

An Zhisheng

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

385
papers

40,587
citations

89
h-index

196
g-index

400
ext. papers

46,160
ext. citations

6
avg, IF

7.13
L-index

#	Paper	IF	Citations
385	High secondary aerosol contribution to particulate pollution during haze events in China. <i>Nature</i> , 2014 , 514, 218-22	50.4	2713
384	A high-resolution absolute-dated late Pleistocene Monsoon record from Hulu Cave, China. <i>Science</i> , 2001 , 294, 2345-8	33.3	2145
383	Global iron connections between desert dust, ocean biogeochemistry, and climate. <i>Science</i> , 2005 , 308, 67-71	33.3	1996
382	Evolution of Asian monsoons and phased uplift of the Himalaya-Tibetan plateau since Late Miocene times. <i>Nature</i> , 2001 , 411, 62-6	50.4	1838
381	The Holocene Asian monsoon: links to solar changes and North Atlantic climate. <i>Science</i> , 2005 , 308, 854-7	33.3	1771
380	Millennial- and orbital-scale changes in the East Asian monsoon over the past 224,000 years. <i>Nature</i> , 2008 , 451, 1090-3	50.4	1289
379	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	5.3	1199
378	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016 , 351, aad2622	33.3	1050
377	Correlation between climate events in the North Atlantic and China during the last glaciation. <i>Nature</i> , 1995 , 375, 305-308	50.4	1023
376	Timing, duration, and transitions of the last interglacial Asian monsoon. <i>Science</i> , 2004 , 304, 575-8	33.3	867
375	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	11.5	803
374	The history and variability of the East Asian paleomonsoon climate. <i>Quaternary Science Reviews</i> , 2000 , 19, 171-187	3.9	800
373	Asynchronous Holocene optimum of the East Asian monsoon. <i>Quaternary Science Reviews</i> , 2000 , 19, 743-762	3.9	720
372	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	1.9	702
371	Chemical characteristics of PM _{2.5} and PM ₁₀ in haze-fog episodes in Beijing. <i>Environmental Science & Technology</i> , 2006 , 40, 3148-55	10.3	635
370	Loess stratigraphy in Central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1989 , 72, 203-225	2.5	586
369	Interplay between the Westerlies and Asian monsoon recorded in Lake Qinghai sediments since 32 ka. <i>Scientific Reports</i> , 2012 , 2, 619	4.9	451

368	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	2.8	405
367	The ion chemistry, seasonal cycle, and sources of PM2.5 and TSP aerosol in Shanghai. <i>Atmospheric Environment</i> , 2006 , 40, 2935-2952	5.3	399
366	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	1.9	398
365	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	6.8	397
364	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	11.5	366
363	When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. <i>Quaternary International</i> , 2015 , 383, 196-203	2	357
362	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	3.9	348
361	Glacial-interglacial Indian summer monsoon dynamics. <i>Science</i> , 2011 , 333, 719-23	33.3	304
360	Influence of Atlantic meridional overturning circulation on the East Asian winter monsoon. <i>Nature Geoscience</i> , 2012 , 5, 46-49	18.3	303
359	The variation of summer monsoon precipitation in central China since the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2010 , 291, 21-31	5.3	303
358	Pliocene uplift of the northern Tibetan Plateau. <i>Geology</i> , 2000 , 28, 715	5	303
357	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	5.3	280
356	Late quaternary dust flow on the chinese Loess Plateau. <i>Catena</i> , 1991 , 18, 125-132	5.8	279
355	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	1.9	257
354	The air pollution caused by the burning of fireworks during the lantern festival in Beijing. <i>Atmospheric Environment</i> , 2007 , 41, 417-431	5.3	222
353	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	4.9	209
352	Global Monsoon Dynamics and Climate Change. <i>Annual Review of Earth and Planetary Sciences</i> , 2015 , 43, 29-77	15.3	207
351	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	4.6	205

350	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	4.2	200
349	Bimodal grain-size distribution of Chinese loess, and its palaeoclimatic implications. <i>Catena</i> , 2004 , 55, 325-340	5.8	197
348	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		194
347	Evaluation of the thermal/optical reflectance method for discrimination between char- and soot-EC. <i>Chemosphere</i> , 2007 , 69, 569-74	8.4	193
346	New absolute time scale for the Quaternary climate in the Chinese Loess region by grain-size analysis. <i>Geology</i> , 1997 , 25, 35	5	191
345	Seven million years of wind and precipitation variability on the Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2010 , 297, 525-535	5.3	175
344	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, 19201-6	11.5	168
343	Multiple expansions of C4 plant biomass in East Asia since 7 Ma coupled with strengthened monsoon circulation. <i>Geology</i> , 2005 , 33, 705	5	167
342	The long-term paleomonsoon variation recorded by the loess-paleosol sequence in Central China. <i>Quaternary International</i> , 1990 , 7-8, 91-95	2	166
341	Millennial-scale climatic oscillations during the last interglaciation in central China. <i>Geology</i> , 1997 , 25, 603	5	161
340	Particle size distribution and polycyclic aromatic hydrocarbons emissions from agricultural crop residue burning. <i>Environmental Science & Technology</i> , 2011 , 45, 5477-82	10.3	160
339	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, 2954-9	11.5	159
338	Late MiocenePliocene development of Asian aridification as recorded in the Red-Earth Formation in northern China. <i>Global and Planetary Change</i> , 2004 , 41, 135-145	4.2	153
337	Black carbon relationships with emissions and meteorology in Xi'an, China. <i>Atmospheric Research</i> , 2009 , 94, 194-202	5.4	142
336	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	5.3	142
335	Magnetostratigraphy and palaeoclimatic significance of Late Tertiary aeolian sequences in the Chinese Loess Plateau. <i>Geophysical Journal International</i> , 1998 , 134, 207-212	2.6	140
334	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	3.9	135
333	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	4.2	135

332	Astronomical calibration of loess-paleosol deposits at Luochuan, central Chinese Loess Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999 , 154, 237-246	2.9	135
331	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	1.9	134
330	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	5.3	129
329	Variability of Monsoon Climate in East Asia at the End of the Last Glaciation. <i>Quaternary Research</i> , 1996 , 46, 219-229	1.9	129
328	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	2.9	128
327	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	11.5	127
326	High resolution characterization of the Asian Monsoon between 146,000 and 99,000 years B.P. from Dongge Cave, China and global correlation of events surrounding Termination II. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 236, 20-38	2.9	123
325	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		120
324	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,		119
323	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,		118
322	Plio-Quaternary 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	5.3	117
321	Magnetostratigraphic dating of early humans in China. <i>Earth-Science Reviews</i> , 2003 , 61, 341-359	10.2	117
320	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		114
319	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	5.3	111
318	Heterogeneous reactions of sulfur dioxide on typical mineral particles. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 12588-96	3.4	110
317	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	2.9	109
316	The Loess-Paleosol Sequence in China and Climatic History. <i>Episodes</i> , 1985 , 8, 21-28	1.6	108
315	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		107

314	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	1.9	105
313	Dynamics of the intertropical convergence zone over the western Pacific during the Little Ice Age. <i>Nature Geoscience</i> , 2015 , 8, 315-320	18.3	102
312	Astronomical and glacial forcing of East Asian summer monsoon variability. <i>Quaternary Science Reviews</i> , 2015 , 115, 132-142	3.9	102
311	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	10.2	101
310	High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. <i>Geology</i> , 2006 , 34, 621	5	100
309	New Magnetostratigraphic Dates of Lantian Homo erectus. <i>Quaternary Research</i> , 1989 , 32, 213-221	1.9	100
308	A 550,000-year record of East Asian monsoon rainfall from Be in loess. <i>Science</i> , 2018 , 360, 877-881	33.3	100
307	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		95
306	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		95
305	Glacial and interglacial patterns for Asian dust transport. <i>Quaternary Science Reviews</i> , 1999 , 18, 811-819	3.9	94
304	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	2.3	93
303	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	5.3	91
302	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	4.2	91
301	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	2.9	91
300	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	2.3	91
299	Particulate-associated potentially harmful elements in urban road dusts in Xi'an, China. <i>Applied Geochemistry</i> , 2008 , 23, 835-845	3.5	89
298	The evolution of chemical components of aerosols at five monitoring sites of China during dust storms. <i>Atmospheric Environment</i> , 2007 , 41, 1091-1106	5.3	89
297	Large Holocene summer temperature oscillations and impact on the peopling of the northeastern Tibetan Plateau. <i>Geophysical Research Letters</i> , 2016 , 43, 1323-1330	4.9	89

296	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. <i>Quaternary Science Reviews</i> , 2017 , 158, 15-28	3.9	87
295	Magnetostratigraphy and palaeoclimate of Red Clay sequences from Chinese Loess Plateau. <i>Science in China Series D: Earth Sciences</i> , 1997 , 40, 337-343		85
294	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	1.9	84
293	Recent enhancement of central Pacific El Niño variability relative to last eight centuries. <i>Nature Communications</i> , 2017 , 8, 15386	17.4	82
292	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	2.4	82
291	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, 6493-9	10.3	78
290	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	4.2	76
289	Evaluation of the thermal/optical reflectance method for quantification of elemental carbon in sediments. <i>Chemosphere</i> , 2007 , 69, 526-33	8.4	76
288	The Late Cenozoic uplift of the Liupan Shan, China. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 176-184		76
287	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	1.9	74
286	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	3.9	74
285	Grain size of Lake Qinghai sediments: Implications for riverine input and Holocene monsoon variability. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 449, 41-51	2.9	73
284	Major ion chemistry of waters in Lake Qinghai catchments, NE Qinghai-Tibet plateau, China. <i>Quaternary International</i> , 2010 , 212, 35-43	2	73
283	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	3.1	71
282	Eolian Quartz Flux to Lake Biwa, Central Japan, over the Past 145,000 Years. <i>Quaternary Research</i> , 1997 , 48, 48-57	1.9	71
281	Characteristics and sources of formic, acetic and oxalic acids in PM2.5 and PM10 aerosols in Beijing, China. <i>Atmospheric Research</i> , 2007 , 84, 169-181	5.4	71
280	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, 4176-83	10.3	70
279	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	2.9	70

278	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	4.2	70
277	Distribution of the C37 tetra-unsaturated alkenone in Lake Qinghai, China: A potential lake salinity indicator. <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 988-997	5.5	68
276	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, 16292-6	11.5	67
275	Characteristics and sources of polycyclic aromatic hydrocarbons and fatty acids in PM2.5 aerosols in dust season in China. <i>Atmospheric Environment</i> , 2006 , 40, 3251-3262	5.3	66
274	Palaeomagnetic stratigraphy of Lake Bungunnia: Plio-pleistocene precursor of aridity in the murray basin, Southeastern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1986 , 54, 219-239	2.9	65
273	Variations in 87Sr/86Sr 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	2.9	63
272	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		63
271	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	2.9	63
270	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	3.9	62
269	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	2.6	62
268	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, 5287-93	10.3	61
267	Three large shifts in East Asian monsoon circulation indicated by loess-paleosol sequences in China and late Cenozoic deposits in Japan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999 , 154, 179-189	2.9	61
266	Lake Qinghai sediment geochemistry linked to hydroclimate variability since the last glacial. <i>Quaternary Science Reviews</i> , 2015 , 122, 63-73	3.9	60
265	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	1.9	60
264	Distribution and composition of loess sediments in the Ili Basin, Central Asia. <i>Quaternary International</i> , 2014 , 334-335, 61-73	2	59
263	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	4.2	59
262	Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope Stage 5. <i>Geology</i> , 2010 , 38, 243-246	5	58
261	Luminescence age and palaeoenvironmental implications of a late Pleistocene ground wedge on the Northeastern Tibetan Plateau. <i>Permafrost and Periglacial Processes</i> , 2001 , 12, 203-210	4.2	58

260	Late MiocenePliocene Asian monsoon intensification linked to Antarctic ice-sheet growth. <i>Earth and Planetary Science Letters</i> , 2016 , 444, 75-87	5.3	58
259	Pretreated methods on loess-palaeosol samples granulometry. <i>Science Bulletin</i> , 1998 , 43, 237-240		57
258	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		57
257	Terrestrial evidence for a spatial structure of tropicalpolar interconnections during the Younger Dryas episode. <i>Earth and Planetary Science Letters</i> , 2001 , 191, 231-239	5.3	57
256	Diverse manifestations of the mid-Pleistocene climate transition. <i>Nature Communications</i> , 2019 , 10, 352	17.4	56
255	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	2.8	56
254	The Tibetan Plateau as amplifier of orbital-scale variability of the East Asian monsoon. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	55
253	Characterization of the Chinese loesspaleosol stratigraphy by whiteness measurement. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002 , 183, 287-297	2.9	55
252	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	5.3	54
251	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	4.2	53
250	East Asia winter monsoon variations on a millennial time-scale before the last glacialinterglacial cycle. <i>Journal of Quaternary Science</i> , 1999 , 14, 101-110	2.3	53
249	800-kyr land temperature variations modulated by vegetation changes on Chinese Loess Plateau. <i>Nature Communications</i> , 2019 , 10, 1958	17.4	52
248	Changing color of Chinese loess: Geochemical constraint and paleoclimatic significance. <i>Journal of Asian Earth Sciences</i> , 2011 , 40, 1131-1138	2.8	51
247	Amplitudes, rates, periodicities and causes of temperature variations in the past 2485 years and future trends over the central-eastern Tibetan Plateau. <i>Science Bulletin</i> , 2011 , 56, 2986		51
246	Tree-ring precipitation records from Baiyinaobao, Inner Mongolia since A.D. 1838. <i>Science Bulletin</i> , 2003 , 48, 1140-1145		51
245	Variability of East Asian Winter Monsoon in Quaternary Climatic Extremes in North China. <i>Quaternary Research</i> , 2000 , 54, 321-327	1.9	51
244	Tree-Ring-Derived Precipitation Records from Inner Mongolia, China, Since A.D. 1627. <i>Tree-Ring Research</i> , 2007 , 63, 3-14	1	50
243	Transformation functions of soil color and climate. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 218-226		50

242	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	2.9	48
241	A 130-ka reconstruction of precipitation on the Chinese Loess Plateau from organic carbon isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008 , 270, 59-63	2.9	48
240	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	7.9	48
239	A detailed palaeomagnetic record for the last interglacial period. <i>Earth and Planetary Science Letters</i> , 1995 , 133, 339-351	5.3	46
238	Pedogenic response to millennial summer monsoon enhancements on the Tibetan Plateau. <i>Quaternary International</i> , 2003 , 106-107, 79-88	2	45
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