

An Zhisheng

List of Publications by Year in descending order

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393
papers

51,357
citations

2671

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400
docs citations

400
times ranked

24951
citing authors

#	ARTICLE	IF	CITATIONS
1	Selected water-soluble organic compounds found in size-resolved aerosols collected from urban, mountain and marine atmospheres over East Asia. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 63, 371.	0.8	36
2	Sediment Soot Radiocarbon Indicates that Recent Pollution Controls Slowed Fossil Fuel Emissions in Southeastern China. <i>Environmental Science & Technology</i> , 2022, 56, 1534-1543.	4.6	11
3	Deep root information "hidden in the dark": A case study on the 21-m soil profile of <i>Robinia pseudoacacia</i> in the critical zone of the Chinese loess Plateau. <i>Catena</i> , 2022, 213, 106121.	2.2	9
4	Millennial-scale Monsoon Variability Modulated by Low-latitude Insolation During the Last Glaciation. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
5	Ultra-high resolution $\delta^{18}O$ of land snail shell: A potential tool to reconstruct frequency and intensity of paleoprecipitation events. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 327, 21-33.	1.6	7
6	Spatial non-stationary effects of explanatory variables on soil bulk density in the critical zone of the Chinese Loess Plateau. <i>European Journal of Soil Science</i> , 2022, 73, .	1.8	1
7	A review of orbital-scale monsoon variability and dynamics in East Asia during the Quaternary. <i>Quaternary Science Reviews</i> , 2022, 288, 107593.	1.4	13
8	Possible obliquity-forced warmth in southern Asia during the last glacial stage. <i>Science Bulletin</i> , 2021, 66, 1136-1145.	4.3	71
9	Megadrought and cultural exchange along the proto-silk road. <i>Science Bulletin</i> , 2021, 66, 603-611.	4.3	52
10	Global-scale altitude effect on leaf wax n-alkane δD values in terrestrial higher plants. <i>Science China Earth Sciences</i> , 2021, 64, 825-834.	2.3	5
11	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
12	Distinct effects of winter monsoon and westerly circulation on dust aerosol transport over East Asia. <i>Theoretical and Applied Climatology</i> , 2021, 144, 1031-1042.	1.3	11
13	The genesis, development, and evolution of original vertical joints in loess. <i>Earth-Science Reviews</i> , 2021, 214, 103526.	4.0	38
14	Seasonal Variation of the Westerly Jet over Asia in the Last Glacial Maximum: Role of the Tibetan Plateau Heating. <i>Journal of Climate</i> , 2021, 34, 2723-2740.	1.2	10
15	Two-stage evolution of glacial-period Asian monsoon circulation by shifts of westerly jet streams and changes of North American ice sheets. <i>Earth-Science Reviews</i> , 2021, 215, 103558.	4.0	7
16	Intra-leaf heterogeneities of hydrogen isotope compositions in leaf water and leaf wax of monocots and dicots. <i>Science of the Total Environment</i> , 2021, 770, 145258.	3.9	8
17	Global Impact of ENSO on Dust Activities with Emphasis on the Key Region from the Arabian Peninsula to Central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034068.	1.2	17
18	A data-model comparison pinpoints Holocene spatiotemporal pattern of East Asian summer monsoon. <i>Quaternary Science Reviews</i> , 2021, 261, 106911.	1.4	72

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19	Seasonality of precipitation recorded in a modern (1907â€“2008) annually laminated stalagmite from central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 576, 110489.	1.0	8
20	Variation of summer precipitation $\delta^{18}O$ on the Chinese Loess Plateau since the last interglacial. <i>Journal of Quaternary Science</i> , 2021, 36, 1214-1220.	1.1	6
21	Watershed spatial heterogeneity of soil saturated hydraulic conductivity as affected by landscape unit in the critical zone. <i>Catena</i> , 2021, 203, 105322.	2.2	9
22	Clumped isotopic compositions of cultured and natural land-snail shells and their implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 577, 110530.	1.0	9
23	Persistent orbital influence on millennial climate variability through the Pleistocene. <i>Nature Geoscience</i> , 2021, 14, 812-818.	5.4	41
24	Global warming-induced Asian hydrological climate transition across the Mioceneâ€“Pliocene boundary. <i>Nature Communications</i> , 2021, 12, 6935.	5.8	31
25	Eccentricity-paced monsoon variability on the northeastern Tibetan Plateau in the Late Oligocene high CO ₂ world. <i>Science Advances</i> , 2021, 7, eabk2318.	4.7	16
26	Source-to-sink fluctuations of Asian aeolian deposits since the late Oligocene. <i>Earth-Science Reviews</i> , 2020, 200, 102963.	4.0	61
27	Clumped and stable isotopes of land snail shells on the Chinese Loess Plateau and their climatic implications. <i>Chemical Geology</i> , 2020, 533, 119414.	1.4	15
28	Variations in capacity and storage of plant-available water in deep profiles along a revegetation and precipitation gradient. <i>Journal of Hydrology</i> , 2020, 581, 124401.	2.3	21
29	Orbital climate variability on the northeastern Tibetan Plateau across the Eoceneâ€“Oligocene transition. <i>Nature Communications</i> , 2020, 11, 5249.	5.8	44
30	Sustainability of soil organic carbon in consolidated gully land in Chinaâ€™s Loess Plateau. <i>Scientific Reports</i> , 2020, 10, 16927.	1.6	8
31	Carbon and oxygen isotopes of calcified root cells, carbonate nodules and total inorganic carbon in the Chinese loessâ€“paleosol sequence: The application of paleoenvironmental studies. <i>Journal of Asian Earth Sciences</i> , 2020, 201, 104515.	1.0	9
32	Recent anthropogenic curtailing of Yellow River runoff and sediment load is unprecedented over the past 500 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18251-18257.	3.3	77
33	Loess magnetic susceptibility flux: A new proxy of East Asian monsoon precipitation. <i>Journal of Asian Earth Sciences</i> , 2020, 201, 104489.	1.0	15
34	Dynamic of <i>Tridacna</i> spp. population variability in northern SCS over past 4500 years derived from AMS ¹⁴ C dating. <i>Science of the Total Environment</i> , 2020, 748, 141359.	3.9	2
35	Two-stage mid-Brunhes climate transition and mid-Pleistocene human diversification. <i>Earth-Science Reviews</i> , 2020, 210, 103354.	4.0	35
36	The 3.6-Ma aridity and westerlies history over midlatitude Asia linked with global climatic cooling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24729-24734.	3.3	62

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37	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
38	Vapor isotopic evidence for the worsening of winter air quality by anthropogenic combustion-derived water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33005-33010.	3.3	24
39	Formation and re-orientation of the Suerkuli Basin within the Altyn Tagh in northeastern Tibetan Plateau since late Miocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 556, 109851.	1.0	3
40	Onset of permanent Taklimakan Desert linked to the mid-Pleistocene transition. <i>Geology</i> , 2020, 48, 782-786.	2.0	35
41	Fossil fuel CO ₂ traced by radiocarbon in fifteen Chinese cities. <i>Science of the Total Environment</i> , 2020, 729, 138639.	3.9	23
42	Calibrating branched GDGTs in bones to temperature and precipitation: Application to Alaska chronological sequences. <i>Quaternary Science Reviews</i> , 2020, 240, 106371.	1.4	10
43	Extreme weather events recorded by daily to hourly resolution biogeochemical proxies of marine giant clam shells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7038-7043.	3.3	40
44	Asian inland wildfires driven by glacial–interglacial climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5184-5189.	3.3	36
45	Climatic control of orbital time-scale wildfire occurrences since the late MIS 3 at Qinghai Lake, monsoon marginal zone. <i>Quaternary International</i> , 2020, 550, 20-26.	0.7	7
46	Impacts of shrub introduction on soil properties and implications for dryland revegetation. <i>Science of the Total Environment</i> , 2020, 742, 140498.	3.9	15
47	Centennial- to millennial-scale monsoon changes since the last deglaciation linked to solar activities and North Atlantic cooling. <i>Climate of the Past</i> , 2020, 16, 315-324.	1.3	42
48	Calibrating bacterial tetraether distributions towards in situ soil temperature and application to a loess-paleosol sequence. <i>Quaternary Science Reviews</i> , 2020, 231, 106172.	1.4	46
49	Comparison of different chain n-fatty acids in modern plants on the Loess Plateau of China. <i>Frontiers of Earth Science</i> , 2020, 14, 615-624.	0.9	1
50	Leaf wax n-alkane carbon isotope values vary among major terrestrial plant groups: Different responses to precipitation amount and temperature, and implications for paleoenvironmental reconstruction. <i>Earth-Science Reviews</i> , 2020, 202, 103081.	4.0	29
51	Warming favors subtropical lake cyanobacterial biomass increasing. <i>Science of the Total Environment</i> , 2020, 726, 138606.	3.9	20
52	Temperature seasonality and ENSO variability in the northern South China Sea during the Medieval Climate Anomaly interval derived from the Sr/Ca ratios of <i>Tridacna</i> shell. <i>Journal of Asian Earth Sciences</i> , 2019, 180, 103880.	1.0	10
53	Radiative Effect of Mineral Dust on East Asian Summer Monsoon During the Last Glacial Maximum: Role of Snow–Albedo Feedback. <i>Geophysical Research Letters</i> , 2019, 46, 10901-10909.	1.5	19
54	Impact of the Green Light Program on haze in the North China Plain, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11185-11197.	1.9	2

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55	Comparison of n-alkane concentrations and $\delta^{13}C$ values between leaves and roots in modern plants on the Chinese Loess Plateau. <i>Organic Geochemistry</i> , 2019, 138, 103913.	0.9	9
56	Diverse manifestations of the mid-Pleistocene climate transition. <i>Nature Communications</i> , 2019, 10, 352.	5.8	118
57	Effect of ship emissions on O ₃ in the Yangtze River Delta region of China: Analysis of WRF-Chem modeling. <i>Science of the Total Environment</i> , 2019, 683, 360-370.	3.9	32
58	Monsoonal control on a delayed response of sedimentation to the 2008 Wenchuan earthquake. <i>Science Advances</i> , 2019, 5, eaav7110.	4.7	20
59	Intensive land restoration profoundly alters the spatial and seasonal patterns of deep soil water storage at watershed scales. <i>Agriculture, Ecosystems and Environment</i> , 2019, 280, 129-141.	2.5	18
60	Responses of cyanobacteria to climate and human activities at Lake Chenghai over the past 100 years. <i>Ecological Indicators</i> , 2019, 104, 755-763.	2.6	34
61	Severe haze in northern China: A synergy of anthropogenic emissions and atmospheric processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8657-8666.	3.3	609
62	800-kyr land temperature variations modulated by vegetation changes on Chinese Loess Plateau. <i>Nature Communications</i> , 2019, 10, 1958.	5.8	97
63	Is Chinese stalagmite $\delta^{18}O$ solely controlled by the Indian summer monsoon?. <i>Climate Dynamics</i> , 2019, 53, 2969-2983.	1.7	23
64	Exploring the role of land restoration in the spatial patterns of deep soil water at watershed scales. <i>Catena</i> , 2019, 172, 387-396.	2.2	35
65	Variations in hydrogen isotopic fractionation in higher plants and sediments across different latitudes: Implications for paleohydrological reconstruction. <i>Science of the Total Environment</i> , 2019, 650, 470-478.	3.9	31
66	Solar activity and the westerlies dominate decadal hydroclimatic changes over arid Central Asia. <i>Global and Planetary Change</i> , 2019, 173, 53-60.	1.6	35
67	A late Miocene ostracod record from the northeastern Tibetan Plateau. <i>Journal of Paleolimnology</i> , 2019, 61, 297-312.	0.8	3
68	Mid-Miocene C ₄ expansion on the Chinese Loess Plateau under an enhanced Asian summer monsoon. <i>Journal of Asian Earth Sciences</i> , 2018, 158, 153-159.	1.0	25
69	The linkages with fires, vegetation composition and human activity in response to climate changes in the Chinese Loess Plateau during the Holocene. <i>Quaternary International</i> , 2018, 488, 18-29.	0.7	13
70	Late Holocene anti-phase change in the East Asian summer and winter monsoons. <i>Quaternary Science Reviews</i> , 2018, 188, 28-36.	1.4	46
71	Reevaluation of carbonate concentration and oxygen isotope records from Lake Qinghai, the northeastern Tibetan Plateau. <i>Quaternary International</i> , 2018, 482, 122-130.	0.7	15
72	Impact of Climate Change on Siberian High and Wintertime Air Pollution in China in Past Two Decades. <i>Earth's Future</i> , 2018, 6, 118-133.	2.4	49

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73	Global Boundary Stratotype Section and Point (GSSP) for the Anthropocene Series: Where and how to look for potential candidates. <i>Earth-Science Reviews</i> , 2018, 178, 379-429.	4.0	153
74	Responses of ENSO and NAO to the external radiative forcing during the last millennium: Results from CCSM4 and MPI-ESM-P simulations. <i>Quaternary International</i> , 2018, 487, 99-111.	0.7	7
75	Palaeoenvironmental implication of grain-size compositions of terrace deposits on the western Chinese Loess Plateau. <i>Aeolian Research</i> , 2018, 32, 202-209.	1.1	28
76	Magnetostratigraphy of the Oligocene mammalian faunas in the Lanzhou Basin, Northwest China. <i>Journal of Asian Earth Sciences</i> , 2018, 159, 24-33.	1.0	15
77	The 9.2 ka event in Asian summer monsoon area: the strongest millennial scale collapse of the monsoon during the Holocene. <i>Climate Dynamics</i> , 2018, 50, 2767-2782.	1.7	37
78	Geochemical characteristics of surface dune sand in the Mu Us Desert, Inner Mongolia, and implications for reconstructing the paleoenvironment. <i>Quaternary International</i> , 2018, 479, 106-116.	0.7	14
79	Abrupt climatic events recorded by the Ili loess during the last glaciation in Central Asia: Evidence from grain-size and minerals. <i>Journal of Asian Earth Sciences</i> , 2018, 155, 58-67.	1.0	43
80	Hydrological changes in Shuangchi Lake, Hainan Island, tropical China, during the Little Ice Age. <i>Quaternary International</i> , 2018, 487, 54-60.	0.7	13
81	Mid-Miocene climatic optimum: Clay mineral evidence from the red clay succession, Longzhong Basin, Northern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 512, 46-55.	1.0	38
82	Mineral magnetic record of the Miocene-Pliocene climate transition on the Chinese Loess Plateau, North China. <i>Quaternary Research</i> , 2018, 89, 619-628.	1.0	6
83	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
84	Hydroclimatic variability in loess $\delta^{18}O$ records from the central Chinese Loess Plateau over the past 250 ka. <i>Journal of Asian Earth Sciences</i> , 2018, 155, 49-57.	1.0	17
85	Late Miocene magnetostratigraphy of Jianshan Basin in the northeastern margin of the Tibetan Plateau and changes in the East Asian summer monsoon. <i>Geological Journal</i> , 2018, 53, 282-292.	0.6	12
86	Microcodium in Chinese loess as a recorder for the oxygen isotopic composition of monsoonal rainwater. <i>Quaternary International</i> , 2018, 464, 364-369.	0.7	10
87	A hierarchical framework for disentangling different controls on leaf wax $\delta^{13}C$ -alkane values in terrestrial higher plants. <i>Quaternary Science Reviews</i> , 2018, 201, 409-417.	1.4	22
88	Reply to Zhang et al.: Late Miocene–Pliocene magnetostratigraphy of the Shilou Red Clay on the eastern Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2018, 503, 252-255.	1.8	3
89	Abrupt environmental changes during the last 30 kyr in the southern margin of the Taklimakan Desert, a record from an oasis. <i>Quaternary Science Reviews</i> , 2018, 201, 29-43.	1.4	12
90	Leaf wax n-alkane distributions across plant types in the central Chinese Loess Plateau. <i>Organic Geochemistry</i> , 2018, 125, 260-269.	0.9	29

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91	Black carbon and charcoal records of fire and human land use over the past 1300 years at the Tongguan Kiln archaeological site, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 504, 162-169.	1.0	7
92	A 550,000-year record of East Asian monsoon rainfall from ^{10}Be in loess. <i>Science</i> , 2018, 360, 877-881.	6.0	183
93	Effect of ecological restoration programs on dust concentrations in the North China Plain: a case study. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6353-6366.	1.9	16
94	Role of the Tian Shan Mountains and Pamir Plateau in Increasing Spatiotemporal Differentiation of Precipitation over Interior Asia. <i>Journal of Climate</i> , 2018, 31, 8141-8162.	1.2	29
95	Does afforestation deteriorate haze pollution in Beijing-Tianjin-Hebei (BTH), China?. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10869-10879.	1.9	22
96	Spatial and temporal variability of 0 to 5 cm soil water storage at the watershed scale. <i>Hydrological Processes</i> , 2018, 32, 2557-2569.	1.1	11
97	The age of human remains and associated fauna from Zhiren Cave in Guangxi, southern China. <i>Quaternary International</i> , 2017, 434, 84-91.	0.7	35
98	Decreasing monsoon precipitation in southwest China during the last 240 years associated with the warming of tropical ocean. <i>Climate Dynamics</i> , 2017, 48, 1769-1778.	1.7	72
99	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. <i>Quaternary Science Reviews</i> , 2017, 158, 15-28.	1.4	124
100	Climate change and tectonic activity during the early Pliocene Warm Period from the ostracod record at Lake Qinghai, northeastern Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 466-476.	1.0	11
101	Northward extent of East Asian monsoon covaries with intensity on orbital and millennial timescales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1817-1821.	3.3	192
102	Using δD -alkane as a proxy for paleo-environmental reconstruction: A good choice to sample at the site dominated by woods. <i>Science of the Total Environment</i> , 2017, 599-600, 554-559.	3.9	14
103	Early Pleistocene occurrence of Acheulian technology in North China. <i>Quaternary Science Reviews</i> , 2017, 156, 12-22.	1.4	18
104	Hydrogen isotopic compositions of long-chain leaf wax n-alkanes in Lake Qinghai sediments record palaeohydrological variations during the past 12 ka. <i>Quaternary International</i> , 2017, 449, 67-74.	0.7	32
105	Recent enhancement of central Pacific El Niño variability relative to last eight centuries. <i>Nature Communications</i> , 2017, 8, 15386.	5.8	126
106	Reply to Liu et al.: East Asian summer monsoon rainfall dominates Lake Dali lake area changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2989-E2990.	3.3	6
107	Late Miocene - early Pleistocene climate change in the mid-latitude westerlies and their influence on Asian monsoon as constrained by the K/Al ratio record from drill core Ls2 in the Tarim Basin. <i>Catena</i> , 2017, 153, 75-82.	2.2	13
108	Identification of sources of metal in the agricultural soils of the Guanzhong Plain, northwest China. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1510-1516.	2.2	20

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109	North Atlantic Abrupt Climate Signals during the Last Glacial Period in Central Asia: Evidences from Aeolian Loess Sediments. <i>Acta Geologica Sinica</i> , 2017, 91, 1942-1943.	0.8	5
110	Rock Magnetism of the Offshore Sediments of Lake Qinghai in the Western China. <i>Frontiers in Earth Science</i> , 2016, 4, .	0.8	2
111	Late Oligocene–Early Miocene magnetostratigraphy of the mammalian faunas in the Lanzhou Basin—environmental changes in the NE margin of the Tibetan Plateau. <i>Scientific Reports</i> , 2016, 6, 38023.	1.6	10
112	Identification of Greigite in the Pliocene Sediments of Qinghai Lake and Its Geological Significance. <i>Acta Geologica Sinica</i> , 2016, 90, 2261-2262.	0.8	1
113	Preliminary Studies of Speleothem in Central Asia. <i>Acta Geologica Sinica</i> , 2016, 90, 2279-2280.	0.8	2
114	The occurrence and sources of heavy metal contamination in peri-urban and smelting contaminated sites in Baoji, China. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 251.	1.3	19
115	The Anthropocene: a conspicuous stratigraphical signal of anthropogenic changes in production and consumption across the biosphere. <i>Earth's Future</i> , 2016, 4, 34-53.	2.4	66
116	Late Miocene–Pliocene Asian monsoon intensification linked to Antarctic ice-sheet growth. <i>Earth and Planetary Science Letters</i> , 2016, 444, 75-87.	1.8	86
117	Large Holocene summer temperature oscillations and impact on the peopling of the northeastern Tibetan Plateau. <i>Geophysical Research Letters</i> , 2016, 43, 1323-1330.	1.5	150
118	Geological record of meltwater events at Qinghai Lake, China from the past 40 ka. <i>Quaternary Science Reviews</i> , 2016, 149, 279-287.	1.4	41
119	Peatland development and climate changes in the Dajiuhu basin, central China, over the last 14,100 years. <i>Quaternary International</i> , 2016, 425, 273-281.	0.7	29
120	Persistent sulfate formation from London Fog to Chinese haze. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13630-13635.	3.3	1,044
121	Different hydrogen isotope fractionations during lipid formation in higher plants: Implications for paleohydrology reconstruction at a global scale. <i>Scientific Reports</i> , 2016, 6, 19711.	1.6	43
122	Lead Contamination and Source Characterization in Soils Around a Lead–Zinc Smelting Plant in a Near-Urban Environment in Baoji, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 71, 500-508.	2.1	10
123	Rapid and cyclic dust accumulation during MIS 2 in Central Asia inferred from loess OSL dating and grain-size analysis. <i>Scientific Reports</i> , 2016, 6, 32365.	1.6	38
124	Grain size of Lake Qinghai sediments: Implications for riverine input and Holocene monsoon variability. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 41-51.	1.0	104
125	New magnetostratigraphy of Late Miocene mammal fauna, NE Tibetan Plateau, China: Mammal migration and paleoenvironments. <i>Earth and Planetary Science Letters</i> , 2016, 434, 220-230.	1.8	15
126	Seismically enhanced solute fluxes in the Yangtze River headwaters following the A.D. 2008 Wenchuan earthquake. <i>Geology</i> , 2016, 44, 47-50.	2.0	31

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127	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016, 351, aad2622.	6.0	1,543
128	Nonstationary impact of the winter North Atlantic Oscillation and the response of mid-latitude Eurasian climate. <i>Theoretical and Applied Climatology</i> , 2016, 124, 1-14.	1.3	36
129	Soil N retention and nitrate leaching in three types of dunes in the Mu Us desert of China. <i>Scientific Reports</i> , 2015, 5, 14222.	1.6	48
130	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
131	Occurrence of greigite in the Pliocene sediments of Lake Qinghai, China, and its paleoenvironmental and paleomagnetic implications. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1293-1306.	1.0	24
132	Distinct impacts of the Mongolian and Tibetan Plateaus on the evolution of the East Asian monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 4764-4782.	1.2	62
133	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
134	Miocene climate change on the Chinese Loess Plateau: Possible links to the growth of the northern Tibetan Plateau and global cooling. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2097-2108.	1.0	45
135	Climate significance of speleothem $\delta^{18}O$ from central China on decadal timescale. <i>Journal of Asian Earth Sciences</i> , 2015, 106, 150-155.	1.0	31
136	When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. <i>Quaternary International</i> , 2015, 383, 196-203.	0.7	546
137	Variability of stalagmite-inferred Indian monsoon precipitation over the past 252,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2954-2959.	3.3	233
138	Insight into the reasons of leaf wax $\delta^{13}C$ -alkane values between grasses and woods. <i>Science Bulletin</i> , 2015, 60, 549-555.	4.3	20
139	Dynamics of the intertropical convergence zone over the western Pacific during the Little Ice Age. <i>Nature Geoscience</i> , 2015, 8, 315-320.	5.4	137
140	Stephen C. Porter, 1934-2015. <i>Quaternary Research</i> , 2015, 83, 395-396.	1.0	1
141	Mass accumulation rate changes in Chinese loess during MIS 2, and asynchrony with records from Greenland ice cores and North Pacific Ocean sediments during the Last Glacial Maximum. <i>Aeolian Research</i> , 2015, 19, 251-258.	1.1	54
142	Lake Qinghai sediment geochemistry linked to hydroclimate variability since the last glacial. <i>Quaternary Science Reviews</i> , 2015, 122, 63-73.	1.4	84
143	Astronomical and glacial forcing of East Asian summer monsoon variability. <i>Quaternary Science Reviews</i> , 2015, 115, 132-142.	1.4	141
144	The precipitation threshold value on C4/C3 abundance of the Loess Plateau, China. <i>Science Bulletin</i> , 2015, 60, 718-725.	4.3	9

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