

Minna VÃliranta

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,112
citations

159585

30
h-index

161849

54
g-index

65
all docs

65
docs citations

65
times ranked

3698
citing authors

#	ARTICLE	IF	CITATIONS
1	Postglacial peatland vegetation succession in Store Mosse bog, south-central Sweden: An exploration of factors driving species change. <i>Boreas</i> , 2022, 51, 651-666.	2.4	7
2	Identifying main uncertainties in estimating past and present radiative forcing of peatlands. <i>Global Change Biology</i> , 2022, 28, 4069-4084.	9.5	5
3	Widespread recent ecosystem state shifts in high-latitude peatlands of northeastern Canada and implications for carbon sequestration. <i>Global Change Biology</i> , 2022, 28, 1919-1934.	9.5	20
4	Warming climate forcing impact from a sub-arctic peatland as a result of late Holocene permafrost aggradation and initiation of bare peat surfaces. <i>Quaternary Science Reviews</i> , 2021, 264, 107022.	3.0	3
5	Prolonged interglacial warmth during the Last Glacial in northern Europe. <i>Boreas</i> , 2021, 50, 331-350.	2.4	3
6	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
7	Decreased carbon accumulation feedback driven by climate-induced drying of two southern boreal bogs over recent centuries. <i>Global Change Biology</i> , 2020, 26, 2435-2448.	9.5	40
8	Overlooked organic vapor emissions from thawing Arctic permafrost. <i>Environmental Research Letters</i> , 2020, 15, 104097.	5.2	17
9	Paleoecological assessment of cladoceran community dynamics in two subarctic peatlands. <i>Wetlands</i> , 2019, 39, 831-839.	1.5	2
10	Widespread global peatland establishment and persistence over the last 130,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4822-4827.	7.1	82
11	Widespread drying of European peatlands in recent centuries. <i>Nature Geoscience</i> , 2019, 12, 922-928.	12.9	130
12	Warm summers during the Younger Dryas cold reversal. <i>Nature Communications</i> , 2018, 9, 1634.	12.8	103
13	Climate and environment in southwest Sweden 15.5–11.3 cal. ka BP. <i>Boreas</i> , 2018, 47, 687-710.	2.4	28
14	Late Pleistocene chronology, palaeoecology and stratigraphy at a suite of sites along the Albany River, Hudson Bay Lowlands, Canada. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 492, 50-63.	2.3	6
15	Arctic hydroclimate variability during the last 2000 years: current understanding and research challenges. <i>Climate of the Past</i> , 2018, 14, 473-514.	3.4	54
16	Latitudinal limits to the predicted increase of the peatland carbon sink with warming. <i>Nature Climate Change</i> , 2018, 8, 907-913.	18.8	188
17	Warm summers and rich biotic communities during N-Hemisphere deglaciation. <i>Global and Planetary Change</i> , 2018, 167, 61-73.	3.5	9
18	Abrupt high-latitude climate events and decoupled seasonal trends during the Eemian. <i>Nature Communications</i> , 2018, 9, 2851.	12.8	41

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19	Pollen and macrofossil-inferred palaeoclimate at the Ridge Site, Hudson Bay Lowlands, Canada: evidence for a dry climate and significant recession of the Laurentide Ice Sheet during Marine Isotope Stage 3. <i>Boreas</i> , 2017, 46, 388-401.	2.4	11
20	Lateral expansion and carbon exchange of a boreal peatland in Finland resulting in 7000 years of positive radiative forcing. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 562-577.	3.0	31
21	Comparison of quantitative Holocene temperature reconstructions using multiple proxies from a northern boreal lake. <i>Holocene</i> , 2017, 27, 1745-1755.	1.7	23
22	Testate amoeba as palaeohydrological indicators in the permafrost peatlands of north-east European Russia and Finnish Lapland. <i>Journal of Quaternary Science</i> , 2017, 32, 976-988.	2.1	15
23	Holocene fen-bog transitions, current status in Finland and future perspectives. <i>Holocene</i> , 2017, 27, 752-764.	1.7	42
24	Development of an Eemian (MIS 5e) Interglacial palaeolake at Sokli (N Finland) inferred using multiple proxies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 463, 11-26.	2.3	11
25	First physical evidence for forested environment in the Arctic during MIS 3. <i>Scientific Reports</i> , 2016, 6, 29054.	3.3	16
26	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
27	Reconstruction of Holocene carbon dynamics in a large boreal peatland complex, southern Finland. <i>Quaternary Science Reviews</i> , 2016, 142, 1-15.	3.0	32
28	The extent and meaning of hybridization and introgression between Siberian spruce (<i>Picea</i>) and European spruce (<i>Picea</i>). <i>Molecular Ecology</i> , 2016, 25, 2773-2789.	3.9	54
29	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
30	A combined biogeochemical and palaeobotanical approach to study permafrost environments and past dynamics. <i>Journal of Quaternary Science</i> , 2015, 30, 189-200.	2.1	19
31	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
32	Major cooling intersecting peak Eemian Interglacial warmth in northern Europe. <i>Quaternary Science Reviews</i> , 2015, 122, 293-299.	3.0	28
33	Re-evaluation of late Holocene fire histories of three boreal bogs suggest a link between bog fire and climate. <i>Boreas</i> , 2015, 44, 60-67.	2.4	9
34	Proxy comparison in ancient peat sediments: pollen, macrofossil and plant DNA. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130382.	4.0	69
35	Evaluating environmental drivers of Holocene changes in water chemistry and aquatic biota composition at Lake Loitsana, NE Finland. <i>Journal of Paleolimnology</i> , 2014, 52, 311.	1.6	14
36	Development, carbon accumulation, and radiative forcing of a subarctic fen over the Holocene. <i>Holocene</i> , 2014, 24, 1156-1166.	1.7	26

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37	A database and synthesis of northern peatland soil properties and Holocene carbon and nitrogen accumulation. <i>Holocene</i> , 2014, 24, 1028-1042.	1.7	404
38	Plant macrofossil and biomarker evidence of fen bog transition and associated changes in vegetation in two Finnish peatlands. <i>Holocene</i> , 2014, 24, 828-841.	1.7	10
39	Unexpected Problems in AMS ¹⁴ C Dating of Fen Peat. <i>Radiocarbon</i> , 2014, 56, 95-108.	1.8	26
40	New evidence of warm early-Holocene summers in subarctic Finland based on an enhanced regional chironomid-based temperature calibration model. <i>Quaternary Research</i> , 2014, 81, 50-62.	1.7	48
41	Actinobacteria community structure in the peat profile of boreal bogs follows a variation in the microtopographical gradient similar to vegetation. <i>Plant and Soil</i> , 2013, 369, 103-114.	3.7	22
42	The n-alkane and sterol composition of living fen plants as a potential tool for palaeoecological studies. <i>Organic Geochemistry</i> , 2013, 59, 1-9.	1.8	36
43	Postglacial spatiotemporal peatland initiation and lateral expansion dynamics in North America and northern Europe. <i>Holocene</i> , 2013, 23, 1596-1606.	1.7	76
44	Wetland chronosequence as a model of peatland development: Vegetation succession, peat and carbon accumulation. <i>Holocene</i> , 2013, 23, 25-35.	1.7	62
45	Large shifts in vegetation and climate during the Early Weichselian (MIS 5d-c) inferred from multi-proxy evidence at Sokli (northern Finland). <i>Quaternary Science Reviews</i> , 2012, 41, 22-38.	3.0	30
46	Scattered late-glacial and early Holocene tree populations as dispersal nuclei for forest development in north-eastern European Russia. <i>Journal of Biogeography</i> , 2011, 38, 922-932.	3.0	60
47	Fire history and vegetation recovery in two raised bogs at the Baltic Sea. <i>Journal of Vegetation Science</i> , 2011, 22, 1084-1093.	2.2	47
48	The Holocene thermal maximum and late-Holocene cooling in the tundra of NE European Russia. <i>Quaternary Research</i> , 2011, 75, 501-511.	1.7	59
49	Comparison of Cladocera-based water-depth reconstruction against other types of proxy data in Finnish Lapland. <i>Hydrobiologia</i> , 2011, 676, 155-172.	2.0	21
50	Holocene aquatic ecosystem change in the boreal vegetation zone of northern Finland. <i>Journal of Paleolimnology</i> , 2011, 45, 339-352.	1.6	30
51	Early Weichselian (MIS 5d and 5c) temperatures and environmental changes in northern Fennoscandia as recorded by chironomids and macroremains at Sokli, northeast Finland. <i>Boreas</i> , 2010, 39, 689-704.	2.4	29
52	Conservative composition of n-alkane biomarkers in Sphagnum species: Implications for palaeoclimate reconstruction in ombrotrophic peat bogs. <i>Organic Geochemistry</i> , 2010, 41, 214-220.	1.8	117
53	The importance of northern peatland expansion to the late-Holocene rise of atmospheric methane. <i>Quaternary Science Reviews</i> , 2010, 29, 611-617.	3.0	109
54	Early Weichselian interstadial (MIS 5c) summer temperatures were higher than today in northern Fennoscandia. <i>Quaternary Science Reviews</i> , 2009, 28, 777-782.	3.0	32

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55	The distribution of late-Quaternary woody taxa in northern Eurasia: evidence from a new macrofossil database. <i>Quaternary Science Reviews</i> , 2009, 28, 2445-2464.	3.0	196
56	Vegetation dynamics during the Younger Dryas-Holocene transition in the extreme northern taiga zone, northeastern European Russia. <i>Boreas</i> , 2008, 35, 202-212.	2.4	10
57	Neutral monosaccharides as biomarker proxies for bog-forming plants for application to palaeovegetation reconstruction in ombrotrophic peat deposits. <i>Organic Geochemistry</i> , 2008, 39, 1790-1799.	1.8	56
58	High-resolution reconstruction of wetness dynamics in a southern boreal raised bog, Finland, during the late Holocene: a quantitative approach. <i>Holocene</i> , 2007, 17, 1093-1107.	1.7	136
59	Palaeolimnological Development of Lake Njargajavri, Northern Finnish Lapland, in a Changing Holocene Climate and Environment. <i>Journal of Paleolimnology</i> , 2006, 35, 65-81.	1.6	62
60	Vegetation dynamics during the Younger Dryas-Holocene transition in the extreme northern taiga zone, northeastern European Russia. <i>Boreas</i> , 2006, 35, 202-212.	2.4	22
61	Holocene development of aquatic vegetation in shallow Lake Njargajavri, Finnish Lapland, with evidence of water-level fluctuations and drying. <i>Journal of Paleolimnology</i> , 2005, 34, 203-215.	1.6	43
62	Holocene tree line, permafrost, and climate dynamics in the Nenets Region, East European Arctic. <i>Canadian Journal of Earth Sciences</i> , 2004, 41, 1141-1158.	1.3	34
63	Mid-Holocene palaeoclimatic and palaeohydrological conditions in northeastern European Russia: a multi-proxy study of Lake Vankavad. <i>Journal of Paleolimnology</i> , 2003, 30, 415-426.	1.6	25
64	Holocene climate and landscape evolution East of the Pechora Delta, East-European Russian Arctic. <i>Quaternary Research</i> , 2003, 59, 335-344.	1.7	45
65	Palaeoecological evidence of changes in vegetation and climate during the Holocene in the pre-Polar Urals, northeast European Russia. <i>Journal of Quaternary Science</i> , 2003, 18, 503-520.	2.1	40