

Fahu Chen

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.

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	Seasonal imprint of Holocene temperature reconstruction on the Tibetan Plateau. <i>Earth-Science Reviews</i> , 2022 , 226, 103927	10.2	0
350	Dating of the late Quaternary high lake levels in the Jilantai area, northwestern China, using optical luminescence of quartz and K-feldspar. <i>Journal of Asian Earth Sciences</i> , 2022 , 224, 105024	2.8	2
349	Vegetation change and human-environment interactions in the Qinghai Lake Basin, northeastern Tibetan Plateau, since the last deglaciation. <i>Catena</i> , 2022 , 210, 105892	5.8	1
348	Information geography: The information revolution reshapes geography. <i>Science China Earth Sciences</i> , 2022 , 65, 379	4.6	2
347	Late Holocene land use evolution and vegetation response to climate change in the watershed of Xingyun Lake, SW China. <i>Catena</i> , 2022 , 211, 105973	5.8	0
346	Anthropogenic warming reduces the carbon accumulation of Tibetan Plateau peatlands. <i>Quaternary Science Reviews</i> , 2022 , 281, 107449	3.9	1
345	The impact of precipitation on the distributions of branched tetraethers in alkaline soils. <i>Organic Geochemistry</i> , 2022 , 104410	3.1	0
344	Mega-lakes in the northwestern Tibetan Plateau formed by melting glaciers during the last deglacial. <i>Quaternary Science Reviews</i> , 2022 , 285, 107528	3.9	0
343	Anthropogenic origin of a change in the fire-climate relationship in northern China after ~2000 yr BP: Evidence from a 15,500-year black carbon record from Dali Lake. <i>Journal of Chinese Geography</i> , 2022 , 32, 1136-1156	3.7	0
342	Late Holocene transition from natural to anthropogenic forcing of vegetation change in the semi-arid region of northern China. <i>Quaternary Science Reviews</i> , 2022 , 287, 107561	3.9	3
341	Exceptional terrestrial warmth around 4200-2800 years ago in northwest china. <i>Science Bulletin</i> , 2021 , 67, 427-427	10.6	2
340	Non-trivial role of internal climate feedback on interglacial temperature evolution. <i>Nature</i> , 2021 , 600, E1-E3	50.4	1
339	Aquatic ecosystem responses to environmental and climatic changes in NE China since the last deglaciation (~17, 500 cal yr BP) tracked by diatom assemblages from Lake Moon. <i>Quaternary Science Reviews</i> , 2021 , 272, 107218	3.9	0
338	Weakened East Asian summer monsoon triggers increased precipitation in Northwest China. <i>Science China Earth Sciences</i> , 2021 , 64, 835-837	4.6	7
337	Intensification and Driving Forces of Pastoralism in Northern China 5.7 ka Ago. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL092288	4.9	9
336	Quantification of temperature and precipitation changes in northern China during the 5000-year Chinese History. <i>Quaternary Science Reviews</i> , 2021 , 255, 106819	3.9	6
335	A 1200ka Stable Isotope Record From the Center of the Badain Jaran Desert, Northwestern China: Implications for the Variation and Interplay of the Westerlies and the Asian Summer Monsoon. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22, e2020GC009575	3.6	0

334	Vegetation History and Precipitation Changes in the NE Qinghai-Tibet Plateau: A 7,900-years Pollen Record From Caodalian Lake. <i>Paleoceanography and Paleoclimatology</i> , 2021 , 36, e2020PA004126	3.3	2
333	Quantitative estimates of Holocene glacier meltwater variations on the Western Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2021 , 559, 116766	5.3	3
332	The Tibetan Plateau as the engine for Asian environmental change: the Tibetan Plateau Earth system research into a new era. <i>Science Bulletin</i> , 2021 , 66, 1263-1263	10.6	7
331	No evidence for an anti-phased Holocene moisture regime in mountains and basins in Central Asian: Records from Ili loess, Xinjiang. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 572, 110407	2.9	1
330	Warm season temperature in the Qinling Mountains (north-central China) since 1740 CE recorded by tree-ring maximum latewood density of Shensi fir. <i>Climate Dynamics</i> , 2021 , 57, 2653	4.2	3
329	Climate-driven desertification and its implications for the ancient Silk Road trade. <i>Climate of the Past</i> , 2021 , 17, 1395-1407	3.9	2
328	High agricultural water consumption led to the continued shrinkage of the Aral Sea during 1992-2015. <i>Science of the Total Environment</i> , 2021 , 777, 145993	10.2	9
327	Decoupling of the detrital linkage between proximal dunefields and early and middle Pleistocene accumulation in the Chinese Loess Plateau: evidence from the Badain Jaran and Tengger sandy deserts. <i>Quaternary Science Reviews</i> , 2021 , 264, 107026	3.9	2
326	Quartz OSL dating of loess deposits since the late glacial in the Southeast of Caspian Sea. <i>Quaternary International</i> , 2021 , 583, 39-47	2	3
325	Moisture sources of extreme precipitation events in arid Central Asia and their relationship with atmospheric circulation. <i>International Journal of Climatology</i> , 2021 , 41, E271	3.5	2
324	Increasing summer precipitation in arid Central Asia linked to the weakening of the East Asian summer monsoon in the recent decades. <i>International Journal of Climatology</i> , 2021 , 41, 1024-1038	3.5	9
323	Holocene climatic optimum in the East Asian monsoon region of China defined by climatic stability. <i>Earth-Science Reviews</i> , 2021 , 212, 103450	10.2	10
322	The modulation of westerlies-monsoon interaction on climate over the monsoon boundary zone in East Asia. <i>International Journal of Climatology</i> , 2021 , 41, E3049	3.5	7
321	Dipolar mode of precipitation changes between north China and the Yangtze River Valley existed over the entire Holocene: Evidence from the sediment record of Nanyi Lake. <i>International Journal of Climatology</i> , 2021 , 41, 1667-1681	3.5	6
320	Megadrought and cultural exchange along the proto-silk road. <i>Science Bulletin</i> , 2021 , 66, 603-611	10.6	20
319	Progress and prospects of applied research on physical geography and the living environment in China over the past 70 years (1949-2019). <i>Journal of Chinese Geography</i> , 2021 , 31, 3-45	3.7	1
318	Changes in the hydrodynamic intensity of Bosten Lake and its impact on early human settlement in the northeastern Tarim Basin, Arid Central Asia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 576, 110499	2.9	2
317	Precipitation in surrounding mountains instead of lowlands facilitated the prosperity of ancient civilizations in the eastern Qaidam Basin of the Tibetan Plateau. <i>Catena</i> , 2021 , 203, 105318	5.8	7

316	Holocene dust storm variations over northern China: transition from a natural forcing to an anthropogenic forcing. <i>Science Bulletin</i> , 2021 ,	10.6	17
315	Sedimentary Pediastrum record of middle-late Holocene temperature change and its impacts on early human culture in the desert-oasis area of northwestern China. <i>Quaternary Science Reviews</i> , 2021 , 265, 107054	3.9	8
314	Hominin occupation of the Tibetan Plateau during the Last Interglacial Complex. <i>Quaternary Science Reviews</i> , 2021 , 265, 107047	3.9	2
313	Biofuels Reserve Controlled Wildfire Regimes Since the Last Deglaciation: A Record From Gonghai Lake, North China. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094042	4.9	2
312	Northwestward shift of the northern boundary of the East Asian summer monsoon during the mid-Holocene caused by orbital forcing and vegetation feedbacks. <i>Quaternary Science Reviews</i> , 2021 , 268, 107136	3.9	2
311	Late twentieth century rapid increase in high Asian seasonal snow and glacier-derived streamflow tracked by tree rings of the upper Indus River basin. <i>Environmental Research Letters</i> , 2021 , 16, 094055	6.2	2
310	East-west asymmetry in the distribution of rainfall in the Chinese Loess Plateau during the Holocene. <i>Catena</i> , 2021 , 207, 105626	5.8	0
309	Anthropogenic mountain forest degradation and soil erosion recorded in the sediments of Mayinghai Lake in northern China. <i>Catena</i> , 2021 , 207, 105597	5.8	5
308	The role of the westerlies and orography in Asian hydroclimate since the late Oligocene. <i>Geology</i> , 2020 , 48, 728-732	5	21
307	New insights on Chinese cave $\delta^{18}O$ records and their paleoclimatic significance. <i>Earth-Science Reviews</i> , 2020 , 207, 103216	10.2	28
306	Holocene Moisture Variation Recorded by Aeolian Sand-Palaeosol Sequences of the Gonghe Basin, Northeastern Qinghai-Tibetan Plateau, China. <i>Acta Geologica Sinica</i> , 2020 , 94, 668-681	0.7	10
305	Spatiotemporal complexity of the "Greatest Lake Period" in the Tibetan Plateau. <i>Science Bulletin</i> , 2020 , 65, 1317-1319	10.6	6
304	Holocene Moisture Variations in Western Arid Central Asia Inferred From Loess Records From NE Iran. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2019GC008616	3.6	5
303	OSL chronology of the Liena archeological site in the Yarlung Tsangpo valley throws new light on human occupation of the Tibetan Plateau. <i>Holocene</i> , 2020 , 30, 1043-1052	2.6	6
302	Central Asian river streamflows have not continued to increase during the recent warming hiatus. <i>Atmospheric Research</i> , 2020 , 246, 105124	5.4	2
301	Inter-relationship and environmental significance of stalagmite $\delta^{13}C$ and $\delta^{18}O$ records from Zhenzhu Cave, north China, over the last 130 ka. <i>Earth and Planetary Science Letters</i> , 2020 , 536, 116149	5.3	12
300	Asian dust-storm activity dominated by Chinese dynasty changes since 2000 BP. <i>Nature Communications</i> , 2020 , 11, 992	17.4	42
299	Spatial-temporal differentiation of eolian sediments in the Yarlung Tsangpo catchment, Tibetan Plateau, and response to global climate change since the Last Glaciation. <i>Geomorphology</i> , 2020 , 357, 107104	4.3	9

298	A review on the spread of prehistoric agriculture from southern China to mainland Southeast Asia. <i>Science China Earth Sciences</i> , 2020 , 63, 615-625	4.6	10
297	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
296	Long-term herbivore population dynamics in the northeastern Qinghai-Tibetan Plateau and its implications for early human impacts. <i>Review of Palaeobotany and Palynology</i> , 2020 , 275, 104171	1.7	16
295	Temperature-induced dry climate in basins in the northeastern Tibetan Plateau during the early to middle Holocene. <i>Quaternary Science Reviews</i> , 2020 , 237, 106311	3.9	15
294	Mountain loess or desert loess? New insight of the sources of Asian atmospheric dust based on mineral magnetic characterization of surface sediments in NW China. <i>Atmospheric Environment</i> , 2020 , 232, 117564	5.3	3
293	Foraging and farming: archaeobotanical and zooarchaeological evidence for Neolithic exchange on the Tibetan Plateau. <i>Antiquity</i> , 2020 , 94, 637-652	1	24
292	New advances in the study of prehistoric human activity on the Tibetan Plateau. <i>Chinese Science Bulletin</i> , 2020 , 65, 475-482	2.9	2
291	Differential ice volume and orbital modulation of Quaternary moisture patterns between Central and East Asia. <i>Earth and Planetary Science Letters</i> , 2020 , 530, 115901	5.3	19
290	New portraits of the Denisovans. <i>Science Bulletin</i> , 2020 , 65, 1-3	10.6	2
289	Seasonal variations in the lake-water oxygen isotope composition of four lakes in the East Asian summer monsoon region: Implications for the interpretation of paleo-isotope records. <i>Progress in Physical Geography</i> , 2020 , 44, 572-588	3.5	3
288	Inconsistency between records of $\delta^{18}O$ and trace element ratios from stalagmites: Evidence for increasing mid-late Holocene moisture in arid central Asia. <i>Holocene</i> , 2020 , 30, 369-379	2.6	9
287	Vegetation response in subtropical southwest China to rapid climate change during the Younger Dryas. <i>Earth-Science Reviews</i> , 2020 , 201, 103080	10.2	10
286	Seasonal wet-dry variability of the Asian monsoon since the middle Pleistocene. <i>Quaternary Science Reviews</i> , 2020 , 247, 106568	3.9	4
285	Consistent long-term Holocene warming trend at different elevations in the Altai Mountains in arid central Asia. <i>Journal of Quaternary Science</i> , 2020 , 35, 1036-1045	2.3	6
284	Ancient genomes reveal tropical bovid species in the Tibetan Plateau contributed to the prevalence of hunting game until the late Neolithic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28150-28159	11.5	7
283	Soil pH Dominates the Distributions of Both 5- and 6-Methyl Branched Tetraethers in Arid Regions. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020 , 125, e2019JG005356	3.7	2
282	Combating climate change in a post-COVID-19 era. <i>Science Bulletin</i> , 2020 , 65, 1958-1960	10.6	2
281	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

280	Denisovan DNA in Late Pleistocene sediments from Baishiya Karst Cave on the Tibetan Plateau. <i>Science</i> , 2020 , 370, 584-587	33.3	40
279	A study of the construction times of the ancient cities in Ganjia Basin, Gansu Province, China. <i>Journal of Chinese Geography</i> , 2020 , 30, 1467-1480	3.7	0
278	Clay mineralogy and geochemistry of the Lower Pleistocene Loess in the Iranian Loess Plateau (Agh Band section) and implications for its provenance and paleoclimate change. <i>Quaternary International</i> , 2020 , 552, 91-99	2	3
277	A 391-Year Summer Temperature Reconstruction of the Tien Shan, Reveals Far-Reaching Summer Temperature Signals Over the Midlatitude Eurasian Continent. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 11850-11862	4.4	7
276	500-year tree-ring reconstruction of Salween River streamflow related to the history of water supply in Southeast Asia. <i>Climate Dynamics</i> , 2019 , 53, 6595-6607	4.2	14
275	Provenance variations of the Tengger Desert since 2.35 Ma and its linkage with the Northern Tibetan Plateau: Evidence from U-Pb age spectra of detrital zircons. <i>Quaternary Science Reviews</i> , 2019 , 223, 105916	3.9	6
274	Mid-Holocene moisture maximum revealed by pH changes derived from branched tetraethers in loess deposits of the northeastern Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 520, 138-149	2.9	9
273	Position and orientation of the westerly jet determined Holocene rainfall patterns in China. <i>Nature Communications</i> , 2019 , 10, 2376	17.4	48
272	Vegetation dynamics and their effects on surface water-energy balance over the Three-North Region of China. <i>Agricultural and Forest Meteorology</i> , 2019 , 275, 79-90	5.8	25
271	A late Middle Pleistocene Denisovan mandible from the Tibetan Plateau. <i>Nature</i> , 2019 , 569, 409-412	50.4	165
270	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
269	Optical dating of Holocene paleosol development and climate changes in the Yili Basin, arid central Asia. <i>Holocene</i> , 2019 , 29, 1068-1077	2.6	15
268	Optimization and evaluation of a monthly air temperature and precipitation gridded dataset with a 0.025° spatial resolution in China during 1951-2011. <i>Theoretical and Applied Climatology</i> , 2019 , 138, 491-507	3	10
267	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
266	Unstable Little Ice Age climate revealed by high-resolution proxy records from northwestern China. <i>Climate Dynamics</i> , 2019 , 53, 1517-1526	4.2	14
265	Holocene Solar Activity Imprint on Centennial- to Multidecadal-Scale Hydroclimatic Oscillations in Arid Central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 2562-2573	4.4	18
264	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
263	Strengthened Indian summer monsoon brought more rainfall to the western Tibetan Plateau during the early Holocene. <i>Science Bulletin</i> , 2019 , 64, 1482-1485	10.6	7

262	The impact of proxy selection strategies on a millennium-long ensemble of hydroclimatic records in Monsoon Asia. <i>Quaternary Science Reviews</i> , 2019 , 223, 105917	3.9	6
261	Parathethys Last Gasp in Central Asia and Late Oligocene Accelerated Uplift of the Pamirs. <i>Geophysical Research Letters</i> , 2019 , 46, 11773-11781	4.9	14
260	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
259	Tree-ring reconstruction of Lhasa River streamflow reveals 472 years of hydrologic change on southern Tibetan Plateau. <i>Journal of Hydrology</i> , 2019 , 572, 169-178	6	17
258	Deciphering Human Contributions to Yellow River Flow Reductions and Downstream Drying Using Centuries-Long Tree Ring Records. <i>Geophysical Research Letters</i> , 2019 , 46, 898-905	4.9	17
257	Long-term summer warming trend during the Holocene in central Asia indicated by alpine peat Cellulose $\delta^{13}C$ record. <i>Quaternary Science Reviews</i> , 2019 , 203, 56-67	3.9	31
256	Climatic significance of the stable carbon isotopic composition of surface soils in northern Iran and its application to an Early Pleistocene loess section. <i>Organic Geochemistry</i> , 2019 , 127, 104-114	3.1	10
255	In-site pollen record from the Dadiwan archaeological site and the human-environment relationship during Marine Oxygen Isotope Stage 3. <i>Quaternary Research</i> , 2019 , 91, 289-300	1.9	2
254	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
253	Climate change in arid central Asia since MIS 2 revealed from a loess sequence in Yili Basin, Xinjiang, China. <i>Quaternary International</i> , 2019 , 502, 258-266	2	7
252	Trend of increasing Holocene summer precipitation in arid central Asia: Evidence from an organic carbon isotopic record from the LJW10 loess section in Xinjiang, NW China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 509, 24-32	2.9	26
251	Orbital scale lake evolution in the Ejina Basin, central Gobi Desert, China revealed by K-feldspar luminescence dating of paleolake shoreline features. <i>Quaternary International</i> , 2018 , 482, 109-121	2	12
250	A high-resolution Holocene record of the East Asian summer monsoon variability in sediments from Mountain Ganhai Lake, North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 508, 17-34	2.9	5
249	Evolution of integrated lake status since the last deglaciation: A high-resolution sedimentary record from Lake Gonghai, Shanxi, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 496, 175-182	2.9	13
248	A multi-proxy climatic record from the central Tengger Desert, southern Mongolian Plateau: Implications for the aridification of inner Asia since the late Pliocene. <i>Journal of Asian Earth Sciences</i> , 2018 , 160, 27-37	2.8	8
247	Lagged response of summer precipitation to insolation forcing on the northeastern Tibetan Plateau during the Holocene. <i>Climate Dynamics</i> , 2018 , 50, 3117-3129	4.2	20
246	Prehistoric trans-continental cultural exchange in the Hexi Corridor, northwest China. <i>Holocene</i> , 2018 , 28, 621-628	2.6	40
245	A 14.7 Ka record of earth surface processes from the arid-monsoon transitional zone of China. <i>Earth Surface Processes and Landforms</i> , 2018 , 43, 723-734	3.7	8

244	Unmixing grain-size distributions in lake sediments: a new method of endmember modeling using hierarchical clustering. <i>Quaternary Research</i> , 2018 , 89, 365-373	1.9	20
243	The spatial extent of the East Asian summer monsoon in arid NW China during the Holocene and Last Interglaciation. <i>Global and Planetary Change</i> , 2018 , 169, 48-65	4.2	15
242	Dating Human Settlement in the East-Central Tibetan Plateau during the Late Holocene. <i>Radiocarbon</i> , 2018 , 60, 137-150	4.6	6
241	Variation and interplay of the Siberian High and westerlies in central-east Asia during the past 1200 kyr. <i>Aeolian Research</i> , 2018 , 33, 62-81	3.9	14
240	Holocene Vegetation and Climate Dynamics in the Altai Mountains and Surrounding Areas. <i>Geophysical Research Letters</i> , 2018 , 45, 6628-6636	4.9	47
239	Decoupled early Holocene summer temperature and monsoon precipitation in southwest China. <i>Quaternary Science Reviews</i> , 2018 , 193, 54-67	3.9	52
238	Changes of climate regimes during the last millennium and the twenty-first century simulated by the Community Earth System Model. <i>Quaternary Science Reviews</i> , 2018 , 180, 42-56	3.9	19
237	Fine-grained quartz OSL dating chronology of loess sequence from southern Tajikistan: Implications for climate change in arid central Asia during MIS 2. <i>Journal of Asian Earth Sciences</i> , 2018 , 155, 116-123	2.8	10
236	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
235	Early human occupation of the Tibetan Plateau. <i>Science Bulletin</i> , 2018 , 63, 1598-1600	10.6	6
234	Ancient water wells reveal a prolonged drought in the lower Yellow River area about 2800 years ago. <i>Science Bulletin</i> , 2018 , 63, 1324-1327	10.6	6
233	Biogeochemical responses to climate change and anthropogenic nitrogen deposition from a ~200-year record from Tianchi Lake, Chinese Loess Plateau. <i>Quaternary International</i> , 2018 , 493, 22-30	2	6
232	An environmental perturbation at AD 600 and subsequent human impacts recorded by multi-proxy records from the sediments of Lake Mayinghai, North China. <i>Holocene</i> , 2018 , 28, 1870-1880	2.6	6
231	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
230	East Asian warm season temperature variations over the past two millennia. <i>Scientific Reports</i> , 2018 , 8, 7702	4.9	20
229	Nonlagged Response of Vegetation to Climate Change During the Younger Dryas: Evidence from High-Resolution Multiproxy Records from an Alpine Lake in Northern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 7065	4.4	2
228	A chironomid-based record of temperature variability during the past 4000 years in northern China and its possible societal implications. <i>Climate of the Past</i> , 2018 , 14, 383-396	3.9	13
227	Micromorphology of the lower Pleistocene loess in the Iranian Loess Plateau and its paleoclimatic implications. <i>Quaternary International</i> , 2017 , 429, 31-40	2	13

226	Grain-size distribution of Pleistocene loess deposits in northern Iran and its palaeoclimatic implications. <i>Quaternary International</i> , 2017 , 429, 41-51	2	28
225	Late Quaternary lake evolution in the Gaxun Nur basin, central Gobi Desert, China, based on quartz OSL and K-feldspar pIRIR dating of paleoshorelines. <i>Journal of Quaternary Science</i> , 2017 , 32, 347-361	2.3	10
224	Aerosol-weakened summer monsoons decrease lake fertilization on the Chinese Loess Plateau. <i>Nature Climate Change</i> , 2017 , 7, 190-194	21.4	77
223	Modern pollen assemblages in topsoil and surface sediments of the Xingyun Lake catchment, central Yunnan Plateau, China, and their implications for interpretation of the fossil pollen record. <i>Review of Palaeobotany and Palynology</i> , 2017 , 241, 1-12	1.7	17
222	A 15 ka pH record from an alpine lake in north China derived from the cyclization ratio index of aquatic brGDGTs and its paleoclimatic significance. <i>Organic Geochemistry</i> , 2017 , 109, 31-46	3.1	15
221	Consistent vegetation and climate deterioration from early to late MIS3 revealed by multi-proxies (mainly pollen data) in north-west China. <i>Review of Palaeobotany and Palynology</i> , 2017 , 244, 43-53	1.7	5
220	Diet reconstructed from an analysis of plant microfossils in human dental calculus from the Bronze Age site of Shilinggang, southwestern China. <i>Journal of Archaeological Science</i> , 2017 , 83, 41-48	2.9	12
219	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}	11.5	45
218	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
217	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
216	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
215	Comment on "Permanent human occupation of the central Tibetan Plateau in the early Holocene". <i>Science</i> , 2017 , 357,	33.3	7
214	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
213	Impacts of the spatial extent of pollen-climate calibration-set on the absolute values, range and trends of reconstructed Holocene precipitation. <i>Quaternary Science Reviews</i> , 2017 , 178, 37-53	3.9	27
212	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
211	The luminescence dating chronology of a deep core from Bosten Lake (NW China) in arid central Asia reveals lake evolution over the last 220 ka. <i>Boreas</i> , 2017 , 46, 264-281	2.4	1
210	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
209	Copper content in anthropogenic sediments as a tracer for detecting smelting activities and its impact on environment during prehistoric period in Hexi Corridor, Northwest China. <i>Holocene</i> , 2017 , 27, 282-291	2.6	23

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