

Ulrike Herzschuh

List of Publications by Year in descending order

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215
papers

10,102
citations

30070

54
h-index

48315

88
g-index

256
all docs

256
docs citations

256
times ranked

6049
citing authors

#	ARTICLE	IF	CITATIONS
1	Palaeo-moisture evolution in monsoonal Central Asia during the last 50,000 years. <i>Quaternary Science Reviews</i> , 2006, 25, 163-178.	3.0	676
2	Asynchronous evolution of the Indian and East Asian Summer Monsoon indicated by Holocene moisture patterns in monsoonal central Asia. <i>Earth-Science Reviews</i> , 2010, 103, 135-153.	9.1	286
3	A general cooling trend on the central Tibetan Plateau throughout the Holocene recorded by the Lake Zigetang pollen spectra. <i>Quaternary International</i> , 2006, 154-155, 113-121.	1.5	220
4	Pliocene Warmth, Polar Amplification, and Stepped Pleistocene Cooling Recorded in NE Arctic Russia. <i>Science</i> , 2013, 340, 1421-1427.	12.6	216
5	Holocene vegetation and climate of the Alashan Plateau, NW China, reconstructed from pollen data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 211, 1-17.	2.3	203
6	Holocene environmental and climatic changes inferred from Wulungu Lake in northern Xinjiang, China. <i>Quaternary Research</i> , 2008, 70, 412-425.	1.7	200
7	The deep permafrost carbon pool of the Yedoma region in Siberia and Alaska. <i>Geophysical Research Letters</i> , 2013, 40, 6165-6170.	4.0	187
8	Influence of aquatic macrophytes on the stable carbon isotopic signatures of sedimentary organic matter in lakes on the Tibetan Plateau. <i>Organic Geochemistry</i> , 2010, 41, 706-718.	1.8	185
9	Late Holocene forcing of the Asian winter and summer monsoon as evidenced by proxy records from the northern Qinghai-Tibetan Plateau. <i>Earth and Planetary Science Letters</i> , 2009, 280, 276-284.	4.4	168
10	Reduced early Holocene moisture availability in the Bayan Har Mountains, northeastern Tibetan Plateau, inferred from a multi-proxy lake record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 267, 59-76.	2.3	161
11	Quantitative climate and vegetation trends since the late glacial on the northeastern Tibetan Plateau deduced from Koucha Lake pollen spectra. <i>Quaternary Research</i> , 2009, 71, 162-171.	1.7	161
12	Reliability of pollen ratios for environmental reconstructions on the Tibetan Plateau. <i>Journal of Biogeography</i> , 2007, 34, 1265-1273.	3.0	148
13	Holocene treeline shifts and monsoon variability in the Hengduan Mountains (southeastern Tibetan) Tj ETQq1 1 0.784314 rgBT /Over <i>Palaeoecology</i> , 2010, 286, 23-41.	2.3	141
14	$\delta^{13}C$ values of n-alkanes in Tibetan lake sediments and aquatic macrophytes – A surface sediment study and application to a 16ka record from Lake Koucha. <i>Organic Geochemistry</i> , 2010, 41, 779-790.	1.8	141
15	A modern pollen-climate calibration set based on lake sediments from the Tibetan Plateau and its application to a Late Quaternary pollen record from the Qilian Mountains. <i>Journal of Biogeography</i> , 2010, 37, 752-766.	3.0	138
16	Reconstructing climate variability on the northeastern Tibetan Plateau since the last Lateglacial – a multi-proxy, dual-site approach comparing terrestrial and aquatic signals. <i>Quaternary Science Reviews</i> , 2011, 30, 82-97.	3.0	133
17	Temperature variability and vertical vegetation belt shifts during the last ~450,000 yr in the Qilian Mountains (NE margin of the Tibetan Plateau, China). <i>Quaternary Research</i> , 2006, 66, 133-146.	1.7	125
18	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. <i>Quaternary</i> , 2021, 4, 6.	2.0	121

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19	Modern pollen representation of source vegetation in the Qaidam Basin and surrounding mountains, north-eastern Tibetan Plateau. <i>Vegetation History and Archaeobotany</i> , 2009, 18, 245-260.	2.1	117
20	Application and limitations of the <i>Artemisia</i> / <i>Chenopodiaceae</i> pollen ratio in arid and semi-arid China. <i>Holocene</i> , 2012, 22, 1385-1392.	1.7	116
21	Holocene changes in vegetation composition in northern Europe: why quantitative pollen-based vegetation reconstructions matter. <i>Quaternary Science Reviews</i> , 2014, 90, 199-216.	3.0	112
22	Position and orientation of the westerly jet determined Holocene rainfall patterns in China. <i>Nature Communications</i> , 2019, 10, 2376.	12.8	112
23	A late Quaternary lake record from the Qilian Mountains (NW China): evolution of the primary production and the water depth reconstructed from macrofossil, pollen, biomarker, and isotope data. <i>Global and Planetary Change</i> , 2005, 46, 361-379.	3.5	109
24	Ostracods and stable isotopes of a late glacial and Holocene lake record from the NE Tibetan Plateau. <i>Chemical Geology</i> , 2010, 276, 95-103.	3.3	107
25	An ostracod-conductivity transfer function for Tibetan lakes. <i>Journal of Paleolimnology</i> , 2007, 38, 509-524.	1.6	103
26	Satellite- and pollen-based quantitative woody cover reconstructions for northern Asia: Verification and application to late-Quaternary pollen data. <i>Earth and Planetary Science Letters</i> , 2007, 264, 284-298.	4.4	102
27	Quantitative reconstruction of precipitation changes on the NE Tibetan Plateau since the Last Glacial Maximum “extending the concept of pollen source area to pollen-based climate reconstructions from large lakes. <i>Climate of the Past</i> , 2014, 10, 21-39.	3.4	99
28	High-resolution leaf wax carbon and hydrogen isotopic record of the late Holocene paleoclimate in arid Central Asia. <i>Climate of the Past</i> , 2015, 11, 619-633.	3.4	98
29	Quantifying the effects of land use and climate on Holocene vegetation in Europe. <i>Quaternary Science Reviews</i> , 2017, 171, 20-37.	3.0	97
30	Organic-matter quality of deep permafrost carbon “a study from Arctic Siberia. <i>Biogeosciences</i> , 2015, 12, 2227-2245.	3.3	94
31	Lateglacial and Holocene variation in aeolian sediment flux over the northeastern Tibetan Plateau recorded by laminated sediments of a saline meromictic lake. <i>Journal of Quaternary Science</i> , 2010, 25, 162-177.	2.1	93
32	Late glacial vegetation and climate oscillations on the southeastern Tibetan Plateau inferred from the Lake Naleng pollen profile. <i>Quaternary Research</i> , 2010, 73, 324-335.	1.7	86
33	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.	9.1	84
34	Moisture-advection feedback supports strong early-to-mid Holocene monsoon climate on the eastern Tibetan Plateau as inferred from a pollen-based reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 402, 44-54.	2.3	83
35	Inter-laboratory comparison of oxygen isotope compositions from biogenic silica. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7242-7256.	3.9	82
36	A modern pollen “climate dataset from China and Mongolia: Assessing its potential for climate reconstruction. <i>Review of Palaeobotany and Palynology</i> , 2014, 211, 87-96.	1.5	82

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37	Glacial legacies on interglacial vegetation at the Pliocene-Pleistocene transition in NE Asia. <i>Nature Communications</i> , 2016, 7, 11967.	12.8	81
38	Modern hydrology and late Holocene history of Lake Karakul, eastern Pamirs (Tajikistan): A reconnaissance study. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 289, 10-24.	2.3	80
39	Glacier fluctuations of Muztagh Ata and temperature changes during the late Holocene in westernmost Tibetan Plateau, based on glaciolacustrine sediment records. <i>Geophysical Research Letters</i> , 2014, 41, 6265-6273.	4.0	78
40	Late Glacial and Holocene development of Lake Donggi Cona, north-eastern Tibetan Plateau, inferred from sedimentological analysis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 337-338, 159-176.	2.3	76
41	A Late Quaternary lake record from the Qilian Mountains (NW China): lake level and salinity changes inferred from sediment properties and ostracod assemblages. <i>Global and Planetary Change</i> , 2005, 46, 337-359.	3.5	75
42	A late Quaternary pollen dataset from eastern continental Asia for vegetation and climate reconstructions: Set up and evaluation. <i>Review of Palaeobotany and Palynology</i> , 2013, 194, 21-37.	1.5	75
43	Quantitative relationship between water-depth and sub-fossil ostracod assemblages in Lake Donggi Cona, Qinghai Province, China. <i>Journal of Paleolimnology</i> , 2010, 43, 589-608.	1.6	72
44	Biomarker and compound-specific $\delta^{13}C$ evidence for changing environmental conditions and carbon limitation at Lake Koucha, eastern Tibetan Plateau. <i>Journal of Paleolimnology</i> , 2010, 43, 873-899.	1.6	72
45	Terrestrial and aquatic responses to climate change and human impact on the southeastern Tibetan Plateau during the past two centuries. <i>Global Change Biology</i> , 2011, 17, 3376-3391.	9.5	67
46	Environmental variability in northeastern Siberia during the last ~ 13,300 yr inferred from lake diatoms and sediment geochemical parameters. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 329-330, 22-36.	2.3	66
47	Biome distribution over the last 22,000yr in China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 409, 33-47.	2.3	66
48	Polygon pattern geomorphometry on Svalbard (Norway) and western Utopia Planitia (Mars) using high-resolution stereo remote-sensing data. <i>Geomorphology</i> , 2011, 134, 197-216.	2.6	64
49	A comparison of sedimentary <i>scp</i> <DNA</i> and pollen from lake sediments in recording vegetation composition at the Siberian treeline. <i>Molecular Ecology Resources</i> , 2017, 17, e46-e62.	4.8	64
50	Holocene land-cover changes on the Tibetan Plateau. <i>Holocene</i> , 2010, 20, 91-104.	1.7	62
51	Chironomid-based inference models for estimating mean July air temperature and water depth from lakes in Yakutia, northeastern Russia. <i>Journal of Paleolimnology</i> , 2011, 45, 57-71.	1.6	61
52	A pollen-climate transfer function from the tundra and taiga vegetation in Arctic Siberia and its applicability to a Holocene record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 702-713.	2.3	61
53	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.	3.0	60
54	Environmental variability in the monsoon-westerlies transition zone during the last 1200 years: lake sediment analyses from central Mongolia and supra-regional synthesis. <i>Quaternary Science Reviews</i> , 2013, 73, 31-47.	3.0	56

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55	A Younger Dryas varve chronology from the Rehweise palaeolake record in NE-Germany. <i>Quaternary Science Reviews</i> , 2012, 36, 91-102.	3.0	55
56	Spatial and temporal distributions of major tree taxa in eastern continental Asia during the last 22,000 years. <i>Holocene</i> , 2015, 25, 79-91.	1.7	54
57	Northern Russian chironomid-based modern summer temperature data set and inference models. <i>Global and Planetary Change</i> , 2015, 134, 10-25.	3.5	53
58	Late Quaternary vegetation and lake system dynamics in north-eastern Siberia: Implications for seasonal climate variability. <i>Quaternary Science Reviews</i> , 2016, 147, 406-421.	3.0	53
59	Reassessment of Holocene vegetation change on the upper Tibetan Plateau using the pollen-based REVEALS model. <i>Review of Palaeobotany and Palynology</i> , 2011, 168, 31-40.	1.5	51
60	Ecological development of Lake Donggi Cona, north-eastern Tibetan Plateau, since the late glacial on basis of organic geochemical proxies and non-pollen palynomorphs. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 313-314, 140-149.	2.3	50
61	Sedimentary ancient DNA and pollen reveal the composition of plant organic matter in Late Quaternary permafrost sediments of the Buor Khaya Peninsula (north-eastern Siberia). <i>Biogeosciences</i> , 2017, 14, 575-596.	3.3	50
62	Basin morphology and seismic stratigraphy of Lake Donggi Cona, north-eastern Tibetan Plateau, China. <i>Quaternary International</i> , 2010, 218, 131-142.	1.5	49
63	Terrain controls on the occurrence of coastal retrogressive thaw slumps along the Yukon Coast, Canada. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 1619-1634.	2.8	49
64	Thermokarst Processes and Depositional Events in a Tundra Lake, Northeastern Siberia. <i>Permafrost and Periglacial Processes</i> , 2013, 24, 160-174.	3.4	48
65	Quantifying modern biomes based on surface pollen data in China. <i>Global and Planetary Change</i> , 2010, 74, 114-131.	3.5	47
66	Driving forces of mid-Holocene vegetation shifts on the upper Tibetan Plateau, with emphasis on changes in atmospheric CO ₂ concentrations. <i>Quaternary Science Reviews</i> , 2011, 30, 1907-1917.	3.0	47
67	Pollen-based quantitative land-cover reconstruction for northern Asia covering the last 40,000 cal BP. <i>Climate of the Past</i> , 2019, 15, 1503-1536.	3.4	46
68	Phytosociological studies in the north-eastern Tibetan Plateau (NW China) A first contribution to the subalpine scrub and alpine meadow vegetation. <i>Botanische Jahrbücher für Systematik, Pflanzengeschichte Und Pflanzengeographie</i> , 2005, 126, 273-315.	0.4	45
69	Evaluating the indicator value of Tibetan pollen taxa for modern vegetation and climate. <i>Review of Palaeobotany and Palynology</i> , 2010, 160, 197-208.	1.5	45
70	A modern pollen-climate calibration set from central-western Mongolia and its application to a late glacial-Holocene record. <i>Journal of Biogeography</i> , 2014, 41, 1909-1922.	3.0	45
71	Vegetation, climate and lake changes over the last 7000 years at the boreal treeline in north-central Siberia. <i>Quaternary Science Reviews</i> , 2016, 147, 422-434.	3.0	45
72	Sub-Recent Ostracoda from Qilian Mountains (NW China) and their ecological significance. <i>Limnologica</i> , 2003, 33, 280-292.	1.5	44

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73	Late Quaternary environmental history of the south-eastern Tibetan Plateau inferred from the Lake Naleng non-pollen palynomorph record. <i>Vegetation History and Archaeobotany</i> , 2010, 19, 453-468.	2.1	44
74	Late Pliocene and Early Pleistocene vegetation history of northeastern Russian Arctic inferred from the Lake El'gygytgyn pollen record. <i>Climate of the Past</i> , 2014, 10, 1017-1039.	3.4	43
75	Relative pollen productivity estimates for common taxa of the northern Siberian Arctic. <i>Review of Palaeobotany and Palynology</i> , 2015, 221, 71-82.	1.5	43
76	Response of methanogenic archaea to Late Pleistocene and Holocene climate changes in the Siberian Arctic. <i>Global Biogeochemical Cycles</i> , 2013, 27, 305-317.	4.9	42
77	Dissolved organic carbon (DOC) in Arctic ground ice. <i>Cryosphere</i> , 2015, 9, 737-752.	3.9	42
78	Climate variability on the south-eastern Tibetan Plateau since the Lateglacial based on a multiproxy approach from Lake Naleng – comparing pollen and non-pollen signals. <i>Quaternary Science Reviews</i> , 2015, 115, 112-122.	3.0	41
79	The History of Tree and Shrub Taxa on Bol'shoi Lyakhovskiy Island (New Siberian Archipelago) since the Last Interglacial Uncovered by Sedimentary Ancient DNA and Pollen Data. <i>Genes</i> , 2017, 8, 273.	2.4	41
80	Late Holocene thermokarst variability inferred from diatoms in a lake sediment record from the Lena Delta, Siberian Arctic. <i>Journal of Paleolimnology</i> , 2013, 49, 155-170.	1.6	40
81	Present-day variability and Holocene dynamics of permafrost-affected lakes in central Yakutia (Eastern) Tj ETQq1 1 0.784314.rgBT /Ov	3.0	39
82	Quantitative woody cover reconstructions from eastern continental Asia of the last 22 kyr reveal strong regional peculiarities. <i>Quaternary Science Reviews</i> , 2016, 137, 33-44.	3.0	39
83	Spatial variability of Holocene changes in the annual precipitation pattern: a model-data synthesis for the Asian monsoon region. <i>Climate Dynamics</i> , 2013, 40, 2919-2936.	3.8	37
84	Siberian larch forests and the ion content of thaw lakes form a geochemically functional entity. <i>Nature Communications</i> , 2013, 4, 2408.	12.8	36
85	Climatic and limnological changes at Lake Karakul (Tajikistan) during the last ~29 cal ka. <i>Journal of Paleolimnology</i> , 2017, 58, 317-334.	1.6	36
86	Human activities have reduced plant diversity in eastern China over the last two millennia. <i>Global Change Biology</i> , 2022, 28, 4962-4976.	9.5	36
87	Simulating Biome Distribution on the Tibetan Plateau Using a Modified Global Vegetation Model. <i>Arctic, Antarctic, and Alpine Research</i> , 2011, 43, 429-441.	1.1	35
88	Treeline dynamics in Siberia under changing climates as inferred from an individual-based model for <i>Larix</i> . <i>Ecological Modelling</i> , 2016, 338, 101-121.	2.5	34
89	Dissimilar responses of larch stands in northern Siberia to increasing temperatures – a field and simulation based study. <i>Ecology</i> , 2017, 98, 2343-2355.	3.2	34
90	The Eurasian Modern Pollen Database (EMPD), version 2. <i>Earth System Science Data</i> , 2020, 12, 2423-2445.	9.9	34

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91	THIS ARTICLE HAS BEEN RETRACTED: What caused the mid-Holocene forest decline on the eastern Tibetan-Qinghai Plateau?. <i>Global Ecology and Biogeography</i> , 2010, 19, 278-286.	5.8	33
92	Vegetation composition and shrub extent on the Yukon coast, Canada, are strongly linked to ice-wedge polygon degradation. <i>Polar Research</i> , 2016, 35, 27489.	1.6	33
93	Late Quaternary paleoenvironmental records from the Chatanika River valley near Fairbanks (Alaska). <i>Quaternary Science Reviews</i> , 2016, 147, 259-278.	3.0	32
94	Legacy of the Last Glacial on the present-day distribution of deciduous versus evergreen boreal forests. <i>Global Ecology and Biogeography</i> , 2020, 29, 198-206.	5.8	32
95	Sedimentary ancient DNA reveals a threat of warming-induced alpine habitat loss to Tibetan Plateau plant diversity. <i>Nature Communications</i> , 2021, 12, 2995.	12.8	32
96	What drives the recent intensified vegetation degradation in Mongolia – Climate change or human activity?. <i>Holocene</i> , 2014, 24, 1206-1215.	1.7	30
97	Genetic data from algae sedimentary DNA reflect the influence of environment over geography. <i>Scientific Reports</i> , 2015, 5, 12924.	3.3	30
98	Climate variability in the past ~19,000 yr in NE Tibetan Plateau inferred from biomarker and stable isotope records of Lake Donggi Cona. <i>Quaternary Science Reviews</i> , 2017, 157, 129-140.	3.0	30
99	Holocene Vegetation and Plant Diversity Changes in the North-Eastern Siberian Treeline Region From Pollen and Sedimentary Ancient DNA. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	29
100	Desert plant pollen production and a 160-year record of vegetation and climate change on the Alashan Plateau, NW China. <i>Vegetation History and Archaeobotany</i> , 2006, 15, 181-190.	2.1	28
101	Evaporation effects as reflected in freshwaters and ostracod calcite from modern environments in Central and Northeast Yakutia (East Siberia, Russia). <i>Hydrobiologia</i> , 2008, 614, 171-195.	2.0	28
102	Biome changes and their inferred climatic drivers in northern and eastern continental Asia at selected times since 40 ka bp. <i>Vegetation History and Archaeobotany</i> , 2018, 27, 365-379.	2.1	28
103	Strong shrub expansion in tundra-taiga, tree infilling in taiga and stable tundra in central Chukotka (north-eastern Siberia) between 2000 and 2017. <i>Environmental Research Letters</i> , 2020, 15, 085006.	5.2	28
104	Using variations in the stable carbon isotope composition of macrophyte remains to quantify nutrient dynamics in lakes. <i>Journal of Paleolimnology</i> , 2010, 43, 739-750.	1.6	27
105	Sedimentary DNA versus morphology in the analysis of diatom-environment relationships. <i>Journal of Paleolimnology</i> , 2017, 57, 51-66.	1.6	27
106	Late Holocene vegetation and climate change on the southeastern Tibetan Plateau: Implications for the Indian Summer Monsoon and links to the Indian Ocean Dipole. <i>Quaternary Science Reviews</i> , 2017, 177, 235-245.	3.0	27
107	Geochemical and sedimentological responses of arctic glacial Lake Ilirney, chukotka (far east Russia) to palaeoenvironmental change since ~45.8 ka BP. <i>Quaternary Science Reviews</i> , 2020, 247, 106607.	3.0	27
108	Recent ecological responses to climate variability and human impacts in the Nianbaoyeze Mountains (eastern Tibetan Plateau) inferred from pollen, diatom and tree-ring data. <i>Journal of Paleolimnology</i> , 2014, 51, 287-302.	1.6	26

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109	Hybridization capture of larch (<i>Larix</i> Mill.) chloroplast genomes from sedimentary ancient DNA reveals past changes of Siberian forest. <i>Molecular Ecology Resources</i> , 2021, 21, 801-815.	4.8	26
110	Compilation of relative pollen productivity (RPP) estimates and taxonomically harmonised RPP datasets for single continents and Northern Hemisphere extratropics. <i>Earth System Science Data</i> , 2020, 12, 3515-3528.	9.9	26
111	An ostracod-inferred large Middle Pleistocene freshwater lake in the presently hyper-arid Qaidam Basin (NW China). <i>Quaternary International</i> , 2010, 218, 74-85.	1.5	25
112	Subfossil Cladocera from surface sediment in thermokarst lakes in northeastern Siberia, Russia, in relation to limnological and climatic variables. <i>Journal of Paleolimnology</i> , 2014, 52, 107-119.	1.6	25
113	The sensitivity of diatom taxa from Yakutian lakes (north-eastern Siberia) to electrical conductivity and other environmental variables. <i>Polar Research</i> , 2018, 37, 1485625.	1.6	25
114	The evolution of sub-monsoon systems in the Afro-Asian monsoon region during the Holocene – comparison of different transient climate model simulations. <i>Climate of the Past</i> , 2015, 11, 305-326.	3.4	25
115	Analysis of the effects of climate-dependent factors on the formation of zooplankton communities that inhabit arctic lakes in the Anabar River Basin. <i>Contemporary Problems of Ecology</i> , 2013, 6, 1-11.	0.7	24
116	Temporal and spatial patterns of mitochondrial haplotype and species distributions in Siberian larches inferred from ancient environmental DNA and modeling. <i>Scientific Reports</i> , 2018, 8, 17436.	3.3	24
117	Lake nutrient variability inferred from elemental (C, N, S) and isotopic ($\delta^{13}C$, $\delta^{15}N$) analyses of aquatic plant macrofossils. <i>Quaternary Science Reviews</i> , 2010, 29, 2161-2172.	3.0	23
118	Northern Hemisphere biome changes (>30°N) since 40 cal ka BP and their driving factors inferred from model-data comparisons. <i>Quaternary Science Reviews</i> , 2019, 220, 291-309.	3.0	23
119	Genetic and morphologic determination of diatom community composition in surface sediments from glacial and thermokarst lakes in the Siberian Arctic. <i>Journal of Paleolimnology</i> , 2020, 64, 225-242.	1.6	23
120	Holocene vegetation transitions and their climatic drivers in MPI-ESM1.2. <i>Climate of the Past</i> , 2021, 17, 2481-2513.	3.4	23
121	Coherent tropical-subtropical Holocene see-saw moisture patterns in the Eastern Hemisphere monsoon systems. <i>Quaternary Science Reviews</i> , 2017, 169, 231-242.	3.0	22
122	Vegetation change in the eastern Pamir Mountains, Tajikistan, inferred from Lake Karakul pollen spectra of the last 28 kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 232-242.	2.3	22
123	Middle Pleistocene Ostracoda from a large freshwater lake in the presently dry Qaidam Basin (NW) Tj ETQq1 1 0.784314 rgBJ / Overlock	3.6	21
124	Dispersal distances and migration rates at the arctic treeline in Siberia – a genetic and simulation-based study. <i>Biogeosciences</i> , 2019, 16, 1211-1224.	3.3	21
125	Abrupt mid-Holocene decline in the Indian Summer Monsoon caused by tropical Indian Ocean cooling. <i>Climate Dynamics</i> , 2020, 55, 1961-1977.	3.8	21
126	Testate amoebae and environmental features of polygon tundra in the Indigirka lowland (East Siberia). <i>Polar Biology</i> , 2013, 36, 857-870.	1.2	20

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127	Lake-depth related pattern of genetic and morphological diatom diversity in boreal Lake Bolshoe Toko, Eastern Siberia. <i>PLoS ONE</i> , 2020, 15, e0230284.	2.5	20
128	Reconstruction of palaeoecological and palaeoclimatic conditions of the Holocene in the south of the Taimyr according to an analysis of lake sediments. <i>Contemporary Problems of Ecology</i> , 2017, 10, 363-369.	0.7	19
129	Biome changes in Asia since the mid-Holocene – an analysis of different transient Earth system model simulations. <i>Climate of the Past</i> , 2017, 13, 107-134.	3.4	19
130	Advances in the Derivation of Northeast Siberian Forest Metrics Using High-Resolution UAV-Based Photogrammetric Point Clouds. <i>Remote Sensing</i> , 2019, 11, 1447.	4.0	19
131	Variability of the surface energy balance in permafrost-underlain boreal forest. <i>Biogeosciences</i> , 2021, 18, 343-365.	3.3	19
132	Wildfire history of the boreal forest of south-western Yakutia (Siberia) over the last two millennia documented by a lake-sediment charcoal record. <i>Biogeosciences</i> , 2021, 18, 4185-4209.	3.3	19
133	Late glacial and Holocene sedimentation, vegetation, and climate history from easternmost Beringia (northern Yukon Territory, Canada). <i>Quaternary Research</i> , 2012, 78, 549-560.	1.7	18
134	A combined paleolimnological/genetic analysis of diatoms reveals divergent evolutionary lineages of <i>Staurosira</i> and <i>Staurosirella</i> (Bacillariophyta) in Siberian lake sediments along a latitudinal transect. <i>Journal of Paleolimnology</i> , 2014, 52, 77-93.	1.6	18
135	Vegetation patterns along micro-relief and vegetation type transects in polygonal landscapes of the Siberian Arctic. <i>Journal of Vegetation Science</i> , 2016, 27, 377-386.	2.2	18
136	Radiocarbon and optically stimulated luminescence dating of sediments from Lake Karakul, Tajikistan. <i>Quaternary Geochronology</i> , 2017, 41, 51-61.	1.4	18
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