

Shengrui Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,730
citations

361413

20
h-index

289244

40
g-index

51
all docs

51
docs citations

51
times ranked

1247
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional precipitation variations during Heinrich events and Dansgaard-Oeschger cycles in the northern margin of the East Asian summer monsoon region. <i>Quaternary Science Reviews</i> , 2022, 278, 107380.	3.0	5
2	Relative pollen productivities of major woody plant taxa in deciduous broadleaved forest in the Ziwuling Mountains of the central Chinese Loess Plateau. <i>Quaternary International</i> , 2022, , .	1.5	1
3	Pollen-based temporal-spatial land cover reconstruction in North China for the last 6,000 years. <i>Quaternary International</i> , 2022, 641, 6-14.	1.5	10
4	Quantitative vegetation reconstruction in the Central North China Plain of the last 3000 years based on the REVEALS model. <i>Quaternary International</i> , 2022, 641, 39-50.	1.5	2
5	Significant weak monsoon events during the early to middle Holocene transition: Pollen evidence from an alpine lake in North China. <i>Quaternary Science Reviews</i> , 2022, 282, 107454.	3.0	7
6	Paleovegetation and paleotemperature in North China during the mid-Holocene based on sedimentological and palynological evidence from Lake Baiyangdian. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 595, 110982.	2.3	4
7	Pollen-based reconstruction of total land-cover change over the Holocene in the temperate steppe region of China: An attempt to quantify the cover of vegetation and bare ground in the past using a novel approach. <i>Catena</i> , 2022, 214, 106307.	5.0	11
8	Late Holocene transition from natural to anthropogenic forcing of vegetation change in the semi-arid region of northern China. <i>Quaternary Science Reviews</i> , 2022, 287, 107561.	3.0	15
9	Spatial and temporal characteristics of the precipitation response to the 4.2 ka event in the Asian summer monsoon region. <i>Global and Planetary Change</i> , 2022, 214, 103854.	3.5	11
10	Intensification and Driving Forces of Pastoralism in Northern China 5.7 ka Ago. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092288.	4.0	24
11	Surface pollen assemblages from different sedimentary environments in the Yinchuan Basin, North China, and their significance for stratigraphic pollen records. <i>Quaternary International</i> , 2021, 583, 103-109.	1.5	1
12	Cycles of grazing and agricultural activity during the historical period and its relationship with climatic and societal changes in northern China. <i>Land Degradation and Development</i> , 2021, 32, 3315-3325.	3.9	11
13	Holocene Indian Summer Monsoon variations inferred from end-member modeling of sediment grain size in the Andaman Sea. <i>Quaternary International</i> , 2020, 558, 28-38.	1.5	13
14	Holocene moisture variations in the Arid Central Asia: New evidence from the southern Altai Mountains of China. <i>Science of the Total Environment</i> , 2020, 735, 139545.	8.0	18
15	Relative pollen productivities of the major plant taxa of subtropical evergreen and deciduous mixed woodland in China. <i>Journal of Quaternary Science</i> , 2020, 35, 526-538.	2.1	18
16	A novel procedure for quantitative regional paleoclimatic reconstruction using surface pollen assemblages. <i>Quaternary Science Reviews</i> , 2020, 240, 106385.	3.0	14
17	Contrasting impacts of the 8.2 and 4.2 ka abrupt climatic events on the regional vegetation of the Hulun Lake region in northeastern China. <i>Journal of Quaternary Science</i> , 2020, 35, 831-840.	2.1	12
18	Inter-relationship and environmental significance of stalagmite $\delta^{13}C$ and $\delta^{18}O$ records from Zhenzhu Cave, north China, over the last 130 ka. <i>Earth and Planetary Science Letters</i> , 2020, 536, 116149.	4.4	33

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19	Holocene vegetation dynamics and associated climate changes in the Altai Mountains of the Arid Central Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 550, 109744.	2.3	14
20	The 4.2 ka event and its resulting cultural interruption in the Daihai Lake basin at the East Asian summer monsoon margin. <i>Quaternary International</i> , 2019, 527, 87-93.	1.5	37
21	Quantitative indicative significance of pollen assemblages on vegetation coverage in deciduous <i>Quercus</i> forest in the central Loess Plateau, China. <i>Science China Earth Sciences</i> , 2019, 62, 992-1001.	5.2	11
22	Water chemistry and substrate type as major determinants of molluscan feeding habit and life mode in lagoon sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 220, 120-130.	2.1	25
23	Unstable Little Ice Age climate revealed by high-resolution proxy records from northwestern China. <i>Climate Dynamics</i> , 2019, 53, 1517-1526.	3.8	30
24	Potential biodiversity threats associated with the metal pollution in the Nile Delta ecosystem (Manzala lagoon, Egypt). <i>Ecological Indicators</i> , 2019, 98, 844-853.	6.3	40
25	Spatial patterns of vegetation and climate in the North China Plain during the Last Glacial Maximum and Holocene climatic optimum. <i>Science China Earth Sciences</i> , 2019, 62, 1279-1287.	5.2	13
26	Mineralogy and carbonate geochemistry of the Dali Lake sediments: Implications for paleohydrological changes in the East Asian summer monsoon margin during the Holocene. <i>Quaternary International</i> , 2019, 527, 103-112.	1.5	20
27	Variations of the stable isotopic composition of precipitation and cave drip water at zhenzhu cave, north China: a two-year monitoring study. <i>Journal of Cave and Karst Studies</i> , 2019, 81, 123-135.	0.6	4
28	Significance of pollen assemblages for the vegetation composition of alpine shrub meadow in the Qinghai-Tibetan Plateau, China. <i>Chinese Science Bulletin</i> , 2019, 64, 2141-2150.	0.7	5
29	Holocene environmental changes and human activity at the Jijitan site in the Nihewan Basin, China. <i>Holocene</i> , 2018, 28, 1151-1159.	1.7	2
30	The manifestation of the Younger Dryas event in the East Asian summer monsoon margin: New evidence from carbonate geochemistry of the Dali Lake sediments in northern China. <i>Holocene</i> , 2018, 28, 1082-1092.	1.7	12
31	The 4.2 ka BP event: multi-proxy records from a closed lake in the northern margin of the East Asian summer monsoon. <i>Climate of the Past</i> , 2018, 14, 1417-1425.	3.4	41
32	A Review of Relative Pollen Productivity Estimates From Temperate China for Pollen-Based Quantitative Reconstruction of Past Plant Cover. <i>Frontiers in Plant Science</i> , 2018, 9, 1214.	3.6	44
33	Differential response of vegetation in Hulun Lake region at the northern margin of Asian summer monsoon to extreme cold events of the last deglaciation. <i>Quaternary Science Reviews</i> , 2018, 190, 57-65.	3.0	23
34	Phenotypic plasticity of the gastropod <i>Melanoides tuberculata</i> in the Nile Delta: A pollution-induced stabilizing selection. <i>Marine Pollution Bulletin</i> , 2018, 133, 701-710.	5.0	31
35	Carbon and nitrogen signatures of sedimentary organic matter from Dali Lake in Inner Mongolia: Implications for Holocene hydrological and ecological variations in the East Asian summer monsoon margin. <i>Quaternary International</i> , 2017, 452, 65-78.	1.5	57
36	Organic geochemical investigations of the Dali Lake sediments in northern China: Implications for environment and climate changes of the last deglaciation in the East Asian summer monsoon margin. <i>Journal of Asian Earth Sciences</i> , 2017, 140, 135-146.	2.3	13

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37	Pollen evidence for a mid-Holocene East Asian summer monsoon maximum in northern China. <i>Quaternary Science Reviews</i> , 2017, 176, 29-35.	3.0	124
38	Vegetation succession and East Asian Summer Monsoon Changes since the last deglaciation inferred from high-resolution pollen record in Gonghai Lake, Shanxi Province, China. <i>Holocene</i> , 2017, 27, 835-846.	1.7	67
39	A novel procedure for pollen-based quantitative paleoclimate reconstructions and its application in China. <i>Science China Earth Sciences</i> , 2017, 60, 2059-2066.	5.2	29
40	Studies of modern pollen assemblages for pollen dispersal- deposition- preservation process understanding and for pollen-based reconstructions of past vegetation, climate, and human impact: A review based on case studies in China. <i>Quaternary Science Reviews</i> , 2016, 149, 151-166.	3.0	83
41	Droughts in the East Asian summer monsoon margin during the last 6 kyrs: Link to the North Atlantic cooling events. <i>Quaternary Science Reviews</i> , 2016, 151, 88-99.	3.0	34
42	Characteristic pollen source area and vertical pollen dispersal and deposition in a mixed coniferous and deciduous broad-leaved woodland in the Changbai mountains, northeast China. <i>Vegetation History and Archaeobotany</i> , 2016, 25, 29-43.	2.1	19
43	Indicator pollen taxa of human-induced and natural vegetation in Northern China. <i>Holocene</i> , 2015, 25, 686-701.	1.7	34
44	Pollen-based quantitative reconstruction of the paleoclimate during the formation process of Houjiayao Relic Site in Nihewan Basin of China. <i>Quaternary International</i> , 2015, 374, 76-84.	1.5	12
45	East Asian summer monsoon precipitation variability since the last deglaciation. <i>Scientific Reports</i> , 2015, 5, 11186.	3.3	534
46	Relative pollen productivities of typical steppe species in northern China and their potential in past vegetation reconstruction. <i>Science China Earth Sciences</i> , 2014, 57, 1254-1266.	5.2	56
47	Study on stratigraphic age, climate changes and environment background of Houjiayao Site in Nihewan Basin. <i>Quaternary International</i> , 2014, 349, 42-48.	1.5	9
48	Environmental magnetic studies of sediment cores from Gonghai Lake: implications for monsoon evolution in North China during the late glacial and Holocene. <i>Journal of Paleolimnology</i> , 2013, 49, 447-464.	1.6	53
49	Pollen assemblages and their environmental implications in the Qaidam Basin, Northwest China. <i>Boreas</i> , 2012, 41, 602-613.	2.4	17
50	Surface pollen assemblages of human-disturbed vegetation and their relationship with vegetation and climate in Northeast China. <i>Science Bulletin</i> , 2012, 57, 535-547.	1.7	18
51	Pollen assemblages of cultivated vegetation in central and southern Hebei Province. <i>Journal of Chinese Geography</i> , 2011, 21, 549-560.	3.9	9