

An Zhisheng

List of Publications by Year in Descending Order

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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	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	5.8	0
384	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	5.5	0
383	Global warming-induced Asian hydrological climate transition across the Miocene-Pliocene boundary. <i>Nature Communications</i> , 2021 , 12, 6935	17.4	2
382	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	4.6	0
381	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	5.3	10
380	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	3	2
379	The genesis, development, and evolution of original vertical joints in loess. <i>Earth-Science Reviews</i> , 2021 , 214, 103526	10.2	11
378	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	4.4	1
377	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	10.2	1
376	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	10.2	4
375	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	4.4	2
374	A data-model comparison pinpoints Holocene spatiotemporal pattern of East Asian summer monsoon. <i>Quaternary Science Reviews</i> , 2021 , 261, 106911	3.9	14
373	Possible obliquity-forced warmth in southern Asia during the last glacial stage. <i>Science Bulletin</i> , 2021 , 66, 1136-1145	10.6	16
372	Megadrought and cultural exchange along the proto-silk road. <i>Science Bulletin</i> , 2021 , 66, 603-611	10.6	20
371	Seasonality of precipitation recorded in a modern (1907-2008) annually laminated stalagmite from central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 576, 110489	2.9	2
370	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	2.3	0
369	Watershed spatial heterogeneity of soil saturated hydraulic conductivity as affected by landscape unit in the critical zone. <i>Catena</i> , 2021 , 203, 105322	5.8	2

368	Clumped isotopic compositions of cultured and natural land-snail shells and their implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 577, 110530	2.9	3
367	Eccentricity-paced monsoon variability on the northeastern Tibetan Plateau in the Late Oligocene high CO world.. <i>Science Advances</i> , 2021 , 7, eabk2318	14.3	4
366	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 ,	11.5	9
365	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	2.9	2
364	Onset of permanent Taklimakan Desert linked to the mid-Pleistocene transition. <i>Geology</i> , 2020 , 48, 782-786	3.86	13
363	Fossil fuel CO traced by radiocarbon in fifteen Chinese cities. <i>Science of the Total Environment</i> , 2020 , 729, 138639	10.2	11
362	Calibrating branched GDGTs in bones to temperature and precipitation: Application to Alaska chronological sequences. <i>Quaternary Science Reviews</i> , 2020 , 240, 106371	3.9	4
361	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	11.5	18
360	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	11.5	11
359	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	2	3
358	Impacts of shrub introduction on soil properties and implications for dryland revegetation. <i>Science of the Total Environment</i> , 2020 , 742, 140498	10.2	6
357	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	3.9	21
356	Calibrating bacterial tetraether distributions towards in situ soil temperature and application to a loess-paleosol sequence. <i>Quaternary Science Reviews</i> , 2020 , 231, 106172	3.9	15
355	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	1.7	1
354	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	10.2	12
353	Warming favors subtropical lake cyanobacterial biomass increasing. <i>Science of the Total Environment</i> , 2020 , 726, 138606	10.2	6
352	Clumped and stable isotopes of land snail shells on the Chinese Loess Plateau and their climatic implications. <i>Chemical Geology</i> , 2020 , 533, 119414	4.2	8
351	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	6	11

350	Orbital climate variability on the northeastern Tibetan Plateau across the Eocene-Oligocene transition. <i>Nature Communications</i> , 2020 , 11, 5249	17.4	14
349	Sustainability of soil organic carbon in consolidated gully land in China's Loess Plateau. <i>Scientific Reports</i> , 2020 , 10, 16927	4.9	4
348	Carbon and oxygen isotopes of calcified root cells, carbonate nodules and total inorganic carbon in the Chinese loess paleosol sequence: The application of paleoenvironmental studies. <i>Journal of Asian Earth Sciences</i> , 2020 , 201, 104515	2.8	2
347	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	11.5	23
346	Loess magnetic susceptibility flux: A new proxy of East Asian monsoon precipitation. <i>Journal of Asian Earth Sciences</i> , 2020 , 201, 104489	2.8	6
345	Dynamic of <i>Tridacna</i> spp. population variability in northern SCS over past 4500 years derived from AMS C dating. <i>Science of the Total Environment</i> , 2020 , 748, 141359	10.2	1
344	Two-stage mid-Brunhes climate transition and mid-Pleistocene human diversification. <i>Earth-Science Reviews</i> , 2020 , 210, 103354	10.2	13
343	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	11.5	23
342	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	11.5	37
341	Source-to-sink fluctuations of Asian aeolian deposits since the late Oligocene. <i>Earth-Science Reviews</i> , 2020 , 200, 102963	10.2	25
340	Comparison of n-alkane concentrations and δ values between leaves and roots in modern plants on the Chinese Loess Plateau. <i>Organic Geochemistry</i> , 2019 , 138, 103913	3.1	6
339	Diverse manifestations of the mid-Pleistocene climate transition. <i>Nature Communications</i> , 2019 , 10, 352	17.4	56
338	Effect of ship emissions on O in the Yangtze River Delta region of China: Analysis of WRF-Chem modeling. <i>Science of the Total Environment</i> , 2019 , 683, 360-370	10.2	16
337	Monsoonal control on a delayed response of sedimentation to the 2008 Wenchuan earthquake. <i>Science Advances</i> , 2019 , 5, eaav7110	14.3	12
336	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	5.7	8
335	Responses of cyanobacteria to climate and human activities at Lake Chenghai over the past 100 years. <i>Ecological Indicators</i> , 2019 , 104, 755-763	5.8	17
334	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
333	800-kyr land temperature variations modulated by vegetation changes on Chinese Loess Plateau. <i>Nature Communications</i> , 2019 , 10, 1958	17.4	52

332	Is Chinese stalagmite $\delta^{18}O$ solely controlled by the Indian summer monsoon?. <i>Climate Dynamics</i> , 2019 , 53, 2969-2983	4.2	11
331	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	2.8	5
330	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	4.9	9
329	Impact of the Green Light Program on haze in the North China Plain, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 11185-11197	6.8	1
328	Exploring the role of land restoration in the spatial patterns of deep soil water at watershed scales. <i>Catena</i> , 2019 , 172, 387-396	5.8	24
327	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	10.2	18
326	Solar activity and the westerlies dominate decadal hydroclimatic changes over arid Central Asia. <i>Global and Planetary Change</i> , 2019 , 173, 53-60	4.2	21
325	A late Miocene ostracod record from the northeastern Tibetan Plateau. <i>Journal of Paleolimnology</i> , 2019 , 61, 297-312	2.1	2
324	Mid-Miocene C4 expansion on the Chinese Loess Plateau under an enhanced Asian summer monsoon. <i>Journal of Asian Earth Sciences</i> , 2018 , 158, 153-159	2.8	16
323	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	2	8
322	Late Holocene anti-phase change in the East Asian summer and winter monsoons. <i>Quaternary Science Reviews</i> , 2018 , 188, 28-36	3.9	32
321	Reevaluation of carbonate concentration and oxygen isotope records from Lake Qinghai, the northeastern Tibetan Plateau. <i>Quaternary International</i> , 2018 , 482, 122-130	2	14
320	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	7.9	33
319	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
318	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	2	3
317	Palaeoenvironmental implication of grain-size compositions of terrace deposits on the western Chinese Loess Plateau. <i>Aeolian Research</i> , 2018 , 32, 202-209	3.9	19
316	Magnetostratigraphy of the Oligocene mammalian faunas in the Lanzhou Basin, Northwest China. <i>Journal of Asian Earth Sciences</i> , 2018 , 159, 24-33	2.8	9
315	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	4.2	20

314	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	2	6
313	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	2.8	32
312	Hydrological changes in Shuangchi Lake, Hainan Island, tropical China, during the Little Ice Age. <i>Quaternary International</i> , 2018 , 487, 54-60	2	9
311	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	2.9	20
310	Mineral magnetic record of the Miocene-Pliocene climate transition on the Chinese Loess Plateau, North China. <i>Quaternary Research</i> , 2018 , 89, 619-628	1.9	4
309	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	4.4	17
308	Does afforestation deteriorate haze pollution in Beijing-Tianjin-Hebei (BTH), China?. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10869-10879	6.8	12
307	Spatial and temporal variability of 0- to 5-m soil water storage at the watershed scale. <i>Hydrological Processes</i> , 2018 , 32, 2557-2569	3.3	7
306	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
305	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	2.8	11
304	Late Miocene magnetostratigraphy of Jianzha 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	1.7	7
303	Microcodium in Chinese loess as a recorder for the oxygen isotopic composition of monsoonal rainwater. <i>Quaternary International</i> , 2018 , 464, 364-369	2	6
302	A hierarchical framework for disentangling different controls on leaf wax $\delta^{13}C$ values in terrestrial higher plants. <i>Quaternary Science Reviews</i> , 2018 , 201, 409-417	3.9	14
301	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	5.3	2
300	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	3.9	6
299	Leaf wax n-alkane distributions across plant types in the central Chinese Loess Plateau. <i>Organic Geochemistry</i> , 2018 , 125, 260-269	3.1	16
298	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	2.9	6
297	A 550,000-year record of East Asian monsoon rainfall from Be in loess. <i>Science</i> , 2018 , 360, 877-881	33.3	100

296	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	6.8	11
295	The age of human remains and associated fauna from Zhiren Cave in Guangxi, southern China. <i>Quaternary International</i> , 2017 , 434, 84-91	2	23
294	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
293	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. <i>Quaternary Science Reviews</i> , 2017 , 158, 15-28	3.9	87
292	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 ^{2.8}		9
291	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
290	Using δ 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	10.2	10
289	Early Pleistocene occurrence of Acheulian technology in North China. <i>Quaternary Science Reviews</i> , 2017 , 156, 12-22	3.9	13
288	Hydrogen isotopic compositions of long-chain leaf wax n-alkanes in Lake Qinghai sediments record palaeohydrological variations during the past 12ka. <i>Quaternary International</i> , 2017 , 449, 67-74	2	23
287	Recent enhancement of central Pacific El Niño variability relative to last eight centuries. <i>Nature Communications</i> , 2017 , 8, 15386	17.4	82
286	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 ^{11.5}		6
285	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	5.8	7
284	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	3.8	15
283	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	0.7	3
282	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	3	25
281	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
280	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	4.9	31
279	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	3.2	5

278	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	4.9	27
277	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
276	New magnetochronology of Late Miocene mammal fauna, NE Tibetan Plateau, China: Mammal migration and paleoenvironments. <i>Earth and Planetary Science Letters</i> , 2016 , 434, 220-230	5.3	12
275	Seismically enhanced solute fluxes in the Yangtze River headwaters following the A.D. 2008 Wenchuan earthquake. <i>Geology</i> , 2016 , 44, 47-50	5	22
274	The Anthropocene is functionally and stratigraphically distinct from the Holocene. <i>Science</i> , 2016 , 351, aad2622	33.3	1050
273	Rock Magnetism of the Offshore Sediments of Lake Qinghai in the Western China. <i>Frontiers in Earth Science</i> , 2016 , 4,	3.5	2
272	Late Oligocene-Early Miocene magnetochronology 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	4.9	4
271	Identification of Greigite in the Pliocene Sediments of Qinghai Lake and Its Geological Significance. <i>Acta Geologica Sinica</i> , 2016 , 90, 2261-2262	0.7	0
270	Preliminary Studies of Speleothem in Central Asia. <i>Acta Geologica Sinica</i> , 2016 , 90, 2279-2280	0.7	2
269	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	3.1	11
268	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
267	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
266	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
265	Geological record of meltwater events at Qinghai Lake, China from the past 40 ka. <i>Quaternary Science Reviews</i> , 2016 , 149, 279-287	3.9	27
264	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	2	15
263	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
262	Insight into the reasons of leaf wax δD n-alkane values between grasses and woods. <i>Science Bulletin</i> , 2015 , 60, 549-555	10.6	13
261	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

260	Stephen C. Porter, 1934–2015. <i>Quaternary Research</i> , 2015 , 83, 395-396	1.9	0
259	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	3.9	39
258	Lake Qinghai sediment geochemistry linked to hydroclimate variability since the last glacial. <i>Quaternary Science Reviews</i> , 2015 , 122, 63-73	3.9	60
257	Astronomical and glacial forcing of East Asian summer monsoon variability. <i>Quaternary Science Reviews</i> , 2015 , 115, 132-142	3.9	102
256	The precipitation threshold value on C 4 /C 3 abundance of the Loess Plateau, China. <i>Science Bulletin</i> , 2015 , 60, 718-725	10.6	6
255	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
254	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
253	A new approach for reconstructing Holocene temperatures from a multi-species long chain alkenone record from Lake Qinghai on the northeastern Tibetan Plateau. <i>Organic Geochemistry</i> , 2015 , 88, 50-58	3.1	26
252	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
251	Holocene wildfire history and human activity from high-resolution charcoal and elemental black carbon records in the Guanzhong Basin of the Loess Plateau, China. <i>Quaternary Science Reviews</i> , 2015 , 109, 76-87	3.9	37
250	Global Monsoon Dynamics and Climate Change. <i>Annual Review of Earth and Planetary Sciences</i> , 2015 , 43, 29-77	15.3	207
249	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	4.9	21
248	A Chinese cave links climate change, social impacts, and human adaptation over the last 500 years. <i>Scientific Reports</i> , 2015 , 5, 12284	4.9	30
247	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	3.6	18
246	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	4.4	42
245	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	2.4	21
244	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	3.6	29
243	Climate significance of speleothem $\delta^{18}O$ from central China on decadal timescale. <i>Journal of Asian Earth Sciences</i> , 2015 , 106, 150-155	2.8	22

242	When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. <i>Quaternary International</i> , 2015 , 383, 196-203	2	357
241	Timing and Spatial Distribution of Loess in Xinjiang, NW China. <i>PLoS ONE</i> , 2015 , 10, e0125492	3.7	13
240	Magnetic parameter variations in the Chaona loess/paleosol sequences in the central Chinese Loess Plateau, and their significance for the middle Pleistocene climate transition. <i>Quaternary Research</i> , 2014 , 81, 433-444	1.9	43
239	Timing of the Brunhes-Matuyama magnetic polarity reversal in Chinese loess using ¹⁰ Be. <i>Geology</i> , 2014 , 42, 467-470	5	25
238	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
237	Quantification of magnetic nanoparticles with broad-band-frequency magnetic susceptibility measurements: a case study of an upper loess/palaeosol succession at Luochuan, Chinese Loess Plateau. <i>Geophysical Journal International</i> , 2014 , 199, 767-783	2.6	6
236	Late Miocene–Early Pleistocene paleoproductivity variations of the Lop Nor in the Tarim Basin and its implications on aridification in Asian Interior. <i>Science Bulletin</i> , 2014 , 59, 3650-3658		2
235	High secondary aerosol contribution to particulate pollution during haze events in China. <i>Nature</i> , 2014 , 514, 218-22	50.4	2713
234	Clay mineral records of the Erlangjian drill core sediments from the Lake Qinghai Basin, China. <i>Science China Earth Sciences</i> , 2014 , 57, 1846-1859	4.6	18
233	Background-like nitrate in desert air. <i>Atmospheric Environment</i> , 2014 , 84, 39-43	5.3	7
232	Great wall of solar panels to mitigate yellow dust storm. <i>Particuology</i> , 2014 , 13, 146-150	2.8	2
231	Quaternary structural partitioning within the rigid Tarim plate inferred from magnetostratigraphy and sedimentation rate in the eastern Tarim Basin in China. <i>Quaternary Research</i> , 2014 , 81, 424-432	1.9	6
230	Distribution and composition of loess sediments in the Ili Basin, Central Asia. <i>Quaternary International</i> , 2014 , 334-335, 61-73	2	59
229	Tree-ring stable carbon isotope-based May–July temperature reconstruction over Nanwutai, China, for the past century and its record of 20th century warming. <i>Quaternary Science Reviews</i> , 2014 , 93, 67-76	3.9	37
228	Stable isotope composition alteration produced by the aragonite-to-calcite transformation in speleothems and implications for paleoclimate reconstructions. <i>Sedimentary Geology</i> , 2014 , 309, 1-14	2.8	39
227	Cyclic precipitation variation on the western Loess Plateau of China during the past four centuries. <i>Scientific Reports</i> , 2014 , 4, 6381	4.9	42
226	A climate threshold at the eastern edge of the Tibetan plateau. <i>Geophysical Research Letters</i> , 2014 , 41, 5598-5604	4.9	20
225	Linking coarse silt production in Asian sand deserts and Quaternary accretion of the Chinese Loess Plateau. <i>Geology</i> , 2014 , 42, 23-26	5	30

224	14C Chronostratigraphy for Qinghai Lake in China. <i>Radiocarbon</i> , 2014 , 56, 143-155	4.6	40
223	Asian Monsoon Variability Recorded in Other Archives. <i>Developments in Paleoenvironmental Research</i> , 2014 , 145-337		
222	14C Measurements of Dissolved Inorganic and Organic Carbon in Qinghai Lake and Inflowing Rivers (NE Tibet, Qinghai Plateau), China. <i>Radiocarbon</i> , 2014 , 56, 1115-1127	4.6	8
221	Trace-element variations in an annually layered stalagmite as recorders of climatic changes and anthropogenic pollution in Central China. <i>Quaternary Research</i> , 2014 , 81, 181-188	1.9	24
220	Chinese Loess and the East Asian Monsoon. <i>Developments in Paleoenvironmental Research</i> , 2014 , 23-143		5
219	Asian Dust, Eolian Iron and Black Carbon Connections to Climate Changes. <i>Developments in Paleoenvironmental Research</i> , 2014 , 339-433		2
218	Mammalian Evolution in Asia Linked to Climate Changes. <i>Developments in Paleoenvironmental Research</i> , 2014 , 435-490		4
217	Late Cenozoic Climate Change in Monsoon-Arid Asia and Global Changes. <i>Developments in Paleoenvironmental Research</i> , 2014 , 491-581		13
216	Pleistocene magnetochronology of the fauna and Paleolithic sites in the Nihewan Basin: Significance for environmental and hominin evolution in North China. <i>Quaternary Geochronology</i> , 2013 , 18, 78-92	2.7	20
215	Solar influenced late Holocene temperature changes on the northern Tibetan Plateau. <i>Science Bulletin</i> , 2013 , 58, 1053-1059		37
214	Validation and application of a thermal-optical reflectance (TOR) method for measuring black carbon in loess sediments. <i>Chemosphere</i> , 2013 , 91, 1462-70	8.4	5
213	Magnetostratigraphic evidence of a mid-Pliocene onset of the Nihewan Formation – Implications for early fauna and hominid occupation in the Nihewan Basin, North China. <i>Quaternary Science Reviews</i> , 2013 , 59, 30-42	3.9	29
212	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
211	On the potential high acid deposition in northeastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 4834-4846	4.4	39
210	Magnetostratigraphic determination of the age of ancient Lake Qinghai, and record of the East Asian monsoon since 4.63 Ma. <i>Geology</i> , 2013 , 41, 875-878	5	37
209	Spatial distributions and sequestrations of organic carbon and black carbon in soils from the Chinese Loess Plateau. <i>Science of the Total Environment</i> , 2013 , 465, 255-66	10.2	32
208	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
207	Quantitative temperature reconstruction based on growth rate of annually-layered stalagmite: a case study from central China. <i>Quaternary Science Reviews</i> , 2013 , 72, 137-145	3.9	20

206	Paleomagnetic and fission-track dating of a Late Cenozoic red earth section in the Liupan Shan and associated tectonic implications. <i>Journal of Earth Science (Wuhan, China)</i> , 2013 , 24, 506-518	2.2	8
205	Transient simulation of orbital-scale precipitation variation in monsoonal East Asia and arid central Asia during the last 150 ka. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 7481-7488	4.4	31
204	Climatic and Anthropogenic Impacts on $\delta^{13}C$ Variations in a Stalagmite from Central China. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013 , 24, 333	1.8	7
203	Thermal/optical methods for elemental carbon quantification in soils and urban dusts: equivalence of different analysis protocols. <i>PLoS ONE</i> , 2013 , 8, e83462	3.7	9
202	Individual and pooled tree-ring stable-carbon isotope series in Chinese pine from the Nan Wutai region, China: Common signal and climate relationships. <i>Chemical Geology</i> , 2012 , 330-331, 17-26	4.2	34
201	Soil-derived sulfate in atmospheric dust particles at Taklimakan desert. <i>Geophysical Research Letters</i> , 2012 , 39,	4.9	26
200	High-resolution record of geomagnetic excursions in the Matuyama chron constrains the ages of the Feiliang and Lanpo Paleolithic sites in the Nihewan Basin, North China. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	13
199	Airborne particulate organics at the summit (2060m, a.s.l.) of Mt. Hua in central China during winter: Implications for biofuel and coal combustion. <i>Atmospheric Research</i> , 2012 , 106, 108-119	5.4	20
198	Magnetostratigraphy of the Suerkuli Basin indicates Pliocene (3.2Ma) activity of the middle Altyn Tagh Fault, northern Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2012 , 44, 169-175	2.8	29
197	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
196	Magnetostratigraphic and paleoenvironmental records for a Late Cenozoic sedimentary sequence drilled from Lop Nor in the eastern Tarim Basin. <i>Global and Planetary Change</i> , 2012 , 80-81, 113-122	4.2	34
195	Influence of Atlantic meridional overturning circulation on the East Asian winter monsoon. <i>Nature Geoscience</i> , 2012 , 5, 46-49	18.3	303
194	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
193	Changing color of Chinese loess: Geochemical constraint and paleoclimatic significance. <i>Journal of Asian Earth Sciences</i> , 2011 , 40, 1131-1138	2.8	51
192	Distinct responses of East Asian summer and winter monsoons to astronomical forcing. <i>Climate of the Past</i> , 2011 , 7, 1363-1370	3.9	33
191	An Improved Oddy Test Using Metal Films. <i>Studies in Conservation</i> , 2011 , 56, 138-153	0.6	8
190	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
189	Ostracod Mg/Sr/Ca and $^{87}Sr/^{86}Sr$ geochemistry from Tibetan lake sediments: Implications for early to mid-Pleistocene Indian monsoon and catchment weathering. <i>Boreas</i> , 2011 , 40, 320-331	2.4	10

188	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> , 2011 , 63, 371-381	3.3	28
187	Chemical composition and size distribution of wintertime aerosols in the atmosphere of Mt. Hua in central China. <i>Atmospheric Environment</i> , 2011 , 45, 1251-1258	5.3	37
186	Simulated variations of eolian dust from inner Asian deserts at the mid-Pliocene, last glacial maximum, and present day: contributions from the regional tectonic uplift and global climate change. <i>Climate Dynamics</i> , 2011 , 37, 2289-2301	4.2	38
185	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
184	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
183	Glacial-interglacial Indian summer monsoon dynamics. <i>Science</i> , 2011 , 333, 719-23	33.3	304
182	Distribution and ecotoxicological significance of trace element contamination in a ~150 yr record of sediments in Lake Chaohu, Eastern China. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 743-52		24
181	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
180	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
179	Winter and summer characteristics of airborne particles inside emperor Qin's Terra-Cotta Museum, China: a study by scanning electron microscopy-energy dispersive X-ray spectrometry. <i>Journal of the Air and Waste Management Association</i> , 2011 , 61, 914-22	2.4	3
178	Size-differentiated chemical characteristics of Asian paleo dust: records from aeolian deposition on Chinese Loess Plateau. <i>Journal of the Air and Waste Management Association</i> , 2011 , 61, 180-9	2.4	15
177	Non-stationary response of Plio-Pleistocene East Asian winter monsoon variation to ice volume forcing. <i>Geological Society Special Publication</i> , 2010 , 342, 79-86	1.7	5
176	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
175	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
174	Soil respiration and net primary productivity in perennial grass and desert shrub ecosystems at the Ordos Plateau of Inner Mongolia, China. <i>Journal of Arid Environments</i> , 2010 , 74, 1248-1256	2.5	13
173	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
172	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
171	Peat records of human impacts on the atmosphere in Northwest China during the late Neolithic and Bronze Ages. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010 , 286, 17-22	2.9	10

170	Major ion chemistry of waters in Lake Qinghai catchments, NE Qinghai-Tibet plateau, China. <i>Quaternary International</i> , 2010 , 212, 35-43	2	73
169	Reconstruction of 130-kyr Relative Geomagnetic Intensities from 10Be in Two Chinese Loess Sections. <i>Radiocarbon</i> , 2010 , 52, 129-147	4.6	20
168	Correlation of paleoclimatic records between Chinese eolian sediments and Baikal lacustrine sediments. <i>Journal of Earth Science (Wuhan, China)</i> , 2010 , 21, 260-264	2.2	2
167	Spatial pattern of modern sedimentation rate of Qinghai Lake and a preliminary estimate of the sediment flux. <i>Science Bulletin</i> , 2010 , 55, 621-627		39
166	Characterization of winter airborne particles at Emperor Qin's Terra-cotta Museum, China. <i>Science of the Total Environment</i> , 2009 , 407, 5319-27	10.2	26
165	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
164	Trace elements in tree rings and their environmental effects: A case study in Xi'an City. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 504-510		8
163	Modern pollen rain in the Lake Qinghai basin, China. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 1510-1519		26
162	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
161	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
160	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
159	In memory of Liu Tungsheng (1917-2008), an assiduous trailblazer. <i>Quaternary International</i> , 2009 , 198, 1-4	2	5
158	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
157	Atmospheric deterioration of Qin brick in an environmental chamber at Emperor Qin's Terracotta Museum, China. <i>Journal of Archaeological Science</i> , 2009 , 36, 2578-2583	2.9	10
156	Elemental composition of aerosols in Daihai, a rural area in the front boundary of the summer Asian monsoon. <i>Atmospheric Research</i> , 2009 , 92, 229-235	5.4	21
155	Black carbon relationships with emissions and meteorology in Xi'an, China. <i>Atmospheric Research</i> , 2009 , 94, 194-202	5.4	142
154	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
153	Particulate-associated potentially harmful elements in urban road dusts in Xi'an, China. <i>Applied Geochemistry</i> , 2008 , 23, 835-845	3.5	89

152	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
151	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
150	A simple model for reconstructing geomagnetic field intensity with 10Be production rate and its application in Loess studies. <i>Science in China Series D: Earth Sciences</i> , 2008 , 51, 855-861		7
149	Tree-Ring-Derived Precipitation Records from Inner Mongolia, China, Since A.D. 1627. <i>Tree-Ring Research</i> , 2007 , 63, 3-14	1	50
148	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
147	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
146	Atmospheric Cu and Pb Deposition and Transport in Lake Sediments in a Remote Mountain Area, Northern China. <i>Water, Air, and Soil Pollution</i> , 2007 , 179, 167-181	2.6	37
145	An 8.1Ma calcite record of Asian summer monsoon evolution on the Chinese central Loess Plateau. <i>Science in China Series D: Earth Sciences</i> , 2007 , 50, 392-403		32
144	The orbital scale evolution of regional climate recorded in a long sediment core from Heqing, China. <i>Science Bulletin</i> , 2007 , 52, 1813-1819		9
143	Disentangling Geomagnetic and Precipitation Signals in an 80-kyr Chinese Loess Record of 10Be. <i>Radiocarbon</i> , 2007 , 49, 137-158	4.6	37
142	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
141	Elemental carbon record of paleofire history on the Chinese Loess Plateau during the last 420 ka and its response to environmental and climate changes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 252, 617-625	2.9	38
140	Contribution of inherent organic carbon to the bulk $\delta^{13}C$ signal in loess deposits from the arid western Chinese Loess Plateau. <i>Organic Geochemistry</i> , 2007 , 38, 1571-1579	3.1	37
139	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
138	Pliocene-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
137	Species, valve size, and pretreatment effects on $\delta^{18}O$ and $\delta^{13}C$ values of ostracod valves from Lake Qinghai, Qinghai-Tibet Plateau. <i>Chemical Geology</i> , 2007 , 246, 124-134	4.2	19
136	Evaluation of the thermal/optical reflectance method for discrimination between char- and soot-EC. <i>Chemosphere</i> , 2007 , 69, 569-74	8.4	193
135	Evaluation of the thermal/optical reflectance method for quantification of elemental carbon in sediments. <i>Chemosphere</i> , 2007 , 69, 526-33	8.4	76

134	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
133	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
132	Geophysical survey on the tectonic and sediment distribution of Qinghai Lake basin. <i>Science in China Series D: Earth Sciences</i> , 2006 , 49, 851-861		30
131	Variation of soil $\delta^{13}C$ values in Xifeng loess-paleosol sequence and its paleoenvironmental implication. <i>Science Bulletin</i> , 2006 , 51, 1350-1354		21
130	Geochronology of a surface core in the northern basin of Lake Qinghai: Evidence from ^{210}Pb and ^{137}Cs radionuclides. <i>Diqiu Huaxue</i> , 2006 , 25, 301-306		36
129	The ion chemistry, seasonal cycle, and sources of $PM_{2.5}$ and TSP aerosol in Shanghai. <i>Atmospheric Environment</i> , 2006 , 40, 2935-2952	5.3	399
128	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	5.3	66
127	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
126	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
125	Heterogeneous reactions of sulfur dioxide on typical mineral particles. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 12588-96	3.4	110
124	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
123	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
122	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
121	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
120	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
119	The Holocene Asian monsoon: links to solar changes and North Atlantic climate. <i>Science</i> , 2005 , 308, 854-858	3.3	1771
118	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
117	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

116	Global iron connections between desert dust, ocean biogeochemistry, and climate. <i>Science</i> , 2005 , 308, 67-71	33.3	1996
115	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
114	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
113	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
112	Did an extensive forest ever develop on the Chinese Loess Plateau during the past 130 ka?: a test using soil carbon isotopic signatures. <i>Applied Geochemistry</i> , 2005 , 20, 519-527	3.5	26
111	Environmental processes of East Eurasia: Past, present, and future. <i>Eos</i> , 2005 , 86, 89	1.5	4
110	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
109	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
108	Formation of the Yazhi Spring Stream and its significance on tectonics-climate on the northern slope of Kunlun Mountains. <i>Science Bulletin</i> , 2005 , 50, 2064-2069	10.6	1
107	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
106	Exploratory Temperature and Precipitation Reconstructions from the Qinling Mountains, North-Central China. <i>Tree-Ring Research</i> , 2005 , 61, 59-72	1	19
105	Magnetic properties of Jiaxian red clay sequences from northern Chinese Loess Plateau and its paleoclimatic significance. <i>Science in China Series D: Earth Sciences</i> , 2005 , 48, 1234		14
104	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
103	Episodic gullyng and paleomonsoon cycles on the Chinese Loess Plateau. <i>Quaternary Research</i> , 2005 , 64, 234-241	1.9	24
102	Pollen record from red clay sequence in the central Loess Plateau between 8.10 and 2.60 Ma. <i>Science Bulletin</i> , 2005 , 50, 2234-2243		45
101	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
100	A 1.5 Ma sporopollen record of paleoecologic environment evolution in the central Chinese Loess Plateau. <i>Science Bulletin</i> , 2004 , 49, 295-302		30
99	The forecast of seasonal precipitation trend at the north Helan Mountain and Baiyinaobao regions, Inner Mongolia for the next 20 years. <i>Science Bulletin</i> , 2004 , 49, 410-415		5

98	Timing, duration, and transitions of the last interglacial Asian monsoon. <i>Science</i> , 2004 , 304, 575-8	33.3	867
97	An improved comparison of Chinese loess with deep-sea $\delta^{18}O$ record over the interval 1.6–6 Ma. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	6
96	$\delta^{18}O$ values of tree rings as a proxy of monsoon precipitation in arid Northwest China. <i>Chemical Geology</i> , 2004 , 206, 73-80	4.2	33
95	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	4.2	153
94	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
93	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
92	A river erosion estimate on the Loess Plateau: a case study from Luohe River, a second-order tributary of the Yellow River. <i>Global and Planetary Change</i> , 2004 , 41, 215-220	4.2	11
91	Bimodal grain-size distribution of Chinese loess, and its palaeoclimatic implications. <i>Catena</i> , 2004 , 55, 325-340	5.8	197
90	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
89	Eolian sedimentary records for the evolution of monsoon and westerly circulations of northern China in the last 2.6 Ma. <i>Science in China Series D: Earth Sciences</i> , 2003 , 46, 1049-1059		22
88	Tree-ring precipitation records from Baiyinaobao, Inner Mongolia since A.D. 1838. <i>Science Bulletin</i> , 2003 , 48, 1140-1145		51
87	Magnetostratigraphic dating of early humans in China. <i>Earth-Science Reviews</i> , 2003 , 61, 341-359	10.2	117
86	The Tibetan Plateau as amplifier of orbital-scale variability of the East Asian monsoon. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	55
85	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
84	Pedogenic response to millennial summer monsoon enhancements on the Tibetan Plateau. <i>Quaternary International</i> , 2003 , 106-107, 79-88	2	45
83	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
82	Characterization of the Chinese loess–paleosol stratigraphy by whiteness measurement. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002 , 183, 287-297	2.9	55
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		107

80	History and variability of Asian interior aridity recorded by eolian flux in the Chinese Loess Plateau during the past 7 Ma. <i>Science in China Series D: Earth Sciences</i> , 2002 , 45, 420-429		43
79	Reconstruction of summer temperature (June-August) at Mt. Helan, China, from tree-ring stable carbon isotope values since AD 1890. <i>Science in China Series D: Earth Sciences</i> , 2002 , 45, 1127-1136		12
78	Distribution of ¹⁴ C and ¹³ C in Forest Soils of the Dinghushan Biosphere Reserve. <i>Radiocarbon</i> , 2001 , 43, 671-678	4.6	18
77	Magnetostratigraphy of Late Tertiary sediments from the Chinese Loess Plateau and its paleoclimatic significance. <i>Science Bulletin</i> , 2001 , 46, 16-21		17
76	Magnetic properties of the Tertiary red clay from Gansu. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 635-651		25
75	The $\delta^{18}O$ variation of a stalagmite from Qixing Cave, Guizhou Province and indicated climate change during the Holocene. <i>Science Bulletin</i> , 2001 , 46, 1904-1908		24
74	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
73	The Late Cenozoic uplift of the Liupan Shan, China. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 176-184		76
72	The evolution of coupling of Asian winter monsoon and high latitude climate of Northern Hemisphere. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 185-191		29
71	Transformation functions of soil color and climate. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 218-226		50
70	Pleistocene magnetic susceptibility and paleomagnetism of the Tibetan loess and its implications on large climatic change events. <i>Science in China Series D: Earth Sciences</i> , 2001 , 44, 227-232		18
69	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
68	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
67	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
66	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
65	A high-resolution absolute-dated late Pleistocene Monsoon record from Hulu Cave, China. <i>Science</i> , 2001 , 294, 2345-8	33.3	2145
64	Terrestrial evidence for a spatial structure of tropical-polar interconnections during the Younger Dryas episode. <i>Earth and Planetary Science Letters</i> , 2001 , 191, 231-239	5.3	57
63	Aeolian origin and palaeoclimatic implications of the Red clay (north China) as evidenced by grain-size distribution 2001 , 16, 89		1

62	Use of Rubidium to Date Loess and Paleosols of the Louchan Sequence, Central China. <i>Quaternary Research</i> , 2000 , 54, 198-205	1.9	8
61	Variability of East Asian Winter Monsoon in Quaternary Climatic Extremes in North China. <i>Quaternary Research</i> , 2000 , 54, 321-327	1.9	51
60	Grain size distribution of quartz isolated from Chinese loess1 paleosol. <i>Science Bulletin</i> , 2000 , 45, 2296-2298		42
59	Pliocene uplift of the northern Tibetan Plateau. <i>Geology</i> , 2000 , 28, 715	5	303
58	Asynchronous Holocene optimum of the East Asian monsoon. <i>Quaternary Science Reviews</i> , 2000 , 19, 743-762	3.9	720
57	The history and variability of the East Asian paleomonsoon climate. <i>Quaternary Science Reviews</i> , 2000 , 19, 171-187	3.9	800
56	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
55	Boron concentration and isotopic composition of halite from experiments and salt lakes in the Qaidam Basin. <i>Geochimica Et Cosmochimica Acta</i> , 2000 , 64, 2177-2183	5.5	33
54	Pliocene uplift of the northern Tibetan Plateau. <i>Geology</i> , 2000 , 28, 715-718	5	19
53	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
52	Distribution of Rb and Sr in the Luochuan loess- paleosol sequence of China during the last 800 ka. <i>Science in China Series D: Earth Sciences</i> , 1999 , 42, 225-232		44
51	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
50	High-precision U-series dating of Holocene corals from South China Sea by thermal ionization mass spectrometry (TIMS). <i>Science Bulletin</i> , 1999 , 44, 937-941		8
49	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	2.3	53
48	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
47	Glacial and interglacial patterns for Asian dust transport. <i>Quaternary Science Reviews</i> , 1999 , 18, 811-819	3.9	94
46	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
45	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

44	Astronomical calibration of loess-palaeosol deposits at Luochuan, central Chinese Loess Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999 , 154, 237-246	2.9	135
43	East Asia winter monsoon variations on a millennial time-scale before the last glacial-interglacial cycle 1999 , 14, 101		1
42	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
41	Pretreated methods on loess-palaeosol samples granulometry. <i>Science Bulletin</i> , 1998 , 43, 237-240		57
40	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
39	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
38	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
37	Millennial-scale climatic oscillations during the last interglaciation in central China. <i>Geology</i> , 1997 , 25, 603	5	161
36	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
35	Fluvial Quartz Flux to Lake Biwa of Central Japan over the Past 145,000 Years.. <i>The Quaternary Research</i> , 1997 , 36, 17-27	0.1	3
34	Reappraisal of Chinese Loess Plateau Stratigraphic Sequences Over the Last 30,000 Years: Precursors of an Important Holocene Monsoon Climatic Event. <i>Radiocarbon</i> , 1997 , 40, 905-913	4.6	24
33	Biogenic Silica Record in Lake Biwa of Central Japan over the Past 145,000 Years. <i>Quaternary Research</i> , 1997 , 47, 277-283	1.9	25
32	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
31	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
30	Correlation of climatic events between East Asia and Norwegian Sea during last deglaciation. <i>Science in China Series D: Earth Sciences</i> , 1997 , 40, 496-501		9
29	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
28	Correlation between climate events in the North Atlantic and China during the last glaciation. <i>Nature</i> , 1995 , 375, 305-308	50.4	1023
27	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

26	A Single-Year $\delta^{13}\text{C}$ Chronology from <i>Pinus Tabulaeformis</i> (Chinese Pine) Tree Rings at Huangling, China. <i>Radiocarbon</i> , 1995 , 37, 605-610	4.6	12
25	A detailed palaeomagnetic record for the last interglacial period. <i>Earth and Planetary Science Letters</i> , 1995 , 133, 339-351	5.3	46
24	Stratigraphic Division of Holocene Loess in China. <i>Radiocarbon</i> , 1994 , 36, 37-45	4.6	35
23	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
22	Determining Paleosol Topography Using Seismic Refraction. <i>Quaternary Research</i> , 1994 , 42, 350-353	1.9	1
21	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
20	Matuyama/Brunhes (M/B) Transition Recorded in Chinese Loess.. <i>Journal of Geomagnetism and Geoelectricity</i> , 1993 , 45, 319-330		27
19	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
18	Quartz from Selected Horizons of Loess-paleosol Sequence on the Chinese Loess Plateau and the Osaka Group of Central Japan.. <i>The Quaternary Research</i> , 1993 , 32, 209-217	0.1	3
17	Chronology of the Baxie Loess Profile and the History of Monsoon Climates in China Between 17,000 and 6000 Years BP. <i>Radiocarbon</i> , 1992 , 34, 818-825	4.6	28
16	Cyclic Quaternary alluviation and terracing in a nonglaciated drainage basin on the north flank of the Qinling Shan, central China. <i>Quaternary Research</i> , 1992 , 38, 157-169	1.9	84
15	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
14	Late quaternary dust flow on the chinese Loess Plateau. <i>Catena</i> , 1991 , 18, 125-132	5.8	279
13	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
12	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
11	??13?????????????????. <i>Chinese Science Bulletin</i> , 1990 , 35, 529-532	2.9	12
10	New Magnetostratigraphic Dates of Lantian Homo erectus. <i>Quaternary Research</i> , 1989 , 32, 213-221	1.9	100
9	Loess stratigraphy in Central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1989 , 72, 203-225		586

8	The paleosol complex S5 in the China Loess Plateau: A record of climatic optimum during the last 1.2 Ma. <i>Geo Journal</i> , 1987 , 15, 141	2.2	18
7	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
6	The Loess-Paleosol Sequence in China and Climatic History. <i>Episodes</i> , 1985 , 8, 21-28	1.6	108
5	Preliminary palaeomagnetic study of loess from the Wucheng section, North China. <i>Geochemistry</i> , 1982 , 1, 82-95		
4	?????????????????????. <i>Chinese Science Bulletin</i> , 1979 , 24, 221-224	2.9	6
3	Fifteen years of the Chinese Continental Scientific Drilling Program. <i>Scientific Drilling</i> , 22, 1-18		3
2	Persistent orbital influence on millennial climate variability through the Pleistocene. <i>Nature Geoscience</i> ,	18.3	5
1	Scientific drilling workshop on the Weihe Basin Drilling Project (WBDP): Cenozoic tectonic-monsoon interactions. <i>Scientific Drilling</i> , 28, 63-73		0