water chemistry: Tracing links between climate and hydrology. <i>Geology</i> , 1996 , 24, 1049 | 5 | 66 |
| 335 | Uranium-thorium-protactinium dating systematics. <i>Geochimica Et Cosmochimica Acta</i> , 1998 , 62, 3437-3452 | 5.5 | 65 |
| 334 | High-precision U-series dating of Locality 1 at Zhoukoudian, China. <i>Journal of Human Evolution</i> , 2001 , 41, 679-88 | 3.1 | 65 |
| 333 | Coupling of Indo-Pacific climate variability over the last millennium. <i>Nature</i> , 2020 , 579, 385-392 | 50.4 | 63 |
| 332 | Atmospheric C/C changes during the last glacial period from Hulu Cave. <i>Science</i> , 2018 , 362, 1293-1297 | 33.3 | 63 |
| 331 | Rapid forearc uplift and subsidence caused by impinging bathymetric features: Examples from the New Hebrides and Solomon arcs. <i>Tectonics</i> , 2005 , 24, n/a-n/a | 4.3 | 62 |
| 330 | Abrupt change of Antarctic moisture origin at the end of Termination II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12091-4 | 11.5 | 61 |
| 329 | High-resolution Holocene South American monsoon history recorded by a speleothem from Botuverá Cave, Brazil. <i>Earth and Planetary Science Letters</i> , 2016 , 450, 186-196 | 5.3 | 61 |
| 328 | Centennial-scale solar forcing of the South American Monsoon System recorded in stalagmites. <i>Scientific Reports</i> , 2016 , 6, 24762 | 4.9 | 60 |
| 327 | Precise dating of abrupt shifts in the Asian Monsoon during the last deglaciation based on stalagmite data from Yamen Cave, Guizhou Province, China. <i>Science China Earth Sciences</i> , 2010 , 53, 633-641 | 4.6 | 60 |
| 326 | Multi-speleothem record reveals tightly coupled climate between central Europe and Greenland during Marine Isotope Stage 3. <i>Geology</i> , 2014 , 42, 1043-1046 | 5 | 59 |
| 325 | Early maximum extent of paleoglaciers from Mediterranean mountains during the last glaciation. <i>Scientific Reports</i> , 2013 , 3, 2034 | 4.9 | 59 |
| 324 | A Speleothem Record of Younger Dryas Cooling, Klamath Mountains, Oregon, USA. <i>Quaternary Research</i> , 2005 , 64, 249-256 | 1.9 | 59 |
| 323 | Mass Spectrometric 14C and U-Th Measurements in Coral. <i>Radiocarbon</i> , 1992 , 34, 611-618 | 4.6 | 59 |
| 322 | Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope Stage 5. <i>Geology</i> , 2010 , 38, 243-246 | 5 | 58 |
| 321 | The Taravilla lake and tufa deposits (Central Iberian Range, Spain) as palaeohydrological and palaeoclimatic indicators. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008 , 259, 136-156 | 2.9 | 58 |

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|-----|--|------|----|
| 320 | Continuous reef growth during the last 23calkyr BP in a tectonically active zone (Vanuatu, SouthWest Pacific). <i>Quaternary Science Reviews</i> , 2003 , 22, 1771-1786 | 3.9 | 57 |
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