Zhuo Zheng

List of Publications by Year
in descending order

43 papers	1,666 citations	257450 24 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	1886 citing authors

#	Article	IF	Citations
1	Intensified climate drying and cooling during the last glacial culmination (20.8â€“17.5Âcal ka BP) in the south-eastern Asian monsoon domain inferred from a high-resolution pollen record. Quaternary Science Reviews, 2022, 278, 107371.	3.0	5
2	Regional land cover changes of the last 6,500 years in middle and southern subtropical China. Quaternary International, 2022, 641, 15-24.	1.5	4
3	A combined geophysical and lithological study on eruptive history and Quaternary lacustrine stratigraphy of a maar in Leizhou Peninsula, China. Journal of Palaeogeography, 2021, 10, .	1.9	5
4	Major Forest Changes in Subtropical China since the Last Ice Age. Forests, 2021, 12, 1314.	2.1	3
5	Anthropogenic impacts on Late Holocene land-cover change and floristic biodiversity loss in tropical southeastern Asia. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	58
6	Pollen atlas for selected subfamilies of Euphorbiaceae from Southern China: a complementary contribution to Quaternary pollen analysis. Palynology, 2020, 44, 659-673.	1.5	3
7	Modern pollen rain, vegetation and climate along elevation gradients in the upper-middle Yellow River: numerical approaches for quantitative environmental reconstruction. Grana, 2020, 59, 258-272.	0.8	0
8	Holocene coastal evolution preceded the expansion of paddy field rice farming. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24138-24143.	7.1	50
9	Pollen record in the northwestern continental shelf of the South China sea in the past 82Âka: Paleoenvironmental changes in the last glacial period. Journal of Asian Earth Sciences, 2020, 199, 104457.	2.3	6
10	Pollen-based Holocene quantitative temperature reconstruction on the eastern Tibetan Plateau using a comprehensive method framework. Science China Earth Sciences, 2020, 63, 1144-1160.	5.2	26
11	Evaluating quantitative pollen representation of vegetation in the tropics: A case study on the Hainan Island, tropical China. Ecological Indicators, 2020, 114, 106297.	6.3	14
12	Sensitivity of altitudinal vegetation in southwest China to changes in the Indian summer monsoon during the past 68000 years. Quaternary Science Reviews, 2020, 239, 106359.	3.0	46
13	Position and orientation of the westerly jet determined Holocene rainfall patterns in China. Nature Communications, 2019, 10, 2376.	12.8	112
14	Environmental changes in the northâ€east Sunda region over the last 40â€‰000 years. Journal of Quaternary Science, 2019, 34, 245-257.	2.1	14
15	Synchronous change of temperature and moisture over the past 50 ka in subtropical southwest China as indicated by biomarker records in a crater lake. Quaternary Science Reviews, 2019, 212, 121-134.	3.0	38
16	Brazilian montane rainforest expansion induced by Heinrich Stadial 1 event. Scientific Reports, 2019, 9, 17912.	3.3	13
17	Inconsistent interspecific and intraspecific differentiation of climate envelopes in a subtropical tree. Journal of Plant Ecology, 2019, 12, 176-185.	2.3	3
18	Utility of brGDGTs as temperature and precipitation proxies in subtropical China. Scientific Reports, 2018, 8, 194.	3.3	18

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19	Holocene fire and forest histories in relation to climate change and agriculture development in southeastern China. Quaternary International, 2018, 488, 30-40.	1.5	31
20	Diatoms and pollen data from modern surface sediment samples collected from the Merang wetlands, Kuala Terengganu, Malaysia. Data in Brief, 2018, 21, 1886-1889.	1.0	1
21	A below-the-present late Holocene relative sea level and the glacial isostatic adjustment during the Holocene in the Malay Peninsula. Quaternary Science Reviews, 2018, 201, 206-222.	3.0	26
22	Pollen morphology ofQuercussect.Ilexand its relevance for fossil pollen identification in southwest China. Grana, 2018, 57, 401-414.	0.8	11
23	Pollen morphology of selected crop plants from southern China and testing pollen morphological data in an archaeobotanical study. Vegetation History and Archaeobotany, 2018, 27, 781-799.	2.1	9
24	Past and future global transformation of terrestrial ecosystems under climate change. Science, 2018, 361, 920-923.	12.6	307
25	Holocene temperature and precipitation variability on the central Tibetan Plateau revealed by multiple palaeo-climatic proxy records from an alpine wetland sequence. Holocene, 2017, 27, 1669-1681.	1.7	15
26	Genetic divergence within the monotypic tree genus Platycarya (Juglandaceae) and its implications for speciesâ€™ past dynamics in subtropical China. Tree Genetics and Genomes, 2017, 13, 1.	1.6	11
27	Branched GDGT-based paleotemperature reconstruction of the last 30,000 years in humid monsoon region of Southeast China. Chemical Geology, 2017, 463, 94-102.	3.3	46
28	A last glacial and deglacial pollen record from the northern South China Sea: New insight into coastal-shelf paleoenvironment. Quaternary Science Reviews, 2017, 157, 114-128.	3.0	26
29	Pollen- and charcoal-based evidence for climatic and human impact on vegetation in the northern edge of Wuyi Mountains, China, during the last 8200 years. Holocene, 2016, 26, 1616-1626.	1.7	52
30	Vegetation and climate history inferred from a Qinghai Crater Lake pollen record from Tengchong, southwestern China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 461, 1-11.	2.3	50
31	U Kâ€² 37 temperature estimates from Eemian marine sediments in the southern coast of Hainan Island, tropical China. Journal of Asian Earth Sciences, 2016, 127, 91-99.	2.3	12
32	New evidence for Neolithic rice cultivation and Holocene environmental change in the Fuzhou Basin, southeast China. Vegetation History and Archaeobotany, 2016, 25, 375-386.	2.1	28
33	Holocene vegetation, environment and anthropogenic influence in the Fuzhou Basin, southeast China. Journal of Asian Earth Sciences, 2015, 99, 85-94.	2.3	39
34	East Asian pollen database: modern pollen distribution and its quantitative relationship with vegetation and climate. Journal of Biogeography, 2014, 41, 1819-1832.	3.0	126
35	An examination of the fidelity of n-alkanes as a palaeoclimate proxy from sediments of Palaeolake Tianyang, South China. Quaternary International, 2014, 333, 100-109.	1.5	29
36	Changes in sea level, water salinity and wetland habitat linked to the late agricultural development in the Pearl River delta plain of China. Quaternary Science Reviews, 2013, 70, 145-157.	3.0	50

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37	The role of sea-level rise, monsoonal discharge and the palaeo-landscape in the early Holocene evolution of the Pearl River delta, southern China. Quaternary Science Reviews, 2012, 54, 77-88.	3.0	72
38	A continuous record of vegetation and climate change over the past 50,000years in the Fujian Province of eastern subtropical China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 365-366, 115-123.	2.3	79
39	Modern pollen assemblages from cultivated rice fields and rice pollen morphology: Application to a study of ancient land use and agriculture in the Pearl River Delta, China. Holocene, 2012, 22, 1393-1404.	1.7	66
40	Pollen record of the past 60 ka BP in the Middle Okinawa Trough: Terrestrial provenance and reconstruction of the paleoenvironment. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 307, 285-300.	2.3	45
41	Holocene sea-level change and the emergence of Neolithic seafaring in the Fuzhou Basin (Fujian,) Tj ETQq1 1 0.784314 rgBT /Overloc	3.0	61
42	Dust pollen distribution on a continental scale and its relation to present-day vegetation along north-south transects in east China. Science in China Series D: Earth Sciences, 2007, 50, 236-246.	0.9	21
43	High-resolution records of Holocene from the Shuangchi Maar Lake in Hainan Island. Science Bulletin, 2003, 48, 497-502.	1.7	35