

Fahu Chen

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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.

351
papers

13,713
citations

60
h-index

102
g-index

382
ext. papers

16,851
ext. citations

5
avg, IF

6.52
L-index

#	Paper	IF	Citations
351	Holocene moisture evolution in arid central Asia and its out-of-phase relationship with Asian monsoon history. <i>Quaternary Science Reviews</i> , 2008 , 27, 351-364	3.9	757
350	A test of climate, sun, and culture relationships from an 1810-year Chinese cave record. <i>Science</i> , 2008 , 322, 940-2	33.3	728
349	East Asian summer monsoon precipitation variability since the last deglaciation. <i>Scientific Reports</i> , 2015 , 5, 11186	4.9	360
348	El Niño modulations over the past seven centuries. <i>Nature Climate Change</i> , 2013 , 3, 822-826	21.4	264
347	Recent Third Pole Rapid Warming Accompanies Cryospheric Melt and Water Cycle Intensification and Interactions between Monsoon and Environment: Multidisciplinary Approach with Observations, Modeling, and Analysis. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, 423-444	6.1	253
346	Holocene East Asian summer monsoon records in northern China and their inconsistency with Chinese stalagmite δ ¹⁸ O records. <i>Earth-Science Reviews</i> , 2015 , 148, 194-208	10.2	217
345	Desertification in China: An assessment. <i>Earth-Science Reviews</i> , 2008 , 88, 188-206	10.2	209
344	Holocene monsoon climate documented by oxygen and carbon isotopes from lake sediments and peat bogs in China: a review and synthesis. <i>Quaternary Science Reviews</i> , 2011 , 30, 1973-1987	3.9	196
343	Vegetation response to Holocene climate change in monsoon-influenced region of China. <i>Earth-Science Reviews</i> , 2009 , 97, 242-256	10.2	195
342	Hydroclimatic changes in China and surroundings during the Medieval Climate Anomaly and Little Ice Age: spatial patterns and possible mechanisms. <i>Quaternary Science Reviews</i> , 2015 , 107, 98-111	3.9	191
341	Holocene vegetation and climate history at Hurleg Lake in the Qaidam Basin, northwest China. <i>Review of Palaeobotany and Palynology</i> , 2007 , 145, 275-288	1.7	186
340	Westerlies Asia and monsoonal Asia: Spatiotemporal differences in climate change and possible mechanisms on decadal to sub-orbital timescales. <i>Earth-Science Reviews</i> , 2019 , 192, 337-354	10.2	166
339	A late Middle Pleistocene Denisovan mandible from the Tibetan Plateau. <i>Nature</i> , 2019 , 569, 409-412	50.4	165
338	A persistent Holocene wetting trend in arid central Asia, with wettest conditions in the late Holocene, revealed by multi-proxy analyses of loess-paleosol sequences in Xinjiang, China. <i>Quaternary Science Reviews</i> , 2016 , 146, 134-146	3.9	164
337	The relative role of climatic and human factors in desertification in semiarid China. <i>Global Environmental Change</i> , 2006 , 16, 48-57	10.1	161
336	Spatiotemporal precipitation variations in the arid Central Asia in the context of global warming. <i>Science China Earth Sciences</i> , 2011 , 54, 1812-1821	4.6	158
335	Drought reconstruction for North Central China from tree rings: the value of the Palmer drought severity index. <i>International Journal of Climatology</i> , 2007 , 27, 903-909	3.5	147

334	Tree-ring based drought reconstruction for the central Tien Shan area in northwest China. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	145
333	Holocene vegetation history, precipitation changes and Indian Summer Monsoon evolution documented from sediments of Xingyun Lake, south-west China. <i>Journal of Quaternary Science</i> , 2014 , 29, 661-674	2.3	125
332	A Holocene sedimentary record from Bosten Lake, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 234, 223-238	2.9	121
331	Humid Little Ice Age in arid central Asia documented by Bosten Lake, Xinjiang, China. <i>Science in China Series D: Earth Sciences</i> , 2006 , 49, 1280-1290		119
330	Palaeosol development in the Chinese Loess Plateau as an indicator of the strength of the East Asian summer monsoon: Evidence for a mid-Holocene maximum. <i>Quaternary International</i> , 2014 , 334-335, 155-164	2	116
329	Relations Between Soil Properties and Selected Heavy Metal Concentrations in Spring Wheat (<i>Triticum aestivum</i> L.) Grown in Contaminated Soils. <i>Water, Air, and Soil Pollution</i> , 2002 , 133, 205-213	2.6	115
328	Rapid tree growth with respect to the last 400 years in response to climate warming, northeastern Tibetan Plateau. <i>International Journal of Climatology</i> , 2007 , 27, 1497-1503	3.5	114
327	A mid-Holocene drought interval as evidenced by lake desiccation in the Alashan Plateau, Inner Mongolia, China. <i>Science Bulletin</i> , 2003 , 48, 1401		108
326	The Kobresia pygmaea ecosystem of the Tibetan highlands - Origin, functioning and degradation of the world's largest pastoral alpine ecosystem: Kobresia pastures of Tibet. <i>Science of the Total Environment</i> , 2019 , 648, 754-771	10.2	104
325	Causes of early Holocene desertification in arid central Asia. <i>Climate Dynamics</i> , 2012 , 38, 1577-1591	4.2	102
324	Spatial and temporal patterns of Holocene vegetation and climate changes in arid and semi-arid China. <i>Quaternary International</i> , 2009 , 194, 6-18	2	101
323	Holocene moisture and East Asian summer monsoon evolution in the northeastern Tibetan Plateau recorded by Lake Qinghai and its environs: A review of conflicting proxies. <i>Quaternary Science Reviews</i> , 2016 , 154, 111-129	3.9	98
322	Tree ring based streamflow reconstruction for the Upper Yellow River over the past 1234 years. <i>Science Bulletin</i> , 2010 , 55, 4179-4186		98
321	Reconstructed droughts for the southeastern Tibetan Plateau over the past 568 years and its linkages to the Pacific and Atlantic Ocean climate variability. <i>Climate Dynamics</i> , 2010 , 35, 577-585	4.2	96
320	Streamflow variations of the Yellow River over the past 593 years in western China reconstructed from tree rings. <i>Water Resources Research</i> , 2007 , 43,	5.4	95
319	Tree-ring based drought reconstruction for the Guiqing Mountain (China): linkages to the Indian and Pacific Oceans. <i>International Journal of Climatology</i> , 2010 , 30, 1137-1145	3.5	90
318	Physical Mechanisms of Summer Precipitation Variations in the Tarim Basin in Northwestern China. <i>Journal of Climate</i> , 2015 , 28, 3579-3591	4.4	89
317	Definition of the core zone of the Westerlies-dominated climatic regime and its controlling factors during the instrumental period. <i>Science China Earth Sciences</i> , 2015 , 58, 676-684	4.6	86

316	Tree-ring based reconstruction of drought variability (1615–2009) in the Kongtong Mountain area, northern China. <i>Global and Planetary Change</i> , 2012 , 80-81, 190-197	4.2	82
315	Formation and evolution of the Badain Jaran Desert, North China, as revealed by a drill core from the desert centre and by geological survey. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 426, 139-158	2.9	80
314	The development of agriculture and its impact on cultural expansion during the late Neolithic in the Western Loess Plateau, China. <i>Holocene</i> , 2013 , 23, 85-92	2.6	80
313	Aerosol-weakened summer monsoons decrease lake fertilization on the Chinese Loess Plateau. <i>Nature Climate Change</i> , 2017 , 7, 190-194	21.4	77
312	Late Quaternary aeolian activity in Gonghe Basin, northeastern Qinghai-Tibetan Plateau, China. <i>Quaternary Research</i> , 2013 , 79, 403-412	1.9	77
311	Spatial and temporal variety of prehistoric human settlement and its influencing factors in the upper Yellow River valley, Qinghai Province, China. <i>Journal of Archaeological Science</i> , 2013 , 40, 2538-2546	2.9	76
310	Rapid warming in mid-latitude central Asia for the past 100 years. <i>Frontiers of Earth Science</i> , 2009 , 3, 42-50		75
309	Sensitive response of desert vegetation to moisture change based on a near-annual resolution pollen record from Gahai Lake in the Qaidam Basin, northwest China. <i>Global and Planetary Change</i> , 2008 , 62, 107-114	4.2	74
308	Mid-Holocene climate change and its effect on prehistoric cultural evolution in eastern Qinghai Province, China. <i>Quaternary Research</i> , 2012 , 77, 23-30	1.9	73
307	Interannual precipitation variations in the mid-latitude Asia and their association with large-scale atmospheric circulation. <i>Science Bulletin</i> , 2013 , 58, 3962-3968		73
306	Abrupt Holocene changes of the Asian monsoon at millennial- and centennial-scales: Evidence from lake sediment document in Minqin Basin, NW China. <i>Science Bulletin</i> , 2001 , 46, 1942-1947		72
305	Millennium tree-ring reconstruction of drought variability in the eastern Qilian Mountains, northwest China. <i>Climate Dynamics</i> , 2015 , 45, 1761-1770	4.2	71
304	An integrated study of the grain-size-dependent magnetic mineralogy of the Chinese loess/paleosol and its environmental significance. <i>Journal of Geophysical Research</i> , 2003 , 108,		71
303	Asymmetric variability between maximum and minimum temperatures in Northeastern Tibetan Plateau: Evidence from tree rings. <i>Science in China Series D: Earth Sciences</i> , 2008 , 51, 41-55		70
302	Holocene record of eolian activity from Genggahai Lake, northeastern Qinghai-Tibetan Plateau, China. <i>Geophysical Research Letters</i> , 2014 , 41, 589-595	4.9	69
301	Dietary shift after 3600 cal yr BP and its influencing factors in northwestern China: Evidence from stable isotopes. <i>Quaternary Science Reviews</i> , 2016 , 145, 57-70	3.9	68
300	Investigating the long-term palaeoclimatic controls on the δ D and $\delta^{18}O$ of precipitation during the Holocene in the Indian and East Asian monsoonal regions. <i>Earth-Science Reviews</i> , 2016 , 159, 292-305	10.2	67
299	Moisture variability across China and Mongolia: 1951–2005. <i>Climate Dynamics</i> , 2009 , 32, 1173-1186	4.2	67

298	Tectono-climatic implications of Eocene Paratethys regression in the Tajik basin of central Asia. <i>Earth and Planetary Science Letters</i> , 2015 , 424, 168-178	5.3	64
297	Climate change, vegetation history, and landscape responses on the Tibetan Plateau during the Holocene: A comprehensive review. <i>Quaternary Science Reviews</i> , 2020 , 243, 106444	3.9	64
296	Late Pleistocene and Holocene aeolian sedimentation in Gonghe Basin, northeastern Qinghai-Tibetan Plateau: Variability, processes, and climatic implications. <i>Quaternary Science Reviews</i> , 2016 , 132, 57-73	3.9	63
295	Chronology and paleoenvironmental records of a drill core in the central Tengger Desert of China. <i>Quaternary Science Reviews</i> , 2014 , 85, 85-98	3.9	61
294	Grain size distribution of pedogenic magnetic particles in Chinese loess/paleosols. <i>Geophysical Research Letters</i> , 2004 , 31,	4.9	61
293	A 16-ka lake-level record inferred from macrofossils in a sediment core from Genggahai Lake, northeastern Qinghai-Tibetan Plateau (China). <i>Journal of Paleolimnology</i> , 2013 , 49, 575-590	2.1	60
292	Exploring the history of cultural exchange in prehistoric Eurasia from the perspectives of crop diffusion and consumption. <i>Science China Earth Sciences</i> , 2017 , 60, 1110-1123	4.6	60
291	Holocene temperature fluctuations in the northern Tibetan Plateau. <i>Quaternary Research</i> , 2013 , 80, 55-65	9	60
290	Spatial drought reconstructions for central High Asia based on tree rings. <i>Climate Dynamics</i> , 2010 , 35, 941-951	4.2	60
289	Pollen-inferred vegetation and environmental changes since 16.7 ka BP at Balikun Lake, Xinjiang. <i>Science Bulletin</i> , 2010 , 55, 2449-2457		60
288	Lipid distributions in loess-paleosol sequences from northwest China. <i>Organic Geochemistry</i> , 2003 , 34, 1071-1079	3.1	60
287	Humid medieval warm period recorded by magnetic characteristics of sediments from Gonghai Lake, Shanxi, North China. <i>Science Bulletin</i> , 2011 , 56, 2464-2474		59
286	Annual precipitation reconstruction since AD 775 based on tree rings from the Qilian Mountains, northwestern China. <i>International Journal of Climatology</i> , 2011 , 31, 371-381	3.5	59
285	On the timing of the East Asian summer monsoon maximum during the Holocene Does the speleothem oxygen isotope record reflect monsoon rainfall variability?. <i>Science China Earth Sciences</i> , 2016 , 59, 2328-2338	4.6	57
284	Vegetation history, climate change and human activities over the last 6200 years on the Liupan Mountains in the southwestern Loess Plateau in central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010 , 293, 197-205	2.9	57
283	High-resolution summer precipitation variations in the western Chinese Loess Plateau during the last glacial. <i>Scientific Reports</i> , 2013 , 3, 2785	4.9	56
282	An 850-year tree-ring-based reconstruction of drought history in the western Qilian Mountains of northwestern China. <i>International Journal of Climatology</i> , 2015 , 35, 3308-3319	3.5	55
281	Common tree growth anomalies over the northeastern Tibetan Plateau during the last six centuries: implications for regional moisture change. <i>Global Change Biology</i> , 2008 , 14, 2096-2107	11.4	55

280	A 1000-year chironomid-based salinity reconstruction from varved sediments of Sugan Lake, Qaidam Basin, arid Northwest China, and its palaeoclimatic significance. <i>Science Bulletin</i> , 2009 , 54, 3749-3759		54
279	Late Holocene Vegetation and Climate Oscillations in the Qaidam Basin of the Northeastern Tibetan Plateau. <i>Quaternary Research</i> , 2010 , 73, 59-69	1.9	53
278	Decoupled early Holocene summer temperature and monsoon precipitation in southwest China. <i>Quaternary Science Reviews</i> , 2018 , 193, 54-67	3.9	52
277	Holocene millennial-scale climate variations documented by multiple lake-level proxies in sediment cores from Hurlig Lake, Northwest China. <i>Journal of Paleolimnology</i> , 2010 , 44, 995-1008	2.1	52
276	Seasonal variability of modern dust over the Loess Plateau of China. <i>Journal of Geophysical Research</i> , 2003 , 108,		52
275	Vegetation succession and East Asian Summer Monsoon Changes since the last deglaciation inferred from high-resolution pollen record in Gonghai Lake, Shanxi Province, China. <i>Holocene</i> , 2017 , 27, 835-846	2.6	51
274	Preliminary research on Megalake Jilantai-Hetao in the arid areas of China during the Late Quaternary. <i>Science Bulletin</i> , 2008 , 53, 1725-1739	10.6	50
273	A 2000-year dust storm record from Lake Sugan in the dust source area of arid China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 2149-2160	4.4	49
272	Grain size in sediments from Lake Sugan: a possible linkage to dust storm events at the northern margin of the Qinghai-Tibetan Plateau. <i>Environmental Geology</i> , 2007 , 51, 1229-1238		49
271	Position and orientation of the westerly jet determined Holocene rainfall patterns in China. <i>Nature Communications</i> , 2019 , 10, 2376	17.4	48
270	Paleoclimatic implications of an 850-year oxygen-isotope record from the northern Tibetan Plateau. <i>Geophysical Research Letters</i> , 2007 , 34, n/a-n/a	4.9	48
269	Holocene Vegetation and Climate Dynamics in the Altai Mountains and Surrounding Areas. <i>Geophysical Research Letters</i> , 2018 , 45, 6628-6636	4.9	47
268	Holocene stalagmite $\delta^{18}O$ records in the East Asian monsoon region and their correlation with those in the Indian monsoon region. <i>Holocene</i> , 2014 , 24, 1657-1664	2.6	47
267	The Transition to Agriculture at Dadiwan, People's Republic of China. <i>Current Anthropology</i> , 2010 , 51, 703-714	2.1	47
266	Asynchronous evolution of the isotopic composition and amount of precipitation in north China during the Holocene revealed by a record of compound-specific carbon and hydrogen isotopes of long-chain n-alkanes from an alpine lake. <i>Earth and Planetary Science Letters</i> , 2016 , 446, 68-76	5.3	47
265	The spatiotemporal pattern of the Majiayao cultural evolution and its relation to climate change and variety of subsistence strategy during late Neolithic period in Gansu and Qinghai Provinces, northwest China. <i>Quaternary International</i> , 2013 , 316, 155-161	2	46
264	Palaeovegetational and palaeoenvironmental changes since the last deglacial in Gonghe Basin, northeast Tibetan Plateau. <i>Journal of Chinese Geography</i> , 2013 , 23, 136-146	3.7	46
263	Tetraether biomarker records from a loess-paleosol sequence in the western Chinese Loess Plateau. <i>Frontiers in Microbiology</i> , 2013 , 4, 199	5.7	46

262	Determining the climatic boundary between the Chinese loess and palaeosol: evidence from aeolian coarse-grained magnetite. <i>Geophysical Journal International</i> , 2004 , 156, 267-274	2.6	46
261	Chinese cave δ records do not represent northern East Asian summer monsoon rainfall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E2987-E2988	11.5	45
260	Vegetation history, climatic changes and Indian summer monsoon evolution during the Last Glaciation (36,400-13,400calyr BP) documented by sediments from Xingyun Lake, Yunnan, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014 , 410, 179-189	2.9	44
259	Chronology and subsistence strategy of Nuomuhong Culture in the Tibetan Plateau. <i>Quaternary International</i> , 2016 , 426, 42-49	2	43
258	Environmental magnetic studies of sediment cores from Gonghai Lake: implications for monsoon evolution in North China during the late glacial and Holocene. <i>Journal of Paleolimnology</i> , 2013 , 49, 447-464	2.4	43
257	Paleoenvironmental changes recorded in a luminescence dated loess/paleosol sequence from the Tianshan Mountains, arid central Asia, since the Penultimate Glaciation. <i>Earth and Planetary Science Letters</i> , 2016 , 448, 1-12	5.3	43
256	Asian dust-storm activity dominated by Chinese dynasty changes since 2000 BP. <i>Nature Communications</i> , 2020 , 11, 992	17.4	42
255	Variations in the oxygen isotopic composition of precipitation in the Tianshan Mountains region and their significance for the Westerly circulation. <i>Journal of Chinese Geography</i> , 2015 , 25, 801-816	3.7	41
254	Precipitation variability during the past 400 years in the Xiaolong Mountain (central China) inferred from tree rings. <i>Climate Dynamics</i> , 2012 , 39, 1697-1707	4.2	41
253	Evolution of prehistoric agriculture in central Gansu Province, China: A case study in Qin'an and Li County. <i>Science Bulletin</i> , 2010 , 55, 1925-1930		41
252	Prehistoric trans-continental cultural exchange in the Hexi Corridor, northwest China. <i>Holocene</i> , 2018 , 28, 621-628	2.6	40
251	Early-Middle Holocene lake-desert evolution in northern Ulan Buh Desert, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012 , 331-332, 31-38	2.9	40
250	Impacts of wind velocity on sand and dust deposition during dust storm as inferred from a series of observations in the northeastern Qinghai-Tibetan Plateau, China. <i>Powder Technology</i> , 2007 , 175, 82-89	5.2	40
249	Grain sizes of susceptibility and anhysteretic remanent magnetization carriers in Chinese loess/paleosol sequences. <i>Journal of Geophysical Research</i> , 2004 , 109,		40
248	The occurrence of a grassy vegetation over the Chinese Loess Plateau since the last interglacier: the molecular fossil record. <i>Science in China Series D: Earth Sciences</i> , 2002 , 45, 53-62		40
247	Denisovan DNA in Late Pleistocene sediments from Baishiya Karst Cave on the Tibetan Plateau. <i>Science</i> , 2020 , 370, 584-587	33.3	40
246	A climatological northern boundary index for the East Asian summer monsoon and its interannual variability. <i>Science China Earth Sciences</i> , 2018 , 61, 13-22	4.6	40
245	Vegetation and climate history in arid western China during MIS2: New insights from pollen and grain-size data of the Balikun Lake, eastern Tien Shan. <i>Quaternary Science Reviews</i> , 2015 , 126, 112-125	3.9	39

244	Environmental and technological effects on ancient social evolution at different spatial scales. <i>Science China Earth Sciences</i> , 2017 , 60, 2067-2077	4.6	39
243	Cenozoic paleo-environmental evolution of the Pamir-Tien Shan convergence zone. <i>Journal of Asian Earth Sciences</i> , 2014 , 80, 84-100	2.8	39
242	Quartz OSL and K-feldspar pIRIR dating of a loess/paleosol sequence from arid central Asia, Tianshan Mountains, NW China. <i>Quaternary Geochronology</i> , 2015 , 28, 40-53	2.7	38
241	Landscape evolution of the Ulan Buh Desert in northern China during the late Quaternary. <i>Quaternary Research</i> , 2014 , 81, 476-487	1.9	38
240	Aeolian deposits at the southeastern margin of the Tengger Desert (China): Implications for surface wind strength in the Asian dust source area over the past 20,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010 , 286, 66-80	2.9	38
239	History and possible mechanisms of prehistoric human migration to the Tibetan Plateau. <i>Science China Earth Sciences</i> , 2016 , 59, 1765-1778	4.6	38
238	Summer monsoon moisture variability over China and Mongolia during the past four centuries. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	37
237	High-resolution climate change in mid-late Holocene on Tianchi Lake, Liupan Mountain in the Loess Plateau in central China and its significance. <i>Science Bulletin</i> , 2010 , 55, 2118-2121		37
236	Climate, Desertification, and the Rise and Collapse of China's Historical Dynasties. <i>Human Ecology</i> , 2010 , 38, 157-172	2	37
235	Response of regional tree-line forests to climate change: evidence from the northeastern Tibetan Plateau. <i>Trees - Structure and Function</i> , 2009 , 23, 1321-1329	2.6	36
234	Altitudinal variability of climate-free growth relationships along a consistent slope of Anyemaqen Mountains, northeastern Tibetan Plateau. <i>Dendrochronologia</i> , 2008 , 26, 87-96	2.8	36
233	Spatial and temporal variations of C3/C4 relative abundance in global terrestrial ecosystem since the Last Glacial and its possible driving mechanisms. <i>Science Bulletin</i> , 2012 , 57, 4024-4035		35
232	Reconciling the Westerlies and monsoon models: A new hypothesis for the Holocene moisture evolution of the Xinjiang region, NW China. <i>Earth-Science Reviews</i> , 2019 , 191, 263-272	10.2	34
231	Restricted utility of $\delta^{13}C$ of bulk organic matter as a record of paleovegetation in some loess-paleosol sequences in the Chinese Loess Plateau. <i>Quaternary Research</i> , 2004 , 62, 86-93	1.9	34
230	Loess particle size data indicative of stable winter monsoons during the last interglacial in the western part of the Chinese Loess Plateau. <i>Catena</i> , 2000 , 39, 233-244	5.8	34
229	Early Pleistocene climate in western arid central Asia inferred from loess-paleosol sequences. <i>Scientific Reports</i> , 2016 , 6, 20560	4.9	34
228	A 16-ka oxygen-isotope record from Genggahai Lake on the northeastern Qinghai-Tibetan Plateau: Hydroclimatic evolution and changes in atmospheric circulation. <i>Quaternary Science Reviews</i> , 2017 , 162, 72-87	3.9	33
227	Major advances in studies of the physical geography and living environment of China during the past 70 years and future prospects. <i>Science China Earth Sciences</i> , 2019 , 62, 1665-1701	4.6	33

226	A Comparative Study of ¹⁴ C Dating on Charcoal and Charred Seeds from Late Neolithic and Bronze Age Sites in Gansu and Qinghai Provinces, NW China. <i>Radiocarbon</i> , 2014 , 56, 157-163	4.6	33
225	Does $\delta^{13}\text{C}_{\text{carb}}$ of the Chinese loess indicate past C ₃ /C ₄ abundance? A review of research on stable carbon isotopes of the Chinese loess. <i>Quaternary Science Reviews</i> , 2006 , 25, 2251-2257	3.9	33
224	Changing intensity of human activity over the last 2,000 years recorded by the magnetic characteristics of sediments from Xingyun Lake, Yunnan, China. <i>Journal of Paleolimnology</i> , 2015 , 53, 47-60 ¹		32
223	Relationship between climatic conditions and the relative abundance of modern C ₃ and C ₄ plants in three regions around the North Pacific. <i>Science Bulletin</i> , 2010 , 55, 1931-1936		32
222	Paleomagnetic chronology and paleoenvironmental records from drill cores from the Hetao Basin and their implications for the formation of the Hobq Desert and the Yellow River. <i>Quaternary Science Reviews</i> , 2017 , 156, 69-89	3.9	31
221	Large-Scale Precipitation Variability over Northwest China Inferred from Tree Rings. <i>Journal of Climate</i> , 2011 , 24, 3457-3468	4.4	31
220	Long-term summer warming trend during the Holocene in central Asia indicated by alpine peat β -cellulose $\delta^{13}\text{C}$ record. <i>Quaternary Science Reviews</i> , 2019 , 203, 56-67	3.9	31
219	Developing inorganic carbon-based radiocarbon chronologies for Holocene lake sediments in arid NW China. <i>Quaternary Science Reviews</i> , 2016 , 144, 66-82	3.9	30
218	Response of East Asian climate to Dansgaard/Oeschger and Heinrich events in a coupled model of intermediate complexity. <i>Journal of Geophysical Research</i> , 2007 , 112,		30
217	Variations of organic carbon isotopic composition and its environmental significance during the last glacial on western Chinese Loess Plateau. <i>Science Bulletin</i> , 2006 , 51, 1593-1602		30
216	Agricultural intensification and its impact on environment during Neolithic Age in northern China. <i>Chinese Science Bulletin</i> , 2016 , 61, 2913-2925	2.9	30
215	Detecting the relationship between moisture changes in arid central Asia and East Asia during the Holocene by model-proxy comparison. <i>Quaternary Science Reviews</i> , 2017 , 176, 36-50	3.9	29
214	A comparison of tree-ring records and glacier variations over the past 700 years, northeastern Tibetan Plateau. <i>Annals of Glaciology</i> , 2006 , 43, 86-90	2.5	29
213	A Tianshan Mountains loess-paleosol sequence indicates anti-phase climatic variations in arid central Asia and in East Asia. <i>Earth and Planetary Science Letters</i> , 2018 , 494, 153-163	5.3	29
212	Grain-size distribution of Pleistocene loess deposits in northern Iran and its palaeoclimatic implications. <i>Quaternary International</i> , 2017 , 429, 41-51	2	28
211	New insights on Chinese cave $\delta^{18}\text{O}$ records and their paleoclimatic significance. <i>Earth-Science Reviews</i> , 2020 , 207, 103216	10.2	28
210	Towards quantification of Holocene anthropogenic land-cover change in temperate China: A review in the light of pollen-based REVEALS reconstructions of regional plant cover. <i>Earth-Science Reviews</i> , 2020 , 203, 103119	10.2	28
209	A 457-year reconstruction of precipitation in the southeastern Qinghai-Tibet Plateau, China using tree-ring records. <i>Science Bulletin</i> , 2013 , 58, 1107-1114		28

208	Onset of frequent dust storms in northern China at ~AD 1100. <i>Scientific Reports</i> , 2015 , 5, 17111	4.9	28
207	Forcing mechanisms of orbital-scale changes in winter rainfall over northwestern China during the Holocene. <i>Holocene</i> , 2016 , 26, 549-555	2.6	27
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