H John B Birks

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5215867/publications.pdf

Version: 2024-02-01

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	Temperature reconstructions for the last 1.74-Ma on the eastern Tibetan Plateau based on a novel pollen-based quantitative method. Global and Planetary Change, 2021, 199, 103433.	3.5	13
2	The human dimension of biodiversity changes on islands. Science, 2021, 372, 488-491.	12.6	81
3	Rate-of-change analysis in paleoecology revisited: A new approach. Review of Palaeobotany and Palynology, 2021, 293, 104483.	1.5	23
4	Compositional turnover and variation in Eemian pollen sequences in Europe. Vegetation History and Archaeobotany, 2020, 29, 101-109.	2.1	20
5	Ecological memory at millennial timeâ€scales: the importance of data constraints, species longevity and niche features. Ecography, 2020, 43, 1-10.	4.5	68
6	Angiosperms versus gymnosperms in the Cretaceous. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30879-30881.	7.1	5
7	Transgressive events since the Late Pleistocene in the Yellow River Delta: Grainâ€size distribution and Palynological results. Acta Geologica Sinica, 2020, 94, 1194.	1.4	1
8	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
9	Reflections on the Use of Ecological Attributes and Traits in Quaternary Botany. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	15
10	Chemical variations in Quercus pollen as a tool for taxonomic identification: Implications for longâ€term ecological and biogeographical research. Journal of Biogeography, 2020, 47, 1298-1309.	3.0	17
11	distantia: an openâ€source toolset to quantify dissimilarity between multivariate ecological timeâ€series. Ecography, 2020, 43, 660-667.	4.5	10
12	Patterns of modern pollen and plant richness across northern Europe. Journal of Ecology, 2019, 107, 1662-1677.	4.0	40
13	Contributions of Quaternary botany to modern ecology and biogeography. Plant Ecology and Diversity, 2019, 12, 189-385.	2.4	103
14	Paleoecology. , 2019, , 494-504.		4
15	Modern pollen assemblages and their relationships to vegetation and climate in the Lhasa Valley, Tibetan Plateau, China. Quaternary International, 2018, 467, 210-221.	1.5	24
16	One hundred years of Quaternary pollen analysis 1916â€“2016. Vegetation History and Archaeobotany, 2018, 27, 271-309.	2.1	48
17	Are diversity trends in western Scandinavia influenced by postâ€glacial dispersal limitation?. Journal of Vegetation Science, 2018, 29, 360-370.	2.2	14
18	â€œThink horizontally, act verticallyâ€: the centenary (1916â€“2016) of pollen analysis and the legacy of Lennart von Post. Vegetation History and Archaeobotany, 2018, 27, 267-269.	2.1	10

#	Article	IF	Citations
19	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
20	Quantifying the effects of land use and climate on Holocene vegetation in Europe. Quaternary Science Reviews, 2017, 171, 20-37.	3.0	97
21	A novel procedure for pollen-based quantitative paleoclimate reconstructions and its application in China. Science China Earth Sciences, 2017, 60, 2059-2066.	5.2	29
22	Testing the effect of the Himalayan mountains as a physical barrier to gene flow in Hippophae tibetana Schlect. (Elaeagnaceae). PLoS ONE, 2017, 12, e0172948.	2.5	17
23	Topographyâ€driven isolation, speciation and a global increase of endemism with elevation. Global Ecology and Biogeography, 2016, 25, 1097-1107.	5.8	243
24	Glacial legacies on interglacial vegetation at the Pliocene-Pleistocene transition in NE Asia. Nature Communications, 2016, 7, 11967.	12.8	81
25	Detecting patterns of change in a long pollen-stratigraphical sequence from Funza, Colombia â€“ A comparison of new and traditional numerical approaches. Review of Palaeobotany and Palynology, 2016, 234, 94-109.	1.5	11
26	How foreign is the past?. Nature, 2016, 538, E1-E2.	27.8	3
27	The fourth dimension of vegetation. Science, 2016, 354, 412-413.	12.6	29
28	Modern pollenâ€“plant richness and diversity relationships exist along a vegetational gradient in southern Norway. Holocene, 2016, 26, 163-175.	1.7	75
29	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
30	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
31	Kohonen Artificial Neural Networks and the IndVal Index as Supplementary Tools for the Quantitative Analysis of Palaeoecological Data. Geochronometria, 2015, 42, .	0.8	6
32	Disjunct populations of <scp>E</scp>uropean vascular plant species keep the same climatic niches. Global Ecology and Biogeography, 2015, 24, 1401-1412.	5.8	39
33	Alpine biodiversity and refugia in a changing climate. Biodiversity, 2015, 16, 193-195.	1.1	9
34	Some reflections on the refugium concept and its terminology in historical biogeography, contemporary ecology and global-change biology. Biodiversity, 2015, 16, 196-212.	1.1	32
35	East Asian summer monsoon precipitation variability since the last deglaciation. Scientific Reports, 2015, 5, 11186.	3.3	534
36	Stability of alpine vegetation over 50 years in central Norway. Folia Geobotanica, 2015, 50, 39-48.	0.9	6

#	Article	IF	Citations
37	Pollenâ€based quantitative reconstructions of Holocene regional vegetation cover (plantâ€functional) Tj ETQq1 1 0.784314 rgBT /Overl 676-697.	9.5	161
38	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
39	Microrefugia and Shifts of Hippophae tibetana (Elaeagnaceae) on the North Side of Mt. Qomolangma (Mt. Everest) during the Last 25000 Years. PLoS ONE, 2014, 9, e97601.	2.5	2
40	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
41	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
42	To what extent did changes in July temperature influence Lateglacial vegetation patterns in NW Europe?. Quaternary Science Reviews, 2014, 106, 262-277.	3.0	40
43	Looking forward through the past: identification of 50 priority research questions in palaeoecology. Journal of Ecology, 2014, 102, 256-267.	4.0	212
44	Validation of climate model-inferred regional temperature change for late-glacial Europe. Nature Communications, 2014, 5, 4914.	12.8	129
45	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
46	A diverse scientific life. Journal of Paleolimnology, 2014, 51, 113-137.	1.6	5
47	Revisiting tree-migration rates: Abies alba (Mill.), a case study. Vegetation History and Archaeobotany, 2014, 23, 113-122.	2.1	30
48	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
49	Reconstructing palaeoclimatic variables from fossil pollen using boosted regression trees: comparison and synthesis with other quantitative reconstruction methods. Quaternary Science Reviews, 2014, 88, 69-81.	3.0	36
50	The relationship between vegetation composition, vegetation zones and modern pollen assemblages in Setesdal, southern Norway. Holocene, 2014, 24, 985-1001.	1.7	29
51	Aquatic ecotonesâ€"new insights from Arctic Canada. Journal of Phycology, 2014, 50, 607-609.	2.3	3
52	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
53	A comparison of novel and traditional numerical methods for the analysis of modern pollen assemblages from major vegetationâ€"landform types. Review of Palaeobotany and Palynology, 2014, 210, 22-36.	1.5	20
54	Challenges in the presentation and analysis of plant-macrofossil stratigraphical data. Vegetation History and Archaeobotany, 2014, 23, 309-330.	2.1	47

#	Article	IF	Citations
55	Creating spatially continuous maps of past land cover from point estimates: A new statistical approach applied to pollen data. Ecological Complexity, 2014, 20, 127-141.	2.9	31
56	Lateglacial and early-Holocene climate variability reconstructed from multi-proxy records on AndÃ¸ya, northern Norway. Quaternary Science Reviews, 2014, 89, 108-122.	3.0	22
57	Rick Battarbee and his many contributions to palaeolimnology. Journal of Paleolimnology, 2013, 49, 313-332.	1.6	2
58	â€˜Diatoms and pH reconstructionâ€™ (1990) revisited. Journal of Paleolimnology, 2013, 49, 363-371.	1.6	36
59	The Fagus sylvatica forests in the Larvik region, south-eastern Norway: their origin and history. Vegetation History and Archaeobotany, 2013, 22, 215-229.	2.1	14
60	Pollenâ€based palaeoclimate reconstructions over long glacialâ€“interglacial timescales: methodological tests based on the Holocene and <scp>MIS</scp> 5dâ€“c deposits at Sokli, northern Finland. Journal of Quaternary Science, 2013, 28, 271-282.	2.1	26
61	Siberian larch forests and the ion content of thaw lakes form a geochemically functional entity. Nature Communications, 2013, 4, 2408.	12.8	36
62	Diatom flickering prior to regime shift. Nature, 2013, 498, E11-E12.	27.8	28
63	Long-term vegetation stability in northern Europe as assessed by changes in species co-occurrences. Plant Ecology and Diversity, 2013, 6, 289-302.	2.4	11
64	The effect of calibration data set selection on quantitative palaeoclimatic reconstructions. Holocene, 2013, 23, 1650-1654.	1.7	16
65	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
66	Soil mineral depletion drives early Holocene lake acidification. Geology, 2013, 41, 415-418.	4.4	20
67	Tree Migration-Rates: Narrowing the Gap between Inferred Post-Glacial Rates and Projected Rates. PLoS ONE, 2013, 8, e71797.	2.5	110
68	A spatio-temporal reconstruction of Holocene temperature change in southern Scandinavia. Holocene, 2012, 22, 165-177.	1.7	25
69	Ecological palaeoecology and conservation biology: controversies, challenges, and compromises. International Journal of Biodiversity Science, Ecosystem Services & Management, 2012, 8, 292-304.	2.9	84
70	Inconsistent results should not be overlooked: A reply to Brooks et al. (2012). Holocene, 2012, 22, 1501-1508.	1.7	17
71	Response to Comment on â€œGlacial Survival of Boreal Trees in Northern Scandinaviaâ€. Science, 2012, 338, 742-742.	12.6	23
72	Natural and cultural heritage in mountain landscapes: towards an integrated valuation. International Journal of Biodiversity Science, Ecosystem Services & Management, 2012, 8, 313-320.	2.9	20

#	Article	IF	Citations
73	Testing intra-site transfer functions: an example using chironomids and water depth. Journal of Paleolimnology, 2012, 48, 545-558.	1.6	14
74	Are fossil assemblages in a single sediment core from a small lake representative of total deposition of mite, chironomid, and plant macrofossil remains?. Journal of Paleolimnology, 2012, 48, 669-691.	1.6	30
75	Temporally changing drivers for late-Holocene vegetation changes on the northern Tibetan Plateau. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 353-355, 10-20.	2.3	12
76	Comment on â€œGlacial Survival of Boreal Trees in Northern Scandinaviaâ€• Science, 2012, 338, 742-742.	12.6	47
77	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
78	Macrofossils in Raraku Lake (Easter Island) integrated with sedimentary and geochemical records: towards a palaeoecological synthesis for the last 34,000 years. Quaternary Science Reviews, 2012, 34, 113-126.	3.0	30
79	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
80	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
81	The March Towards the Quantitative Analysis of Palaeolimnological Data. Developments in Paleoenvironmental Research, 2012, , 3-17.	8.0	7
82	Overview of Numerical Methods in Palaeolimnology. Developments in Paleoenvironmental Research, 2012, , 19-92.	8.0	28
83	Data-Sets. Developments in Paleoenvironmental Research, 2012, , 93-97.	8.0	2
84	Introduction and Overview of Part II. Developments in Paleoenvironmental Research, 2012, , 101-121.	8.0	7
85	Clustering and Partitioning. Developments in Paleoenvironmental Research, 2012, , 167-200.	8.0	31
86	From Classical to Canonical Ordination. Developments in Paleoenvironmental Research, 2012, , 201-248.	8.0	112
87	Statistical Learning in Palaeolimnology. Developments in Paleoenvironmental Research, 2012, , 249-327.	8.0	41
88	Introduction and Overview of Part III. Developments in Paleoenvironmental Research, 2012, , 331-353.	8.0	1
89	Analysis of Stratigraphical Data. Developments in Paleoenvironmental Research, 2012, , 355-378.	8.0	26
90	Introduction and Overview of Part IV. Developments in Paleoenvironmental Research, 2012, , 551-555.	8.0	0

#	Article	IF	Citations
91	Conclusions and Future Challenges. Developments in Paleoenvironmental Research, 2012, , 643-673.	8.0	5
92	Quantitative Environmental Reconstructions from Biological Data. Developments in Paleoenvironmental Research, 2012, , 431-494.	8.0	100
93	Fusing pollen-stratigraphic and dendroclimatic proxy data to reconstruct summer temperature variability during the past 7.5Âka in subarctic Fennoscandia. Journal of Paleolimnology, 2012, 48, 275-286.	1.6	30
94	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
95	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
96	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
97	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
98	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
99	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
100	Merging chironomid training sets: implications for palaeoclimate reconstructions. Quaternary Science Reviews, 2011, 30, 2793-2804.	3.0	13
101	The pace of Holocene vegetation change â€“ testing for synchronous developments. Quaternary Science Reviews, 2011, 30, 2805-2814.	3.0	88
102	QSR Correspondence â€œIs spatial autocorrelation introducing biases in the apparent accuracy of palaeoclimatic reconstructions?â€• Quaternary Science Reviews, 2011, 30, 3210-3213.	3.0	15
103	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
104	Strengths and Weaknesses of Quantitative Climate Reconstructions Based on Late-Quaternary Biological Proxies. Open Ecology Journal, 2011, 3, 68-110.	2.0	298
105	Orchid species richness along Himalayan elevational gradients. Journal of Biogeography, 2011, 38, 1821-1833.	3.0	117
106	Invasion of Norway spruce diversifies the fire regime in boreal European forests. Journal of Ecology, 2011, 99, 395-403.	4.0	30
107	Fine-scale changes in vegetation composition in a boreal mire over 50â€ƒyears. Journal of Ecology, 2011, 99, 1179-1189.	4.0	57
108	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

#	Article	IF	Citations
109	Effect of uneven sampling along an environmental gradient on transfer-function performance. Journal of Paleolimnology, 2011, 46, 99-106.	1.6	71
110	Numerical methods for the analysis of diatom assemblage data. , 2010, , 23-54.		52
111	Oribatid mite assemblages across the tree-line in western Norway and their representation in lake sediments. Journal of Paleolimnology, 2010, 44, 361-374.	1.6	9
112	Holocene climate and environmental history of BrurskardstjÃrni, a lake in the catchment of Ã˜vre Heimdalsvatn, south-central Norway. Hydrobiologia, 2010, 642, 13-34.	2.0	25
113	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
114	Chironomidâ€inferred lateâ€glacial summer air temperatures from Lough Nadourcan, Co. Donegal, Ireland. Journal of Quaternary Science, 2010, 25, 1200-1210.	2.1	49
115	Developing a modern pollenâ€“climate calibration data set for Norway. Boreas, 2010, 39, 674-688.	2.4	29
116	Lateâ€Quaternary palaeoclimatic research in Fennoscandia â€“ A historical review. Boreas, 2010, 39, 655-673.	2.4	39
117	Early Weichselian (MIS 5d and 5c) temperatures and environmental changes in northern Fennoscandia as recorded by chironomids and macroremains at Sokli, northeast Finland. Boreas, 2010, 39, 689-704.	2.4	29
118	Current continental palaeoclimatic research in the Nordic region (100 years since Gunnar Andersson) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.4	8
119	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
120	THIS ARTICLE HAS BEEN RETRACTED: What caused the midâ€Holocene forest decline on the eastern Tibetâ€Qinghai Plateau?. Global Ecology and Biogeography, 2010, 19, 278-286.	5.8	33
121	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
122	Holocene land-cover reconstructions for studies on land cover-climate feedbacks. Climate of the Past, 2010, 6, 483-499.	3.4	214
123	Holocene land-cover changes on the Tibetan Plateau. Holocene, 2010, 20, 91-104.	1.7	62
124	4 Â°C and beyond: what did this mean for biodiversity in the past?. Systematics and Biodiversity, 2010, 8, 3-9.	1.2	50
125	Quantifying Recent Ecological Changes in Remote Lakes of North America and Greenland Using Sediment Diatom Assemblages. PLoS ONE, 2010, 5, e10026.	2.5	98
126	Alpine vegetation and species-richness patterns along two altitudinal gradients in the Gyama Valley, south-central Tibet, China. Plant Ecology and Diversity, 2010, 3, 235-247.	2.4	9

#	Article	IF	Citations
127	Biodiversity baselines, thresholds and resilience: testing predictions and assumptions using palaeoecological data. Trends in Ecology and Evolution, 2010, 25, 583-591.	8.7	297
128	Regional consistency in Lateglacial chironomid-inferred temperatures from five sites in north-west England. Quaternary Science Reviews, 2010, 29, 1528-1538.	3.0	50
129	Reconciling pollen-stratigraphical and tree-ring evidence for high- and low-frequency temperature variability in the past millennium. Quaternary Science Reviews, 2010, 29, 3905-3918.	3.0	15
130	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
131	Holocene climate and environmental history of BrurskardstjÃ¸rni, a lake in the catchment of Ã˜vre Heimdalsvatn, south-central Norway. , 2010, , 13-34.		0
132	Last nine-thousand years of temperature variability in Northern Europe. Climate of the Past, 2009, 5, 523-535.	3.4	238
133	Svend Th. Andersen (1926â€“2009). Review of Palaeobotany and Palynology, 2009, 157, 189-191.	1.5	3
134	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
135	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
136	Flora, vegetation and climate at Sokli, northeastern Fennoscandia, during the Weichselian Middle Pleniglacial. Boreas, 2009, 38, 335-348.	2.4	29
137	Evaluation of transfer functions in spatially structured environments. Quaternary Science Reviews, 2009, 28, 1309-1316.	3.0	201
138	The development and local stand-scale dynamics of a Picea abies forest in southeastern Norway. Holocene, 2009, 19, 1073-1082.	1.7	35
139	Recent Warming Reverses Long-Term Arctic Cooling. Science, 2009, 325, 1236-1239.	12.6	585
140	Holocene vegetation dynamics and inferred climate changes at SvanÃ¥vatnet, Mo i Rana, northern Norway. Boreas, 2008, 37, 146-156.	2.4	41
141	Late-Quaternary summer temperature changes in the northern-European tree-line region. Quaternary Research, 2008, 69, 404-412.	1.7	40
142	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
143	Exploring Holocene continentality changes in Fennoscandia using present and past tree distributions. Quaternary Science Reviews, 2008, 27, 1296-1308.	3.0	61
144	Agroforestry: a refuge for tropical biodiversity?. Trends in Ecology and Evolution, 2008, 23, 261-267.	8.7	540

#	Article	IF	Citations
145	Recent ecological change in a remote Scottish mountain loch: An evaluation of a Cladocera-based temperature transfer-function. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 259, 51-76.	2.3	40
146	Alpines, trees, and refugia in Europe. Plant Ecology and Diversity, 2008, 1, 147-160.	2.4	318
147	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
148	A multiproxy palaeolimnological investigation of Holocene environmental change, between c. 10 700 and 7200 years BP, at Holebudalen, southern Norway. Holocene, 2008, 18, 805-817.	1.7	27
149	Frank Oldfield and his contributions to environmental change research. Holocene, 2008, 18, 3-17.	1.7	1
150	Present-day temperatures in northern Scandinavia during the last glaciation. Geology, 2007, 35, 987.	4.4	77
151	Spatial structure of the 8200 cal yr BP event in northern Europe. Climate of the Past, 2007, 3, 225-236.	3.4	71
152	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
153	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
154	What Is Natural? The Need for a Long-Term Perspective in Biodiversity Conservation. Science, 2006, 314, 1261-1265.	12.6	539
155	Dispersal Limitations Matter for Microbial Morphospecies. Science, 2006, 312, 1015-1015.	12.6	195
156	How many freshwater diatoms are pH specialists? A response to Pither & Aarssen (2005). Ecology Letters, 2006, 9, E1-5; discussion E6-12.	6.4	21
157	On the presence of late-glacial trees in western Norway and the Scandes: a further comment. Journal of Biogeography, 2006, 33, 376-377.	3.0	11
158	Aquatic Biota and the Detection of Climate Change: Are there Consistent Aquatic Ecotones?. Journal of Paleolimnology, 2006, 35, 507-518.	1.6	59
159	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
160	Multi-proxy studies in palaeolimnology. Vegetation History and Archaeobotany, 2006, 15, 235-251.	2.1	294
161	Estimating the amount of compositional change in late-Quaternary pollen-stratigraphical data. Vegetation History and Archaeobotany, 2006, 16, 197-202.	2.1	89
162	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

#	Article	IF	Citations
163	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
164	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
165	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
166	Palaeolimnological evidence for recent climatic change in lakes from the northern Urals, arctic Russia. Journal of Paleolimnology, 2005, 33, 463-482.	1.6	79
167	Fifty years of Quaternary pollen analysis in Fennoscandia 1954â€“2004. Grana, 2005, 44, 1-22.	0.8	38
168	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
169	Relationships between calibrated ages and depth in stratigraphical sequences: an estimation procedure by mixed-effect regression. Holocene, 2005, 15, 612-618.	1.7	269
170	A multi-proxy palaeoecological study of Alanen LaanijÃrvi, a boreal-forest lake in Swedish Lapland. Boreas, 2005, 34, 192-206.	2.4	14
171	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
172	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
173	Mind the gap: how open were European primeval forests?. Trends in Ecology and Evolution, 2005, 20, 154-156.	8.7	117
174	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
175	The secret assumption of transfer functions: problems with spatial autocorrelation in evaluating model performance. Quaternary Science Reviews, 2005, 24, 2173-2179.	3.0	226
176	Holocene climate variability in the northern North Atlantic region: A review of terrestrial and marine evidence. Geophysical Monograph Series, 2005, , 289-322.	0.1	20
177	A multi-proxy palaeoecological study of Alanen LaanijÃrvi, a boreal-forest lake in Swedish Lapland. Boreas, 2005, 34, 192-206.	2.4	5
178	The intercept is a poor estimate of a calibrated radiocarbon age. Holocene, 2004, 14, 296-298.	1.7	327
179	PALEOECOLOGY: The Rise and Fall of Forests. Science, 2004, 305, 484-485.	12.6	90
180	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

#	Article	IF	Citations
181	Long-Term Effects of Reclamation Treatments on Plant Succession in Iceland. Restoration Ecology, 2004, 12, 268-278.	2.9	52
182	Benthonic foraminiferal distributions and quantitative transfer functions for the northwest European continental margin. Marine Micropaleontology, 2004, 53, 197-226.	1.2	86
183	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
184	Recent Environmental Change and Atmospheric Contamination on Svalbard as Recorded in Lake Sediments â€“ Modern Limnology, Vegetation, and Pollen Deposition. Journal of Paleolimnology, 2004, 31, 411-431.	1.6	37
185	Lake-Sediment Records of Recent Environmental Change on Svalbard: Results of Diatom Analysis. Journal of Paleolimnology, 2004, 31, 445-466.	1.6	83
186	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
187	Recent Environmental Change and Human Impact on Svalbard: The Lake-Sediment Geochemical Record. Journal of Paleolimnology, 2004, 31, 515-530.	1.6	94
188	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
189	All ageâ€“depth models are wrong: but how badly?. Quaternary Science Reviews, 2004, 23, 1-5.	3.0	274
190	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
191	Holocene sediments of SÃgistalsee, a small lake at the present-day tree-line in the Swiss Alps. Journal of Paleolimnology, 2003, 30, 253-260.	1.6	29
192	The Holocene palaeolimnology of SÃgistalsee and its environmental history â€“ a synthesis. Journal of Paleolimnology, 2003, 30, 333-342.	1.6	86
193	Title is missing!. Journal of Paleolimnology, 2003, 29, 123-133.	1.6	32
194	Recent increases in species richness and shifts in altitudinal distributions of Norwegian mountain plants. Holocene, 2003, 13, 1-6.	1.7	310
195	Effects of within-lake variability of fossil assemblages on quantitative chironomid-inferred temperature reconstruction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 199, 95-106.	2.3	52
196	Rapid climatic changes during the Greenland stadial 1 (Younger Dryas) to early Holocene transition on the Norwegian Barents Sea coast. Boreas, 2002, 31, 215-225.	2.4	8
197	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
198	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

#	Article	IF	Citations
199	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
200	Pattern and process in Norwegian upland grasslands: a functional analysis. Journal of Vegetation Science, 2002, 13, 123-134.	2.2	22
201	Holocene Climate Reconstructions from the Fennoscandian Tree-Line Area Based on Pollen Data from Toskaljavri. Quaternary Research, 2002, 57, 191-199.	1.7	165
202	Title is missing!. Plant Ecology, 2002, 162, 233-245.	1.6	57
203	Climate variability and ecosystem dynamics of remote alpine and arctic lakes: the MOLAR project. Journal of Paleolimnology, 2002, 28, 1-6.	1.6	118
204	Title is missing!. Journal of Paleolimnology, 2002, 28, 161-179.	1.6	169
205	Pattern and process in Norwegian upland grasslands: a functional analysis. Journal of Vegetation Science, 2002, 13, 123.	2.2	6
206	Establishing a terrestrial chronological framework as a basis for biostratigraphical comparisons. Quaternary Science Reviews, 2001, 20, 1583-1592.	3.0	143
207	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
208	The identification of wingless Betula fruits in Weichselian sediments in the Gross Todtshorn borehole (Lower Saxony, Germany) â€“ the occurrence of Betula humilis Schrank.. Vegetation History and Archaeobotany, 2001, 10, 107-115.	2.1	11
209	Tracing lake trophic history with a chironomid-total phosphorus inference model. Freshwater Biology, 2001, 46, 513-533.	2.4	172
210	Title is missing!. Journal of Paleolimnology, 2001, 25, 375-392.	1.6	19
211	Maximum likelihood environmental calibration and the compute program WACALIB a correction. Journal of Paleolimnology, 2001, 25, 111-115.	1.6	11
212	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
213	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
214	Title is missing!. Journal of Paleolimnology, 2000, 23, 21-34.	1.6	73
215	Title is missing!. Journal of Paleolimnology, 2000, 23, 77-89.	1.6	221
216	Title is missing!. Journal of Paleolimnology, 2000, 23, 91-114.	1.6	257

#	Article	IF	Citations
217	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
218	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
219	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
220	The altitudinal gradient of vascular plant richness in Aurland, western Norway. Ecography, 1999, 22, 548-566.	4.5	126
221	Title is missing!. Water, Air, and Soil Pollution, 1999, 114, 27-51.	2.4	20
222	Frode Berge (1938-1997). Journal of Paleolimnology, 1999, 21, 259-261.	1.6	0
223	Title is missing!. Journal of Paleolimnology, 1999, 22, 291-317.	1.6	119
224	Plant species richness in Fennoscandia: evaluating the relative importance of climate and history. Nordic Journal of Botany, 1999, 19, 489-503.	0.5	54
225	Title is missing!. Journal of Paleolimnology, 1998, 19, 443-463.	1.6	195
226	Title is missing!. Journal of Paleolimnology, 1998, 20, 307-332.	1.6	785
227	A numerical analysis of the mesoscale distribution patterns of vascular plants in the subarctic Kevo Nature Reserve, northern Finland. Journal of Biogeography, 1998, 25, 123-146.	3.0	25
228	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
229	Title is missing!. Journal of Paleolimnology, 1997, 18, 395-420.	1.6	465
230	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
231	Contributions of Quaternary palaeoecology to nature conservation. Journal of Vegetation Science, 1996, 7, 89-98.	2.2	125
232	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
233	Diatom-based water chemistry reconstructions from northern Sweden: a comparison of reconstruction techniques. Journal of Paleolimnology, 1996, 15, 65.	1.6	67
234	The Krï¿½kenes late-glacial palaeoenvironmental project. Journal of Paleolimnology, 1996, 15, 281-286.	1.6	34

#	Article	IF	Citations
235	Statistical approaches to interpreting diversity patterns in the Norwegian mountain flora. Ecography, 1996, 19, 332-340.	4.5	70
236	Spatial and environmental components of variation in the distribution patterns of subarctic plant species at Kevo, N Finland - a case study at the meso-scale level. Ecography, 1996, 19, 341-351.	4.5	39
237	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
238	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
239	Al:Pe projects: Water chemistry and critical loads. Water, Air, and Soil Pollution, 1995, 85, 493-498.	2.4	22
240	Long-term chemical and biological trends in Scottish streams and lochs. Water, Air, and Soil Pollution, 1995, 85, 701-706.	2.4	24
241	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
242	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
243	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
244	Recurrent groups of pollen types in time. Review of Palaeobotany and Palynology, 1994, 82, 165-173.	1.5	21
245	The importance of pollen and diatom taxonomic precision in quantitative palaeoenvironmental reconstructions. Review of Palaeobotany and Palynology, 1994, 83, 107-117.	1.5	76
246	Did Icelandic volcanic eruptions influence the post-glacial vegetational history of the British Isles?. Trends in Ecology and Evolution, 1994, 9, 312-314.	8.7	22
247	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
248	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
249	Prehistoric increases in the pH of acid-sensitive Swedish lakes caused by land-use changes. Nature, 1993, 362, 824-827.	27.8	128
250	The ecology and conservation of the Killarney Fern Trichomanes speciosum willd. In Britain and Ireland. Biological Conservation, 1993, 66, 231-247.	4.1	22
251	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
252	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

#	Article	IF	Citations
253	Patterns of variation in late-glacial pollen stratigraphy along a northwest-southeast transect through Switzerlandâ€"A numerical analysis. Quaternary Science Reviews, 1993, 12, 277-286.	3.0	35
254	Quaternary palaeoecology and vegetation scienceâ€" current contributions and possible future developments. Review of Palaeobotany and Palynology, 1993, 79, 153-177.	1.5	87
255	A New Biogeographical Classification of the Scottish Uplands. II. Vegetation--Environment Relationships. Journal of Ecology, 1993, 81, 231.	4.0	36
256	Quantitative studies on saxicolous bryophyte â€" environment relationships in western Norway. Journal of Bryology, 1993, 17, 579-611.	1.2	19
257	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
258	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
259	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
260	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
261	The relationship between sedimentary chrysophyte scales (Chrysophyceae and Synurophyceae) and limnological characteristics in 25 Norwegian lakes. Nordic Journal of Botany, 1991, 11, 231-242.	0.5	36
262	Quantitative vegetationâ€environment relationships in west norwegian tallâ€fern vegetation. Nordic Journal of Botany, 1990, 10, 511-533.	0.5	26
263	Postglacial history of alder (Alnus glutinosa (L.) Gaertn.) in the British Isles. Journal of Quaternary Science, 1990, 5, 123-133.	2.1	99
264	Holocene Isochrone Maps and Patterns of Tree-Spreading in the British Isles. Journal of Biogeography, 1989, 16, 503.	3.0	297
265	Recent and possible future mathematical developments in quantitative palaeoecology. Palaeogeography, Palaeoclimatology, Palaeoecology, 1985, 50, 107-147.	2.3	51
266	Composition and formation of laminated sediments in Diss Mere, Norfolk, England. Boreas, 1984, 13, 13-28.	2.4	43
267	MID-FLANDRIAN FOREST HISTORY OF ROUDSEA WOOD NATIONAL NATURE RESERVE, CUMBRIA. New Phytologist, 1982, 90, 339-354.	7.3	32
268	Late Wisconsin Vegetational and Climatic History at Kylen Lake, Northeastern Minnesota. Quaternary Research, 1981, 16, 322-355.	1.7	67
269	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
270	Soil Development on Recent End Moraines of the Klutlan Glacier, Yukon Territory, Canada. Quaternary Research, 1980, 14, 87-100.	1.7	74

#	Article	IF	Citations
271	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
272	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
273	British Trees and Insects: A Test of the Time Hypothesis Over the Last 13,000 Years. American Naturalist, 1980, 115, 600-605.	2.1	38
274	INTERGLACIAL POLLEN SPECTRA FROM SEL AYRE, SHETLAND. New Phytologist, 1979, 83, 559-575.	7.3	37
275	Holocene pollen stratigraphy of southern Sweden: a reappraisal using numerical methods. Boreas, 1979, 8, 257-279.	2.4	43
276	Modern pollen rain and vegetation of the St. Elias Mountains, Yukon Territory. Canadian Journal of Botany, 1977, 55, 2367-2382.	1.1	54
277	PLANT COMMUNITIES OF THE ISLAND OF ARRAN, SCOTLAND. New Phytologist, 1977, 79, 689-712.	7.3	23
278	THE DISTRIBUTION OF EUROPEAN PTERIDOPHYTES: A NUMERICAL ANALYSIS. New Phytologist, 1976, 77, 257-287.	7.3	57
279	Lateâ€Wisconsinan Vegetational History at Wolf Creek, Central Minnesota. Ecological Monographs, 1976, 46, 395-429.	5.4	178
280	Distribution maps of Bryophytes in Britain and Ireland. Journal of Bryology, 1975, 8, 383-388.	1.2	0
281	Numerical analysis of pollen samples from central Canada: A comparison of methods. Review of Palaeobotany and Palynology, 1975, 20, 133-169.	1.5	67
282	NUMERICAL ZONATIONS OF FLANDRIAN POLLEN DATA. New Phytologist, 1974, 73, 351-358.	7.3	39
283	Studies on the bryophyte flora and vegetation of the Isle of Skye. I. Flora. Journal of Bryology, 1974, 8, 197-254.	1.2	14
284	A NUMERICAL ANALYSIS OF THE PAST AND PRESENT FLORA OF THE BRITISH ISLES. New Phytologist, 1973, 72, 877-902.	7.3	16
285	NUMERICAL METHODS IN QUATERNARY PALAEOECOLOGY I. ZONATION OF POLLEN DIAGRAMS. New Phytologist, 1972, 71, 961-979.	7.3	199
286	A Dote on the habitat ofScorpidium turgescens(T. Jens.) Loeske in Scotland. Transactions of the British Bryological Society, 1970, 6, 129-132.	0.8	4
287	INWASHED POLLEN SPECTRA AT LOCH FADA, ISLE OF SKYE. New Phytologist, 1970, 69, 807-820.	7.3	56
288	AN INTERGLACIAL PEAT AT FUGLA NESS, SHETLAND. New Phytologist, 1969, 68, 777-796.	7.3	50

#	Article	IF	Citations
289	THE IDENTIFICATION OF BETULA NANA POLLEN. New Phytologist, 1968, 67, 309-314.	7.3	121
290	Lophozia perssoniiBuch & S. Arnellâ€"new to Britain. Transactions of the British Bryological Society, 1968, 5, 439-442.	0.8	1
291	LATE-GLACIAL DEPOSITS AT BAGMERE, CHESHIRE, AND CHAT MOSS, LANCASHIRE. New Phytologist, 1965, 64, 270-281.	7.3	22