

An Zhisheng

List of Publications by Year in descending order

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393
papers

51,357
citations

2669

95
h-index

1627

215
g-index

400
all docs

400
docs citations

400
times ranked

24951
citing authors

#	ARTICLE	IF	CITATIONS
1	High secondary aerosol contribution to particulate pollution during haze events in China. <i>Nature</i> , 2014, 514, 218-222.	13.7	3,582
2	A High-Resolution Absolute-Dated Late Pleistocene Monsoon Record from Hulu Cave, China. <i>Science</i> , 2001, 294, 2345-2348.	6.0	2,594
3	Global Iron Connections Between Desert Dust, Ocean Biogeochemistry, and Climate. <i>Science</i> , 2005, 308, 67-71.	6.0	2,365
4	Evolution of Asian monsoons and phased uplift of the Himalaya-Tibetan plateau since Late Miocene times. <i>Nature</i> , 2001, 411, 62-66.	13.7	2,269
5	The Holocene Asian Monsoon: Links to Solar Changes and North Atlantic Climate. <i>Science</i> , 2005, 308, 854-857.	6.0	2,115
6	Millennial- and orbital-scale changes in the East Asian monsoon over the past 224,000 years. <i>Nature</i> , 2008, 451, 1090-1093.	13.7	1,567
7	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016, 351, aad2622.	6.0	1,543
8	A high-resolution, absolute-dated Holocene and deglacial Asian monsoon record from Dongge Cave, China. <i>Earth and Planetary Science Letters</i> , 2005, 233, 71-86.	1.8	1,510
9	Correlation between climate events in the North Atlantic and China during the last glaciation. <i>Nature</i> , 1995, 375, 305-308.	13.7	1,154
10	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
11	Timing, Duration, and Transitions of the Last Interglacial Asian Monsoon. <i>Science</i> , 2004, 304, 575-578.	6.0	1,013
12	The history and variability of the East Asian paleomonsoon climate. <i>Quaternary Science Reviews</i> , 2000, 19, 171-187.	1.4	914
13	Asynchronous Holocene optimum of the East Asian monsoon. <i>Quaternary Science Reviews</i> , 2000, 19, 743-762.	1.4	839
14	Magnetic susceptibility evidence of monsoon variation on the Loess Plateau of central China during the last 130,000 years. <i>Quaternary Research</i> , 1991, 36, 29-36.	1.0	793
15	Chemical Characteristics of PM _{2.5} and PM ₁₀ in Haze-Fog Episodes in Beijing. <i>Environmental Science & Technology</i> , 2006, 40, 3148-3155.	4.6	727
16	Loess stratigraphy in Central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1989, 72, 203-225.	1.0	666
17	Interplay between the Westerlies and Asian monsoon recorded in Lake Qinghai sediments since 32 ka. <i>Scientific Reports</i> , 2012, 2, 619.	1.6	629
18	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

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19	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
20	Grain-size distribution function of polymodal sediments in hydraulic and aeolian environments, and numerical partitioning of the sedimentary components. <i>Sedimentary Geology</i> , 2002, 152, 263-277.	1.0	500
21	Characterization and source apportionment of atmospheric organic and elemental carbon during fall and winter of 2003 in Xi'an, China. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 3127-3137.	1.9	497
22	The ion chemistry, seasonal cycle, and sources of PM _{2.5} and TSP aerosol in Shanghai. <i>Atmospheric Environment</i> , 2006, 40, 2935-2952.	1.9	463
23	Grain Size of Quartz as an Indicator of Winter Monsoon Strength on the Loess Plateau of Central China during the Last 130,000 Yr. <i>Quaternary Research</i> , 1995, 43, 22-29.	1.0	460
24	Astronomical timescale and palaeoclimatic implication of stacked 3.6-Myr monsoon records from the Chinese Loess Plateau. <i>Quaternary Science Reviews</i> , 2006, 25, 33-48.	1.4	437
25	Influence of Atlantic meridional overturning circulation on the East Asian winter monsoon. <i>Nature Geoscience</i> , 2012, 5, 46-49.	5.4	417
26	Glacial-Interglacial Indian Summer Monsoon Dynamics. <i>Science</i> , 2011, 333, 719-723.	6.0	385
27	The variation of summer monsoon precipitation in central China since the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2010, 291, 21-31.	1.8	355
28	Pliocene uplift of the northern Tibetan Plateau. <i>Geology</i> , 2000, 28, 715.	2.0	344
29	Global Monsoon Dynamics and Climate Change. <i>Annual Review of Earth and Planetary Sciences</i> , 2015, 43, 29-77.	4.6	331
30	Late quaternary dust flow on the chinese Loess Plateau. <i>Catena</i> , 1991, 18, 125-132.	2.2	327
31	The variation of characteristics and formation mechanisms of aerosols in dust, haze, and clear days in Beijing. <i>Atmospheric Environment</i> , 2006, 40, 6579-6591.	1.9	309
32	Variation of Rb/Sr Ratios in the Loess-Paleosol Sequences of Central China during the Last 130,000 Years and Their Implications for Monsoon Paleoclimatology. <i>Quaternary Research</i> , 1999, 51, 215-219.	1.0	296
33	New eolian red clay sequence on the western Chinese Loess Plateau linked to onset of Asian desertification about 25 Ma ago. <i>Science China Earth Sciences</i> , 2011, 54, 136-144.	2.3	267
34	The air pollution caused by the burning of fireworks during the lantern festival in Beijing. <i>Atmospheric Environment</i> , 2007, 41, 417-431.	1.9	266
35	Bimodal grain-size distribution of Chinese loess, and its palaeoclimatic implications. <i>Catena</i> , 2004, 55, 325-340.	2.2	249
36	Evaluation of the thermal/optical reflectance method for discrimination between char- and soot-EC. <i>Chemosphere</i> , 2007, 69, 569-574.	4.2	249

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37	Magnetostratigraphy and paleoclimatic interpretation of a continuous 7.2 Ma Late Cenozoic Eolian sediments from the Chinese Loess Plateau. <i>Geophysical Research Letters</i> , 1998, 25, 85-88.	1.5	241
38	Seven million years of wind and precipitation variability on the Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2010, 297, 525-535.	1.8	233
39	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
40	Annual temperatures during the last 2485 years in the mid-eastern Tibetan Plateau inferred from tree rings. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 348-359.	0.9	227
41	Human remains from Zhirendong, South China, and modern human emergence in East Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19201-19206.	3.3	223
42	New absolute time scale for the Quaternary climate in the Chinese Loess region by grain-size analysis. <i>Geology</i> , 1997, 25, 35.	2.0	222
43	Climate extremes in Loess of China coupled with the strength of deep-water formation in the North Atlantic. <i>Global and Planetary Change</i> , 1998, 18, 113-128.	1.6	220
44	The long-term paleomonsoon variation recorded by the loess-paleosol sequence in Central China. <i>Quaternary International</i> , 1990, 7-8, 91-95.	0.7	207
45	Particle Size Distribution and Polycyclic Aromatic Hydrocarbons Emissions from Agricultural Crop Residue Burning. <i>Environmental Science & Technology</i> , 2011, 45, 5477-5482.	4.6	202
46	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
47	Millennial-scale climatic oscillations during the last interglaciation in central China. <i>Geology</i> , 1997, 25, 603.	2.0	189
48	Multiple expansions of C4 plant biomass in East Asia since 7 Ma coupled with strengthened monsoon circulation. <i>Geology</i> , 2005, 33, 705.	2.0	186
49	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
50	Tectonic uplift in the northern Tibetan Plateau since 13.7 Ma ago inferred from molasse deposits along the Altyn Tagh Fault. <i>Earth and Planetary Science Letters</i> , 2005, 235, 641-653.	1.8	175
51	Late Miocene-Pliocene development of Asian aridification as recorded in the Red-Earth Formation in northern China. <i>Global and Planetary Change</i> , 2004, 41, 135-145.	1.6	172
52	Black carbon relationships with emissions and meteorology in Xi'an, China. <i>Atmospheric Research</i> , 2009, 94, 194-202.	1.8	172
53	The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. <i>Earth and Planetary Science Letters</i> , 2012, 335-336, 135-144.	1.8	171
54	Episode of Strengthened Summer Monsoon Climate of Younger Dryas Age on the Loess Plateau of Central China. <i>Quaternary Research</i> , 1993, 39, 45-54.	1.0	155

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55	Magnetostratigraphy and palaeoclimatic significance of Late Tertiary aeolian sequences in the Chinese Loess Plateau. <i>Geophysical Journal International</i> , 1998, 134, 207-212.	1.0	153
56	Stable isotopes in bulk carbonates and organic matter in recent sediments of Lake Qinghai and their climatic implications. <i>Chemical Geology</i> , 2006, 235, 262-275.	1.4	153
57	Late Cenozoic climate changes in China's western interior: a review of research on Lake Qinghai and comparison with other records. <i>Quaternary Science Reviews</i> , 2007, 26, 2281-2300.	1.4	153
58	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
59	Astronomical calibration of loessâ€œpaleosol deposits at Luochuan, central Chinese Loess Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 154, 237-246.	1.0	151
60	Late Pliocene-Pleistocene changes in mass accumulation rates of eolian deposits on the central Chinese Loess Plateau. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	151
61	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
62	Variability of Monsoon Climate in East Asia at the End of the Last Glaciation. <i>Quaternary Research</i> , 1996, 46, 219-229.	1.0	146
63	Summer monsoon intensity controls C4/C3 plant abundance during the last 35 ka in the Chinese Loess Plateau: Carbon isotope evidence from bulk organic matter and individual leaf waxes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 220, 243-254.	1.0	146
64	High resolution characterization of the Asian Monsoon between 146,000 and 99,000Âyears B.P. from Dongge Cave, China and global correlation of events surrounding Termination II. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 236, 20-38.	1.0	146
65	Plioâ€œQuaternary stepwise drying of Asia: Evidence from a 3-Ma pollen record from the Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2007, 257, 160-169.	1.8	146
66	Astronomical and glacial forcing of East Asian summer monsoon variability. <i>Quaternary Science Reviews</i> , 2015, 115, 132-142.	1.4	141
67	Atmospheric trace elements over source regions for Chinese dust: concentrations, sources and atmospheric deposition on the Loess plateau. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 2051-2067.	1.3	139
68	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
69	Chemical composition of dust storms in Beijing and implications for the mixing of mineral aerosol with pollution aerosol on the pathway. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	135
70	Magnetostratigraphic dating of early humans in China. <i>Earth-Science Reviews</i> , 2003, 61, 341-359.	4.0	133
71	Precipitation variation in the northeastern Tibetan Plateau recorded by the tree rings since 850 AD and its relevance to the Northern Hemisphere temperature. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 408-420.	0.9	132
72	Heterogeneous Reactions of Sulfur Dioxide on Typical Mineral Particles. <i>Journal of Physical Chemistry B</i> , 2006, 110, 12588-12596.	1.2	129

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73	Grain size of loess, palaeosol and Red Clay deposits on the Chinese Loess Plateau: Significance for understanding pedogenic alteration and palaeomonsoon evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 129-138.	1.0	129
74	Magnetostratigraphy of Cenozoic deposits in the western Qaidam Basin and its implication for the surface uplift of the northeastern margin of the Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2015, 430, 271-283.	1.8	128
75	Dependence of Near-Surface Magnetic Susceptibility on Dust Accumulation Rate and Precipitation on the Chinese Loess Plateau. <i>Quaternary Research</i> , 2001, 55, 271-283.	1.0	127
76	Recent enhancement of central Pacific El Niño variability relative to last eight centuries. <i>Nature Communications</i> , 2017, 8, 15386.	5.8	126
77	High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. <i>Geology</i> , 2006, 34, 621.	2.0	125
78	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. <i>Quaternary Science Reviews</i> , 2017, 158, 15-28.	1.4	124
79	The Loess-Paleosol Sequence in China and Climatic History. <i>Episodes</i> , 1985, 8, 21-28.	0.8	124
80	Water-soluble part of the aerosol in the dust storm season—evidence of the mixing between mineral and pollution aerosols. <i>Atmospheric Environment</i> , 2005, 39, 7020-7029.	1.9	123
81	Loess in Kunlun Mountains and its implications on desert development and Tibetan Plateau uplift in west China. <i>Science in China Series D: Earth Sciences</i> , 2002, 45, 289-299.	0.9	122
82	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
83	Diverse manifestations of the mid-Pleistocene climate transition. <i>Nature Communications</i> , 2019, 10, 352.	5.8	118
84	Paleoclimatic significance of grain size of loess-palaeosol deposit in Chinese Loess Plateau. <i>Science in China Series D: Earth Sciences</i> , 1998, 41, 626-631.	0.9	115
85	New Magnetostratigraphic Dates of Lantian <i>Homo erectus</i> . <i>Quaternary Research</i> , 1989, 32, 213-221.	1.0	114
86	Total organic carbon isotopes: A novel proxy of lake level from Lake Qinghai in the Qinghai-Tibet Plateau, China. <i>Chemical Geology</i> , 2013, 347, 153-160.	1.4	114
87	Variations in chemical compositions of the eolian dust in Chinese Loess Plateau over the past 2.5 Ma and chemical weathering in the Asian inland. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 403-413.	0.9	111
88	Summer monsoon precipitation variations in central China over the past 750 years derived from a high-resolution absolute-dated stalagmite. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 432-439.	1.0	106
89	Glacial and interglacial patterns for Asian dust transport. <i>Quaternary Science Reviews</i> , 1999, 18, 811-819.	1.4	105
90	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

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91	Aeolian origin and palaeoclimatic implications of the 'red clay' (north China) as evidenced by grain-size distribution. <i>Journal of Quaternary Science</i> , 2001, 16, 89-97.	1.1	103
92	Temperature variations recorded in <i>Pinus tabulaeformis</i> tree rings from the southern and northern slopes of the central Qinling Mountains, central China. <i>Boreas</i> , 2009, 38, 285-291.	1.2	103
93	The magnetic properties of particle-sized samples from the Luo Chuan loess section: evidence for pedogenesis. <i>Physics of the Earth and Planetary Interiors</i> , 1991, 68, 250-258.	0.7	101
94	The evolution of chemical components of aerosols at five monitoring sites of China during dust storms. <i>Atmospheric Environment</i> , 2007, 41, 1091-1106.	1.9	100
95	Particulate-associated potentially harmful elements in urban road dusts in Xi'an, China. <i>Applied Geochemistry</i> , 2008, 23, 835-845.	1.4	97
96	800-kyr land temperature variations modulated by vegetation changes on Chinese Loess Plateau. <i>Nature Communications</i> , 2019, 10, 1958.	5.8	97
97	Cyclic Quaternary alluviation and terracing in a nonglaciaded drainage basin on the north flank of the Qinling Shan, central China. <i>Quaternary Research</i> , 1992, 38, 157-169.	1.0	95
98	Magnetostratigraphy and palaeoclimate of Red Clay sequences from Chinese Loess Plateau. <i>Science in China Series D: Earth Sciences</i> , 1997, 40, 337-343.	0.9	95
99	Carbon isotope composition of long chain leaf wax n-alkanes in lake sediments: A dual indicator of paleoenvironment in the Qinghai-Tibet Plateau. <i>Organic Geochemistry</i> , 2015, 83-84, 190-201.	0.9	94
100	Evaluation of the thermal/optical reflectance method for quantification of elemental carbon in sediments. <i>Chemosphere</i> , 2007, 69, 526-533.	4.2	93
101	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
102	The Late Cenozoic uplift of the Liupan Shan, China. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 176-184.	0.9	92
103	Elemental Carbon and Polycyclic Aromatic Compounds in a 150-Year Sediment Core from Lake Qinghai, Tibetan Plateau, China: Influence of Regional and Local Sources and Transport Pathways. <i>Environmental Science & Technology</i> , 2015, 49, 4176-4183.	4.6	92
104	Late Miocene episodic lakes in the arid Tarim Basin, western China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16292-16296.	3.3	91
105	Organic Molecular Compositions and Size Distributions of Chinese Summer and Autumn Aerosols from Nanjing: Characteristic Haze Event Caused by Wheat Straw Burning. <i>Environmental Science & Technology</i> , 2009, 43, 6493-6499.	4.6	90
106	Major ion chemistry of waters in Lake Qinghai catchments, NE Qinghai-Tibet plateau, China. <i>Quaternary International</i> , 2010, 212, 35-43.	0.7	88
107	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
108	Characteristics and sources of formic, acetic and oxalic acids in PM _{2.5} and PM ₁₀ aerosols in Beijing, China. <i>Atmospheric Research</i> , 2007, 84, 169-181.	1.8	85

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109	Distribution and composition of loess sediments in the Ili Basin, Central Asia. <i>Quaternary International</i> , 2014, 334-335, 61-73.	0.7	84
110	Lake Qinghai sediment geochemistry linked to hydroclimate variability since the last glacial. <i>Quaternary Science Reviews</i> , 2015, 122, 63-73.	1.4	84
111	Paleoclimatic significance of magnetic properties on the Red Clay underlying the loess and paleosols in China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 199, 153-166.	1.0	82
112	Seasonal precipitation in the south-central Helan Mountain region, China, reconstructed from tree-ring width for the past 224 years. <i>Canadian Journal of Forest Research</i> , 2005, 35, 2403-2412.	0.8	82
113	East Asian monsoon variation during the last 130,000 Years: evidence from the Loess Plateau of central China and Lake Biwa of Japan. <i>Quaternary Science Reviews</i> , 1999, 18, 147-157.	1.4	81
114	Evaluation of oxygen isotopes in carbonate as an indicator of lake evolution in arid areas: The modern Qinghai Lake, Qinghai-Tibet Plateau. <i>Chemical Geology</i> , 2009, 268, 126-136.	1.4	80
115	Eolian Quartz Flux to Lake Biwa, Central Japan, over the Past 145,000 Years. <i>Quaternary Research</i> , 1997, 48, 48-57.	1.0	78
116	The vegetation and monsoon variations at the desert-boess transition belt at Midiwan in northern China for the last 13 ka. <i>Holocene</i> , 2003, 13, 779-784.	0.9	77
117	The Plateau Monsoon variation during the past 130 kyr revealed by loess deposit at northeast Qinghai-Tibet (China). <i>Global and Planetary Change</i> , 2004, 41, 207-214.	1.6	77
118	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
119	Pretreated methods on loess-paleosol samples granulometry. <i>Science Bulletin</i> , 1998, 43, 237-240.	1.7	76
120	Variations in $^{87}\text{Sr}/^{86}\text{Sr}$ ratios of calcites in Chinese loess: a proxy for chemical weathering associated with the East Asian summer monsoon. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 157, 151-159.	1.0	75
121	Distribution of the C ₃₇ tetra-unsaturated alkenone in Lake Qinghai, China: A potential lake salinity indicator. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 988-997.	1.6	75
122	Climate patterns in north central China during the last 1800 yr and their possible driving force. <i>Climate of the Past</i> , 2011, 7, 685-692.	1.3	75
123	Characteristics and sources of polycyclic aromatic hydrocarbons and fatty acids in PM _{2.5} aerosols in dust season in China. <i>Atmospheric Environment</i> , 2006, 40, 3251-3262.	1.9	74
124	Comparison of Elemental Carbon in Lake Sediments Measured by Three Different Methods and 150-Year Pollution History in Eastern China. <i>Environmental Science & Technology</i> , 2011, 45, 5287-5293.	4.6	74
125	Changing color of Chinese loess: Geochemical constraint and paleoclimatic significance. <i>Journal of Asian Earth Sciences</i> , 2011, 40, 1131-1138.	1.0	74
126	Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope Stage 5. <i>Geology</i> , 2010, 38, 243-246.	2.0	73

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127	Eolian evidence from the Chinese Loess Plateau: the onset of the Late Cenozoic Great Glaciation in the Northern Hemisphere and Qinghai-Xizang Plateau uplift forcing. <i>Science in China Series D: Earth Sciences</i> , 1999, 42, 258-271.	0.9	72
128	Three large shifts in East Asian monsoon circulation indicated by loessâ€“paleosol sequences in China and late Cenozoic deposits in Japan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 154, 179-189.	1.0	72
129	Decreasing monsoon precipitation in southwest China during the last 240Âyears associated with the warming of tropical ocean. <i>Climate Dynamics</i> , 2017, 48, 1769-1778.	1.7	72
130	A data-model comparison pinpoints Holocene spatiotemporal pattern of East Asian summer monsoon. <i>Quaternary Science Reviews</i> , 2021, 261, 106911.	1.4	72
131	Teleconnection of climatic events between East Asia and polar, high latitude areas during the last deglaciation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 152, 163-172.	1.0	71
132	Possible obliquity-forced warmth in southern Asia during the last glacial stage. <i>Science Bulletin</i> , 2021, 66, 1136-1145.	4.3	71
133	Late Quaternary Records of the Atmospheric Input of Eolian Dust to the Center of the Chinese Loess Plateau. <i>Quaternary Research</i> , 1994, 41, 35-43.	1.0	70
134	Palaeomagnetic stratigraphy of Lake Bungunna: Plio-pleistocene precursor of aridity in the murray basin, Southeastern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1986, 54, 219-239.	1.0	69
135	A Quaternary climate record based on grain size analysis from the Luochuan loess section on the Central Loess Plateau, China. <i>Global and Planetary Change</i> , 2004, 41, 167-183.	1.6	69
136	Late Neogene rock magnetic record of climatic variation from Chinese eolian sediments related to uplift of the Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2007, 30, 324-332.	1.0	67
137	A Rb/Sr record of the weathering response to environmental changes in westerly winds across the Tarim Basin in the late Miocene to the early Pleistocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 364-373.	1.0	67
138	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
139	Variability of East Asian Winter Monsoon in Quaternary Climatic Extremes in North China. <i>Quaternary Research</i> , 2000, 54, 321-327.	1.0	65
140	Characterization of the Chinese loessâ€“paleosol stratigraphy by whiteness measurement. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 183, 287-297.	1.0	65
141	The Tibetan Plateau as amplifier of orbital-scale variability of the East Asian monsoon. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	65
142	Transformation functions of soil color and climate. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 218-226.	0.9	64
143	Carbon isotopic composition of modern soil and paleosol as a response to vegetation change on the Chinese Loess Plateau. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 93-99.	0.9	64
144	East Asia winter monsoon variations on a millennial time-scale before the last glacial-interglacial cycle. <i>Journal of Quaternary Science</i> , 1999, 14, 101-110.	1.1	63

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