

Liangcheng Tan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8106439/liangcheng-tan-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

67

papers

2,428

citations

25

h-index

48

g-index

79

ext. papers

3,004

ext. citations

4.4

avg, IF

4.87

L-index

#	Paper	IF	Citations
67	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
66	Global Monsoon Dynamics and Climate Change. <i>Annual Review of Earth and Planetary Sciences</i> , 2015 , 43, 29-77	15.3	207
65	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
64	Stable isotopes in bulk carbonates and organic matter in recent sediments of Lake Qinghai and their climatic implications. <i>Chemical Geology</i> , 2006 , 235, 262-275	4.2	135
63	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
62	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
61	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. <i>Quaternary Science Reviews</i> , 2017 , 158, 15-28	3.9	87
60	Precipitation variations of Longxi, northeast margin of Tibetan Plateau since AD 960 and their relationship with solar activity. <i>Climate of the Past</i> , 2008 , 4, 19-28	3.9	75
59	Precipitation at Lake Qinghai, NE Qinghai-Tibet Plateau, and its relation to Asian summer monsoons on decadal/interdecadal scales during the past 500 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 254, 541-549	2.9	72
58	Climate patterns in north central China during the last 1800 yr and their possible driving force. <i>Climate of the Past</i> , 2011 , 7, 685-692	3.9	62
57	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
56	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
55	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
54	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
53	Profiling bacterial diversity in a limestone cave of the western Loess Plateau of China. <i>Frontiers in Microbiology</i> , 2015 , 6, 244	5.7	50
52	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
51	Cyclic precipitation variation on the western Loess Plateau of China during the past four centuries. <i>Scientific Reports</i> , 2014 , 4, 6381	4.9	42

50	Stable isotope composition alteration produced by the aragonite-to-calcite transformation in speleothems and implications for paleoclimate reconstructions. <i>Sedimentary Geology</i> , 2014 , 309, 1-14	2.8	39
49	Geochronology of a surface core in the northern basin of Lake Qinghai: Evidence from 210Pb and 137Cs radionuclides. <i>Diqiu Huaxue</i> , 2006 , 25, 301-306		36
48	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
47	Atmospheric dust dynamics in southern Central Asia: Implications for buildup of Tajikistan loess sediments. <i>Atmospheric Research</i> , 2019 , 229, 74-85	5.4	32
46	The East Asian summer monsoon variability over the last 145 years inferred from the Shihua Cave record, North China. <i>Scientific Reports</i> , 2017 , 7, 7078	4.9	31
45	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
44	A Chinese cave links climate change, social impacts, and human adaptation over the last 500 years. <i>Scientific Reports</i> , 2015 , 5, 12284	4.9	30
43	Trace-element variations in an annually layered stalagmite as recorders of climatic changes and anthropogenic pollution in Central China. <i>Quaternary Research</i> , 2014 , 81, 181-188	1.9	24
42	Time marker of 137Cs fallout maximum in lake sediments of Northwest China. <i>Quaternary Science Reviews</i> , 2020 , 241, 106413	3.9	22
41	Climate significance of speleothem $\delta^{18}O$ from central China on decadal timescale. <i>Journal of Asian Earth Sciences</i> , 2015 , 106, 150-155	2.8	22
40	Large variations of $\delta^{13}C$ values in stalagmites from southeastern China during historical times: implications for anthropogenic deforestation. <i>Boreas</i> , 2015 , 44, 511-525	2.4	21
39	Juxtaposition of Western Pacific Subtropical High on Asian Summer Monsoon Shapes Subtropical East Asian Precipitation. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL084705	4.9	20
38	Quantitative temperature reconstruction based on growth rate of annually-layered stalagmite: a case study from central China. <i>Quaternary Science Reviews</i> , 2013 , 72, 137-145	3.9	20
37	Dramatic weakening of the East Asian summer monsoon in northern China during the transition from the Medieval Warm Period to the Little Ice Age. <i>Geology</i> , 2020 , 48, 307-312	5	20
36	Megadrought and cultural exchange along the proto-silk road. <i>Science Bulletin</i> , 2021 , 66, 603-611	10.6	20
35	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
34	Late Holocene hydroclimatic variation in central Asia and its response to mid-latitude Westerlies and solar irradiance. <i>Quaternary Science Reviews</i> , 2020 , 238, 106330	3.9	17
33	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

32	Climate change and soil erosion in a small alpine lake basin on the Loess Plateau, China. <i>Earth Surface Processes and Landforms</i> , 2017 , 42, 1238-1247	3.7	16
31	Recurrence plot analysis of irregularly sampled data. <i>Physical Review E</i> , 2018 , 98,	2.4	15
30	Stable Isotopic Characteristics and Influencing Factors in Precipitation in the Monsoon Marginal Region of Northern China. <i>Atmosphere</i> , 2018 , 9, 97	2.7	14
29	Late Cenozoic Climate Change in Monsoon-Arid Asia and Global Changes. <i>Developments in Paleoenvironmental Research</i> , 2014 , 491-581		13
28	Late Holocene hydroclimatic variations and possible forcing mechanisms over the eastern Central Asia. <i>Science China Earth Sciences</i> , 2019 , 62, 1288-1301	4.6	13
27	Is Chinese stalagmite $\delta^{18}O$ solely controlled by the Indian summer monsoon?. <i>Climate Dynamics</i> , 2019 , 53, 2969-2983	4.2	11
26	Multidecadally resolved polarity oscillations during a geomagnetic excursion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8913-8918	11.5	10
25	New insights towards an integrated understanding of NE Asian monsoon during mid to late Holocene. <i>Quaternary Science Reviews</i> , 2021 , 254, 106793	3.9	10
24	Aeolian dust dynamics in the Fergana Valley, Central Asia, since ~30ka inferred from loess deposits. <i>Geoscience Frontiers</i> , 2021 , 12, 101180	6	8
23	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
22	Orbital-scale nonlinear response of East Asian summer monsoon to its potential driving forces in the late Quaternary. <i>Climate Dynamics</i> , 2018 , 50, 2183-2197	4.2	7
21	Climatic and Anthropogenic Impacts on $\delta^{13}C$ Variations in a Stalagmite from Central China. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013 , 24, 333	1.8	7
20	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
19	Comparison of changes in vegetation and land cover types between Shenzhen and Bangkok. <i>Land Degradation and Development</i> , 2021 , 32, 1192-1204	4.4	7
18	The selection of a primary marker for the Anthropocene. <i>Science Bulletin</i> , 2019 , 64, 1643-1645	10.6	6
17	Groundwater Diffuse Recharge and its Response to Climate Changes in Semi-Arid Northwestern China. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2015 , 26, 451	1.8	6
16	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
15	Dust storms in northern China during the last 500 years. <i>Science China Earth Sciences</i> , 2021 , 64, 813-824	4.6	4

14	Hydroclimate variability of western Thailand during the last 1400 years. <i>Quaternary Science Reviews</i> , 2020 , 241, 106423	3.9	3
13	Mid-Holocene climate variations recorded by palaeolake in marginal area of East Asian Monsoon: A multi-proxy study. <i>Chinese Geographical Science</i> , 2007 , 17, 325-332	2.9	3
12	Annually laminated speleothems in paleoclimate studies. <i>Past Global Change Magazine</i> , 2014 , 22, 22-23	1	3
11	High precise dating on the variation of the Asian summer monsoon since 37ka BP. <i>Scientific Reports</i> , 2021 , 11, 9375	4.9	3
10	Hydroclimate variability of central Indo-Pacific region during the Holocene. <i>Quaternary Science Reviews</i> , 2021 , 253, 106779	3.9	3
9	Preliminary Studies of Speleothem in Central Asia. <i>Acta Geologica Sinica</i> , 2016 , 90, 2279-2280	0.7	2
8	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
7	Application of XRF Scanning to Different Geological Archives. <i>Earth and Space Science</i> , 2021 , 8, e2020EA001582	0.9	2
6	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
5	A Paleoclimate Prognosis of the Future Asian Summer Monsoon Variability. <i>Atmosphere</i> , 2021 , 12, 1391	2.7	1
4	Geochemistry of evaporitic deposits from the Cenomanian (Upper Cretaceous) Maha Sarakham Formation in the Khorat Basin, northeastern Thailand. <i>Cretaceous Research</i> , 2021 , 130, 104986	1.8	0
3	Hydroclimatic changes in south-central China during the 4.2 ka event and their potential impacts on the development of Neolithic culture. <i>Quaternary Research</i> , 1-14	1.9	0
2	High resolution climate changes in Asia-Pacific region during the past 2,000 years (Asia-Pacific-2k). <i>Quaternary International</i> , 2018 , 487, 1-2	2	0
1	Asian Monsoon Variability Recorded in Other Archives. <i>Developments in Paleoenvironmental Research</i> , 2014 , 145-337		0