

# Barbara Wohlfarth

## List of Publications by Year in descending order

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Version: 2024-02-01

97  
papers

7,644  
citations

76196

40  
h-index

60497

81  
g-index

100  
all docs

100  
docs citations

100  
times ranked

8412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Norway spruce postglacial recolonization of Fennoscandia. <i>Nature Communications</i> , 2022, 13, 1333.	5.8	14
2	A 725-year integrated offshore terrestrial varve chronology for southeastern Sweden suggests rapid ice retreat ~15 ka BP. <i>Boreas</i> , 2021, 50, 477-496.	1.2	7
3	A muted El Niño-like condition during late MIS 3. <i>Quaternary Science Reviews</i> , 2021, 254, 106782.	1.4	9
4	Hydroclimate variability of central Indo-Pacific region during the Holocene. <i>Quaternary Science Reviews</i> , 2021, 253, 106779.	1.4	13
5	Floral evidence for high summer temperatures in southern Scandinavia during 15–11 cal ka BP. <i>Quaternary Science Reviews</i> , 2020, 233, 106243.	1.4	15
6	Rainfall variations in central Indo-Pacific over the past 2,700 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17201-17206.	3.3	73
7	Shotgun Environmental DNA, Pollen, and Macrofossil Analysis of Lateglacial Lake Sediments From Southern Sweden. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	91
8	Climate and environment in southwest Sweden 15.5–11.3 cal. ka BP. <i>Boreas</i> , 2018, 47, 687-710.	1.2	28
9	Archaeal community changes in Lateglacial lake sediments: Evidence from ancient DNA. <i>Quaternary Science Reviews</i> , 2018, 181, 19-29.	1.4	78
10	Hässeldala – a key site for Last Termination climate events in northern Europe. <i>Boreas</i> , 2017, 46, 143-161.	1.2	24
11	Societal response to monsoonal fluctuations in NE Thailand during the demise of Angkor Civilisation. <i>Holocene</i> , 2017, 27, 1455-1464.	0.9	7
12	A 150-year record of phytoplankton community succession controlled by hydroclimatic variability in a tropical lake. <i>Biogeosciences</i> , 2016, 13, 3971-3980.	1.3	4
13	Testing commonly used X-ray fluorescence core scanning-based proxies for organic-rich lake sediments and peat. <i>Boreas</i> , 2016, 45, 180-189.	1.2	67
14	Final deglaciation of the Scandinavian Ice Sheet and implications for the Holocene global sea-level budget. <i>Earth and Planetary Science Letters</i> , 2016, 448, 34-41.	1.8	66
15	Timing of the first drainage of the Baltic Ice Lake synchronous with the onset of Greenland Stadial 1. <i>Boreas</i> , 2016, 45, 322-334.	1.2	27
16	A 2000-year leaf wax-based hydrogen isotope record from Southeast Asia suggests low frequency ENSO-like teleconnections on a centennial timescale. <i>Quaternary Science Reviews</i> , 2016, 148, 44-53.	1.4	25
17	Human adaptation to mid- to late-Holocene climate change in Northeast Thailand. <i>Holocene</i> , 2016, 26, 1875-1886.	0.9	29
18	Large variability in n-alkane $\delta^{13}C$ values in Lake Pa Kho (Thailand) driven by wetland wetness and aquatic productivity. <i>Organic Geochemistry</i> , 2016, 97, 53-60.	0.9	19

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19	Lake Kumphawapi revisited â€“ The complex climatic and environmental record of a tropical wetland in NE Thailand. <i>Holocene</i> , 2016, 26, 614-626.	0.9	22
20	Response to: Comment on â€œSynchronous records of pCO <sub>2</sub> and $\delta^{14}C$ suggest rapid, ocean-derived pCO <sub>2</sub> fluctuations at the onset of Younger Dryasâ€• (Steinthorsdottir et al., 2014, <i>Quaternary Science Reviews</i> ) <i>Tj ETQq 0.0 r gBT (Overlock 1</i>	0.9	14
21	Hydroclimatic shifts in northeast Thailand during the last two millennia â€“ the record of Lake Pa Kho. <i>Quaternary Science Reviews</i> , 2015, 111, 62-71.	1.4	31
22	The C <sub>20</sub> highly branched isoprenoid biomarker â€“ A new diatom-sourced proxy for summer trophic conditions?. <i>Organic Geochemistry</i> , 2015, 81, 27-33.	0.9	14
23	Fennoscandian freshwater control on Greenland hydroclimate shifts at the onset of the Younger Dryas. <i>Nature Communications</i> , 2015, 6, 8939.	5.8	54
24	Time-transgressive environmental shifts across Northern Europe at the onset of the Younger Dryas. <i>Quaternary Science Reviews</i> , 2015, 109, 49-56.	1.4	37
25	A Late Glacial paleolake record from an up-dammed river valley in northern Transylvania, Romania. <i>Quaternary International</i> , 2015, 388, 87-96.	0.7	6
26	Tropical tales of polar ice: evidence of Last Interglacial polar ice sheet retreat recorded by fossil reefs of the granitic Seychelles islands. <i>Quaternary Science Reviews</i> , 2015, 107, 182-196.	1.4	94
27	Abrupt climate change and early lake development â€“ the <sc>L</sc>ateglacial diatom flora at <sc>H</sc>Ãsseldala <sc>P</sc>ort, southeastern <sc>S</sc>weden. <i>Boreas</i> , 2015, 44, 94-102.	1.2	6
28	Climate over mainland Southeast Asia 10.5â€“5 ka. <i>Journal of Quaternary Science</i> , 2014, 29, 445-454.	1.1	14
29	<sc>A</sc>sian monsoon climate during the <sc>L</sc>ast <sc>G</sc>lacial <sc>M</sc>aximum: palaeoâ€“dataâ€“model comparisons. <i>Boreas</i> , 2014, 43, 220-242.	1.2	35
30	Synchronous records of pCO <sub>2</sub> and $\delta^{14}C$ suggest rapid, ocean-derived pCO <sub>2</sub> fluctuations at the onset of Younger Dryas. <i>Quaternary Science Reviews</i> , 2014, 99, 84-96.	1.4	26
31	Diatom assemblage changes in lacustrine sediments from Isla de los Estados, southernmost South America, in response to shifts in the southwesterly wind belt during the last deglaciation. <i>Journal of Paleolimnology</i> , 2013, 50, 433-446.	0.8	26
32	Geochemical responses to paleoclimatic changes in southern Sweden since the late glacial: the HÃsseldala Port lake sediment record. <i>Journal of Paleolimnology</i> , 2013, 50, 57-70.	0.8	74
33	Stomatal proxy record of CO <sub>2</sub> concentrations from the last termination suggests an important role for CO <sub>2</sub> at climate change transitions. <i>Quaternary Science Reviews</i> , 2013, 68, 43-58.	1.4	41
34	Holocene environmental changes in northeast Thailand as reconstructed from a tropical wetland. <i>Global and Planetary Change</i> , 2012, 92-93, 148-161.	1.6	25
35	Pilgrimstad revisited - a multi-proxy reconstruction of Early/Middle Weichselian climate and environment at a key site in central Sweden. <i>Boreas</i> , 2011, 40, 211-230.	1.2	12
36	High-resolution X-ray fluorescence core scanning analysis of Les Echets (France) sedimentary sequence: new insights from chemical proxies. <i>Journal of Quaternary Science</i> , 2011, 26, 109-117.	1.1	354

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37	Diatom assemblage dynamics during abrupt climate change: the response of lacustrine diatoms to Dansgaard-Oeschger cycles during the last glacial period. <i>Journal of Paleolimnology</i> , 2010, 44, 397-404.	0.8	20
38	Were last glacial climate events simultaneous between Greenland and France? A quantitative comparison using non-tuned chronologies. <i>Journal of Quaternary Science</i> , 2010, 25, 387-394.	1.1	67
39	Reply: Were last glacial climate events simultaneous between Greenland and France? A quantitative comparison using non-tuned chronologies. <i>Journal of Quaternary Science</i> , 2010, 25, 1047-1047.	1.1	2
40	Ice-free conditions in Sweden during Marine Oxygen Isotope Stage 3?. <i>Boreas</i> , 2010, 39, 377-398.	1.2	55
41	Fennoscandian Ice Sheet in MIS 3 - Introduction. <i>Boreas</i> , 2010, 39, 325-327.	1.2	11
42	Simulated climate conditions in Europe during the Marine Isotope Stage 3 stadial. <i>Boreas</i> , 2010, 39, 436-456.	1.2	47
43	Records of environmental changes during the Holocene from Isla de los Estados (54.4°S), southeastern Tierra del Fuego. <i>Global and Planetary Change</i> , 2010, 74, 99-113.	1.6	62
44	Modest summer temperature variability during DO cycles in western Europe. <i>Quaternary Science Reviews</i> , 2010, 29, 1322-1327.	1.4	23
45	Climate-driven changes in lake conditions during late MIS 3 and MIS 2: a high-resolution geochemical record from Les Echets, France. <i>Boreas</i> , 2009, 38, 230-243.	1.2	31
46	The Last Glacial Maximum. <i>Science</i> , 2009, 325, 710-714.	6.0	2,678
47	Age, origin and significance of a new middle MIS 3 tephra horizon identified within a long core sequence from Les Echets, France. <i>Boreas</i> , 2008, 37, 434-443.	1.2	15
48	Paleolimnological response to millennial and centennial scale climate variability during MIS 3 and 2 as suggested by the diatom record in Les Echets, France. <i>Quaternary Science Reviews</i> , 2008, 27, 1493-1504.	1.4	34
49	Deglacial environmental changes on Isla de los Estados (54.4°S), southeastern Tierra del Fuego. <i>Quaternary Science Reviews</i> , 2008, 27, 1541-1554.	1.4	44
50	Pollen-based quantitative reconstructions of Holocene climate variability in NW Romania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 260, 494-504.	1.0	117
51	Lateglacial climate development in NW Romania – Comparative results from three quantitative pollen-based methods. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 265, 121-133.	1.0	45
52	Rapid ecosystem response to abrupt climate changes during the last glacial period in western Europe, 40–16 ka. <i>Geology</i> , 2008, 36, 407.	2.0	98
53	Quaternary of Norden. <i>Episodes</i> , 2008, 31, 73-81.	0.8	43
54	Cryptotephra sedimentation processes within two lacustrine sequences from west central Sweden. <i>Holocene</i> , 2007, 17, 319-330.	0.9	77

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55	Climatic and environmental changes in north-western Russia between 15,000 and 8000calyrBP: a review. <i>Quaternary Science Reviews</i> , 2007, 26, 1871-1883.	1.4	53
56	The lithostratigraphy of the Les Echets basin, France: tentative correlation between cores. <i>Boreas</i> , 2007, 36, 326-340.	1.2	6
57	The influence of refugial population on Lateglacial and early Holocene vegetational changes in Romania. <i>Review of Palaeobotany and Palynology</i> , 2007, 145, 305-320.	0.8	88
58	â€ˆCosmogenic 10 Be ages on the Pomeranian Moraine, Polandâ€™™: Comments. <i>Boreas</i> , 2006, 35, 600-604.	1.2	15
59	Late Glacial and Holocene Palaeoenvironmental Changes in the Rostov-Yaroslavlâ€™™ Area, West Central Russia. <i>Journal of Paleolimnology</i> , 2006, 35, 543-569.	0.8	36
60	Deglacial vegetation succession and Holocene tree-limit dynamics in the Scandes Mountains, west-central Sweden: stratigraphic data compared to megafossil evidence. <i>Review of Palaeobotany and Palynology</i> , 2005, 134, 129-151.	0.8	53
61	Holocene tephra horizons at Klocka Bog, west-central Sweden: aspects of reproducibility in subarctic peat deposits. <i>Journal of Quaternary Science</i> , 2004, 19, 241-249.	1.1	59
62	Palaeolimnological and sedimentary responses to Holocene forest retreat in the Scandes Mountains, west-central Sweden. <i>Holocene</i> , 2004, 14, 862-876.	0.9	75
63	Unstable early-Holocene climatic and environmental conditions in northwestern Russia derived from a multidisciplinary study of a lake-sediment sequence from Pichozero, southeastern Russian Karelia. <i>Holocene</i> , 2004, 14, 732-746.	0.9	30
64	Were there two Borrobol Tephra during the early Lateglacial period: implications for tephrochronology?. <i>Quaternary Science Reviews</i> , 2004, 23, 581-589.	1.4	65
65	Late Holocene environmental change at treeline in the northern Coast Mountains, British Columbia, Canada. <i>Quaternary Science Reviews</i> , 2004, 23, 2413-2431.	1.4	15
66	Extending the limits of the Borrobol Tephra to Scandinavia and detection of new early Holocene tephra. <i>Quaternary Research</i> , 2003, 59, 345-352.	1.0	85
67	Late-Glacial and Holocene forest dynamics at Steregoiu in the Gutaiului Mountains, Northwest Romania. <i>Review of Palaeobotany and Palynology</i> , 2003, 124, 79-111.	0.8	66
68	The relationship between annual varve thickness and maximum annual discharge (1909â€™™1971). <i>Journal of Hydrology</i> , 2002, 263, 23-35.	2.3	30
69	Lateglacial and early Holocene vegetation development in the Gutaiului Mountains, northwestern Romania. <i>Quaternary Science Reviews</i> , 2002, 21, 1039-1059.	1.4	55
70	Late-Glacial and Early Holocene Environmental and Climatic Change at Lake Tambichozero, Southeastern Russian Karelia. <i>Quaternary Research</i> , 2002, 58, 261-272.	1.0	35
71	Climate and environment on the Karelian Isthmus, northwestern Russia, 13000-9000 cal. yrs BP. <i>Boreas</i> , 2002, 31, 1-19.	1.2	65
72	Reconstruction of climatic and environmental changes in NW Romania during the early part of the last deglaciation (â€™™15,000â€™™13,600cal yr BP). <i>Quaternary Science Reviews</i> , 2001, 20, 1897-1914.	1.4	54

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73	The First Dated Eemian Lacustrine Deposit in Romania. <i>Quaternary Research</i> , 2001, 56, 62-65.	1.0	3
74	A paleoecological reconstruction of the Late Glacial and Holocene based on multidisciplinary studies at Steregoiu site (Gutai Mts., Romania). <i>Studia Universitatis Babeş-Bolyai, Geologia</i> , 2001, 46, 125-140.	1.0	11
75	Extending the known distribution of the Younger Dryas Vedde Ash into northwestern Russia. <i>Journal of Quaternary Science</i> , 2000, 15, 581-586.	1.1	84
76	AMS Radiocarbon Measurements from the Swedish Varved Clays. <i>Radiocarbon</i> , 2000, 42, 323-333.	0.8	24
77	Timing and east-west correlation of south Swedish ice marginal lines during the Late Weichselian. <i>Quaternary Science Reviews</i> , 2000, 20, 1127-1148.	1.4	141
78	Early Holocene plant and animal remains from North-east Greenland. <i>Journal of Biogeography</i> , 1999, 26, 667-677.	1.4	50
79	Timing of the Last-Interglacial High Sea Level on the Seychelles Islands, Indian Ocean. <i>Quaternary Research</i> , 1999, 51, 306-316.	1.0	52
80	Climate and environment during the Younger Dryas (GS-1) as reflected by composite stable isotope records of lacustrine carbonates at Torreberga, southern Sweden. <i>Journal of Quaternary Science</i> , 1999, 14, 17-28.	1.1	63
81	AMS <sup>14</sup> C measurements and macrofossil analyses of a varved sequence near Pudozh, eastern Karelia, NW Russia. <i>Boreas</i> , 1999, 28, 575-586.	1.2	3
82	AMS <sup>14</sup> C measurements and macrofossil analyses of a varved sequence near Pudozh, eastern Karelia, NW Russia. <i>Boreas</i> , 1999, 28, 575-586.	1.2	14
83	Evidence for the occurrence of Vedde Ash in Sweden: radiocarbon and calendar age estimates. <i>Journal of Quaternary Science</i> , 1998, 13, 271-274.	1.1	86
84	An event stratigraphy for the Last Termination in the North Atlantic region based on the Greenland ice-core record: a proposal by the INTIMATE group. , 1998, 13, 283-292.		741
85	An evaluation of the Late Weichselian Swedish varve chronology based on cross-correlation analysis. <i>Gff</i> , 1998, 120, 35-46.	0.4	12
86	The climatic significance of clastic varves in the Ångermanälven Estuary, northern Sweden, AD 1860 to 1950. <i>Holocene</i> , 1998, 8, 521-534.	0.9	26
87	An 800-year long, radiocarbon-dated varve chronology from south-eastern Sweden. <i>Boreas</i> , 1998, 27, 243-257.	1.2	29
88	A new middle Holocene varve diagram from the river Ångermanälven, northern Sweden: indications for a possible error in the Holocene varve chronology. <i>Boreas</i> , 1997, 26, 347-353.	1.2	41
89	The chronology of the last termination: A review of radiocarbon-dated, high-resolution terrestrial stratigraphies. <i>Quaternary Science Reviews</i> , 1996, 15, 267-284.	1.4	152
90	The Swedish Time Scale: A Potential Calibration Tool for the Radiocarbon Time Scale During the Late Weichselian. <i>Radiocarbon</i> , 1995, 37, 347-359.	0.8	55

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91	14C AMS measurements from the Late Weichselian part of the Swedish Time Scale. Quaternary International, 1995, 27, 11-18.	0.7	13
92	Early Holocene environment on Björnåya (Svalbard) inferred from multidisciplinary lake sediment studies. Polar Research, 1995, 14, 253-275.	1.6	26
93	Ice recession and depositional environment in the Blekinge archipelago of the Baltic Ice Lake. Gff, 1994, 116, 3-12.	0.4	19
94	Environment and climate in southwestern Switzerland during the last termination, 15-10 ka BP. Quaternary Science Reviews, 1994, 13, 361-394.	1.4	34
95	Revision of the early Holocene lake sediment based chronology and event stratigraphy on Hochstetter Forland, NE Greenland. Boreas, 1994, 23, 513-523.	1.2	41
96	AMS dating Swedish varved clays of the last glacial/interglacial transition and the potential/difficulties of calibrating Late Weichselian "absolute" chronologies. Boreas, 1993, 22, 113-128.	1.2	94
97	Late glacial and holocene lake level fluctuations in Lake Biel, western Switzerland. Journal of Quaternary Science, 1991, 6, 293-302.	1.1	8