

# Alf Lindroos

## List of Publications by Year in descending order

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35  
papers

963  
citations

567247

15  
h-index

454934

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

459  
citing authors

#	ARTICLE	IF	CITATIONS
1	The late Svecofennian granite-migmatite zone of southern Finland—a belt of transpressive deformation and granite emplacement. <i>Precambrian Research</i> , 1993, 64, 295-309.	2.7	137
2	Mortar Dating Using AMS <sup>14</sup> C and Sequential Dissolution: Examples from Medieval, Non-Hydraulic Lime Mortars from the Åland Islands, SW Finland. <i>Radiocarbon</i> , 2007, 49, 47-67.	1.8	96
3	Elemental analyses of pine bark and wood in an environmental study. <i>Science of the Total Environment</i> , 2005, 343, 231-241.	8.0	92
4	Successful AMS <sup>14</sup> C Dating of Non-Hydraulic Lime Mortars from the Medieval Churches of the Åland Islands, Finland. <i>Radiocarbon</i> , 2010, 52, 171-204.	1.8	77
5	AMS <sup>14</sup> C dating of lime mortar. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1997, 123, 487-495.	1.4	71
6	Dating Ancient Mortar. <i>American Scientist</i> , 2003, 91, 130.	0.1	55
7	19 Years of Mortar Dating: Learning from Experience. <i>Radiocarbon</i> , 2014, 56, 619-635.	1.8	51
8	Preparation and Dating of Mortar Samples—Mortar Dating Inter-Comparison Study (MODIS). <i>Radiocarbon</i> , 2017, 59, 1845-1858.	1.8	44
9	Mortar Dating Methodology: Assessing Recurrent Issues and Needs for Further Research. <i>Radiocarbon</i> , 2017, 59, 1859-1871.	1.8	39
10	Late-orogenic Svecofennian deformation in SW Finland constrained by pegmatite emplacement ages. <i>Terra Nova</i> , 1996, 8, 567-574.	2.1	35
11	19 Years of Mortar Dating: Learning from Experience. <i>Radiocarbon</i> , 2014, 56, 619-635.	1.8	28
12	Analysis of trace elements in trunk wood by thick-target PIXE using dry ashing for preconcentration. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 358, 523-528.	1.5	24
13	<sup>14</sup> C Dating of Fire-Damaged Mortars from Medieval Finland. <i>Radiocarbon</i> , 2012, 54, 915-931.	1.8	22
14	Radiocarbon Dating Historical Mortars: Lime Lumps and/or Binder Carbonate?. <i>Radiocarbon</i> , 2018, 60, 875-899.	1.8	20
15	Stratigraphy and geochemistry in the proterozoic mafic volcanic rocks of the Nagu-Korpo area, SW Finland. <i>Precambrian Research</i> , 1986, 32, 297-315.	2.7	19
16	A field guide to mortar sampling for radiocarbon dating*. <i>Archaeometry</i> , 2021, 63, 1121-1140.	1.3	19
17	Temporal changes in elemental composition in decomposing filamentous algae ( <i>Cladophora glomerata</i> ) Tj ETQq1 1 0.784314 rgBT /Ove 646-652.	8.0	18
18	Increased sensitivity in thick-target particle induced X-ray emission analyses using dry ashing for preconcentration. <i>Analytica Chimica Acta</i> , 1999, 378, 273-278.	5.4	15

#	ARTICLE	IF	CITATIONS
19	Late-Svecofennian transpressive deformation in SW Finland—evidence from late-stage D3 structures. <i>Gff</i> , 2005, 127, 129-137.	1.2	15
20	Radiocarbon analysis of mortar from Roman and Byzantine water management installations in the Northwest Quarter of Jerash, Jordan. <i>Journal of Archaeological Science: Reports</i> , 2015, 2, 114-127.	0.5	15
21	Delayed Hardening and Reactivation of Binder Calcite, Common Problems in Radiocarbon Dating of Lime Mortars. <i>Radiocarbon</i> , 2020, 62, 565-577.	1.8	14
22	Radiocarbon Dating of Dutch Mortars Made from Burned Shells. <i>Radiocarbon</i> , 2014, 56, 959-968.	1.8	9
23	Early Proterozoic Svecofennian volcanism and associated plutonism in Enklinge, SW Finland. <i>Precambrian Research</i> , 1990, 47, 307-318.	2.7	8
24	Ramped pyrooxidation: A new approach for radiocarbon dating of lime mortars. <i>Journal of Archaeological Science</i> , 2021, 129, 105366.	2.4	8
25	COMPARISON OF THERMAL DECOMPOSITION AND SEQUENTIAL DISSOLUTION—TWO SAMPLE PREPARATION METHODS FOR RADIOCARBON DATING OF LIME MORTARS. <i>Radiocarbon</i> , 2021, 63, 405-427.	1.8	7
26	Integrated Dating of the Construction and Restoration of the Modena Cathedral Vaults (Northern) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.8	5
27	Multi-Element Analysis of Dry-Ashed Honey Samples by Thick-Target PIXE. <i>International Journal of Environmental Analytical Chemistry</i> , 1998, 69, 273-285.	3.3	4
28	Thick-target PIGE analysis of plant materials preconcentrated by dry ashing. <i>Talanta</i> , 2000, 51, 717-725.	5.5	4
29	Comparison of sample preparation procedures for mortar radiocarbon dating. Case study of Irulegi Castle (Navarre, Spain). <i>Quaternary Geochronology</i> , 2020, 60, 101110.	1.4	3
30	AMS 14C dating at Can Ferrerons, a Roman octagonal building in PremiÀ de Mar, Barcelona. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 275-283.	0.5	2
31	A Chronology of Ancient Earthquake Damage in the Modena Cathedral (Italy): Integrated Dating of Mortars ( <sup>14</sup> C, Pollen Record) and Bricks (TL). <i>International Journal of Architectural Heritage</i> , 2023, 17, 326-342.	3.1	2
32	Determination of trace element profiles in coarse-grained minerals by external millibeam PIXE - A schorl tourmaline study. <i>Bulletin of the Geological Society of Finland</i> , 1995, 67, 47-59.	0.8	2
33	The Roman amphitheatre in Màrida, Spain —Augustan or Flavian? Radiocarbon dating results on mortar carbonate. <i>Geochronometria</i> , 2020, 47, 187-195.	0.8	2
34	Radiocarbon dating of lime plaster from a Roman period cistern in ancient Gerasa, Jerash in Jordan. <i>Journal of Archaeological Science: Reports</i> , 2022, 42, 103373.	0.5	1
35	Revisiting radiocarbon dating of lime mortar and lime plaster from Jerash in Jordan: Sample preparation by stepwise injection of diluted phosphoric acid. <i>Journal of Archaeological Science: Reports</i> , 2022, 41, 103244.	0.5	0