

Haiwei Zhang

List of Publications by Year in descending order

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45
papers

3,071
citations

257101

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233125

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47
all docs

47
docs citations

47
times ranked

2546
citing authors

#	ARTICLE	IF	CITATIONS
1	The Asian monsoon over the past 640,000 years and ice age terminations. <i>Nature</i> , 2016, 534, 640-646.	13.7	956
2	Indian monsoon variability on millennial-orbital timescales. <i>Scientific Reports</i> , 2016, 6, 24374.	1.6	194
3	The Indian monsoon variability and civilization changes in the Indian subcontinent. <i>Science Advances</i> , 2017, 3, e1701296.	4.7	188
4	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.	1.8	171
5	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.	3.3	119
6	Chinese stalagmite paleoclimate researches: A review and perspective. <i>Science China Earth Sciences</i> , 2019, 62, 1489-1513.	2.3	96
7	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.	1.8	93
8	High resolution monsoon precipitation changes on southeastern Tibetan Plateau over the past 2300 years. <i>Quaternary Science Reviews</i> , 2018, 195, 122-132.	1.4	93
9	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.	3.3	84
10	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.	4.7	81
11	A data-model comparison pinpoints Holocene spatiotemporal pattern of East Asian summer monsoon. <i>Quaternary Science Reviews</i> , 2021, 261, 106911.	1.4	72
12	Orbital-scale Asian summer monsoon variations: Paradox and exploration. <i>Science China Earth Sciences</i> , 2021, 64, 529-544.	2.3	71
13	The Asian Summer Monsoon: Teleconnections and Forcing Mechanisms—A Review from Chinese Speleothem $\delta^{18}O$ Records. <i>Quaternary</i> , 2019, 2, 26.	1.0	68
14	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.	1.3	64
15	SISALv2: a comprehensive speleothem isotope database with multiple age-depth models. <i>Earth System Science Data</i> , 2020, 12, 2579-2606.	3.7	53
16	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.	1.3	50
17	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.	1.0	47
18	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.	1.6	45

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19	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.	1.6	44
20	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.	1.8	37
21	A Chinese cave links climate change, social impacts and human adaptation over the last 500 years. <i>Scientific Reports</i> , 2015, 5, 12284.	1.6	36
22	Reconstructing the western boundary variability of the Western Pacific Subtropical High over the past 2000 years via Chinese cave oxygen isotope records. <i>Climate Dynamics</i> , 2019, 52, 3741-3757.	1.7	31
23	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.	1.2	28
24	Climate changes in Northeastern Brazil from deglacial to Meghalayan periods and related environmental impacts. <i>Quaternary Science Reviews</i> , 2020, 250, 106655.	1.4	26
25	Effect of precipitation seasonality on annual oxygen isotopic composition in the area of spring persistent rain in southeastern China and its paleoclimatic implication. <i>Climate of the Past</i> , 2020, 16, 211-225.	1.3	25
26	New insights towards an integrated understanding of NE Asian monsoon during mid to late Holocene. <i>Quaternary Science Reviews</i> , 2021, 254, 106793.	1.4	22
27	Interannual oxygen isotope variability in Indian summer monsoon precipitation reflects changes in moisture sources. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	21
28	Penultimate deglaciation Asian monsoon response to North Atlantic circulation collapse. <i>Nature Geoscience</i> , 2021, 14, 937-941.	5.4	21
29	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.	0.3	14
30	Onset and termination of Heinrich Stadial 4 and the underlying climate dynamics. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	14
31	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.	1.5	12
32	Timing and structure of the weak Asian Monsoon event about 73,000 years ago. <i>Quaternary Geochronology</i> , 2019, 53, 101003.	0.6	11
33	Role of the Summer Monsoon Variability in the Collapse of the Ming Dynasty: Evidences From Speleothem Records. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093071.	1.5	11
34	A 120-year seasonally resolved speleothem record of precipitation seasonality from southeastern China. <i>Quaternary Science Reviews</i> , 2021, 264, 107023.	1.4	11
35	Response to Comments by Daniel Gebregiorgis et al. – A Brief Commentary on the Interpretation of Chinese Speleothem $\delta^{18}O$ Records as Summer Monsoon Intensity Tracers. <i>Quaternary</i> , 2020, 3, 8.	1.0	8
36	Seasonality of precipitation recorded in a modern (1907–2008) annually laminated stalagmite from central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 576, 110489.	1.0	8

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37	Highly resolved $\delta^{13}\text{C}$ and trace element ratios of precisely dated stalagmite from northwestern China: Hydroclimate reconstruction during the last two millennia. <i>Quaternary Science Reviews</i> , 2022, 291, 107473.	1.4	8
38	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.	1.4	7
39	Gradual South-North Climate Transition in the Atlantic Realm Within the Younger Dryas. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092620.	1.5	6
40	Seasonal and Inter-Annual Variations of Stable Isotopic Characteristics of Rainfall and Cave Water in Shennong Cave, Southeast China, and Its Paleoclimatic Implication. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
41	Spatial variation of precipitation in eastern China over the past 150 years based on speleothem multi-proxy analysis. <i>Quaternary International</i> , 2022, , .	0.7	2
42	The impact and implications of aragonite-to-calcite transformation on speleothem trace element composition. <i>Sedimentary Geology</i> , 2021, 425, 106010.	1.0	1
43	The Seasonally Altered Atmosphere Moisture Circulations With Rainfall and Rainfall Isotopes in Southwest China. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	1
44	Climatic and anthropogenic influence on vegetation in southeastern China during the past 120 years inferred from speleothem. <i>Quaternary International</i> , 2022, 625, 60-65.	0.7	1
45	Reply to Stuchlík et al.: The Younger Dryas onset at 12.87 ky B.P. is still justified if the Laacher See eruption is considered. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2024692118.	3.3	0