Barbara Wohlfarth

List of Publications by Year
in descending order

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	The Last Glacial Maximum. Science, 2009, 325, 710-714.	6.0	2,678
2	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
3	Highâ€resolution Xâ€ray fluorescence core scanning analysis of Les Echets (France) sedimentary sequence: new insights from chemical proxies. Journal of Quaternary Science, 2011, 26, 109-117.	1.1	354
4	The chronology of the last termination: A review of radiocarbon-dated, high-resolution terrestrial stratigraphies. Quaternary Science Reviews, 1996, 15, 267-284.	1.4	152
5	Timing and eastâ€“west correlation of south Swedish ice marginal lines during the Late Weichselian. Quaternary Science Reviews, 2000, 20, 1127-1148.	1.4	141
6	Pollen-based quantitative reconstructions of Holocene climate variability in NW Romania. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 260, 494-504.	1.0	117
7	Rapid ecosystem response to abrupt climate changes during the last glacial period in western Europe, 40â€“16 ka. Geology, 2008, 36, 407.	2.0	98
8	AMS dating Swedish varved clays of the last glacial/interglacial transition and the potential/difficulties of calibrating Late Weichselian â€˜absoluteâ€™ chronologies. Boreas, 1993, 22, 113-128.	1.2	94
9	Tropical tales of polar ice: evidence of Last Interglacial polar ice sheet retreat recorded by fossil reefs of the granitic Seychelles islands. Quaternary Science Reviews, 2015, 107, 182-196.	1.4	94
10	Shotgun Environmental DNA, Pollen, and Macrofossil Analysis of Lateglacial Lake Sediments From Southern Sweden. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	91
11	The influence of refugial population on Lateglacial and early Holocene vegetational changes in Romania. Review of Palaeobotany and Palynology, 2007, 145, 305-320.	0.8	88
12	Evidence for the occurrence of Vedde Ash in Sweden: radiocarbon and calendar age estimates. Journal of Quaternary Science, 1998, 13, 271-274.	1.1	86
13	Extending the limits of the Borrobol Tephra to Scandinavia and detection of new early Holocene tephras. Quaternary Research, 2003, 59, 345-352.	1.0	85
14	Extending the known distribution of the Younger Dryas Vedde Ash into northwestern Russia. Journal of Quaternary Science, 2000, 15, 581-586.	1.1	84
15	Archaeal community changes in Lateglacial lake sediments: Evidence from ancient DNA. Quaternary Science Reviews, 2018, 181, 19-29.	1.4	78
16	Cryptotephra sedimentation processes within two lacustrine sequences from west central Sweden. Holocene, 2007, 17, 319-330.	0.9	77
17	Palaeolimnological and sedimentary responses to Holocene forest retreat in the Scandes Mountains, west-central Sweden. Holocene, 2004, 14, 862-876.	0.9	75
18	Geochemical responses to paleoclimatic changes in southern Sweden since the late glacial: the HÃsseldala Port lake sediment record. Journal of Paleolimnology, 2013, 50, 57-70.	0.8	74

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19	Rainfall variations in central Indo-Pacific over the past 2,700 y. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17201-17206.	3.3	73
20	Were last glacial climate events simultaneous between Greenland and France? A quantitative comparison using nonâ€tuned chronologies. Journal of Quaternary Science, 2010, 25, 387-394.	1.1	67
21	Testing commonly used Xâ€ray fluorescence core scanningâ€based proxies for organicâ€rich lake sediments and peat. Boreas, 2016, 45, 180-189.	1.2	67
22	Late-Glacial and Holocene forest dynamics at Steregoiu in the Gutaiului Mountains, Northwest Romania. Review of Palaeobotany and Palynology, 2003, 124, 79-111.	0.8	66
23	Final deglaciation of the Scandinavian Ice Sheet and implications for the Holocene global sea-level budget. Earth and Planetary Science Letters, 2016, 448, 34-41.	1.8	66
24	Were there two Borrobol Tephras during the early Lateglacial period: implications for tephrochronology?. Quaternary Science Reviews, 2004, 23, 581-589.	1.4	65
25	Climate and environment on the Karelian Isthmus, northwestern Russia, 13000-9000 cal. yrs BP. Boreas, 2002, 31, 1-19.	1.2	65
26	Climate and environment during the Younger Dryas (GS-1) as reflected by composite stable isotope records of lacustrine carbonates at Torreberga, southern Sweden. Journal of Quaternary Science, 1999, 14, 17-28.	1.1	63
27	Records of environmental changes during the Holocene from Isla de los Estados (54.4Â°S), southeastern Tierra del Fuego. Global and Planetary Change, 2010, 74, 99-113.	1.6	62
28	Holocene tephra horizons at Klocka Bog, west-central Sweden: aspects of reproducibility in subarctic peat deposits. Journal of Quaternary Science, 2004, 19, 241-249.	1.1	59
29	The Swedish Time Scale: A Potential Calibration Tool for the Radiocarbon Time Scale During the Late Weichselian. Radiocarbon, 1995, 37, 347-359.	0.8	55
30	Lateglacial and early Holocene vegetation development in the Gutaiului Mountains, northwestern Romania. Quaternary Science Reviews, 2002, 21, 1039-1059.	1.4	55
31	Iceâ€free conditions in Sweden during Marine Oxygen Isotope Stage 3?. Boreas, 2010, 39, 377-398.	1.2	55
32	Reconstruction of climatic and environmental changes in NW Romania during the early part of the last deglaciation (â¼15,000â€“13,600cal yr BP). Quaternary Science Reviews, 2001, 20, 1897-1914.	1.4	54
33	Fennoscandian freshwater control on Greenland hydroclimate shifts at the onset of the Younger Dryas. Nature Communications, 2015, 6, 8939.	5.8	54
34	Deglacial vegetation succession and Holocene tree-limit dynamics in the Scandes Mountains, west-central Sweden: stratigraphic data compared to megafossil evidence. Review of Palaeobotany and Palynology, 2005, 134, 129-151.	0.8	53
35	Climatic and environmental changes in north-western Russia between 15,000 and 8000calyrBP: a review. Quaternary Science Reviews, 2007, 26, 1871-1883.	1.4	53
36	Timing of the Last-Interglacial High Sea Level on the Seychelles Islands, Indian Ocean. Quaternary Research, 1999, 51, 306-316.	1.0	52

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37	Early Holocene plant and animal remains from North-east Greenland. Journal of Biogeography, 1999, 26, 667-677.	1.4	50
38	Simulated climate conditions in Europe during the Marine Isotope Stage 3 stadial. Boreas, 2010, 39, 436-456.	1.2	47
39	Lateglacial climate development in NW Romania â€" Comparative results from three quantitative pollen-based methods. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 265, 121-133.	1.0	45
40	Deglacial environmental changes on Isla de los Estados (54.4Â°S), southeastern Tierra del Fuego. Quaternary Science Reviews, 2008, 27, 1541-1554.	1.4	44
41	Quaternary of Norden. Episodes, 2008, 31, 73-81.	0.8	43
42	A new middle Holocene varve diagram from the river Ã...ngermanalven, northern Sweden: indications for a possible error in the Holocene varve chronology. Boreas, 1997, 26, 347-353.	1.2	41
43	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
44	Stomatal proxy record of CO2 concentrations from the last termination suggests an important role for CO2 at climate change transitions. Quaternary Science Reviews, 2013, 68, 43-58.	1.4	41
45	Time-transgressive environmental shifts across Northern Europe at the onset of the Younger Dryas. Quaternary Science Reviews, 2015, 109, 49-56.	1.4	37
46	Late Glacial and Holocene Palaeoenvironmental Changes in the Rostov-Yaroslavlâ€™ Area, West Central Russia. Journal of Paleolimnology, 2006, 35, 543-569.	0.8	36
47	Late-Glacial and Early Holocene Environmental and Climatic Change at Lake Tambichozero, Southeastern Russian Karelia. Quaternary Research, 2002, 58, 261-272.	1.0	35
48	<scp>A</scp>sian monsoon climate during the <scp>L</scp>ast <scp>G</scp>lacial <scp>M</scp>aximum: palaeoâ€dataâ€“model comparisons. Boreas, 2014, 43, 220-242.	1.2	35
49	Environment and climate in southwestern Switzerland during the last termination, 15-10 ka BP. Quaternary Science Reviews, 1994, 13, 361-394.	1.4	34
50	Paleolimnological response to millennial and centennial scale climate variability during MIS 3 and 2 as suggested by the diatom record in Les Echets, France. Quaternary Science Reviews, 2008, 27, 1493-1504.	1.4	34
51	Climateâ€driven changes in lake conditions during late MIS 3 and MIS 2: a highâ€resolution geochemical record from Les Echets, France. Boreas, 2009, 38, 230-243.	1.2	31
52	Hydroclimatic shifts in northeast Thailand during the last two millennia â€“ the record of Lake Pa Kho. Quaternary Science Reviews, 2015, 111, 62-71.	1.4	31
53	The relationship between annual varve thickness and maximum annual discharge (1909â€“1971). Journal of Hydrology, 2002, 263, 23-35.	2.3	30
54	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. Holocene, 2004, 14, 732-746.	0.9	30

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55	An 800â€year long, radiocarbonâ€dated varve chronology from southâ€eastern Sweden. Boreas, 1998, 27, 243-257.	1.2	29
56	Human adaptation to mid- to late-Holocene climate change in Northeast Thailand. Holocene, 2016, 26, 1875-1886.	0.9	29
57	Climate and environment in southwest Sweden 15.5â€“11.3Âcal. ka <scp>BP</scp>. Boreas, 2018, 47, 687-710.	1.2	28
58	Timing of the first drainage of the Baltic Ice Lake synchronous with the onset of Greenland Stadial 1. Boreas, 2016, 45, 322-334.	1.2	27
59	The climatic significance of clastic varves in the Ã…ngermanÃlven Estuary, northern Sweden, AD 1860 to 1950. Holocene, 1998, 8, 521-534.	0.9	26
60	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. Journal of Paleolimnology, 2013, 50, 433-446.	0.8	26
61	Synchronous records of pCO2 and Î”14C suggest rapid, ocean-derived pCO2 fluctuations at the onset of Younger Dryas. Quaternary Science Reviews, 2014, 99, 84-96.	1.4	26
62	Early Holocene environment on BjÃ¸rnÃ¸ya (Svalbard) inferred from multidisciplinary lake sediment studies. Polar Research, 1995, 14, 253-275.	1.6	26
63	Holocene environmental changes in northeast Thailand as reconstructed from a tropical wetland. Global and Planetary Change, 2012, 92-93, 148-161.	1.6	25
64	A 2000-year leaf wax-based hydrogen isotope record from Southeast Asia suggests low frequency ENSO-like teleconnections on a centennial timescale. Quaternary Science Reviews, 2016, 148, 44-53.	1.4	25
65	AMS Radiocarbon Measurements from the Swedish Varved Clays. Radiocarbon, 2000, 42, 323-333.	0.8	24
66	HÃsseldala â€“ a key site for Last Termination climate events in northern Europe. Boreas, 2017, 46, 143-161.	1.2	24
67	Modest summer temperature variability during DO cycles in western Europe. Quaternary Science Reviews, 2010, 29, 1322-1327.	1.4	23
68	Lake Kumphawapi revisited â€“ The complex climatic and environmental record of a tropical wetland in NE Thailand. Holocene, 2016, 26, 614-626.	0.9	22
69	Diatom assemblage dynamics during abrupt climate change: the response of lacustrine diatoms to Dansgaardâ€“Oeschger cycles during the last glacial period. Journal of Paleolimnology, 2010, 44, 397-404.	0.8	20
70	Ice recession and depositional environment in the Blekinge archipelago of the Baltic Ice Lake. Gff, 1994, 116, 3-12.	0.4	19
71	Large variability in n-alkane Î´13C values in Lake Pa Kho (Thailand) driven by wetland wetness and aquatic productivity. Organic Geochemistry, 2016, 97, 53-60.	0.9	19
72	Late Holocene environmental change at treeline in the northern Coast Mountains, British Columbia, Canada. Quaternary Science Reviews, 2004, 23, 2413-2431.	1.4	15

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73	â€˜Cosmogenic 10 Be ages on the Pomeranian Moraine, Polandâ€™: Comments. Boreas, 2006, 35, 600-604.	1.2	15
74	Age, origin and significance of a new middle MIS 3 tephra horizon identified within a longâ€core sequence from Les Echets, France. Boreas, 2008, 37, 434-443.	1.2	15
75	Floral evidence for high summer temperatures in southern Scandinavia during 15â€“11Âcal ka BP. Quaternary Science Reviews, 2020, 233, 106243.	1.4	15
76	Climate over mainland Southeast Asia 10.5â€“5 ka. Journal of Quaternary Science, 2014, 29, 445-454.	1.1	14
77	The C20 highly branched isoprenoid biomarker â€“ A new diatom-sourced proxy for summer trophic conditions?. Organic Geochemistry, 2015, 81, 27-33.	0.9	14
78	AMS 14C measurements and macrofossil analyses of a varved sequence near Pudozh, eastern Karelia, NW Russia. Boreas, 1999, 28, 575-586.	1.2	14
79	Norway spruce postglacial recolonization of Fennoscandia. Nature Communications, 2022, 13, 1333.	5.8	14
80	14C AMS measurements from the Late Weichselian part of the Swedish Time Scale. Quaternary International, 1995, 27, 11-18.	0.7	13
81	Hydroclimate variability of central Indo-Pacific region during the Holocene. Quaternary Science Reviews, 2021, 253, 106779.	1.4	13
82	An evaluation of the Late Weichselian Swedish varve chronology based on cross-correlation analysis. Gff, 1998, 120, 35-46.	0.4	12
83	Pilgrimstad revisited - a multi-proxy reconstruction of Early/Middle Weichselian climate and environment at a key site in central Sweden. Boreas, 2011, 40, 211-230.	1.2	12
84	Fennoscandian Ice Sheet in MIS 3 - Introduction. Boreas, 2010, 39, 325-327.	1.2	11
85	A paleoecological reconstruction of the Late Glacial and Holocene based on multidisciplinary studies at Steregoiu site (Gutai Mts., Romania). Studia Universitatis Babes-Bolyai, Geologia, 2001, 46, 125-140.	1.0	11
86	A muted El NiÃ±o-like condition during late MIS 3. Quaternary Science Reviews, 2021, 254, 106782.	1.4	9
87	Late glacial and holocene lake level fluctuations in Lake Biel, western Switzerland. Journal of Quaternary Science, 1991, 6, 293-302.	1.1	8
88	Societal response to monsoonal fluctuations in NE Thailand during the demise of Angkor Civilisation. Holocene, 2017, 27, 1455-1464.	0.9	7
89	A 725â€year integrated offshore terrestrial varve chronology for southeastern Sweden suggests rapid ice retreat ~15 ka BP. Boreas, 2021, 50, 477-496.	1.2	7
90	The lithostratigraphy of the Les Echets basin, France: tentative correlation between cores. Boreas, 2007, 36, 326-340.	1.2	6

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91	A Late Glacial paleolake record from an up-dammed river valley in northern Transylvania, Romania. Quaternary International, 2015, 388, 87-96.	0.7	6
92	Abrupt climate change and early lake development â€“ the <scp>L</scp>ateglacial diatom flora at <scp>H</scp>Ãsseldala <scp>P</scp>ort, southeastern <scp>S</scp>weden. Boreas, 2015, 44, 94-102.	1.2	6
93	A 150-year record of phytoplankton community succession controlled by hydroclimatic variability in a tropical lake. Biogeosciences, 2016, 13, 3971-3980.	1.3	4
94	The First Dated Eemian Lacustrine Deposit in Romania. Quaternary Research, 2001, 56, 62-65.	1.0	3
95	AMS ¹⁴C measurements and macrofossil analyses of a varved sequence near Pudozh, eastern Karelia, NW Russia. Boreas, 1999, 28, 575-586.	1.2	3
96	Reply: Were last glacial climate events simultaneous between Greenland and France? A quantitative comparison using nonâ€tuned chronologies. Journal of Quaternary Science, 2010, 25, 1047-1047.	1.1	2
97	Response to: Comment on â€œSynchronous records of pCO2 and Î”14C suggest rapid, ocean-derived pCO2 fluctuations at the onset of Younger Dryasâ€•(Steinthorsdottir etÂal., 2014, Quaternary Science Reviews) Tj ETQq1 1 0.784314 rgBT	1.1	0