

# Ulrike Herzschuh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7659491/publications.pdf>

Version: 2024-02-01

215  
papers

10,102  
citations

30047

54  
h-index

48277

88  
g-index

256  
all docs

256  
docs citations

256  
times ranked

6049  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vegetation change and human-environment interactions in the Qinghai Lake Basin, northeastern Tibetan Plateau, since the last deglaciation. <i>Catena</i> , 2022, 210, 105892.	2.2	14
2	Preservation of sedimentary plant DNA is related to lake water chemistry. <i>Environmental DNA</i> , 2022, 4, 425-439.	3.1	14
3	Long-distance modern analogues bias results of pollen-based precipitation reconstructions. <i>Science Bulletin</i> , 2022, 67, 1115-1117.	4.3	8
4	Palynological evidence for the temporal stability of the plant community in the Yellow River Source Area over the last 7,400 years. <i>Vegetation History and Archaeobotany</i> , 2022, 31, 549-558.	1.0	6
5	Harmonized chronologies of a global late Quaternary pollen dataset (LegacyAge 1.0). <i>Earth System Science Data</i> , 2022, 14, 1331-1343.	3.7	7
6	Novel coupled permafrost-forest model (LAVESI-CryoGrid v1.0) revealing the interplay between permafrost, vegetation, and climate across eastern Siberia. <i>Geoscientific Model Development</i> , 2022, 15, 2395-2422.	1.3	7
7	Sedimentary <i>scp</i> DNA identifies modern and past macrophyte diversity and its environmental drivers in high-latitude and high-elevation lakes in Siberia and China. <i>Limnology and Oceanography</i> , 2022, 67, 1126-1141.	1.6	13
8	Thermohydrological Impact of Forest Disturbances on Ecosystem-Protected Permafrost. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	3
9	Evaluation of lake sedimentary ancient <i>scp</i> DNA metabarcoding to assess fungal biodiversity in Arctic paleoecosystems. <i>Environmental DNA</i> , 2022, 4, 1150-1163.	3.1	7
10	Human activities have reduced plant diversity in eastern China over the last two millennia. <i>Global Change Biology</i> , 2022, 28, 4962-4976.	4.2	36
11	The potential of multispectral imaging flow cytometry for environmental monitoring. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 782-799.	1.1	4
12	<i>Larix</i> species range dynamics in Siberia since the Last Glacial captured from sedimentary ancient DNA. <i>Communications Biology</i> , 2022, 5, .	2.0	10
13	Pleistocene glacial and interglacial ecosystems inferred from ancient <i>scp</i> DNA analyses of permafrost sediments from Batagay megaslump, East Siberia. <i>Environmental DNA</i> , 2022, 4, 1265-1283.	3.1	11
14	LegacyPollen 1.0: a taxonomically harmonized global late Quaternary pollen dataset of 2831 records with standardized chronologies. <i>Earth System Science Data</i> , 2022, 14, 3213-3227.	3.7	7
15	Growth rings and stem diameter of <i>Dichrostachys cinerea</i> and <i>Senegalia mellifera</i> along a rainfall gradient in Namibia. <i>Trees, Forests and People</i> , 2021, 3, 100046.	0.8	3
16	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.	2.2	26
17	Holocene chloroplast genetic variation of shrubs ( <i>Alnus alnobetula</i> , <i>Betula nana</i> ,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 assembly and sedimentary ancient DNA analyses. <i>Ecology and Evolution</i> , 2021, 11, 2173-2193.	0.8	9
18	Variability of the surface energy balance in permafrost-underlain boreal forest. <i>Biogeosciences</i> , 2021, 18, 343-365.	1.3	19

#	ARTICLE	IF	CITATIONS
19	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. <i>Quaternary</i> , 2021, 4, 6.	1.0	121
20	Late Pleistocene to Holocene vegetation and climate changes in northwestern Chukotka (Far East) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	1.2	13
21	Relative pollen productivity estimates of savanna taxa from southern Africa and their application to reconstruct shrub encroachment during the last century. <i>Holocene</i> , 2021, 31, 1100-1111.	0.9	6
22	Sedimentary Ancient DNA From the Subarctic North Pacific: How Sea Ice, Salinity, and Insolation Dynamics Have Shaped Diatom Composition and Richness Over the Past 20,000 Years. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004091.	1.3	8
23	Temperature reconstructions for the last 1.74-Ma on the eastern Tibetan Plateau based on a novel pollen-based quantitative method. <i>Global and Planetary Change</i> , 2021, 199, 103433.	1.6	13
24	Vegetation Changes in Southeastern Siberia During the Late Pleistocene and the Holocene. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	15
25	Vegetation Reconstruction From Siberia and the Tibetan Plateau Using Modern Analogue Technique—Comparing Sedimentary (Ancient) DNA and Pollen Data. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	3
26	Sedimentary ancient DNA reveals a threat of warming-induced alpine habitat loss to Tibetan Plateau plant diversity. <i>Nature Communications</i> , 2021, 12, 2995.	5.8	32
27	Recent above-ground biomass changes in central Chukotka (Russian Far East) using field sampling and Landsat satellite data. <i>Biogeosciences</i> , 2021, 18, 3343-3366.	1.3	7
28	First pan-Arctic assessment of dissolved organic carbon in lakes of the permafrost region. <i>Biogeosciences</i> , 2021, 18, 3917-3936.	1.3	12
29	Pollen-based mapping of Holocene vegetation on the Qinghai-Tibetan Plateau in response to climate change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 573, 110412.	1.0	8
30	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.	1.3	19
31	Sediment and carbon accumulation in a glacial lake in Chukotka (Arctic Siberia) during the Late Pleistocene and Holocene: combining hydroacoustic profiling and down-core analyses. <i>Biogeosciences</i> , 2021, 18, 4791-4816.	1.3	6
32	Sensitivity of ecosystem-protected permafrost under changing boreal forest structures. <i>Environmental Research Letters</i> , 2021, 16, 084045.	2.2	11
33	Late Quaternary Climate Reconstruction and Lead-Lag Relationships of Biotic and Sediment-Geochemical Indicators at Lake Bolshoe Toko, Siberia. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	8
34	Plant sedimentary DNA as a proxy for vegetation reconstruction in eastern and northern Asia. <i>Ecological Indicators</i> , 2021, 132, 108303.	2.6	4
35	Responsiveness of <i>Dichrostachys cinerea</i> to seasonal variations in temperature and rainfall in central Namibia. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021, 286, 151974.	0.6	1
36	Plant Sedimentary Ancient DNA From Far East Russia Covering the Last 28,000 Years Reveals Different Assembly Rules in Cold and Warm Climates. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	10

#	ARTICLE	IF	CITATIONS
37	Holocene vegetation transitions and their climatic drivers in MPI-ESM1.2. <i>Climate of the Past</i> , 2021, 17, 2481-2513.	1.3	23
38	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.	2.7	32
39	Growth ring formation of <i>Dichrostachys cinerea</i> and <i>Senegalia mellifera</i> in arid environments in Namibia. <i>Dendrochronologia</i> , 2020, 59, 125661.	1.0	9
40	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, .	1.1	29
41	Abrupt mid-Holocene decline in the Indian Summer Monsoon caused by tropical Indian Ocean cooling. <i>Climate Dynamics</i> , 2020, 55, 1961-1977.	1.7	21
42	Influence of plant coverage and environmental variables on pollen productivities: evidence from northern China. <i>Frontiers of Earth Science</i> , 2020, 14, 789-802.	0.9	0
43	Long-lived larch clones may conserve adaptations that could restrict treeline migration in northern Siberia. <i>Ecology and Evolution</i> , 2020, 10, 10017-10030.	0.8	7
44	Geochemical and sedimentological responses of arctic glacial Lake Ilirney, chukotka (far east Russia) to palaeoenvironmental change since $\sim 145.1.8$ ka BP. <i>Quaternary Science Reviews</i> , 2020, 247, 106607.	1.4	27
45	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.	0.8	23
46	Lake diatom response to climate change and sedimentary events on the southeastern Tibetan Plateau during the last millennium. <i>Quaternary Science Reviews</i> , 2020, 241, 106409.	1.4	6
47	Relationships between low-temperature fires, climate and vegetation during three late glacial and interglacials of the last 430 kyr in northeastern Siberia reconstructed from monosaccharide anhydrides in Lake El'gygytgyn sediments. <i>Climate of the Past</i> , 2020, 16, 799-818.	1.3	14
48	Vegetation state changes in the course of shrub encroachment in an African savanna since about 1850 CE and their potential drivers. <i>Ecology and Evolution</i> , 2020, 10, 962-979.	0.8	17
49	Dating of a late Quaternary loess section from the northern slope of the Tianshan Mountains (Xinjiang, China) and its paleoenvironmental significance. <i>Quaternary International</i> , 2020, 544, 104-112.	0.7	16
50	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.	4.0	84
51	Phylogenetic diversity and environment form assembly rules for Arctic diatom genera—A study on recent and ancient sedimentary DNA. <i>Journal of Biogeography</i> , 2020, 47, 1166-1179.	1.4	15
52	Taxonomic and functional diversity differentiation of chironomid communities in northern Mongolian Plateau under complex environmental impacts. <i>Hydrobiologia</i> , 2020, 847, 2155-2167.	1.0	6
53	Lake-depth related pattern of genetic and morphological diatom diversity in boreal Lake Bolshoe Toko, Eastern Siberia. <i>PLoS ONE</i> , 2020, 15, e0230284.	1.1	20
54	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.	2.2	28

#	ARTICLE	IF	CITATIONS
55	Plant diversity in sedimentary DNA obtained from high-latitude (Siberia) and high-elevation lakes (China). <i>Biodiversity Data Journal</i> , 2020, 8, e57089.	0.4	12
56	A taxonomically harmonized and temporally standardized fossil pollen dataset from Siberia covering the last 40â€‰kyr. <i>Earth System Science Data</i> , 2020, 12, 119-135.	3.7	15
57	The Eurasian Modern Pollen Database (EMPD), version 2. <i>Earth System Science Data</i> , 2020, 12, 2423-2445.	3.7	34
58	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.	3.7	26
59	Changes in the composition of marine and sea-ice diatoms derived from sedimentary ancient DNA of the eastern Fram Strait over the past 30â€‰000 years. <i>Ocean Science</i> , 2020, 16, 1017-1032.	1.3	15
60	Chloroplast and mitochondrial genetic variation of larches at the Siberian tundra-taiga ecotone revealed by de novo assembly. <i>PLoS ONE</i> , 2019, 14, e0216966.	1.1	13
61	Advances in the Derivation of Northeast Siberian Forest Metrics Using High-Resolution UAV-Based Photogrammetric Point Clouds. <i>Remote Sensing</i> , 2019, 11, 1447.	1.8	19
62	Northern Hemisphere biome changes (>30Â°N) since 40â€‰cal ka BP and their driving factors inferred from model-data comparisons. <i>Quaternary Science Reviews</i> , 2019, 220, 291-309.	1.4	23
63	Pollen-based quantitative land-cover reconstruction for northern Asia covering the last 40â€‰kaâ€‰calâ€‰BP. <i>Climate of the Past</i> , 2019, 15, 1503-1536.	1.3	46
64	Position and orientation of the westerly jet determined Holocene rainfall patterns in China. <i>Nature Communications</i> , 2019, 10, 2376.	5.8	112
65	Dispersal distances and migration rates at the arctic treeline in Siberia â€“ a genetic and simulation-based study. <i>Biogeosciences</i> , 2019, 16, 1211-1224.	1.3	21
66	Vegetation and climate changes since the middle MIS 3 inferred from a Wulagai Lake pollen record, Inner Mongolia, Northeastern China. <i>Review of Palaeobotany and Palynology</i> , 2019, 262, 44-51.	0.8	11
67	High gene flow and complex treeline dynamics of <i>Larix Mill.</i> stands on the Taymyr Peninsula (north-central Siberia) revealed by nuclear microsatellites. <i>Tree Genetics and Genomes</i> , 2018, 14, 1.	0.6	8
68	Composition and diversity of vegetation and pollen spectra along gradients of grazing intensity and precipitation in southern Africa. <i>Review of Palaeobotany and Palynology</i> , 2018, 253, 88-100.	0.8	10
69	Biome changes and their inferred climatic drivers in northern and eastern continental Asia at selected times since 40Â°cal ka bp. <i>Vegetation History and Archaeobotany</i> , 2018, 27, 365-379.	1.0	28
70	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
71	Implementing spatially explicit wind-driven seed and pollen dispersal in the individual-based larch simulation model: LAVESI-WIND 1.0. <i>Geoscientific Model Development</i> , 2018, 11, 4451-4467.	1.3	16
72	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.	1.6	24

#	ARTICLE	IF	CITATIONS
73	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.	1.0	22
74	Late Holocene ice-wedge polygon dynamics in northeastern Siberian coastal lowlands. <i>Arctic, Antarctic, and Alpine Research</i> , 2018, 50, .	0.4	7
75	Dissimilar responses of larch stands in northern Siberia to increasing temperatures—a field and simulation based study. <i>Ecology</i> , 2017, 98, 2343-2355.	1.5	34
76	A comparison of sedimentary <scp>DNA</scp> and pollen from lake sediments in recording vegetation composition at the Siberian treeline. <i>Molecular Ecology Resources</i> , 2017, 17, e46-e62.	2.2	64
77	Sedimentary DNA versus morphology in the analysis of diatom-environment relationships. <i>Journal of Paleolimnology</i> , 2017, 57, 51-66.	0.8	27
78	Coherent tropical-subtropical Holocene see-saw moisture patterns in the Eastern Hemisphere monsoon systems. <i>Quaternary Science Reviews</i> , 2017, 169, 231-242.	1.4	22
79	Climatic and limnological changes at Lake Karakul (Tajikistan) during the last ~29 cal ka. <i>Journal of Paleolimnology</i> , 2017, 58, 317-334.	0.8	36
80	Radiocarbon and optically stimulated luminescence dating of sediments from Lake Karakul, Tajikistan. <i>Quaternary Geochronology</i> , 2017, 41, 51-61.	0.6	18
81	Tundra vegetation stability versus lake-basin variability on the Yukon Coastal Plain (NW Canada) during the past three centuries. <i>Holocene</i> , 2017, 27, 1846-1858.	0.9	7
82	Reply to Chong Xu's comment on Wang Y, Herzschuh U, Liu X, Korup O, Diekmann B (2014) A high-resolution sedimentary archive from landslide-dammed Lake Mengda, north-eastern Tibetan Plateau. <i>J Paleolimnol</i> 51: 303–312. <i>Journal of Paleolimnology</i> , 2017, 57, 163-164.	0.8	0
83	Pollen-climate relationships in time (9 ka, 6 ka, 0 ka) and space (upland vs. lowland) in eastern continental Asia. <i>Quaternary Science Reviews</i> , 2017, 156, 1-11.	1.4	18
84	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.	1.4	30
85	Quantifying the effects of land use and climate on Holocene vegetation in Europe. <i>Quaternary Science Reviews</i> , 2017, 171, 20-37.	1.4	97
86	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.	1.0	49
87	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.	1.4	60
88	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.	1.4	27
89	Aquatic macrophyte dynamics in Lake Karakul (Eastern Pamir) over the last 29 cal ka revealed by sedimentary ancient DNA and geochemical analyses of macrofossil remains. <i>Journal of Paleolimnology</i> , 2017, 58, 403-417.	0.8	18
90	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.	0.3	19

#	ARTICLE	IF	CITATIONS
91	The History of Tree and Shrub Taxa on Bol'shoy Lyakhovsky Island (New Siberian Archipelago) since the Last Interglacial Uncovered by Sedimentary Ancient DNA and Pollen Data. <i>Genes</i> , 2017, 8, 273.	1.0	41
92	$\delta^{13}C$ and $\delta^{15}N$ ratio, stable isotope ( $\delta^{13}C$ , $\delta^{15}N$ ) Tj ETQq0 0 0 &lt;i>alkane patterns of brown mosses along hydrological gradients of low-centred polygons of the Siberian Arctic. <i>Biogeosciences</i> , 2017, 14, 1617-1630.	1.3	11
93	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.	1.3	50
94	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.	1.3	19
95	Disturbance-effects on treeline larch-stands in the lower Kolyma River area (NE Siberia). <i>Silva Fennica</i> , 2017, 51, .	0.5	5
96	Freshwater ostracods (Crustacea) and environmental variability of polygon ponds in the tundra of the Indigirka Lowland, north-east Siberia. <i>Polar Research</i> , 2016, 35, 25225.	1.6	12
97	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.	1.1	18
98	Glacial legacies on interglacial vegetation at the Pliocene-Pleistocene transition in NE Asia. <i>Nature Communications</i> , 2016, 7, 11967.	5.8	81
99	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.	1.2	34
100	Rapid climate fluctuations over the past millennium: evidence from a lacustrine record of Basomtso Lake, southeastern Tibetan Plateau. <i>Scientific Reports</i> , 2016, 6, 24806.	1.6	11
101	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
102	Late Quaternary paleoenvironmental records from the Chatanika River valley near Fairbanks (Alaska). <i>Quaternary Science Reviews</i> , 2016, 147, 259-278.	1.4	32
103	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.	1.4	39
104	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.	1.4	45
105	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.	1.4	53
106	Genetic data from algae sedimentary DNA reflect the influence of environment over geography. <i>Scientific Reports</i> , 2015, 5, 12924.	1.6	30
107	Relative pollen productivity estimates for common taxa of the northern Siberian Arctic. <i>Review of Palaeobotany and Palynology</i> , 2015, 221, 71-82.	0.8	43
108	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.	1.3	98

#	ARTICLE	IF	CITATIONS
109	Organic-matter quality of deep permafrost carbon – a study from Arctic Siberia. <i>Biogeosciences</i> , 2015, 12, 2227-2245.	1.3	94
110	Dissolved organic carbon (DOC) in Arctic ground ice. <i>Cryosphere</i> , 2015, 9, 737-752.	1.5	42
111	Complex vegetation responses to climate change on the Tibetan Plateau: a paleoecological perspective. <i>National Science Review</i> , 2015, 2, 400-402.	4.6	12
112	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.	0.9	54
113	Vegetation, Climate, Man – Holocene Variability in Monsoonal Central Asia. <i>SpringerBriefs in Earth System Sciences</i> , 2015, , 97-102.	0.0	2
114	Northern Russian chironomid-based modern summer temperature data set and inference models. <i>Global and Planetary Change</i> , 2015, 134, 10-25.	1.6	53
115	Vegetation and lake changes on the southern Taymyr peninsula, northern Siberia, during the last 300 years inferred from pollen and <i>Pediastrum</i> green algae records. <i>Holocene</i> , 2015, 25, 596-606.	0.9	11
116	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.	1.4	41
117	John Birks: Pioneer in quantitative palaeoecology. <i>Holocene</i> , 2015, 25, 3-16.	0.9	1
118	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.	1.3	25
119	Corrigendum to ‘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’ published in <i>Clim. Past</i> , 10, 21–39, 2014. <i>Climate of the Past</i> , 2014, 10, 207-207.	1.3	0
120	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.	1.3	43
121	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.	1.3	99
122	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.	0.8	82
123	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.	1.4	45
124	What drives the recent intensified vegetation degradation in Mongolia – Climate change or human activity?. <i>Holocene</i> , 2014, 24, 1206-1215.	0.9	30
125	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.	1.5	78
126	Biome distribution over the last 22,000yr in China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 409, 33-47.	1.0	66



#	ARTICLE	IF	CITATIONS
127	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.	1.0	83
128	A MIS 3 charcoal and pollen record and quantitative precipitation inferences from the Jingerwa section of the Nihewan Basin, north-central China. <i>Journal of Paleolimnology</i> , 2014, 51, 211-221.	0.8	6
129	A high-resolution sedimentary archive from landslide-dammed Lake Mengda, north-eastern Tibetan Plateau. <i>Journal of Paleolimnology</i> , 2014, 51, 303-312.	0.8	6
130	Holocene changes in vegetation composition in northern Europe: why quantitative pollen-based vegetation reconstructions matter. <i>Quaternary Science Reviews</i> , 2014, 90, 199-216.	1.4	112
131	Vegetation and climate change during Marine Isotope Stage 3 in China. <i>Science Bulletin</i> , 2014, 59, 4444-4455.	1.7	17
132	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.	0.8	26
133	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.	0.8	18
134	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.	0.8	25
135	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.	0.3	24
136	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.	1.7	37
137	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.	1.0	61
138	Siberian larch forests and the ion content of thaw lakes form a geochemically functional entity. <i>Nature Communications</i> , 2013, 4, 2408.	5.8	36
139	The deep permafrost carbon pool of the Yedoma region in Siberia and Alaska. <i>Geophysical Research Letters</i> , 2013, 40, 6165-6170.	1.5	187
140	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.	0.8	40
141	Thermokarst Processes and Depositional Events in a Tundra Lake, Northeastern Siberia. <i>Permafrost and Periglacial Processes</i> , 2013, 24, 160-174.	1.5	48
142	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.	1.4	56
143	Pliocene Warmth, Polar Amplification, and Stepped Pleistocene Cooling Recorded in NE Arctic Russia. <i>Science</i> , 2013, 340, 1421-1427.	6.0	216
144	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.	0.8	75

#	ARTICLE	IF	CITATIONS
145	Testate amoebae and environmental features of polygon tundra in the Indigirka lowland (East Siberia). <i>Polar Biology</i> , 2013, 36, 857-870.	0.5	20
146	Response of methanogenic archaea to Late Pleistocene and Holocene climate changes in the Siberian Arctic. <i>Global Biogeochemical Cycles</i> , 2013, 27, 305-317.	1.9	42
147	River flooding as a driver of polygon dynamics: modern vegetation data and a millennial peat record from the Anabar River lowlands (Arctic Siberia). <i>Biogeosciences</i> , 2013, 10, 5703-5728.	1.3	11
148	Temporally changing drivers for late-Holocene vegetation changes on the northern Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 353-355, 10-20.	1.0	12
149	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.	0.9	116
150	A Younger Dryas varve chronology from the Rehwiase palaeolake record in NE-Germany. <i>Quaternary Science Reviews</i> , 2012, 36, 91-102.	1.4	55
151	Present-day variability and Holocene dynamics of permafrost-affected lakes in central Yakutia (Eastern Tj ETQq1 1 0.784314 rgBT /Over	1.4	39
152	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.	1.0	50
153	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.	1.0	66
154	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.	1.0	76
155	Subfossil ostracode assemblages from Mongolia – Quantifying response for paleolimnological applications. <i>Ecological Indicators</i> , 2012, 14, 138-151.	2.6	11
156	Late glacial and Holocene sedimentation, vegetation, and climate history from easternmost Beringia (northern Yukon Territory, Canada). <i>Quaternary Research</i> , 2012, 78, 549-560.	1.0	18
157	Late Holocene diatom assemblages in a lake-sediment core from Central Kamchatka, Russia. <i>Journal of Paleolimnology</i> , 2012, 47, 549-560.	0.8	14
158	Environmental constraints on lake sediment mineral compositions from the Tibetan Plateau and implications for paleoenvironment reconstruction. <i>Journal of Paleolimnology</i> , 2012, 47, 71-85.	0.8	12
159	Simulation and Comparison Between Mid-Holocene and Preindustrial Indian Summer Monsoon Circulation Using a Regional Climate Model. <i>The Open Atmospheric Science Journal</i> , 2012, 6, 42-48.	0.5	7
160	Simulating Biome Distribution on the Tibetan Plateau Using a Modified Global Vegetation Model. <i>Arctic, Antarctic, and Alpine Research</i> , 2011, 43, 429-441.	0.4	35
161	Inter-laboratory comparison of oxygen isotope compositions from biogenic silica. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7242-7256.	1.6	82
162	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.	1.1	64

#	ARTICLE	IF	CITATIONS
163	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.	1.4	133
164	Driving forces of mid-Holocene vegetation shifts on the upper Tibetan Plateau, with emphasis on changes in atmospheric CO <sub>2</sub> concentrations. <i>Quaternary Science Reviews</i> , 2011, 30, 1907-1917.	1.4	47
165	Holocene vegetation and biomass changes on the Tibetan Plateau – a model-pollen data comparison. <i>Climate of the Past</i> , 2011, 7, 881-901.	1.3	12
166	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.	4.2	67
167	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.	0.8	51
168	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.	0.8	61
169	Modest diatom responses to regional warming on the southeast Tibetan Plateau during the last two centuries. <i>Journal of Paleolimnology</i> , 2011, 46, 215-227.	0.8	16
170	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.	1.0	44
171	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.	0.8	72
172	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.	0.8	27
173	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.	0.8	72
174	Evaluating the indicator value of Tibetan pollen taxa for modern vegetation and climate. <i>Review of Palaeobotany and Palynology</i> , 2010, 160, 197-208.	0.8	45
175	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.	4.0	286
176	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.	1.0	86
177	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.	1.1	93
178	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.	1.4	138
179	THIS ARTICLE HAS BEEN RETRACTED: What caused the mid-Holocene forest decline on the eastern Tibet – Qinghai Plateau?. <i>Global Ecology and Biogeography</i> , 2010, 19, 278-286.	2.7	33
180	Holocene land-cover changes on the Tibetan Plateau. <i>Holocene</i> , 2010, 20, 91-104.	0.9	62

#	ARTICLE	IF	CITATIONS
181	Quantifying modern biomes based on surface pollen data in China. <i>Global and Planetary Change</i> , 2010, 74, 114-131.	1.6	47
182	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.	1.4	107
183	Holocene treeline shifts and monsoon variability in the Hengduan Mountains (southeastern Tibetan) Tj ETQq1 1 0.784314 rgBT /Over Palaeoecology, 2010, 286, 23-41.	1.0	141
184	Modern hydrology and late Holocene history of Lake Karakul, eastern Pamirs (Tajikistan): A reconnaissance study. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 289, 10-24.	1.0	80
185	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.	0.9	185
186	$\delta^{13}C$ 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.	0.9	141
187	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.	0.7	25
188	Basin morphology and seismic stratigraphy of Lake Donggi Cona, north-eastern Tibetan Plateau, China. <i>Quaternary International</i> , 2010, 218, 131-142.	0.7	49
189	The mystery of Bunge Land (New Siberian Archipelago): implications for its formation based on palaeoenvironmental records, geomorphology, and remote sensing. <i>Quaternary Science Reviews</i> , 2010, 29, 3598-3614.	1.4	17
190	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.	1.4	23
191	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.	1.0	161
192	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.	1.0	117
193	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.	1.8	168
194	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.	1.0	28
195	Holocene environmental and climatic changes inferred from Wulungu Lake in northern Xinjiang, China. <i>Quaternary Research</i> , 2008, 70, 412-425.	1.0	200
196	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.	1.0	161
197	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.	1.8	102
198	Reliability of pollen ratios for environmental reconstructions on the Tibetan Plateau. <i>Journal of Biogeography</i> , 2007, 34, 1265-1273.	1.4	148

#	ARTICLE	IF	CITATIONS
199	An ostracod-conductivity transfer function for Tibetan lakes. <i>Journal of Paleolimnology</i> , 2007, 38, 509-524.	0.8	103
200	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.	0.7	220
201	Palaeo-moisture evolution in monsoonal Central Asia during the last 50,000 years. <i>Quaternary Science Reviews</i> , 2006, 25, 163-178.	1.4	676
202	Middle Pleistocene Ostracoda from a large freshwater lake in the presently dry Qaidam Basin (NW China). <i>Journal of Paleolimnology</i> , 2006, 33, 107-113.	1.3	21
203	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.	1.0	28
204	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.	1.0	125
205	A large Middle Pleistocene freshwater to oligohaline lake in the contemporary hyperarid Qaidam Basin (China). <i>Episodes</i> , 2006, 29, 34-38.	0.8	6
206	Phytosociological studies in the north-eastern Tibetan Plateau (NW China) A first contribution to the subalpine scrub and alpine meadow vegetation. <i>Botanische Jahrbücher Systematik, Pflanzengeschichte Und Pflanzengeographie</i> , 2005, 126, 273-315.	0.4	45
207	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.	1.6	75
208	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.	1.6	109
209	Holocene vegetation and climate of the Alashan Plateau, NW China, reconstructed from pollen data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 211, 1-17.	1.0	203
210	Sub-Recent Ostracoda from Qilian Mountains (NW China) and their ecological significance. <i>Limnologica</i> , 2003, 33, 280-292.	0.7	44
211	Sub-recent Ostracoda from Qilian Mountains, NW China. <i>Journal of Micropalaeontology</i> , 2003, 22, 137-138.	1.3	2
212	Late Quaternary paleoenvironmental reconstructions from sediments of Lake Emansa (Verkhoyansk) (Russia). <i>Journal of Paleolimnology</i> , 2003, 28, 191-195.	1.1	3
213	Regional opportunities for tundra conservation in the next 1000 years. <i>ELife</i> , 0, 11, .	2.8	8
214	Pollen-Based Holocene Thawing-History of Permafrost in Northern Asia and Its Potential Impacts on Climate Change. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
215	Modern Pollen Assemblages From Lake Sediments and Soil in East Siberia and Relative Pollen Productivity Estimates for Major Taxa. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	3