

# Malin E Kylander

## List of Publications by Year in descending order

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58  
papers

2,009  
citations

257450  
24  
h-index

254184  
43  
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63  
all docs

63  
docs citations

63  
times ranked

2978  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Possible evidence for wet Heinrich phases in tropical NE Australia: the Lynch's Crater deposit. <i>Quaternary Science Reviews</i> , 2008, 27, 468-475.	3.0	96
3	Accurate and precise Pb isotope ratio measurements in environmental samples by MC-ICP-MS. <i>International Journal of Mass Spectrometry</i> , 2004, 232, 205-215.	1.5	83
4	Inference of abrupt changes in noisy geochemical records using transdimensional changepoint models. <i>Earth and Planetary Science Letters</i> , 2011, 311, 182-194.	4.4	79
5	Recommendations for using XRF core scanning as a tool in tephrochronology. <i>Holocene</i> , 2012, 22, 371-375.	1.7	77
6	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
7	The use of principle component analyses in characterising trace and major elemental distribution in a 55kyr peat deposit in tropical Australia: Implications to paleoclimate. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 449-463.	3.9	72
8	A novel geochemical approach to paleorecords of dust deposition and effective humidity: 8500 years of peat accumulation at Store Mosse (the "Great Bog"), Sweden. <i>Quaternary Science Reviews</i> , 2013, 69, 69-82.	3.0	71
9	Early atmospheric metal pollution provides evidence for Chalcolithic/Bronze Age mining and metallurgy in Southwestern Europe. <i>Science of the Total Environment</i> , 2016, 545-546, 398-406.	8.0	71
10	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
11	Natural lead isotope variations in the atmosphere. <i>Earth and Planetary Science Letters</i> , 2010, 290, 44-53.	4.4	59
12	Atmospheric Pb pollution in N Iberia during the late Iron Age/Roman times reconstructed using the high-resolution record of La Molina mire (Asturias, Spain). <i>Journal of Paleolimnology</i> , 2013, 50, 71-86.	1.6	51
13	Two high resolution terrestrial records of atmospheric Pb deposition from New Brunswick, Canada, and Loch Laxford, Scotland. <i>Science of the Total Environment</i> , 2009, 407, 1644-1657.	8.0	44
14	Impact of automobile emissions on the levels of platinum and lead in Accra, Ghana. <i>Journal of Environmental Monitoring</i> , 2003, 5, 91-95.	2.1	41
15	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.	3.0	41
16	Abrupt high-latitude climate events and decoupled seasonal trends during the Eemian. <i>Nature Communications</i> , 2018, 9, 2851.	12.8	41
17	Potentials and problems of building detailed dust records using peat archives: An example from Store Mosse (the "Great Bog"), Sweden. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 156-174.	3.9	39
18	Practical guidelines and recent advances in the Itrax XRF core-scanning procedure. <i>Quaternary International</i> , 2019, 514, 16-29.	1.5	39

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19	Eastern Mediterranean hydroclimate reconstruction over the last 3600 years based on sedimentary n-alkanes, their carbon and hydrogen isotope composition and XRF data from the Gialova Lagoon, SW Greece. Quaternary Science Reviews, 2018, 194, 77-93.	3.0	38
20	The influence of climate, hydrology and permafrost on Holocene peat accumulation at 3500m on the eastern Qinghai-Tibetan Plateau. Quaternary Science Reviews, 2009, 28, 3303-3314.	3.0	37
21	Evaluating paleoproxies for peat decomposition and their relationship to peat geochemistry. Holocene, 2013, 23, 1666-1671.	1.7	29
22	Major cooling intersecting peak Eemian Interglacial warmth in northern Europe. Quaternary Science Reviews, 2015, 122, 293-299.	3.0	28
23	Climate and environment in southwest Sweden 15.5-11.3 cal. ka BP. Boreas, 2018, 47, 687-710.	2.4	28
24	Human bones tell the story of atmospheric mercury and lead exposure at the edge of Roman World. Science of the Total Environment, 2020, 710, 136319.	8.0	28
25	Lead Penetration and Leaching in a Complex Temperate Soil Profile. Environmental Science & Technology, 2008, 42, 3177-3184.	10.0	26
26	Mineral dust as a driver of carbon accumulation in northern latitudes. Scientific Reports, 2018, 8, 6876.	3.3	26
27	Palaeoenvironmental record of glacial lake evolution during the early Holocene at Svalbard, NE Fennoscandia. Boreas, 2014, 43, 362-376.	2.4	25
28	Hässelådal - a key site for Last Termination climate events in northern Europe. Boreas, 2017, 46, 143-161.	2.4	24
29	Anthropogenic Forcings on the Surficial Osmium Cycle. Environmental Science & Technology, 2010, 44, 881-887.	10.0	23
30	Can XRF scanning of speleothems be used as a non-destructive method to identify paleoflood events in caves?. International Journal of Speleology, 2015, 44, 17-23.	1.0	22
31	Middle to late Holocene palaeoenvironmental study of Gialova Lagoon, SW Peloponnese, Greece. Quaternary International, 2018, 476, 46-62.	1.5	22
32	Holocene atmospheric dust deposition in NW Spain. Holocene, 2020, 30, 507-518.	1.7	17
33	Sample preparation procedures for accurate and precise isotope analysis of Pb in peat by multiple collector (MC)-ICP-MS. Journal of Analytical Atomic Spectrometry, 2004, 19, 1275.	3.0	16
34	Paleodust deposition and peat accumulation rates - Bog size matters. Chemical Geology, 2020, 554, 119795.	3.3	16
35	Varved glaciomarine clay in central Sweden before and after the Baltic Ice Lake drainage: a further clue to the drainage events at Mt Billingen. Gff, 2013, 135, 293-307.	1.2	15
36	Procedure for Organic Matter Removal from Peat Samples for XRD Mineral Analysis. Wetlands, 2019, 39, 473-481.	1.5	14

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37	Signature of modern glacial lake outburst floods in fjord sediments (Baker River, southern Chile). <i>Sedimentology</i> , 2021, 68, 2798-2819.	3.1	14
38	It's in your glass: a history of sea level and storminess from the Laphroaig bog, Islay (southwestern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	13
39	A chronology of environmental changes in the Lake Vättern basin from deglaciation to its final isolation. <i>Boreas</i> , 2018, 47, 609-624.	2.4	12
40	Late-Holocene climate and vegetation dynamics in eastern Lesotho highlands. <i>Holocene</i> , 2018, 28, 1483-1494.	1.7	12
41	Testing the applicability of dendrochemistry using X-ray fluorescence to trace environmental contamination at a glassworks site. <i>Science of the Total Environment</i> , 2020, 720, 137429.	8.0	12
42	9000 years of changes in peat organic matter composition in Store Mosse (Sweden) traced using FTIR-ATR. <i>Boreas</i> , 2021, 50, 1161-1178.	2.4	12
43	Late Holocene high precipitation events recorded in lake sediments and catchment geomorphology, Lake Vuoksajärvi, NW Sweden. <i>Boreas</i> , 2015, 44, 676-692.	2.4	11
44	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
45	High-resolution fjord sediment record of a receding glacier with growing intermediate proglacial lake (Steffen Fjord, Chilean Patagonia). <i>Earth Surface Processes and Landforms</i> , 2021, 46, 239-251.	2.5	11
46	Investigating the Mineral Composition of Peat by Combining FTIR-ATR and Multivariate Analysis. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1084.	2.0	11
47	Late glacial (17,060±13,400 cal yr BP) sedimentary and paleoenvironmental evolution of the Sekhokong Range (Drakensberg), southern Africa. <i>PLoS ONE</i> , 2021, 16, e0246821.	2.5	8
48	The last termination in the central South Atlantic. <i>Quaternary Science Reviews</i> , 2015, 123, 193-214.	3.0	7
49	Structural equation modeling of long-term controls on mercury and bromine accumulation in Pinheiro mire (Minas Gerais, Brazil). <i>Science of the Total Environment</i> , 2021, 757, 143940.	8.0	7
50	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
51	Experimental assessment of a large sample cell for laser ablation-ICP-MS, and its application to sediment core micro-analysis. <i>Mikrochimica Acta</i> , 2010, 170, 39-45.	5.0	6
52	Abrupt climate change and early lake development – theateglacial diatom flora at Håsseldala Port, southeastern Sweden. <i>Boreas</i> , 2015, 44, 94-102.	2.4	6
53	New insights from XRF core scanning data into boreal lake ontogeny during the Eemian (Marine) Tj ETQq1 1 0.784314 rgBT /Overlock 15	1.7	5
54	Phosphorus supply affects long-term carbon accumulation in mid-latitude ombrotrophic peatlands. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	5

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55	Synchronous or Not? The Timing of the Younger Dryas and Greenland Stadial-1 Reviewed Using Tephrochronology. Quaternary, 2022, 5, 19.	2.0	3
56	Human Influence on the Global Geochemical Cycle of Lead. Series on Iraq War and Its Consequences, 2007, , 245-272.	0.1	2
57	Landscape development at Lina myr fen, Eastern Gotland, 9000~2500 cal. yr BP. Holocene, 2020, 30, 1205-1219.	1.7	1
58	A South Atlantic island record uncovers shifts in westerlies and hydroclimate during the last glacial. Climate of the Past, 2019, 15, 1939-1958.	3.4	0