

# Anneli Poska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4231241/publications.pdf>

Version: 2024-02-01

42  
papers

1,924  
citations

257450

24  
h-index

276875

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2074  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollen richness: a reflection of vegetation diversity or pollen-specific parameters?. <i>Vegetation History and Archaeobotany</i> , 2022, 31, 611-622.	2.1	8
2	Trilemma of Nordic "Baltic Forestry" How to Implement UN Sustainable Development Goals. <i>Sustainability</i> , 2021, 13, 5643.	3.2	9
3	Mire plant diversity change over the last 10,000 years: Importance of isostatic land uplift, climate and local conditions. <i>Journal of Ecology</i> , 2021, 109, 3634-3651.	4.0	2
4	Bayesian Reconstruction of Past Land Cover From Pollen Data: Model Robustness and Sensitivity to Auxiliary Variables. <i>Earth and Space Science</i> , 2020, 7, e2018EA00057.	2.6	7
5	Long-term effects of climate change on carbon flows through benthic secondary production in small lakes. <i>Freshwater Biology</i> , 2018, 63, 530-538.	2.4	10
6	Contrasting responses to long-term climate change of carbon flows to benthic consumers in two different sized lakes in the Baltic area.. <i>Quaternary Science Reviews</i> , 2018, 187, 168-176.	3.0	1
7	Reading past landscapes: combining modern and historical records, maps, pollen-based vegetation reconstructions, and the socioeconomic background. <i>Landscape Ecology</i> , 2018, 33, 529-546.	4.2	11
8	Drivers of dissolved organic carbon export in a subarctic catchment: Importance of microbial decomposition, sorption-desorption, peatland and lateral flow. <i>Science of the Total Environment</i> , 2018, 622-623, 260-274.	8.0	20
9	Modelling Spatial Compositional Data: Reconstructions of past land cover and uncertainties. <i>Spatial Statistics</i> , 2018, 24, 14-31.	1.9	16
10	Imprints of management history on hemiboreal forest ecosystems in the Baltic States. <i>Ecosphere</i> , 2018, 9, e02503.	2.2	20
11	Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe. <i>Quaternary Science Reviews</i> , 2018, 201, 44-56.	3.0	67
12	Quantifying the effects of land use and climate on Holocene vegetation in Europe. <i>Quaternary Science Reviews</i> , 2017, 171, 20-37.	3.0	97
13	Novel insights into post-glacial vegetation change: functional and phylogenetic diversity in pollen records. <i>Journal of Vegetation Science</i> , 2015, 26, 911-922.	2.2	49
14	Taxon-specific pollen deposition dynamics in a temperate forest zone, SE Poland: the impact of physiological rhythmicity and weather controls. <i>Aerobiologia</i> , 2015, 31, 219-238.	1.7	3
15	Causes of Regional Change "Land Cover. <i>Regional Climate Studies</i> , 2015, , 453-477.	1.2	4
16	Late-Holocene expansion of a south Swedish peatland and its impact on marginal ecosystems: Evidence from dendrochronology, peat stratigraphy and palaeobotanical data. <i>Holocene</i> , 2014, 24, 466-476.	1.7	19
17	Palaeoclimate inferred from $\delta^{18}O$ and palaeobotanical indicators in freshwater tufa of Lake Äntu Sinijärvi, Estonia. <i>Journal of Paleolimnology</i> , 2014, 51, 99-111.	1.6	8
18	Holocene changes in vegetation composition in northern Europe: why quantitative pollen-based vegetation reconstructions matter. <i>Quaternary Science Reviews</i> , 2014, 90, 199-216.	3.0	112

#	ARTICLE	IF	CITATIONS
19	Creating spatially continuous maps of past land cover from point estimates: A new statistical approach applied to pollen data. <i>Ecological Complexity</i> , 2014, 20, 127-141.	2.9	31
20	The VerijÄrv area, South Estonia over the last millennium: A high resolution quantitative land-cover reconstruction based on pollen and historical data. <i>Review of Palaeobotany and Palynology</i> , 2014, 207, 5-17.	1.5	25
21	Long-term drivers of forest composition in a boreonemoral region: the relative importance of climate and human impact. <i>Journal of Biogeography</i> , 2013, 40, 1524-1534.	3.0	58
22	The role of landscape structure in determining palynological and floristic richness. <i>Vegetation History and Archaeobotany</i> , 2013, 22, 39-49.	2.1	44
23	Pollen based quantitative climate reconstructions from the Middle Pleistocene sequences in ÅukÃ³w and Zdany (E Poland): Species and modern analogues based approach. <i>Review of Palaeobotany and Palynology</i> , 2013, 192, 65-78.	1.5	16
24	Palynological richness and pollen sample evenness in relation to local floristic diversity in southern Estonia. <i>Review of Palaeobotany and Palynology</i> , 2011, 166, 344-351.	1.5	66
25	Relative pollen productivity estimates of major anemophilous taxa and relevant source area of pollen in a cultural landscape of the hemi-boreal forest zone (Estonia). <i>Review of Palaeobotany and Palynology</i> , 2011, 167, 30-39.	1.5	58
26	Is there a relationship between crop farming and the <i>Alnus</i> decline in the eastern Baltic region?. <i>Vegetation History and Archaeobotany</i> , 2010, 19, 17-28.	2.1	29
27	Pollen dispersal and deposition characteristics of <i>Abies alba</i> , <i>Fagus sylvatica</i> and <i>Pinus sylvestris</i> , Roztocze region (SE Poland). <i>Vegetation History and Archaeobotany</i> , 2010, 19, 91-101.	2.1	68
28	Variation in annual pollen accumulation rates of <i>Fagus</i> along a N-S transect in Europe based on pollen traps. <i>Vegetation History and Archaeobotany</i> , 2010, 19, 259-270.	2.1	41
29	Linking past cultural developments to palaeoenvironmental changes in Estonia. <i>Vegetation History and Archaeobotany</i> , 2009, 18, 315-327.	2.1	21
30	Using quantitative pollen-based land-cover estimations and a spatial CA_Markov model to reconstruct the development of cultural landscape at RÄµge, South Estonia. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 527-541.	2.1	47
31	Pollen productivity estimates of key European plant taxa for quantitative reconstruction of past vegetation: a review. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 461-478.	2.1	275
32	The use of modelling and simulation approach in reconstructing past landscapes from fossil pollen data: a review and results from the POLLANDCAL network. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 419-443.	2.1	152
33	Pollen size in <i>Carex</i> : The effect of different chemical treatments and mounting media. <i>Grana</i> , 2008, 47, 220-233.	0.8	27
34	The Physical and Social Effects of the Kaali Meteorite Impact - a Review. , 2007, , 265-275.		6
35	New evidence of possible crop introduction to north-eastern Europe during the Stone Age. <i>Vegetation History and Archaeobotany</i> , 2006, 15, 169-179.	2.1	29
36	Integrated palaeoecological and historical data in the service of fine-resolution land use and ecological change assessment during the last 1000 years in RÄµge, southern Estonia. <i>Journal of Biogeography</i> , 2005, 32, 1473-1488.	3.0	64

#	ARTICLE	IF	CITATIONS
37	Early Holocene coastal settlements and palaeoenvironment on the shore of the Baltic Sea at PÄrnu, southwestern Estonia. <i>Quaternary International</i> , 2005, 130, 75-85.	1.5	43
38	A modern pollen-climate calibration set from northern Europe: developing and testing a tool for palaeoclimatological reconstructions. <i>Journal of Biogeography</i> , 2004, 31, 251-267.	3.0	163
39	Holocene annual mean temperature changes in Estonia and their relationship to solar insolation and atmospheric circulation patterns. <i>Quaternary Research</i> , 2004, 61, 22-31.	1.7	127
40	Biostratigraphy and <sup>14</sup> C dating of a lake sediment sequence on the north-west Estonian carbonaceous plateau, interpreted in terms of human impact in the surroundings. <i>Vegetation History and Archaeobotany</i> , 2002, 11, 191-200.	2.1	15
41	Ecological catastrophe in connection with the impact of the Kaali meteorite about 800â€“400 B.C. on the island of Saaremaa, Estonia. <i>Meteoritics and Planetary Science</i> , 2001, 36, 1367-1375.	1.6	32
42	Holocene vegetation and land-use history in the environs of Lake Kahala, northern Estonia. <i>Vegetation History and Archaeobotany</i> , 1999, 8, 185-197.	2.1	24