# Yanjun Cai

List of Publications by Year
in descending order

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| 95 | 9,474 | 81434 41 | 46524 93 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 97 | 97 | 97 | 6648 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Speleological and environmental history of Lida Ajer cave, western Sumatra. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200494. | 1.8 | 12 |
| 2 | Millennialâ€Scale Monsoon Variability Modulated by Lowâ€Latitude Insolation During the Last Glaciation. Geophysical Research Letters, 2022, 49, . | 1.5 | 7 |
| 3 | Asian Summer Monsoon Changes Inferred From a Stalagmite Î´18O Record in Central China During the Last Glacial Period. Frontiers in Earth Science, 2022, 10, . | 0.8 | 1 |
| 4 | A review of orbital-scale monsoon variability and dynamics in East Asia during the Quaternary. Quaternary Science Reviews, 2022, 288, 107593. | 1.4 | 13 |
| 5 | Middle Pleistocene human femoral diaphyses from Hualongdong, Anhui Province, China. American Journal of Physical Anthropology, 2021, 174, 285-298. | 2.1 | 3 |
| 6 | Megadrought and cultural exchange along the proto-silk road. Science Bulletin, 2021, 66, 603-611. | 4.3 | 52 |
| 7 | Orbital-scale Asian summer monsoon variations: Paradox and exploration. Science China Earth Sciences, 2021, 64, 529-544. | 2.3 | 71 |
| 8 | Holocene variability of East Asian summer monsoon as viewed from the speleothem <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>Î´</mml:mi><mml:msup><mml:mrow /><mml:mrow><mml:mn>18</mml:mn></mml:mrow></mml:msup></mml:math>O records in central China. Earth and Planetary Science Letters, 2021, 558, 116758. | 1.8 | 37 |
| 9 | Gradual Southâ€North Climate Transition in the Atlantic Realm Within the Younger Dryas. Geophysical Research Letters, 2021, 48, e2021GL092620. | 1.5 | 6 |
| 10 | Speleothemâ€Based Hydroclimate Reconstructions During the Penultimate Deglaciation in Northern China. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004072. | 1.3 | 6 |
| 11 | On the misidentification and unreliable context of the new â€œhuman teethâ€• from Fuyan Cave (China). Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 16 |
| 12 | A data-model comparison pinpoints Holocene spatiotemporal pattern of East Asian summer monsoon. Quaternary Science Reviews, 2021, 261, 106911. | 1.4 | 72 |
| 13 | Variation of summer precipitation Î´<sup>18</sup>O on the Chinese Loess Plateau since the last interglacial. Journal of Quaternary Science, 2021, 36, 1214-1220. | 1.1 | 6 |
| 14 | Preparation of high-precision CO<sub>2</sub> with known triple oxygen isotope for oxygen isotope analysis. Isotopes in Environmental and Health Studies, 2021, 57, 443-456. | 0.5 | 2 |
| 15 | The â€œHockey Stickâ€• Imprint in Northwest African Speleothems. Geophysical Research Letters, 2021, 48, e2021GL094232. | 1.5 | 1 |
| 16 | Morphological description and evolutionary significance of 300 ka hominin facial bones from Hualongdong, China. Journal of Human Evolution, 2021, 161, 103052. | 1.3 | 9 |
| 17 | Reply to StuchlÃk et al.: The Younger Dryas onset at 12.87 ky B.P. is still justified if the Laacher See eruption is considered. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2024692118. | 3.3 | 0 |
| 18 | The impact and implications of aragonite-to-calcite transformation on speleothem trace element composition. Sedimentary Geology, 2021, 425, 106010. | 1.0 | 1 |

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|---|---|---|---|
| 19 | Onset and termination of Heinrich Stadial 4 and the underlying climate dynamics. Communications Earth & Environment, 2021, 2, . | 2.6 | 14 |
| 20 | Collapse of the Liangzhu and other Neolithic cultures in the lower Yangtze region in response to climate change. Science Advances, 2021, 7, eabi9275. | 4.7 | 81 |
| 21 | Seasonal and Inter-Annual Variations of Stable Isotopic Characteristics of Rainfall and Cave Water in Shennong Cave, Southeast China, and Its Paleoclimatic Implication. Frontiers in Earth Science, 2021, 9, . | 0.8 | 6 |
| 22 | Holocene and deglaciation hydroclimate changes in northern China as inferred from stalagmite growth frequency. Global and Planetary Change, 2020, 195, 103360. | 1.6 | 10 |
| 23 | Abrupt Freshening Since the Early Little Ice Age in Lake Sayram of Arid Central Asia Inferred From an Alkenone Isomer Proxy. Geophysical Research Letters, 2020, 47, e2020GL089257. | 1.5 | 18 |
| 24 | Holocene Monsoon Change and Abrupt Events on the Western Chinese Loess Plateau as Revealed by Accurately Dated Stalagmites. Geophysical Research Letters, 2020, 47, e2020GL090273. | 1.5 | 54 |
| 25 | Timing and structure of the Younger Dryas event and its underlying climate dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23408-23417. | 3.3 | 119 |
| 26 | A multiple-proxy stalagmite record reveals historical deforestation in central Shandong, northern China. Science China Earth Sciences, 2020, 63, 1622-1632. | 2.3 | 15 |
| 27 | Effect of precipitation seasonality on annual oxygen isotopic composition in the area of spring persistent rain in southeastern China and its paleoclimatic implication. Climate of the Past, 2020, 16, 211-225. | 1.3 | 25 |
| 28 | Measurement of oxygen and hydrogen isotopic ratios of speleothem fluid inclusion water using Picarro. Chinese Science Bulletin, 2020, 65, 3626-3634. | 0.4 | 1 |
| 29 | Analysis of Iodine Isotopes in Travertine from Baishuitai, Yunnan Province, China. Atomic Spectroscopy, 2020, 41, . | 0.4 | 0 |
| 30 | Evaluating model outputs using integrated global speleothem records of climate change since the last glacial. Climate of the Past, 2019, 15, 1557-1579. | 1.3 | 37 |
| 31 | 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. | 3.3 | 73 |
| 32 | Archaic human remains from Hualongdong, China, and Middle Pleistocene human continuity and variation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9820-9824. | 3.3 | 40 |
| 33 | A new speleothem record of the penultimate deglacial: Insights into spatial variability and centennial-scale instabilities of East Asian monsoon. Quaternary Science Reviews, 2019, 210, 113-124. | 1.4 | 14 |
| 34 | Application of Avaatech X-ray fluorescence core-scanning in Sr/Ca analysis of speleothems. Science China Earth Sciences, 2019, 62, 964-973. | 2.3 | 9 |
| 35 | Fluvioâ€lacustrine sedimentation in the Agadirâ€Tissint Feija (Antiâ€Atlas, Morocco): A promising palaeoclimate archive for the last glacial cycle in northwest Africa. Depositional Record, 2019, 5, 362-387. | 0.8 | 6 |
| 36 | Is Chinese stalagmite Î´18O solely controlled by the Indian summer monsoon?. Climate Dynamics, 2019, 53, 2969-2983. | 1.7 | 23 |

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|---|---|---|---|
| 37 | How Far North Did the African Monsoon Fringe Expand During the African Humid Period? Insights From Southwest Moroccan Speleothems. Geophysical Research Letters, 2019, 46, 14093-14102. | 1.5 | 31 |
| 38 | Great flood in the middle-lower Yellow River reaches at 4000 a BP inferred from accurately-dated stalagmite records. Science Bulletin, 2018, 63, 206-208. | 4.3 | 27 |
| 39 | Distinct responses of East Asian and Indian summer monsoons to astronomical insolation during Marine Isotope Stages 5c and 5e. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 510, 40-48. | 1.0 | 5 |
| 40 | 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. | 1.8 | 93 |
| 41 | Hydroclimatic variations in southeastern China during the 4.2â€‰ka event reflected by stalagmite records. Climate of the Past, 2018, 14, 1805-1817. | 1.3 | 50 |
| 42 | High resolution monsoon precipitation changes on southeastern Tibetan Plateau over the past 2300 years. Quaternary Science Reviews, 2018, 195, 122-132. | 1.4 | 93 |
| 43 | A 200-year annually laminated stalagmite record of precipitation seasonality in southeastern China and its linkages to ENSO and PDO. Scientific Reports, 2018, 8, 12344. | 1.6 | 45 |
| 44 | The SISAL database: a global resource to document oxygen and carbon isotope records from speleothems. Earth System Science Data, 2018, 10, 1687-1713. | 3.7 | 62 |
| 45 | The age of human remains and associated fauna from Zhiren Cave in Guangxi, southern China. Quaternary International, 2017, 434, 84-91. | 0.7 | 35 |
| 46 | Decreasing monsoon precipitation in southwest China during the last 240Âyears associated with the warming of tropical ocean. Climate Dynamics, 2017, 48, 1769-1778. | 1.7 | 72 |
| 47 | Holocene moisture changes in western China, Central Asia, inferred from stalagmites. Quaternary Science Reviews, 2017, 158, 15-28. | 1.4 | 124 |
| 48 | A 70-year groundwater recharge record from sandy loess in northwestern China and its climatic implications. Environmental Earth Sciences, 2017, 76, 1. | 1.3 | 6 |
| 49 | Preliminary Studies of Speleothem in Central Asia. Acta Geologica Sinica, 2016, 90, 2279-2280. | 0.8 | 2 |
| 50 | Antarctic link with East Asian summer monsoon variability during the Heinrich Stadialâ€“BÃ¸lling interstadial transition. Earth and Planetary Science Letters, 2016, 453, 243-251. | 1.8 | 36 |
| 51 | Indian monsoon variability on millennial-orbital timescales. Scientific Reports, 2016, 6, 24374. | 1.6 | 194 |
| 52 | Sequestration of carbon in the deep Atlantic during the lastÂglaciation. Nature Geoscience, 2016, 9, 319-324. | 5.4 | 62 |
| 53 | A Chinese cave links climate change, social impacts and human adaptation over the last 500 years. Scientific Reports, 2015, 5, 12284. | 1.6 | 36 |
| 54 | Large variations of <scp>Î´<sup>13</sup>C</scp> values in stalagmites from southeastern <scp>C</scp>hina during historical times: implications for anthropogenic deforestation. Boreas, 2015, 44, 511-525. | 1.2 | 28 |

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| 55 | Climate significance of speleothem Î´18O from central China on decadal timescale. Journal of Asian Earth Sciences, 2015, 106, 150-155. | 1.0 | 31 |
| 56 | 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, 2954-2959. | 3.3 | 233 |
| 57 | Profiling bacterial diversity in a limestone cave of the western Loess Plateau of China. Frontiers in Microbiology, 2015, 6, 244. | 1.5 | 80 |
| 58 | The earliest unequivocally modern humans in southern China. Nature, 2015, 526, 696-699. | 13.7 | 354 |
| 59 | Role of seasonal transitions and westerly jets in East Asian paleoclimate. Quaternary Science Reviews, 2015, 108, 111-129. | 1.4 | 245 |
| 60 | Global Monsoon Dynamics and Climate Change. Annual Review of Earth and Planetary Sciences, 2015, 43, 29-77. | 4.6 | 331 |
| 61 | Groundwater Diffuse Recharge and its Response to Climate Changes in Semi-Arid Northwestern China. Terrestrial, Atmospheric and Oceanic Sciences, 2015, 26, 451. | 0.3 | 9 |
| 62 | Asian Monsoon Variability Recorded in Other Archives. Developments in Paleoenvironmental Research, 2014, , 145-337. | 7.5 | 0 |
| 63 | Trace-element variations in an annually layered stalagmite as recorders of climatic changes and anthropogenic pollution in Central China. Quaternary Research, 2014, 81, 181-188. | 1.0 | 33 |
| 64 | New 400â€“320Âka Gigantopithecus blacki remains from Hejiang Cave, Chongzuo City, Guangxi, South China. Quaternary International, 2014, 354, 35-45. | 0.7 | 46 |
| 65 | Stable isotope composition alteration produced by the aragonite-to-calcite transformation in speleothems and implications for paleoclimate reconstructions. Sedimentary Geology, 2014, 309, 1-14. | 1.0 | 47 |
| 66 | Cyclic precipitation variation on the western Loess Plateau of China during the past four centuries. Scientific Reports, 2014, 4, 6381. | 1.6 | 60 |
| 67 | Late Cenozoic Climate Change in Monsoon-Arid Asia and Global Changes. Developments in Paleoenvironmental Research, 2014, , 491-581. | 7.5 | 22 |
| 68 | Quantitative temperature reconstruction based on growth rate of annually-layered stalagmite: a case study from central China. Quaternary Science Reviews, 2013, 72, 137-145. | 1.4 | 21 |
| 69 | Interplay between the Westerlies and Asian monsoon recorded in Lake Qinghai sediments since 32 ka. Scientific Reports, 2012, 2, 619. | 1.6 | 629 |
| 70 | Dentoalveolar paleopathology of the early modern humans from Zhirendong, South China. International Journal of Paleopathology, 2012, 2, 10-18. | 0.8 | 17 |
| 71 | The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. Earth and Planetary Science Letters, 2012, 335-336, 135-144. | 1.8 | 171 |
| 72 | The climatic cyclicity in semiaridâ€arid central Asia over the past 500,000 years. Geophysical Research Letters, 2012, 39, . | 1.5 | 348 |

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|---|---|---|---|
| 73 | Glacial-Interglacial Indian Summer Monsoon Dynamics. Science, 2011, 333, 719-723. | 6.0 | 385 |
| 74 | Climate patterns in north central China during the last 1800 yr and their possible driving force. Climate of the Past, 2011, 7, 685-692. | 1.3 | 75 |
| 75 | New eolian red clay sequence on the western Chinese Loess Plateau linked to onset of Asian desertification about 25 Ma ago. Science China Earth Sciences, 2011, 54, 136-144. | 2.3 | 267 |
| 76 | 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, 19201-19206. | 3.3 | 223 |
| 77 | Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope Stage 5. Geology, 2010, 38, 243-246. | 2.0 | 73 |
| 78 | The variation of summer monsoon precipitation in central China since the last deglaciation. Earth and Planetary Science Letters, 2010, 291, 21-31. | 1.8 | 355 |
| 79 | The Homo sapiens Cave hominin site of Mulan Mountain, Jiangzhou District, Chongzuo, Guangxi with emphasis on its age. Science Bulletin, 2009, 54, 3848-3856. | 1.7 | 63 |
| 80 | Summer monsoon precipitation variations in central China over the past 750years derived from a high-resolution absolute-dated stalagmite. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 432-439. | 1.0 | 106 |
| 81 | Precipitation variations of Longxi, northeast margin of Tibetan Plateau since AD 960 and their relationship with solar activity. Climate of the Past, 2008, 4, 19-28. | 1.3 | 88 |
| 82 | High resolution characterization of the Asian Monsoon between 146,000 and 99,000Âyears B.P. from Dongge Cave, China and global correlation of events surrounding Termination II. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 236, 20-38. | 1.0 | 146 |
| 83 | High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. Geology, 2006, 34, 621. | 2.0 | 125 |
| 84 | Distributions of fatty acids in a stalagmite related to paleoclimate change at Qingjiang in Hubei, southern China. Science in China Series D: Earth Sciences, 2005, 48, 1463. | 0.9 | 19 |
| 85 | Effect of dead carbon on the14C dating of the speleothem. Science Bulletin, 2005, 50, 817-821. | 1.7 | 0 |
| 86 | Vegetation evolution and mil-lennial-scale climatic fluctua-tions since Last Glacial Maximum in pollen record from northern South China Sea. Science Bulletin, 2005, 50, 793. | 1.7 | 3 |
| 87 | Multiple expansions of C4 plant biomass in East Asia since 7 Ma coupled with strengthened monsoon circulation. Geology, 2005, 33, 705. | 2.0 | 186 |
| 88 | Adsorbed silica in stalagmite carbonate and its relationship to past rainfall. Geochimica Et Cosmochimica Acta, 2005, 69, 2285-2292. | 1.6 | 31 |
| 89 | A high-resolution, absolute-dated Holocene and deglacial Asian monsoon record from Dongge Cave, China. Earth and Planetary Science Letters, 2005, 233, 71-86. | 1.8 | 1,510 |
| 90 | Timing, Duration, and Transitions of the Last Interglacial Asian Monsoon. Science, 2004, 304, 575-578. | 6.0 | 1,013 |

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| 91 | Lipid distribution in a subtropical southern China stalagmite as a record of soil ecosystem response to paleoclimate change. Quaternary Research, 2003, 60, 340-347. | 1.0 | 81 |
| 92 | Lipid distribution in a subtropical southern China stalagmite as a record of soil ecosystem response to paleoclimate change. Quaternary Research, 2003, 60, 340-340. | 1.0 | 4 |
| 93 | A quick cooling event of the East Asian monsoon responding to Heinrich Event 1: Evidence from stalagmite ? 18O records. Science in China Series D: Earth Sciences, 2002, 45, 88. | 0.9 | 2 |
| 94 | Magnetic properties of the Tertiary red clay from Gansu. Science in China Series D: Earth Sciences, 2001, 44, 635-651. | 0.9 | 31 |
| 95 | The Î´18O variation of a stalagmite from Qixing Cave, Guizhou Province and indicated climate change during the Holocene. Science Bulletin, 2001, 46, 1904-1908. | 1.7 | 31 |