H John B Birks

List of Publications by Year
in descending order

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291 papers	26,994 citations	4658 85 h-index	7745 150 g-index
303 all docs	303 docs citations	303 times ranked	16338 citing authors

#	Article	IF	Citations
1	Holocene moisture evolution in arid central Asia and its out-of-phase relationship with Asian monsoon history. Quaternary Science Reviews, 2008, 27, 351-364.	3.0	967
2	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, 4397-4402.	7.1	828
3	Title is missing!. Journal of Paleolimnology, 1998, 20, 307-332.	1.6	785
4	Recent Warming Reverses Long-Term Arctic Cooling. Science, 2009, 325, 1236-1239.	12.6	585
5	Agroforestry: a refuge for tropical biodiversity?. Trends in Ecology and Evolution, 2008, 23, 261-267.	8.7	540
6	What Is Natural? The Need for a Long-Term Perspective in Biodiversity Conservation. Science, 2006, 314, 1261-1265.	12.6	539
7	East Asian summer monsoon precipitation variability since the last deglaciation. Scientific Reports, 2015, 5, 11186.	3.3	534
8	Title is missing!. Journal of Paleolimnology, 1997, 18, 395-420.	1.6	465
9	Chironomid-inferred air temperatures from Lateglacial and Holocene sites in north-west Europe: progress and problems. Quaternary Science Reviews, 2001, 20, 1723-1741.	3.0	344
10	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.	1.7	333
11	The intercept is a poor estimate of a calibrated radiocarbon age. Holocene, 2004, 14, 296-298.	1.7	327
12	Alpines, trees, and refugia in Europe. Plant Ecology and Diversity, 2008, 1, 147-160.	2.4	318
13	An Assessment of Chironomidae as Quantitative Indicators of Past Climatic Change. Canadian Journal of Fisheries and Aquatic Sciences, 1991, 48, 975-987.	1.4	311
14	Recent increases in species richness and shifts in altitudinal distributions of Norwegian mountain plants. Holocene, 2003, 13, 1-6.	1.7	310
15	Strengths and Weaknesses of Quantitative Climate Reconstructions Based on Late-Quaternary Biological Proxies. Open Ecology Journal, 2011, 3, 68-110.	2.0	298
16	Holocene Isochrone Maps and Patterns of Tree-Spreading in the British Isles. Journal of Biogeography, 1989, 16, 503.	3.0	297
17	Biodiversity baselines, thresholds and resilience: testing predictions and assumptions using palaeoecological data. Trends in Ecology and Evolution, 2010, 25, 583-591.	8.7	297
18	Multi-proxy studies in palaeolimnology. Vegetation History and Archaeobotany, 2006, 15, 235-251.	2.1	294

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19	All ageâ€“depth models are wrong: but how badly?. Quaternary Science Reviews, 2004, 23, 1-5.	3.0	274
20	Relationships between calibrated ages and depth in stratigraphical sequences: an estimation procedure by mixed-effect regression. Holocene, 2005, 15, 612-618.	1.7	269
21	Title is missing!. Journal of Paleolimnology, 2000, 23, 91-114.	1.6	257
22	Topographyâ€driven isolation, speciation and a global increase of endemism with elevation. Global Ecology and Biogeography, 2016, 25, 1097-1107.	5.8	243
23	Last nine-thousand years of temperature variability in Northern Europe. Climate of the Past, 2009, 5, 523-535.	3.4	238
24	The secret assumption of transfer functions: problems with spatial autocorrelation in evaluating model performance. Quaternary Science Reviews, 2005, 24, 2173-2179.	3.0	226
25	Title is missing!. Journal of Paleolimnology, 2000, 23, 77-89.	1.6	221
26	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.	1.6	220
27	Quantification of biotic responses to rapid climatic changes around the Younger Dryas â€” a synthesis. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 159, 313-347.	2.3	215
28	Holocene land-cover reconstructions for studies on land cover-climate feedbacks. Climate of the Past, 2010, 6, 483-499.	3.4	214
29	Younger Dryas and AllerÃ¸d summer temperatures at Gerzensee (Switzerland) inferred from fossil pollen and cladoceran assemblages. Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 159, 349-361.	2.3	213
30	Looking forward through the past: identification of 50 priority research questions in palaeoecology. Journal of Ecology, 2014, 102, 256-267.	4.0	212
31	Evaluation of transfer functions in spatially structured environments. Quaternary Science Reviews, 2009, 28, 1309-1316.	3.0	201
32	Quantitative multiproxy assessment of long-term patterns of Holocene environmental change from a small lake near Abisko, northern Sweden. Holocene, 2002, 12, 481-496.	1.7	200
33	Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across <scp>N</scp>orthern <scp>E</scp>urope. Global Change Biology, 2013, 19, 1470-1481.	9.5	200
34	NUMERICAL METHODS IN QUATERNARY PALAEOECOLOGY I. ZONATION OF POLLEN DIAGRAMS. New Phytologist, 1972, 71, 961-979.	7.3	199
35	Title is missing!. Journal of Paleolimnology, 1998, 19, 443-463.	1.6	195
36	Dispersal Limitations Matter for Microbial Morphospecies. Science, 2006, 312, 1015-1015.	12.6	195

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37	A novel method for assessing the statistical significance of quantitative reconstructions inferred from biotic assemblages. Quaternary Science Reviews, 2011, 30, 1272-1278.	3.0	188
38	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.	1.4	185
39	An expanded calibration model for inferring lakewater and air temperatures from fossil chironomid assemblages in northern Fennoscandia. Holocene, 1999, 9, 279-294.	1.7	184
40	Holocene changes in atmospheric circulation recorded in the oxygen-isotope stratigraphy of lacustrine carbonates from northern Sweden. Holocene, 2002, 12, 339-351.	1.7	179
41	Lateâ€Wisconsinan Vegetational History at Wolf Creek, Central Minnesota. Ecological Monographs, 1976, 46, 395-429.	5.4	178
42	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.	4.1	175
43	Chironomids as a tool for inferring Holocene climate: an assessment based on six sites in southern Scandinavia. Quaternary Science Reviews, 2005, 24, 1429-1462.	3.0	174
44	Tracing lake trophic history with a chironomid-total phosphorus inference model. Freshwater Biology, 2001, 46, 513-533.	2.4	172
45	Title is missing!. Journal of Paleolimnology, 2002, 28, 161-179.	1.6	169
46	Holocene Climate Reconstructions from the Fennoscandian Tree-Line Area Based on Pollen Data from Toskaljavri. Quaternary Research, 2002, 57, 191-199.	1.7	165
47	A modern pollen-climate calibration set from northern Europe: developing and testing a tool for palaeoclimatological reconstructions. Journal of Biogeography, 2004, 31, 251-267.	3.0	163
48	Pollenâ€based quantitative reconstructions of Holocene regional vegetation cover (plantâ€functional) Tj ETQq0 0 0 rgBT /Overlock 10 T 676-697.	9.5	161
49	A comparison of altitudinal species richness patterns of bryophytes with other plant groups in Nepal, Central Himalaya. Journal of Biogeography, 2007, 34, 1907-1915.	3.0	157
50	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.	1.7	153
51	Does pollen-assemblage richness reflect floristic richness? A review of recent developments and future challenges. Review of Palaeobotany and Palynology, 2016, 228, 1-25.	1.5	152
52	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.	3.0	144
53	Establishing a terrestrial chronological framework as a basis for biostratigraphical comparisons. Quaternary Science Reviews, 2001, 20, 1583-1592.	3.0	143
54	Stay or go â€“ how topographic complexity influences alpine plant population and community responses to climate change. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 30, 41-50.	2.7	141

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55	Application of modern pollen/land-use relationships to the interpretation of pollen diagramsâ€"reconstructions of land-use history in south Sweden, 3000-0 BP. Review of Palaeobotany and Palynology, 1994, 82, 47-73.	1.5	138
56	A modern pollenâ€"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.	3.0	138
57	Biological responses to rapid climate change at the Younger Dryasâ€"Holocene transition at KrÃ¥kenes, western Norway. Holocene, 2008, 18, 19-30.	1.7	135
58	Holocene mean July temperature and winter precipitation in western Norvay inferred from palynological and glaciological lake-sediment proxies. Holocene, 2005, 15, 177-189.	1.7	132
59	Validation of climate model-inferred regional temperature change for late-glacial Europe. Nature Communications, 2014, 5, 4914.	12.8	129
60	Prehistoric increases in the pH of acid-sensitive Swedish lakes caused by land-use changes. Nature, 1993, 362, 824-827.	27.8	128
61	The altitudinal gradient of vascular plant richness in Aurland, western Norway. Ecography, 1999, 22, 548-566.	4.5	126
62	Contributions of Quaternary palaeoecology to nature conservation. Journal of Vegetation Science, 1996, 7, 89-98.	2.2	125
63	THE IDENTIFICATION OF BETULA NANA POLLEN. New Phytologist, 1968, 67, 309-314.	7.3	121
64	Title is missing!. Journal of Paleolimnology, 1999, 22, 291-317.	1.6	119
65	Climate variability and ecosystem dynamics of remote alpine and arctic lakes: the MOLAR project. Journal of Paleolimnology, 2002, 28, 1-6.	1.6	118
66	Recent vegetation changes at the highâ€latitude tree line ecotone are controlled by geomorphological disturbance, productivity and diversity. Global Ecology and Biogeography, 2010, 19, 810-821.	5.8	118
67	Mind the gap: how open were European primeval forests?. Trends in Ecology and Evolution, 2005, 20, 154-156.	8.7	117
68	Orchid species richness along Himalayan elevational gradients. Journal of Biogeography, 2011, 38, 1821-1833.	3.0	117
69	From Classical to Canonical Ordination. Developments in Paleoenvironmental Research, 2012, , 201-248.	8.0	112
70	Holocene changes in vegetation composition in northern Europe: why quantitative pollen-based vegetation reconstructions matter. Quaternary Science Reviews, 2014, 90, 199-216.	3.0	112
71	Identifying the driving factors behind observed elevational range shifts on <scp>E</scp>uropean mountains. Global Ecology and Biogeography, 2014, 23, 876-884.	5.8	110
72	Tree Migration-Rates: Narrowing the Gap between Inferred Post-Glacial Rates and Projected Rates. PLoS ONE, 2013, 8, e71797.	2.5	110

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73	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.	1.7	106
74	Arctic Holocene proxy climate database â€“ new approaches to assessing geochronological accuracy and encoding climate variables. Climate of the Past, 2014, 10, 1605-1631.	3.4	105
75	Contributions of Quaternary botany to modern ecology and biogeography. Plant Ecology and Diversity, 2019, 12, 189-385.	2.4	103
76	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	103
77	Quantitative Environmental Reconstructions from Biological Data. Developments in Paleoenvironmental Research, 2012, , 431-494.	8.0	100
78	Postglacial history of alder (Alnus glutinosa (L.) Gaertn.) in the British Isles. Journal of Quaternary Science, 1990, 5, 123-133.	2.1	99
79	Quantitative reconstruction of precipitation changes on the NE Tibetan Plateau since the Last Glacial Maximum â€“ extending the concept of pollen source area to pollen-based climate reconstructions from large lakes. Climate of the Past, 2014, 10, 21-39.	3.4	99
80	Quantifying Recent Ecological Changes in Remote Lakes of North America and Greenland Using Sediment Diatom Assemblages. PLoS ONE, 2010, 5, e10026.	2.5	98
81	Quantifying the effects of land use and climate on Holocene vegetation in Europe. Quaternary Science Reviews, 2017, 171, 20-37.	3.0	97
82	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.	2.1	95
83	Recent Environmental Change and Human Impact on Svalbard: The Lake-Sediment Geochemical Record. Journal of Paleolimnology, 2004, 31, 515-530.	1.6	94
84	PALEOECOLOGY: The Rise and Fall of Forests. Science, 2004, 305, 484-485.	12.6	90
85	Estimating the amount of compositional change in late-Quaternary pollen-stratigraphical data. Vegetation History and Archaeobotany, 2006, 16, 197-202.	2.1	89
86	The pace of Holocene vegetation change â€“ testing for synchronous developments. Quaternary Science Reviews, 2011, 30, 2805-2814.	3.0	88
87	Quaternary palaeoecology and vegetation scienceâ€" current contributions and possible future developments. Review of Palaeobotany and Palynology, 1993, 79, 153-177.	1.5	87
88	Biotic homogenization of upland vegetation: patterns and drivers at multiple spatial scales over five decades. Journal of Vegetation Science, 2012, 23, 755-770.	2.2	87
89	The Holocene palaeolimnology of SÃgistalsee and its environmental history â€“ a synthesis. Journal of Paleolimnology, 2003, 30, 333-342.	1.6	86
90	Benthonic foraminiferal distributions and quantitative transfer functions for the northwest European continental margin. Marine Micropaleontology, 2004, 53, 197-226.	1.2	86

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91	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.	1.6	86
92	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.	1.6	85
93	A brief history of climate â€“ the northern seas from the Last Glacial Maximum to global warming. Quaternary Science Reviews, 2014, 106, 225-246.	3.0	85
94	Ecological palaeoecology and conservation biology: controversies, challenges, and compromises. International Journal of Biodiversity Science, Ecosystem Services & Management, 2012, 8, 292-304.	2.9	84
95	High resolution Lateglacial and early-Holocene summer air temperature records from Scotland inferred from chironomid assemblages. Quaternary Science Reviews, 2012, 41, 67-82.	3.0	84
96	Lake-Sediment Records of Recent Environmental Change on Svalbard: Results of Diatom Analysis. Journal of Paleolimnology, 2004, 31, 445-466.	1.6	83
97	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.	1.4	81
98	Glacial legacies on interglacial vegetation at the Pliocene-Pleistocene transition in NE Asia. Nature Communications, 2016, 7, 11967.	12.8	81
99	The human dimension of biodiversity changes on islands. Science, 2021, 372, 488-491.	12.6	81
100	A comparative ecological study of Norwegian mountain plants in relation to possible future climatic change. Journal of Biogeography, 1997, 24, 127-152.	3.0	80
101	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.	3.0	80
102	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.	1.7	79
103	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.	1.4	79
104	SCALED CHRYSOPHYTES (CHRYSOPHYCEAE AND SYNUROPHYCEAE) FROM ADIRONDACK DRAINAGE LAKES AND THEIR RELATIONSHIP TO ENVIRONMENTAL VARIABLES1. Journal of Phycology, 1992, 28, 162-178.	2.3	79
105	Palaeolimnological evidence for recent climatic change in lakes from the northern Urals, arctic Russia. Journal of Paleolimnology, 2005, 33, 463-482.	1.6	79
106	Present-day temperatures in northern Scandinavia during the last glaciation. Geology, 2007, 35, 987.	4.4	77
107	The importance of pollen and diatom taxonomic precision in quantitative palaeoenvironmental reconstructions. Review of Palaeobotany and Palynology, 1994, 83, 107-117.	1.5	76
108	Holocene environmental history and climate of Rï¿½tï¿½sjï¿½en, a low-alpine lake in south-central Norway. Journal of Paleolimnology, 2005, 33, 129-153.	1.6	75

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109	Holocene forest development along the Setesdal valley, southern Norway, reconstructed from macrofossil and pollen evidence. Vegetation History and Archaeobotany, 2006, 15, 65-85.	2.1	75
110	Modern pollenâ€“plant richness and diversity relationships exist along a vegetational gradient in southern Norway. Holocene, 2016, 26, 163-175.	1.7	75
111	Soil Development on Recent End Moraines of the Klutlan Glacier, Yukon Territory, Canada. Quaternary Research, 1980, 14, 87-100.	1.7	74
112	How have studies of ancient <scp>DNA</scp> from sediments contributed to the reconstruction ofÂQuaternary floras?. New Phytologist, 2016, 209, 499-506.	7.3	74
113	Evolution of vegetation and climate variability on the Tibetan Plateau over the past 1.74 million years. Science Advances, 2020, 6, eaay6193.	10.3	74
114	Title is missing!. Journal of Paleolimnology, 2000, 23, 21-34.	1.6	73
115	Spatial structure of the 8200 cal yr BP event in northern Europe. Climate of the Past, 2007, 3, 225-236.	3.4	71
116	Effect of uneven sampling along an environmental gradient on transfer-function performance. Journal of Paleolimnology, 2011, 46, 99-106.	1.6	71
117	Statistical approaches to interpreting diversity patterns in the Norwegian mountain flora. Ecography, 1996, 19, 332-340.	4.5	70
118	Quantitative palaeotemperature records inferred from fossil pollen and chironomid assemblages from Lake GilltjÃrnen, northern central Sweden. Journal of Quaternary Science, 2006, 21, 831-841.	2.1	69
119	Responses of Diatom and Chrysophyte Assemblages in Lake 227 Sediments to Experimental Eutrophication. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 2300-2311.	1.4	68
120	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.	3.4	68
121	Ecological memory at millennial timeâ€scales: the importance of data constraints, species longevity and niche features. Ecography, 2020, 43, 1-10.	4.5	68
122	Numerical analysis of pollen samples from central Canada: A comparison of methods. Review of Palaeobotany and Palynology, 1975, 20, 133-169.	1.5	67
123	Late Wisconsin Vegetational and Climatic History at Kylen Lake, Northeastern Minnesota. Quaternary Research, 1981, 16, 322-355.	1.7	67
124	Diatom-based water chemistry reconstructions from northern Sweden: a comparison of reconstruction techniques. Journal of Paleolimnology, 1996, 15, 65.	1.6	67
125	How important is plot relocation accuracy when interpreting re-visitation studies of vegetation change?. Plant Ecology and Diversity, 2010, 3, 1-8.	2.4	67
126	Chironomidae (Insecta: Diptera) succession in Å»abieniec bog and its palaeo-lake (central Poland) through the Late Weichselian and Holocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 307, 150-167.	2.3	67

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127	Predicting changes in Fennoscandian vascular-plant species richness as a result of future climatic change. Journal of Biogeography, 1998, 25, 111-112.	3.0	64
128	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.	1.6	63
129	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.	2.1	62
130	The environmental impact of the Minoan eruption of Santorini (Thera): statistical analysis of palaeoecological data from Golbisar, southwest Turkey. Holocene, 2002, 12, 431-444.	1.7	62
131	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.	2.3	62
132	Holocene land-cover changes on the Tibetan Plateau. Holocene, 2010, 20, 91-104.	1.7	62
133	Exploring Holocene continentality changes in Fennoscandia using present and past tree distributions. Quaternary Science Reviews, 2008, 27, 1296-1308.	3.0	61
134	Aquatic Biota and the Detection of Climate Change: Are there Consistent Aquatic Ecotones?. Journal of Paleolimnology, 2006, 35, 507-518.	1.6	59
135	Recent Environmental Change and Atmospheric Contamination on Svalbard as Recorded in Lake Sediments â€“ Synthesis and General Conclusions. Journal of Paleolimnology, 2004, 31, 531-546.	1.6	58
136	THE DISTRIBUTION OF EUROPEAN PTERIDOPHYTES: A NUMERICAL ANALYSIS. New Phytologist, 1976, 77, 257-287.	7.3	57
137	Title is missing!. Plant Ecology, 2002, 162, 233-245.	1.6	57
138	Fine-scale changes in vegetation composition in a boreal mire over 50â€ƒyears. Journal of Ecology, 2011, 99, 1179-1189.	4.0	57
139	A new approach for reconstructing glacier variability based on lake sediments recording input from more than one glacier. Quaternary Research, 2012, 77, 192-204.	1.7	57
140	INWASHED POLLEN SPECTRA AT LOCH FADA, ISLE OF SKYE. New Phytologist, 1970, 69, 807-820.	7.3	56
141	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.	3.0	56
142	Modern pollen rain and vegetation of the St. Elias Mountains, Yukon Territory. Canadian Journal of Botany, 1977, 55, 2367-2382.	1.1	54
143	Plant species richness in Fennoscandia: evaluating the relative importance of climate and history. Nordic Journal of Botany, 1999, 19, 489-503.	0.5	54
144	Identification of Picea pollen of Late Quaternary age in eastern North America: a numerical approach. Canadian Journal of Botany, 1980, 58, 2043-2058.	1.1	52

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145	Effects of within-lake variability of fossil assemblages on quantitative chironomid-inferred temperature reconstruction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 199, 95-106.	2.3	52
146	Long-Term Effects of Reclamation Treatments on Plant Succession in Iceland. Restoration Ecology, 2004, 12, 268-278.	2.9	52
147	Numerical methods for the analysis of diatom assemblage data. , 2010, , 23-54.		52
148	Recent and possible future mathematical developments in quantitative palaeoecology. Palaeogeography, Palaeoclimatology, Palaeoecology, 1985, 50, 107-147.	2.3	51
149	AN INTERGLACIAL PEAT AT FUGLA NESS, SHETLAND. New Phytologist, 1969, 68, 777-796.	7.3	50
150	Holocene palaeoclimate reconstructions at Vanndalsvatnet, western Norway, with particular reference to the 8200 cal. yr BP event. Holocene, 2006, 16, 717-729.	1.7	50
151	4 Â°C and beyond: what did this mean for biodiversity in the past?. Systematics and Biodiversity, 2010, 8, 3-9.	1.2	50
152	Regional consistency in Lateglacial chironomid-inferred temperatures from five sites in north-west England. Quaternary Science Reviews, 2010, 29, 1528-1538.	3.0	50
153	Chironomidâ€inferred lateâ€glacial summer air temperatures from Lough Nadourcan, Co. Donegal, Ireland. Journal of Quaternary Science, 2010, 25, 1200-1210.	2.1	49
154	Did treeâ€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.	3.0	48
155	One hundred years of Quaternary pollen analysis 1916â€“2016. Vegetation History and Archaeobotany, 2018, 27, 271-309.	2.1	48
156	Variability in thermal and UVâ€B energy fluxes through time and their influence on plant diversity and speciation. Journal of Biogeography, 2009, 36, 1630-1644.	3.0	47
157	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.	3.0	47
158	Comment on â€œGlacial Survival of Boreal Trees in Northern Scandinaviaâ€• Science, 2012, 338, 742-742.	12.6	47
159	A North European pollenâ€“climate calibration set: analysing the climatic responses of a biological proxy using novel regression tree methods. Quaternary Science Reviews, 2012, 45, 95-110.	3.0	47
160	Challenges in the presentation and analysis of plant-macrofossil stratigraphical data. Vegetation History and Archaeobotany, 2014, 23, 309-330.	2.1	47
161	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.	4.1	46
162	Quantitative summer-temperature reconstructions for the last 2000Âyears based on pollen-stratigraphical data from northern Fennoscandia. Journal of Paleolimnology, 2009, 41, 43-56.	1.6	46

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163	Quantification of UV-B flux through time using UV-B-absorbing compounds contained in fossil Pinus sporopollenin. New Phytologist, 2011, 192, 553-560.	7.3	46
164	Evaluating the indicator value of Tibetan pollen taxa for modern vegetation and climate. Review of Palaeobotany and Palynology, 2010, 160, 197-208.	1.5	45
165	Briksdalsbreen, western Norway: climatic effects on the terminal response of a temperate glacier between AD 1901 and 1994. Holocene, 1995, 5, 343-347.	1.7	43
166	Recent Environmental Change and Atmospheric Contamination on Svalbard as Recorded in Lake Sediments â€“ an Introduction. Journal of Paleolimnology, 2004, 31, 403-410.	1.6	43
167	Holocene pollen stratigraphy of southern Sweden: a reappraisal using numerical methods. Boreas, 1979, 8, 257-279.	2.4	43
168	Composition and formation of laminated sediments in Diss Mere, Norfolk, England. Boreas, 1984, 13, 13-28.	2.4	43
169	Holocene vegetation dynamics and inferred climate changes at SvanÃ¥vatnet, Mo i Rana, northern Norway. Boreas, 2008, 37, 146-156.	2.4	41
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