

Barbara Wohlfarth

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

7,644
citations

76326

40
h-index

60623

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. | 12.8 | 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. | 2.4 | 7 |
| 3 | A muted El Niño-like condition during late MIS 3. <i>Quaternary Science Reviews</i> , 2021, 254, 106782. | 3.0 | 9 |
| 4 | Hydroclimate variability of central Indo-Pacific region during the Holocene. <i>Quaternary Science Reviews</i> , 2021, 253, 106779. | 3.0 | 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. | 3.0 | 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. | 7.1 | 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, . | 2.2 | 91 |
| 8 | Climate and environment in southwest Sweden 15.5–11.3 cal. ka BP. <i>Boreas</i> , 2018, 47, 687-710. | 2.4 | 28 |
| 9 | Archaeal community changes in Lateglacial lake sediments: Evidence from ancient DNA. <i>Quaternary Science Reviews</i> , 2018, 181, 19-29. | 3.0 | 78 |
| 10 | Hässeldala – a key site for Last Termination climate events in northern Europe. <i>Boreas</i> , 2017, 46, 143-161. | 2.4 | 24 |
| 11 | Societal response to monsoonal fluctuations in NE Thailand during the demise of Angkor Civilisation. <i>Holocene</i> , 2017, 27, 1455-1464. | 1.7 | 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. | 3.3 | 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. | 2.4 | 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. | 4.4 | 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. | 2.4 | 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. | 3.0 | 25 |
| 17 | Human adaptation to mid- to late-Holocene climate change in Northeast Thailand. <i>Holocene</i> , 2016, 26, 1875-1886. | 1.7 | 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. | 1.8 | 19 |

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|----|---|------|-----------|
| 19 | Lake Kumphawapi revisited – The complex climatic and environmental record of a tropical wetland in NE Thailand. <i>Holocene</i> , 2016, 26, 614-626. | 1.7 | 22 |
| 20 | Response to: Comment on “Synchronous records of pCO ₂ and δ ¹³ C suggest rapid, ocean-derived pCO ₂ fluctuations at the onset of Younger Dryas” (Steinthorsdottir et al., 2014, <i>Quaternary Science Reviews</i>) <i>Tj ETQq000 rgBT (Overlock 1</i> | 3.0 | 10 |
| 21 | Hydroclimatic shifts in northeast Thailand during the last two millennia – the record of Lake Pa Kho. <i>Quaternary Science Reviews</i> , 2015, 111, 62-71. | 3.0 | 31 |
| 22 | The C20 highly branched isoprenoid biomarker – A new diatom-sourced proxy for summer trophic conditions?. <i>Organic Geochemistry</i> , 2015, 81, 27-33. | 1.8 | 14 |
| 23 | Fennoscandian freshwater control on Greenland hydroclimate shifts at the onset of the Younger Dryas. <i>Nature Communications</i> , 2015, 6, 8939. | 12.8 | 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. | 3.0 | 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. | 1.5 | 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. | 3.0 | 94 |
| 27 | Abrupt climate change and early lake development – the Lateglacial diatom flora at Håsseldala Port, southeastern Sweden. <i>Boreas</i> , 2015, 44, 94-102. | 2.4 | 6 |
| 28 | Climate over mainland Southeast Asia 10.5–5 ka. <i>Journal of Quaternary Science</i> , 2014, 29, 445-454. | 2.1 | 14 |
| 29 | Asian monsoon climate during the Last Glacial Maximum: palaeoclimate model comparisons. <i>Boreas</i> , 2014, 43, 220-242. | 2.4 | 35 |
| 30 | Synchronous records of pCO ₂ and δ ¹³ C suggest rapid, ocean-derived pCO ₂ fluctuations at the onset of Younger Dryas. <i>Quaternary Science Reviews</i> , 2014, 99, 84-96. | 3.0 | 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. | 1.6 | 26 |
| 32 | Geochemical responses to paleoclimatic changes in southern Sweden since the late glacial: the Håsseldala Port lake sediment record. <i>Journal of Paleolimnology</i> , 2013, 50, 57-70. | 1.6 | 74 |
| 33 | Stomatal proxy record of CO ₂ concentrations from the last termination suggests an important role for CO ₂ at climate change transitions. <i>Quaternary Science Reviews</i> , 2013, 68, 43-58. | 3.0 | 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. | 3.5 | 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. | 2.4 | 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. | 2.1 | 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. | 1.6 | 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. | 2.1 | 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. | 2.1 | 2 |
| 40 | Ice-free conditions in Sweden during Marine Oxygen Isotope Stage 3?. <i>Boreas</i> , 2010, 39, 377-398. | 2.4 | 55 |
| 41 | Fennoscandian Ice Sheet in MIS 3 - Introduction. <i>Boreas</i> , 2010, 39, 325-327. | 2.4 | 11 |
| 42 | Simulated climate conditions in Europe during the Marine Isotope Stage 3 stadial. <i>Boreas</i> , 2010, 39, 436-456. | 2.4 | 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. | 3.5 | 62 |
| 44 | Modest summer temperature variability during DO cycles in western Europe. <i>Quaternary Science Reviews</i> , 2010, 29, 1322-1327. | 3.0 | 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. | 2.4 | 31 |
| 46 | The Last Glacial Maximum. <i>Science</i> , 2009, 325, 710-714. | 12.6 | 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. | 2.4 | 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. | 3.0 | 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. | 3.0 | 44 |
| 50 | Pollen-based quantitative reconstructions of Holocene climate variability in NW Romania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 260, 494-504. | 2.3 | 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. | 2.3 | 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. | 4.4 | 98 |
| 53 | Quaternary of Norden. <i>Episodes</i> , 2008, 31, 73-81. | 1.2 | 43 |
| 54 | Cryptotephra sedimentation processes within two lacustrine sequences from west central Sweden. <i>Holocene</i> , 2007, 17, 319-330. | 1.7 | 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. | 3.0 | 53 |
| 56 | The lithostratigraphy of the Les Echets basin, France: tentative correlation between cores. <i>Boreas</i> , 2007, 36, 326-340. | 2.4 | 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. | 1.5 | 88 |
| 58 | â€Cosmogenic ¹⁰ Be ages on the Pomeranian Moraine, Polandâ€™: Comments. <i>Boreas</i> , 2006, 35, 600-604. | 2.4 | 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. | 1.6 | 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. | 1.5 | 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. | 2.1 | 59 |
| 62 | Palaeolimnological and sedimentary responses to Holocene forest retreat in the Scandes Mountains, west-central Sweden. <i>Holocene</i> , 2004, 14, 862-876. | 1.7 | 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. | 1.7 | 30 |
| 64 | Were there two Borrobol Tephra during the early Lateglacial period: implications for tephrochronology?. <i>Quaternary Science Reviews</i> , 2004, 23, 581-589. | 3.0 | 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. | 3.0 | 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. | 1.7 | 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. | 1.5 | 66 |
| 68 | The relationship between annual varve thickness and maximum annual discharge (1909â€™1971). <i>Journal of Hydrology</i> , 2002, 263, 23-35. | 5.4 | 30 |
| 69 | Lateglacial and early Holocene vegetation development in the Gutaiului Mountains, northwestern Romania. <i>Quaternary Science Reviews</i> , 2002, 21, 1039-1059. | 3.0 | 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. | 1.7 | 35 |
| 71 | Climate and environment on the Karelian Isthmus, northwestern Russia, 13000-9000 cal. yrs BP. <i>Boreas</i> , 2002, 31, 1-19. | 2.4 | 65 |
| 72 | Reconstruction of climatic and environmental changes in NW Romania during the early part of the last deglaciation (âˆ¼15,000â€™13,600cal yr BP). <i>Quaternary Science Reviews</i> , 2001, 20, 1897-1914. | 3.0 | 54 |

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|----|---|-----|-----------|
| 73 | The First Dated Eemian Lacustrine Deposit in Romania. <i>Quaternary Research</i> , 2001, 56, 62-65. | 1.7 | 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. | 2.1 | 84 |
| 76 | AMS Radiocarbon Measurements from the Swedish Varved Clays. <i>Radiocarbon</i> , 2000, 42, 323-333. | 1.8 | 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. | 3.0 | 141 |
| 78 | Early Holocene plant and animal remains from North-east Greenland. <i>Journal of Biogeography</i> , 1999, 26, 667-677. | 3.0 | 50 |
| 79 | Timing of the Last-Interglacial High Sea Level on the Seychelles Islands, Indian Ocean. <i>Quaternary Research</i> , 1999, 51, 306-316. | 1.7 | 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. | 2.1 | 63 |
| 81 | AMS ¹⁴ C measurements and macrofossil analyses of a varved sequence near Pudozh, eastern Karelia, NW Russia. <i>Boreas</i> , 1999, 28, 575-586. | 2.4 | 3 |
| 82 | AMS ¹⁴ C measurements and macrofossil analyses of a varved sequence near Pudozh, eastern Karelia, NW Russia. <i>Boreas</i> , 1999, 28, 575-586. | 2.4 | 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. | 2.1 | 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. | 1.2 | 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. | 1.7 | 26 |
| 87 | An 800-year long, radiocarbon-dated varve chronology from south-eastern Sweden. <i>Boreas</i> , 1998, 27, 243-257. | 2.4 | 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. | 2.4 | 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. | 3.0 | 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. | 1.8 | 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. | 1.5 | 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. | 1.2 | 19 |
| 94 | Environment and climate in southwestern Switzerland during the last termination, 15-10 ka BP. Quaternary Science Reviews, 1994, 13, 361-394. | 3.0 | 34 |
| 95 | Revision of the early Holocene lake sediment based chronology and event stratigraphy on Hochstetter Forland, NE Greenland. Boreas, 1994, 23, 513-523. | 2.4 | 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. | 2.4 | 94 |
| 97 | Late glacial and holocene lake level fluctuations in Lake Biel, western Switzerland. Journal of Quaternary Science, 1991, 6, 293-302. | 2.1 | 8 |