H John B Birks

List of Publications by Citations

291 papers	22,169 citations	80 h-index	137 g-index
303 ext. papers	24,149 ext. citations	5 avg, IF	7.1 L-index

#	Paper	IF	Citations
291	Holocene moisture evolution in arid central Asia and its out-of-phase relationship with Asian monsoon history. *Quaternary Science Reviews*, **2008**, 27, 351-364	3.9	757
290	Climate-driven regime shifts in the biological communities of arctic lakes. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 4397-402	11.5	699
289	D.G. Frey and E.S. Deevey Review 1: Numerical tools in palaeolimnology Progress, potentialities, and problems. *Journal of Paleolimnology*, **1998**, 20, 307-332	2.1	669
288	Recent warming reverses long-term arctic cooling. *Science*, **2009**, 325, 1236-9	33.3	515
287	What is natural? The need for a long-term perspective in biodiversity conservation. *Science*, **2006**, 314, 1261-5	33.3	447
286	Agroforestry: a refuge for tropical biodiversity?. *Trends in Ecology and Evolution*, **2008**, 23, 261-7	10.9	435
285	East Asian summer monsoon precipitation variability since the last deglaciation. *Scientific Reports*, **2015**, 5, 11186	4.9	360
284	Modern diatom, cladocera, chironomid, and chrysophyte cyst assemblages as quantitative indicators for the reconstruction of past environmental conditions in the Alps. I. Climate. *Journal of Paleolimnology*, **1997**, 18, 395-420	2.1	338
283	Chironomid-inferred air temperatures from Lateglacial and Holocene sites in north-west Europe: progress and problems. *Quaternary Science Reviews*, **2001**, 20, 1723-1741	3.9	313
282	July mean temperature and annual precipitation trends during the Holocene in the Fennoscandian tree-line area: pollen-based climate reconstructions. *Holocene*, **2001**, 11, 527-539	2.6	299
281	The intercept is a poor estimate of a calibrated radiocarbon age. *Holocene*, **2004**, 14, 296-298	2.6	297
280	An Assessment of Chironomidae as Quantitative Indicators of Past Climatic Change. *Canadian Journal of Fisheries and Aquatic Sciences*, **1991**, 48, 975-987	2.4	276
279	Recent increases in species richness and shifts in altitudinal distributions of Norwegian mountain plants. *Holocene*, **2003**, 13, 1-6	2.6	263
278	Strengths and Weaknesses of Quantitative Climate Reconstructions Based on Late-Quaternary Biological Proxies. *Open Ecology Journal*, **2011**, 3, 68-110	2	253
277	All ageepth models are wrong: but how badly?. *Quaternary Science Reviews*, **2004**, 23, 1-5	3.9	252
276	Alpines, trees, and refugia in Europe. *Plant Ecology and Diversity*, **2008**, 1, 147-160	2.2	251
275	Relationships between calibrated ages and depth in stratigraphical sequences: an estimation procedure by mixed-effect regression. *Holocene*, **2005**, 15, 612-618	2.6	251

274	Biodiversity baselines, thresholds and resilience: testing predictions and assumptions using palaeoecological data. *Trends in Ecology and Evolution*, **2010**, 25, 583-91	10.9	242
273	Multi-proxy studies in palaeolimnology. *Vegetation History and Archaeobotany*, **2006**, 15, 235-251	2.6	239
272	Holocene Isochrone Maps and Patterns of Tree-Spreading in the British Isles. *Journal of Biogeography*, **1989**, 16, 503	4.1	238
271	The development of the aquatic ecosystem at Krkenes Lake, western Norway, during the late glacial and early Holocene - a synthesis. *Journal of Paleolimnology*, **2000**, 23, 91-114	2.1	211
270	Last nine-thousand years of temperature variability in Northern Europe. *Climate of the Past*, **2009**, 5, 523-535	3.9	202
269	The secret assumption of transfer functions: problems with spatial autocorrelation in evaluating model performance. *Quaternary Science Reviews*, **2005**, 24, 2173-2179	3.9	200
268	Quantification of biotic responses to rapid climatic changes around the Younger Dryas a synthesis. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2000**, 159, 313-347	2.9	186
267	Modern diatom, cladocera, chironomid, and chrysophyte cyst assemblages as quantitative indicators for the reconstruction of past environmental conditions in the Alps. II. Nutrients. *Journal of Paleolimnology*, **1998**, 19, 443-463	2.1	184
266	Younger Dryas and Allerd summer temperatures at Gerzensee (Switzerland) inferred from fossil pollen and cladoceran assemblages. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2000**, 159, 349-361	2.9	183
265	Quantitative multiproxy assessment of long-term patterns of Holocene environmental change from a small lake near Abisko, northern Sweden. *Holocene*, **2002**, 12, 481-496	2.6	182
264	NUMERICAL METHODS IN QUATERNARY PALAEOECOLOGY I. ZONATION OF POLLEN DIAGRAMS. *New Phytologist*, **1972**, 71, 961-979	9.8	179
263	Evaluation of transfer functions in spatially structured environments. *Quaternary Science Reviews*, **2009**, 28, 1309-1316	3.9	169
262	Looking forward through the past: identification of 50 priority research questions in palaeoecology. *Journal of Ecology*, **2014**, 102, 256-267	6	168
261	An expanded calibration model for inferring lakewater and air temperatures from fossil chironomid assemblages in northern Fennoscandia. *Holocene*, **1999**, 9, 279-294	2.6	167
260	Assessment of freshwater diatoms as quantitative indicators of past climatic change in the Yukon and Northwest Territories, Canada. *Journal of Paleolimnology*, **1995**, 13, 21-49	2.1	167
259	Holocene land-cover reconstructions for studies on land cover-climate feedbacks. *Climate of the Past*, **2010**, 6, 483-499	3.9	164
258	Dispersal limitations matter for microbial morphospecies. *Science*, **2006**, 312, 1015	33.3	164
257	Late-Wisconsinan Vegetational History at Wolf Creek, Central Minnesota. *Ecological Monographs*, **1976**, 46, 395-429	9	164

256	Chironomid-inferred late-glacial and early-Holocene mean July air temperatures for Krkenes Lake, western Norway. *Journal of Paleolimnology*, **2000**, 23, 77-89	2.1	162
255	Holocene changes in atmospheric circulation recorded in the oxygen-isotope stratigraphy of lacustrine carbonates from northern Sweden. *Holocene*, **2002**, 12, 339-351	2.6	158
254	Topography-driven isolation, speciation and a global increase of endemism with elevation. *Global Ecology and Biogeography*, **2016**, 25, 1097-1107	6.1	156
253	Chironomids as a tool for inferring Holocene climate: an assessment based on six sites in southern Scandinavia. *Quaternary Science Reviews*, **2005**, 24, 1429-1462	3.9	155
252	How to maximize biological diversity in nature reserve selection: Vascular plants and breeding birds in deciduous woodlands, western Norway. *Biological Conservation*, **1993**, 66, 131-138	6.2	155
251	How Much Acidification Has Occurred in Adirondack Region Lakes (New York, USA) since Preindustrial Times?. *Canadian Journal of Fisheries and Aquatic Sciences*, **1992**, 49, 128-141	2.4	154
250	Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across Northern Europe. *Global Change Biology*, **2013**, 19, 1470-81	11.4	152
249	A modern pollenclimate calibration set from northern Europe: developing and testing a tool for palaeoclimatological reconstructions. *Journal of Biogeography*, **2004**, 31, 251-267	4.1	150
248	A novel method for assessing the statistical significance of quantitative reconstructions inferred from biotic assemblages. *Quaternary Science Reviews*, **2011**, 30, 1272-1278	3.9	149
247	Holocene Climate Reconstructions from the Fennoscandian Tree-Line Area Based on Pollen Data from Toskaljavri. *Quaternary Research*, **2002**, 57, 191-199	1.9	149
246	Tracing lake trophic history with a chironomidtotal phosphorus inference model. *Freshwater Biology*, **2001**, 46, 513-533	3.1	145
245	Holocene climatic change reconstructed from diatoms, chironomids, pollen and near-infrared spectroscopy at an alpine lake (Sjuodjijaure) in northern Sweden. *Holocene*, **2001**, 11, 551-562	2.6	142
244	Comparing palaeolimnological and instrumental evidence of climate change for remote mountain lakes over the last 200 years. *Journal of Paleolimnology*, **2002**, 28, 161-179	2.1	138
243	A comparison of altitudinal species richness patterns of bryophytes with other plant groups in Nepal, Central Himalaya. *Journal of Biogeography*, **2007**, 34, 1907-1915	4.1	133
242	Establishing a terrestrial chronological framework as a basis for biostratigraphical comparisons. *Quaternary Science Reviews*, **2001**, 20, 1583-1592	3.9	128
241	Biological responses to rapid climate change at the Younger Dryasholocene transition at Krkenes, western Norway. *Holocene*, **2008**, 18, 19-30	2.6	124
240	A 274-lake calibration data-set and inference model for chironomid-based summer air temperature reconstruction in Europe. *Quaternary Science Reviews*, **2011**, 30, 3445-3456	3.9	121
239	Application of modern pollen/land-use relationships to the interpretation of pollen diagramsreconstructions of land-use history in south Sweden, 3000-0 BP. *Review of Palaeobotany and Palynology*, **1994**, 82, 47-73	1.7	120

238	The Phytogeography of Northern Europe: British Isles, Fennoscandia, and Adjacent Areas **1998**,		118
237	Pollen-based quantitative reconstructions of Holocene regional vegetation cover (plant-functional types and land-cover types) in Europe suitable for climate modelling. *Global Change Biology*, **2015**, 21, 676-97	11.4	116
236	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. *Journal of Biogeography*, **2010**, 37, 752-766	4.1	114
235	Prehistoric increases in the pH of acid-sensitive Swedish lakes caused by land-use changes. *Nature*, **1993**, 362, 824-827	50.4	114
234	Holocene mean July temperature and winter precipitation in western Norvay inferred from palynological and glaciological lake-sediment proxies. *Holocene*, **2005**, 15, 177-189	2.6	112
233	THE IDENTIFICATION OF BETULA NANA POLLEN. *New Phytologist*, **1968**, 67, 309-314	9.8	111
232	Contributions of Quaternary palaeoecology to nature conservation. *Journal of Vegetation Science*, **1996**, 7, 89-98	3.1	106
231	Does pollen-assemblage richness reflect floristic richness? A review of recent developments and future challenges. *Review of Palaeobotany and Palynology*, **2016**, 228, 1-25	1.7	102
230	Validation of climate model-inferred regional temperature change for late-glacial Europe. *Nature Communications*, **2014**, 5, 4914	17.4	101
229	Recent vegetation changes at the high-latitude tree line ecotone are controlled by geomorphological disturbance, productivity and diversity. *Global Ecology and Biogeography*, **2010**, 19, 810-821	6.1	101
228	The altitudinal gradient of vascular plant richness in Aurland, western Norway. *Ecography*, **1999**, 22, 548-566	6.6	101
227	Mind the gap: how open were European primeval forests?. *Trends in Ecology and Evolution*, **2005**, 20, 154-6	10.9	95
226	Holocene vegetation and climate history on a continental-oceanic transect in northern Fennoscandia based on pollen and plant macrofossils. *Boreas*, **2004**, 33, 211-223	2.4	94
225	Postglacial history of alder (Alnus glutinosa (L.) Gaertn.) in the British Isles. *Journal of Quaternary Science*, **1990**, 5, 123-133	2.3	92
224	Climate variability and ecosystem dynamics of remote alpine and arctic lakes: the MOLAR project. *Journal of Paleolimnology*, **2002**, 28, 1-6	2.1	90
223	From Classical to Canonical Ordination. *Developments in Paleoenvironmental Research*, **2012**, 201-248		88
222	Surface-sediment and epilithic diatom pH calibration sets for remote European mountain lakes (AL:PE Project) and their comparison with the Surface Waters Acidification Programme (SWAP) calibration set. *Journal of Paleolimnology*, **1999**, 22, 291-317	2.1	88
221	The Present Flora and Vegetation of the Moraines of the Klutlan Glacier, Yukon Territory, Canada: A Study in Plant Succession ?. *Quaternary Research*, **1980**, 14, 60-86	1.9	88

220	Tree migration-rates: narrowing the gap between inferred post-glacial rates and projected rates. *PLoS ONE*, **2013**, 8, e71797	3.7	88
219	Stay or go how topographic complexity influences alpine plant population and community responses to climate change. *Perspectives in Plant Ecology, Evolution and Systematics*, **2018**, 30, 41-50	3	88
218	Identifying the driving factors behind observed elevational range shifts on European mountains. *Global Ecology and Biogeography*, **2014**, 23, 876-884	6.1	86
217	The impact of the Laacher See Tephra on terrestrial and aquatic ecosystems in the Black Forest, southern germany. *Journal of Quaternary Science*, **1993**, 8, 263-276	2.3	85
216	Orchid species richness along Himalayan elevational gradients. *Journal of Biogeography*, **2011**, 38, 1821-1833	4.3	83
215	Quantifying recent ecological changes in remote lakes of North America and Greenland using sediment diatom assemblages. *PLoS ONE*, **2010**, 5, e10026	3.7	83
214	The Holocene palaeolimnology of Sägistalsee and its environmental history a synthesis. *Journal of Paleolimnology*, **2003**, 30, 333-342	2.1	82
213	Holocene changes in vegetation composition in northern Europe: why quantitative pollen-based vegetation reconstructions matter. *Quaternary Science Reviews*, **2014**, 90, 199-216	3.9	81
212	Quantitative Environmental Reconstructions from Biological Data. *Developments in Paleoenvironmental Research*, **2012**, 431-494		80
211	Estimating the amount of compositional change in late-Quaternary pollen-stratigraphical data. *Vegetation History and Archaeobotany*, **2006**, 16, 197-202	2.6	78
210	Paleoecology. The rise and fall of forests. *Science*, **2004**, 305, 484-5	33.3	77
209	Recent Environmental Change and Human Impact on Svalbard: The Lake-Sediment Geochemical Record. *Journal of Paleolimnology*, **2004**, 31, 515-530	2.1	77
208	The pace of Holocene vegetation change testing for synchronous developments. *Quaternary Science Reviews*, **2011**, 30, 2805-2814	3.9	76
207	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. *Climate of the Past*, **2014**, 10, 21-39	3.9	75
206	A brief history of climate the northern seas from the Last Glacial Maximum to global warming. *Quaternary Science Reviews*, **2014**, 106, 225-246	3.9	72
205	High resolution Lateglacial and early-Holocene summer air temperature records from Scotland inferred from chironomid assemblages. *Quaternary Science Reviews*, **2012**, 41, 67-82	3.9	72
204	The distribution and abundance of chironomids in high-latitude Eurasian lakes with respect to temperature and continentality: development and application of new chironomid-based climate-inference models in northern Russia. *Quaternary Science Reviews*, **2011**, 30, 1122-1141	3.9	72
203	Benthonic foraminiferal distributions and quantitative transfer functions for the northwest European continental margin. *Marine Micropaleontology*, **2004**, 53, 197-226	1.7	72

202	Quaternary palaeoecology and vegetation science□current contributions and possible future developments. *Review of Palaeobotany and Palynology*, **1993**, 79, 153-177	1.7	72
201	Holocene forest development along the Setesdal valley, southern Norway, reconstructed from macrofossil and pollen evidence. *Vegetation History and Archaeobotany*, **2006**, 15, 65-85	2.6	71
200	Palaeolimnological evidence for recent climatic change in lakes from the northern Urals, arctic Russia. *Journal of Paleolimnology*, **2005**, 33, 463-482	2.1	71
199	Late-glacial pollen and diatom changes in response to two different environmental perturbations: volcanic eruption and Younger Dryas cooling. *Journal of Paleolimnology*, **1995**, 14, 23-47	2.1	71
198	Assessing Trends in Fishery Resources and Lake Water Aluminum from Paleolimnological Analyses of Siliceous Algae. *Canadian Journal of Fisheries and Aquatic Sciences*, **1992**, 49, 116-127	2.4	71
197	Biotic homogenization of upland vegetation: patterns and drivers at multiple spatial scales over five decades. *Journal of Vegetation Science*, **2012**, 23, 755-770	3.1	70
196	A comparative ecological study of Norwegian mountain plants in relation to possible future climatic change. *Journal of Biogeography*, **1997**, 24, 127-152	4.1	70
195	Arctic Holocene proxy climate database □new approaches to assessing geochronological accuracy and encoding climate variables. *Climate of the Past*, **2014**, 10, 1605-1631	3.9	69
194	Lake-Sediment Records of Recent Environmental Change on Svalbard: Results of Diatom Analysis. *Journal of Paleolimnology*, **2004**, 31, 445-466	2.1	69
193	The Dynamics of Chironomidae (Insecta: Diptera) Assemblages in Response to Environmental Change during the past 700 years on Svalbard. *Journal of Paleolimnology*, **2004**, 31, 483-498	2.1	68
192	Effect of uneven sampling along an environmental gradient on transfer-function performance. *Journal of Paleolimnology*, **2011**, 46, 99-106	2.1	67
191	Holocene environmental history and climate of R□□j□n, a low-alpine lake in south-central Norway. *Journal of Paleolimnology*, **2005**, 33, 129-153	2.1	67
190	Ecological palaeoecology and conservation biology: controversies, challenges, and compromises. *International Journal of Biodiversity Science, Ecosystem Services & Management*, **2012**, 8, 292-304		66
189	Present-day temperatures in northern Scandinavia during the last glaciation. *Geology*, **2007**, 35, 987	5	66
188	SCALED CHRYSOPHYTES (CHRYSOPHYCEAE AND SYNUROPHYCEAE) FROM ADIRONDACK DRAINAGE LAKES AND THEIR RELATIONSHIP TO ENVIRONMENTAL VARIABLES1. *Journal of Phycology*, **1992**, 28, 162-178	3	66
187	When Did Acid-Sensitive Adirondack Lakes (New York, USA) Begin to Acidify and Are They Still Acidifying?. *Canadian Journal of Fisheries and Aquatic Sciences*, **1994**, 51, 1550-1568	2.4	65
186	Modern Pollen Assemblages and Vegetational History of the Moraines of the Klutlan Glacier and Its Surroundings, Yukon Territory, Canada ?. *Quaternary Research*, **1980**, 14, 101-129	1.9	64
185	Statistical approaches to interpreting diversity patterns in the Norwegian mountain flora. *Ecography*, **1996**, 19, 332-340	6.5	63

184	Numerical analysis of pollen samples from central Canada: A comparison of methods. *Review of Palaeobotany and Palynology*, **1975**, 20, 133-169	1.7	63
183	Spatial structure of the 8200 cal yr BP event in northern Europe. *Climate of the Past*, **2007**, 3, 225-236	3.9	61
182	Quantitative palaeotemperature records inferred from fossil pollen and chironomid assemblages from Lake Gilltjønnen, northern central Sweden. *Journal of Quaternary Science*, **2006**, 21, 831-841	2.3	61
181	How important is plot relocation accuracy when interpreting re-visitation studies of vegetation change?. *Plant Ecology and Diversity*, **2010**, 3, 1-8	2.2	60
180	The importance of pollen and diatom taxonomic precision in quantitative palaeoenvironmental reconstructions. *Review of Palaeobotany and Palynology*, **1994**, 83, 107-117	1.7	60
179	Responses of Diatom and Chrysophyte Assemblages in Lake 227 Sediments to Experimental Eutrophication. *Canadian Journal of Fisheries and Aquatic Sciences*, **1994**, 51, 2300-2311	2.4	60
178	Quantifying the effects of land use and climate on Holocene vegetation in Europe. *Quaternary Science Reviews*, **2017**, 171, 20-37	3.9	58
177	Late Wisconsin Vegetational and Climatic History at Kylen Lake, Northeastern Minnesota1. *Quaternary Research*, **1981**, 16, 322-355	1.9	58
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175	A multi-proxy study of lake-development in response to catchment changes during the Holocene at Lochnagar, north-east Scotland. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2005**, 221, 175-201	2.9	57
174	Diatom responses to late-glacial and early-Holocene environmental changes at Krkenes, western Norway. *Journal of Paleolimnology*, **2000**, 23, 21-34	2.1	57
173	Modern pollenplant richness and diversity relationships exist along a vegetational gradient in southern Norway. *Holocene*, **2016**, 26, 163-175	2.6	56
172	Exploring Holocene continentality changes in Fennoscandia using present and past tree distributions. *Quaternary Science Reviews*, **2008**, 27, 1296-1308	3.9	56
171	Regional climate model simulations for Europe at 6 and 0.2 k BP: sensitivity to changes in anthropogenic deforestation. *Climate of the Past*, **2014**, 10, 661-680	3.9	54
170	Chironomidae (Insecta: Diptera) succession in bieniec bog and its palaeo-lake (central Poland) through the Late Weichselian and Holocene. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2011**, 307, 150-167	2.9	54
169	Aquatic Biota and the Detection of Climate Change: Are there Consistent Aquatic Ecotones?. *Journal of Paleolimnology*, **2006**, 35, 507-518	2.1	54
168	Are cladoceran fossils in lake sediment samples a biased reflection of the communities from which they are derived?. *Journal of Paleolimnology*, **2007**, 38, 157-181	2.1	53
167	Numerical analysis of modern and fossil pollen spectra as a tool for elucidating the nature of fine-scale human activities in boreal areas. *Vegetation History and Archaeobotany*, **1996**, 5, 257	2.6	53

166	Soil Development on Recent End Moraines of the Klutlan Glacier, Yukon Territory, Canada ?. *Quaternary Research*, **1980**, 14, 87-100	1.9	52
165	THE DISTRIBUTION OF EUROPEAN PTERIDOPHYTES: A NUMERICAL ANALYSIS. *New Phytologist*, **1976**, 77, 257-287	9.8	52
164	INWASHED POLLEN SPECTRA AT LOCH FADA, ISLE OF SKYE. *New Phytologist*, **1970**, 69, 807-820	9.8	52
163	Partitioning floristic variance in Norwegian upland grasslands into within-site and between-site components: are the patterns determined by environment or by land-use?. *Plant Ecology*, **2002**, 162, 233-245	1.7	50
162	Glacial legacies on interglacial vegetation at the Pliocene-Pleistocene transition in NE Asia. *Nature Communications*, **2016**, 7, 11967	17.4	50
161	How have studies of ancient DNA from sediments contributed to the reconstruction of Quaternary floras?. *New Phytologist*, **2016**, 209, 499-506	9.8	49
160	Fine-scale changes in vegetation composition in a boreal mire over 50 years. *Journal of Ecology*, **2011**, 99, 1179-1189	6	49
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158	AN INTERGLACIAL PEAT AT FUGLA NESS, SHETLAND. *New Phytologist*, **1969**, 68, 777-796	9.8	49
157	Holocene land-cover changes on the Tibetan Plateau. *Holocene*, **2010**, 20, 91-104	2.6	48
156	The environmental impact of the Minoan eruption of Santorini (Thera): statistical analysis of palaeoecological data from Golbisar, southwest Turkey. *Holocene*, **2002**, 12, 431-444	2.6	48
155	From cold to cool in northernmost Norway: Lateglacial and early Holocene multi-proxy environmental and climate reconstructions from Jansvatnet, Hammerfest. *Quaternary Science Reviews*, **2012**, 33, 100-120	3.9	47
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152	Diatom-based water chemistry reconstructions from northern Sweden: a comparison of reconstruction techniques. *Journal of Paleolimnology*, **1996**, 15, 65	2.1	46
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150	4 ℃ and beyond: what did this mean for biodiversity in the past?. *Systematics and Biodiversity*, **2010**, 8, 3-9	1.7	45
149	Chironomid-inferred late-glacial summer air temperatures from Lough Nadourcan, Co. Donegal, Ireland. *Journal of Quaternary Science*, **2010**, 25, 1200-1210	2.3	45

148	Recent Environmental Change and Atmospheric Contamination on Svalbard as Recorded in Lake Sediments Synthesis and General Conclusions. *Journal of Paleolimnology*, **2004**, 31, 531-546	2.1	45
147	Identification of Picea pollen of Late Quaternary age in eastern North America: a numerical approach. *Canadian Journal of Botany*, **1980**, 58, 2043-2058		45
146	Quantitative summer-temperature reconstructions for the last 2000 years based on pollen-stratigraphical data from northern Fennoscandia. *Journal of Paleolimnology*, **2009**, 41, 43-56	2.1	44
145	Holocene palaeoclimate reconstructions at Vanndalsvatnet, western Norway, with particular reference to the 8200 cal. yr BP event. *Holocene*, **2006**, 16, 717-729	2.6	44
144	Long-Term Effects of Reclamation Treatments on Plant Succession in Iceland. *Restoration Ecology*, **2004**, 12, 268-278	3.1	44
143	Effects of within-lake variability of fossil assemblages on quantitative chironomid-inferred temperature reconstruction. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2003**, 199, 95-106	2.9	43
142	Did tree-Betula, Pinus and Picea survive the last glaciation along the west coast of Norway? A review of the evidence, in light of Kullman (2002). *Journal of Biogeography*, **2005**, 32, 1461-1471	4.1	43
141	Ecological memory at millennial time-scales: the importance of data constraints, species longevity and niche features. *Ecography*, **2020**, 43, 1-10	6.5	43
140	Recent and possible future mathematical developments in quantitative palaeoecology. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **1985**, 50, 107-147	2.9	41
139	Contributions of Quaternary botany to modern ecology and biogeography. *Plant Ecology and Diversity*, **2019**, 12, 189-385	2.2	41
138	The Diatoms: Applications for the Environmental and Earth Sciences23-54		40
137	Holocene vegetation dynamics and inferred climate changes at Svan atnet, Mo i Rana, northern Norway. *Boreas*, **2008**, 37, 146-156	2.4	40
136	Comment on "Glacial Survival of Boreal Trees in Northern Scandinavia". *Science*, **2012**, 338, 742-742	33.3	39
135	Briksdalsbreen, western Norway: climatic effects on the terminal response of a temperate glacier between AD 1901 and 1994. *Holocene*, **1995**, 5, 343-347	2.6	39
134	Assessing the representativeness of nature reserves using multivariate analysis: Vascular plants and breeding birds in deciduous forests, western Norway. *Biological Conservation*, **1993**, 65, 121-132	6.2	39
133	Challenges in the presentation and analysis of plant-macrofossil stratigraphical data. *Vegetation History and Archaeobotany*, **2014**, 23, 309-330	2.6	38
132	Driving forces of mid-Holocene vegetation shifts on the upper Tibetan Plateau, with emphasis on changes in atmospheric CO2 concentrations. *Quaternary Science Reviews*, **2011**, 30, 1907-1917	3.9	38
131	Evaluating the indicator value of Tibetan pollen taxa for modern vegetation and climate. *Review of Palaeobotany and Palynology*, **2010**, 160, 197-208	1.7	38

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129	Quantification of UV-B flux through time using UV-B-absorbing compounds contained in fossil Pinus sporopollenin. *New Phytologist*, **2011**, 192, 553-60	9.8	36
128	Variability in thermal and UV-B energy fluxes through time and their influence on plant diversity and speciation. *Journal of Biogeography*, **2009**, 36, 1630-1644	4.1	36
127	Holocene pollen stratigraphy of southern Sweden: a reappraisal using numerical methods. *Boreas*, **2008**, 8, 257-279	2.4	36
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