

Caiming Shen

List of Publications by Year in descending order

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44
papers

2,501
citations

257450

24
h-index

254184

43
g-index

45
all docs

45
docs citations

45
times ranked

2747
citing authors

#	ARTICLE	IF	CITATIONS
1	Past and future global transformation of terrestrial ecosystems under climate change. <i>Science</i> , 2018, 361, 920-923.	12.6	307
2	Holocene variations in the Asian monsoon inferred from the geochemistry of lake sediments in central Tibet. <i>Quaternary Research</i> , 2006, 65, 232-243.	1.7	199
3	Quantitative relationships between modern pollen rain and climate in the Tibetan Plateau. <i>Review of Palaeobotany and Palynology</i> , 2006, 140, 61-77.	1.5	181
4	Modern pollen distributions in Qinghai-Tibetan Plateau and the development of transfer functions for reconstructing Holocene environmental changes. <i>Quaternary Science Reviews</i> , 2011, 30, 947-966.	3.0	173
5	A Pacific Decadal Oscillation record since 1470 AD reconstructed from proxy data of summer rainfall over eastern China. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	163
6	A 1,000-Year History of Typhoon Landfalls in Guangdong, Southern China, Reconstructed from Chinese Historical Documentary Records. <i>Annals of the American Association of Geographers</i> , 2001, 91, 453-464.	3.0	148
7	Exceptional drought events over eastern China during the last five centuries. <i>Climatic Change</i> , 2007, 85, 453-471.	3.6	124
8	Earliest tea as evidence for one branch of the Silk Road across the Tibetan Plateau. <i>Scientific Reports</i> , 2016, 6, 18955.	3.3	105
9	A 1200-year proxy record of hurricanes and fires from the Gulf of Mexico coast: Testing the hypothesis of hurricane-fire interactions. <i>Quaternary Research</i> , 2008, 69, 29-41.	1.7	100
10	Synchronous 500-year oscillations of monsoon climate and human activity in Northeast Asia. <i>Nature Communications</i> , 2019, 10, 4105.	12.8	96
11	Spatial pattern of <i>Abies</i> and <i>Picea</i> surface pollen distribution along the elevation gradient in the Qinghai-Tibetan Plateau and Xinjiang, China. <i>Boreas</i> , 2008, 37, 254-262.	2.4	80
12	ECOTONE SHIFT AND MAJOR DROUGHTS DURING THE MID-LATE HOLOCENE IN THE CENTRAL TIBETAN PLATEAU. <i>Ecology</i> , 2008, 89, 1079-1088.	3.2	74
13	500-year climate cycles stacking of recent centennial warming documented in an East Asian pollen record. <i>Scientific Reports</i> , 2014, 4, 3611.	3.3	73
14	Asynchronous marine-terrestrial signals of the last deglacial warming in East Asia associated with low- and high-latitude climate changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9657-9662.	7.1	60
15	Changes in South Asian monsoon: New high-resolution paleoclimatic records from Tibet, China. <i>Science Bulletin</i> , 2000, 45, 87-91.	1.7	57
16	Response of Summer Precipitation over Eastern China to Large Volcanic Eruptions. <i>Journal of Climate</i> , 2010, 23, 818-824.	3.2	54
17	Characteristics of anomalous precipitation events over eastern China during the past five centuries. <i>Climate Dynamics</i> , 2008, 31, 463-476.	3.8	50
18	Shrinkage of East Asia Winter Monsoon Associated With Increased ENSO Events Since the Mid-Holocene. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3839-3848.	3.3	42

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19	Pollen-inferred vegetation and environmental changes in the central Tibetan Plateau since 8200 yr BP. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1104-1114.	0.9	37
20	A new pollen record of the last 2.8 Ma from the Co Ngoin, central Tibetan Plateau. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 292-300.	0.9	32
21	Tibetan Plateau Precipitation Modulated by the Periodically Coupled Westerlies and Asian Monsoon. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091543.	4.0	32
22	Variability of summer precipitation over Eastern China during the last millennium. <i>Climate of the Past</i> , 2009, 5, 129-141.	3.4	31
23	Numerical Analysis of Modern and Fossil Pollen Data from the Tibetan Plateau. <i>Annals of the American Association of Geographers</i> , 2008, 98, 755-772.	3.0	30
24	Modeling of severe persistent droughts over eastern China during the last millennium. <i>Climate of the Past</i> , 2014, 10, 1079-1091.	3.4	27
25	Seasonal drought events in tropical East Asia over the last 60,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30988-30992.	7.1	27
26	Temperature and precipitation changes in China during the Holocene. <i>Advances in Atmospheric Sciences</i> , 2007, 24, 1024-1036.	4.3	24
27	Association of the Rainy Season Precipitation with Low-Level Meridional Wind in the Yangtze River Valley and North China. <i>Journal of Climate</i> , 2012, 25, 792-799.	3.2	16
28	Multi-centennial climate cycles and their impact on the Tubo Dynasty in the southern Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 578, 110584.	2.3	16
29	Crossing of the Hu line by Neolithic population in response to seesaw precipitation changes in China. <i>Science Bulletin</i> , 2022, 67, 844-852.	9.0	15
30	Some fundamental misconceptions about paleotempestology. <i>Quaternary Research</i> , 2009, 71, 253-254.	1.7	14
31	Asynchronous 500-year summer monsoon rainfall cycles between Northeast and Central China during the Holocene. <i>Global and Planetary Change</i> , 2020, 195, 103324.	3.5	14
32	Fifty years of Quaternary palynology in the Tibetan Plateau. <i>Science China Earth Sciences</i> , 2021, 64, 1825-1843.	5.2	14
33	Decadal variability in snow cover over the Tibetan Plateau during the last two centuries. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	13
34	Simulation of the Interdecadal Pacific Oscillation and its impacts on the climate over eastern China during the last millennium. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7573-7585.	3.3	13
35	Modern Pollen Rain in the Tibetan Plateau. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	13
36	Vegetation successions in response to Holocene climate changes in the central Tibetan Plateau. <i>Journal of Arid Environments</i> , 2016, 125, 136-144.	2.4	10

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37	Holocene Environmental Change in the Himalayan-Tibetan Plateau Region: Lake Sediments and the Future. <i>Advances in Global Change Research</i> , 2005, , 83-92.	1.6	8
38	Long-distance modern analogues bias results of pollen-based precipitation reconstructions. <i>Science Bulletin</i> , 2022, 67, 1115-1117.	9.0	8
39	Pollen records and time scale for the RM core of the Zoige Basin, northeastern Qinghai-Tibetan Plateau. <i>Science Bulletin</i> , 2005, 50, 553-562.	1.7	7
40	A 1,400-year eolian dust activity record from Lake Erhai in the northeastern Tibetan Plateau. <i>Catena</i> , 2022, 212, 106050.	5.0	5
41	Summer precipitation changes over the Yangtze River Valley and North China: Simulations from CMIP3 models. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2014, 50, 355-364.	2.3	4
42	Rates of global temperature change during the past millennium. <i>Climate Research</i> , 2013, 57, 11-18.	1.1	3
43	Past Millennium Contrasting Hydroclimate Patterns Between Monsoonal Northern China and Arid Central Asia: a Modeling Study. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2018, 54, 445-455.	2.3	2
44	Pollen records and time scale for the RM core of the Zoige Basin, northeastern Qing-hai-Tibetan Plateau. <i>Science Bulletin</i> , 2005, 50, 553.	1.7	0