

# Kaare Lund Rasmussen

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

1,153  
citations

394421

19  
h-index

414414

32  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1368  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new seismic velocity model for the Moon from a Monte Carlo inversion of the Apollo lunar seismic data. <i>Geophysical Research Letters</i> , 2000, 27, 1591-1594.	4.0	129
2	Lateglacial vegetation development in Denmark – New evidence based on macrofossils and pollen from Slotseng, a small-scale site in southern Jutland. <i>Quaternary Science Reviews</i> , 2011, 30, 2534-2550.	3.0	76
3	Mercury levels in Danish Medieval human bones. <i>Journal of Archaeological Science</i> , 2008, 35, 2295-2306.	2.4	75
4	Clams before Columbus?. <i>Nature</i> , 1992, 359, 679-679.	27.8	70
5	Pottery firing temperatures: a new method for determining the firing temperature of ceramics and burnt clay. <i>Journal of Archaeological Science</i> , 2012, 39, 1705-1716.	2.4	67
6	Quaternary marine stratigraphy and geochronology in central West Greenland. <i>Boreas</i> , 1994, 23, 194-215.	2.4	56
7	Supernovae and nitrate in the Greenland Ice Sheet. <i>Nature</i> , 1981, 294, 637-639.	27.8	51
8	Silver nanoparticle-induced expression of proteins related to oxidative stress and neurodegeneration in an <i>in vitro</i> human blood-brain barrier model. <i>Nanotoxicology</i> , 2019, 13, 221-239.	3.0	51
9	The distribution of mercury and other trace elements in the bones of two human individuals from medieval Denmark – the chemical life history hypothesis. <i>Heritage Science</i> , 2013, 1, 10.	2.3	39
10	The Effects of Possible Contamination on the Radiocarbon Dating of the Dead Sea Scrolls II: Empirical Methods to Remove Castor Oil and Suggestions for Redating. <i>Radiocarbon</i> , 2009, 51, 1005-1022.	1.8	35
11	Bjerringsholm. A Stratified Excavation on the Central Limfjord, North Jutland. <i>Journal of Danish Archaeology</i> , 1991, 10, 59-96.	0.1	34
12	Mapping diagenesis in archaeological human bones. <i>Heritage Science</i> , 2019, 7, .	2.3	31
13	Toxicological interactions of silver nanoparticles and non-essential metals in human hepatocarcinoma cell line. <i>Toxicology in Vitro</i> , 2017, 40, 134-143.	2.4	29
14	Radiocarbon wiggle-dating of elm declines in northwest Denmark and their significance. <i>Vegetation History and Archaeobotany</i> , 1993, 2, 125.	2.1	28
15	Was He Murdered Or Was He Not? – Part I: Analyses of Mercury in the Remains of <i>Thycho Brahe</i> . <i>Archaeometry</i> , 2013, 55, 1187-1195.	1.3	23
16	Late Pleistocene and Holocene whale remains (Cetacea) from Denmark and adjacent countries: Species, distribution, chronology, and trace element concentrations. <i>Marine Mammal Science</i> , 2010, 26, 253-281.	1.8	21
17	Sampling strategy and analysis of trace element concentrations by inductively coupled plasma mass spectrometry on medieval human bones – the concept of chemical life history. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1591-1599.	1.5	21
18	On the distribution of trace element concentrations in multiple bone elements in 10 Danish medieval and post-medieval individuals. <i>American Journal of Physical Anthropology</i> , 2017, 162, 90-102.	2.1	21

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19	China's brick history and conservation: laboratory results of Shanghai samples from 19th to 20th century. <i>Construction and Building Materials</i> , 2017, 151, 789-800.	7.2	20
20	The constituents of the ink from a Qumran inkwell: new prospects for provenancing the ink on the Dead Sea Scrolls. <i>Journal of Archaeological Science</i> , 2012, 39, 2956-2968.	2.4	19
21	Painting the Palace of Apries II: ancient pigments of the reliefs from the Palace of Apries, Lower Egypt. <i>Heritage Science</i> , 2019, 7, .	2.3	19
22	Convento di San Francesco a Folloni: the function of a Medieval Franciscan Friary seen through the burials. <i>Heritage Science</i> , 2015, 3, .	2.3	18
23	Comparison of mercury and lead levels in the bones of rural and urban populations in Southern Denmark and Northern Germany during the Middle Ages. <i>Journal of Archaeological Science: Reports</i> , 2015, 3, 358-370.	0.5	18
24	Arsenic in Danish and Swedish Mesolithic and Neolithic human bones – diet or diagenesis?. <i>Journal of Archaeological Science</i> , 2009, 36, 2826-2834.	2.4	16
25	Was He Murdered or Was He Not?-Part II: Multi-Elemental Analyses of Hair and Bone Samples from Tycho Brahe and Histopathology of His Bones. <i>Archaeometry</i> , 2017, 59, 918-933.	1.3	14
26	Elucidating the cellular response of silver nanoparticles as a potential combinatorial agent for cisplatin chemotherapy. <i>Journal of Nanobiotechnology</i> , 2020, 18, 164.	9.1	14
27	Rich table but short life: Diffuse idiopathic skeletal hyperostosis in Danish astronomer Tycho Brahe (1546-1601) and its possible consequences. <i>PLoS ONE</i> , 2018, 13, e0195920.	2.5	13
28	Painting the Palace of Apries I: ancient binding media and coatings of the reliefs from the Palace of Apries, Lower Egypt. <i>Heritage Science</i> , 2018, 6, .	2.3	12
29	Schleswig: Medieval leprosy on the boundary between Germany and Denmark. <i>Anthropologischer Anzeiger</i> , 2013, 70, 273-287.	0.4	11
30	Facial approximation of Tycho Brahe's partial skull based on estimated data with TIVMI-AFA3D. <i>Forensic Science International</i> , 2018, 292, 131-137.	2.2	11
31	Monitoring the accumulated water soluble airborne compounds deposited on surfaces of showcases and walls in museums, archives and historical buildings. <i>Heritage Science</i> , 2017, 5, .	2.3	10
32	Copper exposure in medieval and post-medieval Denmark and northern Germany: its relationship to residence location and social position. <i>Heritage Science</i> , 2020, 8, .	2.3	10
33	ON THE EMBALMMENT OF S. FRANCESCO CARACCILO. <i>Archaeometry</i> , 2012, 54, 1100-1113.	1.3	9
34	Did the Romans die of antimony poisoning? The case of a Pompeii water pipe (79 CE). <i>Toxicology Letters</i> , 2017, 281, 184-186.	0.8	9
35	Equation of state for monomolecular films of melittin at air-water interface. <i>Colloid and Polymer Science</i> , 1983, 261, 767-775.	2.1	8
36	Poisonous books: analyses of four sixteenth and seventeenth century book bindings covered with arsenic rich green paint. <i>Heritage Science</i> , 2019, 7, .	2.3	8

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37	Comparison of trace element chemistry in human bones interred in two private chapels attached to Franciscan friaries in Italy and Denmark: an investigation of social stratification in two medieval and post-medieval societies. <i>Heritage Science</i> , 2020, 8, .	2.3	7
38	Trace element distribution in human cortical bone microstructure: the potential for unravelling diet and social status in archaeological bones. <i>Heritage Science</i> , 2020, 8, .	2.3	7
39	Instrumental neutron activation analysis of samples with masses from micrograms to hectograms. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1993, 167, 161-168.	1.5	6
40	Investigations of the relics and altar materials relating to the apostles St James and St Philip at the Basilica dei Santi XII Apostoli in Rome. <i>Heritage Science</i> , 2021, 9, .	2.3	6
41	BICUBIC SPLINE INTERPOLATION: A QUANTITATIVE TEST OF ACCURACY AND EFFICIENCY*. <i>Geophysical Prospecting</i> , 1979, 27, 394-408.	1.9	5
42	Release of lead from Renaissance lead-glazed ceramics from southern Denmark and northern Germany: implications from acetic acid etching experiments. <i>Heritage Science</i> , 2022, 10, .	2.3	5
43	Radiocarbon Dates from Late Neolithic and Early Bronze Age Settlements at Hemmed, HÅjgÃ¥rd and Trappendal, Jutland, Denmark. <i>Journal of Danish Archaeology</i> , 1991, 10, 156-162.	0.1	4
44	Proteome-wide analysis reveals molecular pathways affected by AgNP in a ROS-dependent manner. <i>Nanotoxicology</i> , 2022, 16, 73-87.	3.0	4
45	Produktion af drejet keramik i RibeomrÃ¥det i sen yngre germansk jernalder. , 1998, 41, 143-160.		3
46	The Cretaceousâ€Tertiary transition in South China. <i>Historical Biology</i> , 1994, 7, 251-263.	1.4	2
47	On the diet of Tycho Brahe and his wife: did they consume fish from stagnant pools?. <i>Heritage Science</i> , 2020, 8, .	2.3	2
48	Insights into Della Robbiaâ€™s Terracotta Monument to Cardinal Federighi: Raw Materials and Technologies. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4304.	2.5	2
49	ON THE AGE AND CONTENT OF JAR-35-A SEALED AND INTACT STORAGE JAR FOUND ON THE SOUTHERN PLATEAU OF QUMRAN*. <i>Archaeometry</i> , 2011, 53, 791-808.	1.3	1
50	On the Authenticity of a Relic: An Archaeometric Investigation of the Supposed Bread Sack of Saint Francesco of Assisi. <i>Radiocarbon</i> , 2017, 59, 1425-1433.	1.8	1
51	Defining multiple inhabitations of a cave environment using interdisciplinary archaeometry: the â€Christmas Caveâ€™ of the Wadi en-Nar/Nahal Qidron, West of the Dead Sea. <i>Heritage Science</i> , 2022, 10, .	2.3	1
52	Do you dig your grave with your teeth? Potential interest of the elementary analysis of ancient ceramics regarding public health (Pre-Columbian era, Ecuador). <i>Ethics, Medicine and Public Health</i> , 2022, 23, 100794.	0.9	1
53	Reply to Ira Rabin's Comment on our paper Rasmussen etÂal. (2012). <i>Journal of Archaeological Science</i> , 2014, 43, 155-158.	2.4	0
54	In the darkest hour: Analyses of a black spot on the last page of the diary of polar explorer JÃrgen BrÃnlund (d. 1907). <i>Archaeometry</i> , 2021, 63, 893-905.	1.3	0

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55	Correction to: Investigations of the relics and altar materials relating to the apostles St James and St Philip at the Basilica dei Santi XII Apostoli in Rome. <i>Heritage Science</i> , 2021, 9, .	2.3	0
56	Materials and technology of mosaics from the House of Charidemos at Halikarnassos (Bodrum,) Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50 70	2.3	0