

# Niels Lynnerup

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86  
papers

3,016  
citations

23  
h-index

54  
g-index

92  
ext. papers

3,693  
ext. citations

4.4  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
86	Population genomics of Bronze Age Eurasia. <i>Nature</i> , <b>2015</b> , 522, 167-72	50.4	827
85	The genetic prehistory of the New World Arctic. <i>Science</i> , <b>2014</b> , 345, 1255832	33.3	204
84	Mummies. <i>American Journal of Physical Anthropology</i> , <b>2007</b> , Suppl 45, 162-90	2.5	195
83	Change of Diet of the Greenland Vikings Determined from Stable Carbon Isotope Analysis and <sup>14</sup> C Dating of Their Bones. <i>Radiocarbon</i> , <b>1999</b> , 41, 157-168	4.6	187
82	Radiocarbon dating of the human eye lens crystallines reveal proteins without carbon turnover throughout life. <i>PLoS ONE</i> , <b>2008</b> , 3, e1529	3.7	169
81	Absence of <i>Yersinia pestis</i> -specific DNA in human teeth from five European excavations of putative plague victims. <i>Microbiology (United Kingdom)</i> , <b>2004</b> , 150, 341-354	2.9	141
80	Early human dispersals within the Americas. <i>Science</i> , <b>2018</b> , 362,	33.3	118
79	Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170940	9.7	101
78	Who was in Harold Bluetooth's army? Strontium isotope investigation of the cemetery at the Viking Age fortress at Trelleborg, Denmark. <i>Antiquity</i> , <b>2011</b> , 85, 476-489	1	78
77	Thickness of the human cranial diploe in relation to age, sex and general body build. <i>Head &amp; Face Medicine</i> , <b>2005</b> , 1, 13	2.4	70
76	Forensic age estimation from the clavicle using 1.0T MRI--preliminary results. <i>Forensic Science International</i> , <b>2014</b> , 234, 7-12	2.6	45
75	Stereolithography: potential applications in anthropological studies. <i>American Journal of Physical Anthropology</i> , <b>1995</b> , 97, 329-33	2.5	45
74	Strontium isotope signals in cremated petrous portions as indicator for childhood origin. <i>PLoS ONE</i> , <b>2014</b> , 9, e101603	3.7	44
73	Gait as evidence. <i>IET Biometrics</i> , <b>2014</b> , 3, 47-54	2.9	41
72	Ancient human parvovirus B19 in Eurasia reveals its long-term association with humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 7557-7562	11.5	39
71	A matter of months: High precision migration chronology of a Bronze Age female. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178834	3.7	36
70	Medical imaging of mummies and bog bodies--a mini-review. <i>Gerontology</i> , <b>2010</b> , 56, 441-8	5.5	36

69	Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. <i>Nature Communications</i> , <b>2018</b> , 9, 4744	17.4	36
68	Population genomics of the Viking world. <i>Nature</i> , <b>2020</b> , 585, 390-396	50.4	35
67	Brief communication: age and fractal dimensions of human sagittal and coronal sutures. <i>American Journal of Physical Anthropology</i> , <b>2003</b> , 121, 332-6	2.5	30
66	Obtaining appropriate interval estimates for age when multiple indicators are used: evaluation of an ad-hoc procedure. <i>International Journal of Legal Medicine</i> , <b>2016</b> , 130, 489-99	3.1	29
65	Age estimation in the living: Transition analysis on developing third molars. <i>Forensic Science International</i> , <b>2015</b> , 257, 512.e1-512.e7	2.6	23
64	Bog bodies. <i>Anatomical Record</i> , <b>2015</b> , 298, 1007-12	2.1	23
63	Mapping human mobility during the third and second millennia BC in present-day Denmark. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219850	3.7	22
62	Comparative study on developmental stages of the clavicle by postmortem MRI and CT imaging. <i>Journal of Forensic Radiology and Imaging</i> , <b>2013</b> , 1, 102-106	1.3	20
61	Assessment of age at death by microscopy: unbiased quantification of secondary osteons in femoral cross sections. <i>Forensic Science International</i> , <b>2006</b> , 159 Suppl 1, S100-3	2.6	20
60	Screening archaeological bone for palaeogenetic and palaeoproteomic studies. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235146	3.7	18
59	Facial image identification using Photomodeler. <i>Legal Medicine</i> , <b>2003</b> , 5, 156-60	1.9	18
58	Pathological characterization of keel bone fractures in laying hens does not support external trauma as the underlying cause. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229735	3.7	17
57	Ascertaining year of birth/age at death in forensic cases: A review of conventional methods and methods allowing for absolute chronology. <i>Forensic Science International</i> , <b>2010</b> , 201, 74-8	2.6	17
56	The Thule Inuit Mummies From Greenland. <i>Anatomical Record</i> , <b>2015</b> , 298, 1001-6	2.1	16
55	Body surface area determined by whole-body CT scanning: need for new formulae?. <i>Clinical Physiology and Functional Imaging</i> , <b>2017</b> , 37, 183-193	2.4	14
54	Body mass estimation from the skeleton: An evaluation of 11 methods. <i>Forensic Science International</i> , <b>2017</b> , 281, 183.e1-183.e8	2.6	14
53	Facial recognition and laser surface scan: a pilot study. <i>Forensic Science, Medicine, and Pathology</i> , <b>2009</b> , 5, 167-73	1.5	14
52	Evaluating osteological ageing from digital data. <i>Journal of Anatomy</i> , <b>2019</b> , 235, 386-395	2.9	14

51	Strengthening the role of forensic anthropology in personal identification: Position statement by the Board of the Forensic Anthropology Society of Europe (FASE). <i>Forensic Science International</i> , <b>2020</b> , 315, 110456	2.6	13
50	Investigating Intra-Individual Dietary Changes and 14C Ages Using High-Resolution $\delta^{13}C$ and $\delta^{15}N$ Isotope Ratios and 14C Ages Obtained from Dentine Increments. <i>Radiocarbon</i> , <b>2015</b> , 57, 665-677	4.6	12
49	The Status of Forensic Anthropology in Europe and South Africa: Results of the 2016 FASE Questionnaire on Forensic Anthropology. <i>Journal of Forensic Sciences</i> , <b>2019</b> , 64, 1017-1025	1.8	11
48	Rich table but short life: Diffuse idiopathic skeletal hyperostosis in Danish astronomer Tycho Brahe (1546-1601) and its possible consequences. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195920	3.7	11
47	Autopsy practice in forensic pathology - evidence-based or experience-based? a review of autopsies performed on victims of traumatic asphyxia in a mass disaster. <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2014</b> , 22, 33-6	1.7	11
46	Third molar development in a contemporary Danish 13-25year old population. <i>Forensic Science International</i> , <b>2018</b> , 289, 12-17	2.6	11
45	Cardiac left ventricular myocardial tissue density, evaluated by computed tomography and autopsy. <i>BMC Medical Imaging</i> , <b>2019</b> , 19, 29	2.9	10
44	Markerless motion capture systems for tracking of persons in forensic biomechanics: an overview. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , <b>2014</b> , 2, 46-65	0.9	10
43	Methods in mummy research. <i>Anthropologischer Anzeiger</i> , <b>2009</b> , 67, 357-84	0.6	10
42	Forensic postmortem computed tomography: volumetric measurement of the heart and liver. <i>Forensic Science, Medicine, and Pathology</i> , <b>2016</b> , 12, 510-516	1.5	9
41	Non-invasive Archaeology of Skeletal Material by CT Scanning and Three-dimensional Reconstruction. <i>International Journal of Osteoarchaeology</i> , <b>1997</b> , 7, 91-94	1.1	8
40	The advantage of CT scans and 3D visualizations in the analysis of three child mummies from the Graeco-Roman Period. <i>Anthropologischer Anzeiger</i> , <b>2015</b> , 72, 55-65	0.6	7
39	Enzymatic maceration of bone: a gentler technique than boiling. <i>Medicine, Science and the Law</i> , <b>2015</b> , 55, 90-6	1.1	7
38	Paranasal sinuses: A problematic proxy for climate adaptation in Neanderthals. <i>Journal of Human Evolution</i> , <b>2016</b> , 97, 176-9	3.1	7
37	Height estimations based on eye measurements throughout a gait cycle. <i>Forensic Science International</i> , <b>2014</b> , 236, 170-4	2.6	7
36	Bone mineral content in medieval Greenland Norse. <i>International Journal of Osteoarchaeology</i> , <b>1997</b> , 7, 235-240	1.1	7
35	Validation of the New Interpretation of Gerasimov's Nasal Projection Method for Forensic Facial Approximation Using CT Data(.). <i>Journal of Forensic Sciences</i> , <b>2016</b> , 61 Suppl 1, S193-200	1.8	7
34	Odontological identification dental charts based upon postmortem computed tomography compared to dental charts based upon postmortem clinical examinations. <i>Forensic Science, Medicine, and Pathology</i> , <b>2020</b> , 16, 272-280	1.5	6

33	Elevated levels of 8-oxoGuo and 8-oxodG in individuals with severe mental illness - An autopsy-based study. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 126, 372-378	7.8	6
32	The Greenland Norse: bones, graves, computers, and DNA. <i>Polar Record</i> , <b>2004</b> , 40, 107-111	0.5	6
31	A Computer Program for the Estimation of Time of Death. <i>Journal of Forensic Sciences</i> , <b>1993</b> , 38, 13477J1.8	1.8	6
30	Coronary artery CT calcium score assessed by direct calcium quantification using atomic absorption spectroscopy and compared to macroscopic and histological assessments. <i>International Journal of Legal Medicine</i> , <b>2019</b> , 133, 1485-1496	3.1	6
29	Facial approximation of Tycho Brahe's partial skull based on estimated data with TIVMI-AFA3D. <i>Forensic Science International</i> , <b>2018</b> , 292, 131-137	2.6	5
28	Expression of vasopressin mRNA in the hypothalamus of individuals with a diagnosis of schizophrenia. <i>Brain and Behavior</i> , <b>2019</b> , 9, e01355	3.4	5
27	Temporal changes in childhood health during the medieval Little Ice Age in Denmark. <i>International Journal of Paleopathology</i> , <b>2019</b> , 27, 80-87	1.5	5
26	Technical note: histological staining of secondary osteons. <i>American Journal of Physical Anthropology</i> , <b>1995</b> , 98, 391-4	2.5	5
25	Technical Note: The Forensic Anthropology Society of Europe (FASE) Map of Identified Osteological Collections. <i>Forensic Science International</i> , <b>2021</b> , 328, 110995	2.6	5
24	Clinical forensic medicine in Eastern Denmark: Organisation and assessments. <i>Medicine, Science and the Law</i> , <b>2020</b> , 60, 150-158	1.1	4
23	Transition analysis applied to third molar development in a Danish population. <i>Forensic Science International</i> , <b>2020</b> , 308, 110145	2.6	4
22	Post-mortem computed tomography as part of dental identification - a proposed guideline. <i>Forensic Science, Medicine, and Pathology</i> , <b>2019</b> , 15, 574-579	1.5	4
21	CT imaging vs. traditional radiographic imaging for evaluating Harris Lines in tibiae. <i>Anthropologischer Anzeiger</i> , <b>2016</b> , 73,	0.6	4
20	Forensic 3D documentation of skin injuries using photogrammetry: photographs vs video and manual vs automatic measurements. <i>International Journal of Legal Medicine</i> , <b>2019</b> , 133, 963-971	3.1	4
19	Matching profiles of masked perpetrators: a pilot study. <i>Medicine, Science and the Law</i> , <b>2010</b> , 50, 200-4	1.1	3
18	Response to Drancourt and Raoult. <i>Microbiology (United Kingdom)</i> , <b>2004</b> , 150, 264-265	2.9	3
17	Epicardial adipose tissue volume estimation by postmortem computed tomography of eviscerated hearts. <i>Forensic Science, Medicine, and Pathology</i> , <b>2017</b> , 13, 468-472	1.5	2
16	Norse anthropological remains. <i>Polar Record</i> , <b>1991</b> , 27, 132-133	0.5	2

15	Investigating dietary patterns and organisational structure by using stable isotope analysis: a pilot study of the Danish medieval leprosy hospital at NØtved. <i>Anthropologischer Anzeiger</i> , <b>2019</b> , 76, 167-187	0.6	2
14	Leprosy in medieval Denmark: Exploring life histories through a multi-tissue and multi-isotopic approach. <i>American Journal of Physical Anthropology</i> , <b>2021</b> , 176, 36-53	2.5	2
13	Lateral angle and cranial base sexual dimorphism: a morphometric evaluation using computerised tomography scans of a modern documented autopsy population from Denmark. <i>Anthropologischer Anzeiger</i> , <b>2016</b> , 73,	0.6	2
12	A method for estimating age of medieval sub-adults from infancy to adulthood based on long bone length. <i>American Journal of Physical Anthropology</i> , <b>2016</b> , 159, 135-45	2.5	2
11	Person identification by gait analysis and photogrammetry. <i>Journal of Forensic Sciences</i> , <b>2005</b> , 50, 112-8	1.8	2
10	Establishing post mortem criteria for the metabolic syndrome: an autopsy based cross-sectional study. <i>Diabetology and Metabolic Syndrome</i> , <b>2018</b> , 10, 36	5.6	1
9	Identifying suspects by matching hand photographs with video evidence. <i>Forensic Science, Medicine, and Pathology</i> , <b>2015</b> , 11, 504-8	1.5	1
8	Forensic anthropological video-based cases at the Department of Forensic Medicine, University of Copenhagen: a 10-year retrospective review. <i>Scandinavian Journal of Forensic Science</i> , <b>2019</b> , 25, 9-13	0.4	1
7	Enlargement of the human adrenal zona fasciculata and chronic psychiatric illness - an autopsy-based study. <i>Stress</i> , <b>2020</b> , 23, 69-76	3	1
6	Life-threatening danger assessments of penetrating injuries in Eastern Danish clinical forensic medicine. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 861-870	3.1	1
5	HOMED-homicides eastern Denmark: an introduction to a forensic medical homicide database. <i>Scandinavian Journal of Public Health</i> , <b>2014</b> , 42, 683-6	3	0
4	The legal impact of forensic medical life-threatening danger assessment conclusions in cases of violent offense. <i>Forensic Science International</i> , <b>2021</b> , 329, 111034	2.6	0
3	Forensic Science in Denmark <b>2014</b> , 67-72		
2	Comparison of hippocampal volume measurement by autopsy and post-mortem magnetic resonance imaging. <i>Forensic Science, Medicine, and Pathology</i> , <b>2020</b> , 16, 119-122	1.5	
1	The usefulness of a trauma probability of survival model for forensic life-threatening danger assessments. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 871-877	3.1	