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	Past and future global transformation of terrestrial ecosystems under climate change. Science, 2018, 361, 920-923.	12.6	307
2	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
3	Position and orientation of the westerly jet determined Holocene rainfall patterns in China. Nature Communications, 2019, 10, 2376.	12.8	112
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Holocene vegetation, environment and anthropogenic influence in the Fuzhou Basin, southeast China. Journal of Asian Earth Sciences, 2015, 99, 85-94.	2.3	39
17	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
18	High-resolution records of Holocene from the Shuangchi Maar Lake in Hainan Island. Science Bulletin, 2003, 48, 497-502.	1.7	35

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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	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
21	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
22	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
23	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
24	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
25	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
26	Utility of brGDGTs as temperature and precipitation proxies in subtropical China. Scientific Reports, 2018, 8, 194.	3.3	18
27	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
28	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
29	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
30	Brazilian montane rainforest expansion induced by Heinrich Stadial 1 event. Scientific Reports, 2019, 9, 17912.	3.3	13
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	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
33	Pollen morphology ofQuercussect.Ilexand its relevance for fossil pollen identification in southwest China. Grana, 2018, 57, 401-414.	0.8	11
34	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
35	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
36	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

#	Article	IF	Citations
37	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
38	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
39	Inconsistent interspecific and intraspecific differentiation of climate envelopes in a subtropical tree. Journal of Plant Ecology, 2019, 12, 176-185.	2.3	3
40	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
41	Major Forest Changes in Subtropical China since the Last Ice Age. Forests, 2021, 12, 1314.	2.1	3
42	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
43	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