

Niels Lynnerup

List of Publications by Year in Descending Order

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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	Leprosy in medieval Denmark: Exploring life histories through a multi-tissue and multi-isotopic approach. <i>American Journal of Physical Anthropology</i> , 2021 , 176, 36-53	2.5	2
85	The usefulness of a trauma probability of survival model for forensic life-threatening danger assessments. <i>International Journal of Legal Medicine</i> , 2021 , 135, 871-877	3.1	
84	Life-threatening danger assessments of penetrating injuries in Eastern Danish clinical forensic medicine. <i>International Journal of Legal Medicine</i> , 2021 , 135, 861-870	3.1	1
83	The legal impact of forensic medical life-threatening danger assessment conclusions in cases of violent offense. <i>Forensic Science International</i> , 2021 , 329, 111034	2.6	0
82	Technical Note: The Forensic Anthropology Society of Europe (FASE) Map of Identified Osteological Collections. <i>Forensic Science International</i> , 2021 , 328, 110995	2.6	5
81	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> , 2020 , 16, 272-280	1.5	6
80	Pathological characterization of keel bone fractures in laying hens does not support external trauma as the underlying cause. <i>PLoS ONE</i> , 2020 , 15, e0229735	3.7	17
79	Screening archaeological bone for palaeogenetic and palaeoproteomic studies. <i>PLoS ONE</i> , 2020 , 15, e0235146	3.5	18
78	Clinical forensic medicine in Eastern Denmark: Organisation and assessments. <i>Medicine, Science and the Law</i> , 2020 , 60, 150-158	1.1	4
77	Transition analysis applied to third molar development in a Danish population. <i>Forensic Science International</i> , 2020 , 308, 110145	2.6	4
76	Comparison of hippocampal volume measurement by autopsy and post-mortem magnetic resonance imaging. <i>Forensic Science, Medicine, and Pathology</i> , 2020 , 16, 119-122	1.5	
75	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> , 2020 , 315, 110456	2.6	13
74	Population genomics of the Viking world. <i>Nature</i> , 2020 , 585, 390-396	50.4	35
73	Enlargement of the human adrenal zona fasciculata and chronic psychiatric illness - an autopsy-based study. <i>Stress</i> , 2020 , 23, 69-76	3	1
72	Cardiac left ventricular myocardial tissue density, evaluated by computed tomography and autopsy. <i>BMC Medical Imaging</i> , 2019 , 19, 29	2.9	10
71	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> , 2019 , 64, 1017-1025	1.8	11
70	Mapping human mobility during the third and second millennia BC in present-day Denmark. <i>PLoS ONE</i> , 2019 , 14, e0219850	3.7	22

69	Expression of vasopressin mRNA in the hypothalamus of individuals with a diagnosis of schizophrenia. <i>Brain and Behavior</i> , 2019 , 9, e01355	3.4	5
68	Post-mortem computed tomography as part of dental identification - a proposed guideline. <i>Forensic Science, Medicine, and Pathology</i> , 2019 , 15, 574-579	1.5	4
67	Temporal changes in childhood health during the medieval Little Ice Age in Denmark. <i>International Journal of Paleopathology</i> , 2019 , 27, 80-87	1.5	5
66	Investigating dietary patterns and organisational structure by using stable isotope analysis: a pilot study of the Danish medieval leprosy hospital at Njrtved. <i>Anthropologischer Anzeiger</i> , 2019 , 76, 167-187	0.6	2
65	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> , 2019 , 25, 9-13	0.4	1
64	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> , 2019 , 133, 1485-1496	3.1	6
63	Forensic 3D documentation of skin injuries using photogrammetry: photographs vs video and manual vs automatic measurements. <i>International Journal of Legal Medicine</i> , 2019 , 133, 963-971	3.1	4
62	Evaluating osteological ageing from digital data. <i>Journal of Anatomy</i> , 2019 , 235, 386-395	2.9	14
61	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	3.7	11
60	Establishing post mortem criteria for the metabolic syndrome: an autopsy based cross-sectional study. <i>Diabetology and Metabolic Syndrome</i> , 2018 , 10, 36	5.6	1
59	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> , 2018 , 126, 372-378	7.8	6
58	Facial approximation of Tycho Brahe's partial skull based on estimated data with TIVMI-AFA3D. <i>Forensic Science International</i> , 2018 , 292, 131-137	2.6	5
57	Early human dispersals within the Americas. <i>Science</i> , 2018 , 362,	33.3	118
56	Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. <i>Nature Communications</i> , 2018 , 9, 4744	17.4	36
55	Third molar development in a contemporary Danish 13-25year old population. <i>Forensic Science International</i> , 2018 , 289, 12-17	2.6	11
54	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> , 2018 , 115, 7557-7562	11.5	39
53	Body surface area determined by whole-body CT scanning: need for new formulae?. <i>Clinical Physiology and Functional Imaging</i> , 2017 , 37, 183-193	2.4	14
52	A matter of months: High precision migration chronology of a Bronze Age female. <i>PLoS ONE</i> , 2017 , 12, e0178834	3.7	36

51	Body mass estimation from the skeleton: An evaluation of 11 methods. <i>Forensic Science International</i> , 2017 , 281, 183.e1-183.e8	2.6	14
50	Epicardial adipose tissue volume estimation by postmortem computed tomography of eviscerated hearts. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 468-472	1.5	2
49	Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. <i>PLoS ONE</i> , 2017 , 12, e0170940	3.7	101
48	Obtaining appropriate interval estimates for age when multiple indicators are used: evaluation of an ad-hoc procedure. <i>International Journal of Legal Medicine</i> , 2016 , 130, 489-99	3.1	29
47	Paranasal sinuses: A problematic proxy for climate adaptation in Neanderthals. <i>Journal of Human Evolution</i> , 2016 , 97, 176-9	3.1	7
46	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> , 2016 , 73,	0.6	2
45	CT imaging vs. traditional radiographic imaging for evaluating Harris Lines in tibiae. <i>Anthropologischer Anzeiger</i> , 2016 , 73,	0.6	4
44	Validation of the New Interpretation of Gerasimov's Nasal Projection Method for Forensic Facial Approximation Using CT Data(.). <i>Journal of Forensic Sciences</i> , 2016 , 61 Suppl 1, S193-200	1.8	7
43	Forensic postmortem computed tomography: volumetric measurement of the heart and liver. <i>Forensic Science, Medicine, and Pathology</i> , 2016 , 12, 510-516	1.5	9
42	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> , 2016 , 159, 135-45	2.5	2
41	Age estimation in the living: Transition analysis on developing third molars. <i>Forensic Science International</i> , 2015 , 257, 512.e1-512.e7	2.6	23
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> , 2015 , 72, 55-65	0.6	7
39	Enzymatic maceration of bone: a gentler technique than boiling. <i>Medicine, Science and the Law</i> , 2015 , 55, 90-6	1.1	7
38	The Thule Inuit Mummies From Greenland. <i>Anatomical Record</i> , 2015 , 298, 1001-6	2.1	16
37	Bog bodies. <i>Anatomical Record</i> , 2015 , 298, 1007-12	2.1	23
36	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> , 2015 , 57, 665-677	4.6	12
35	Identifying suspects by matching hand photographs with video evidence. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 504-8	1.5	1
34	Population genomics of Bronze Age Eurasia. <i>Nature</i> , 2015 , 522, 167-72	50.4	827

33	Height estimations based on eye measurements throughout a gait cycle. <i>Forensic Science International</i> , 2014 , 236, 170-4	2.6	7
32	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> , 2014 , 22, 33-6	1.7	11
31	Forensic age estimation from the clavicle using 1.0T MRI--preliminary results. <i>Forensic Science International</i> , 2014 , 234, 7-12	2.6	45
30	Gait as evidence. <i>IET Biometrics</i> , 2014 , 3, 47-54	2.9	41
29	The genetic prehistory of the New World Arctic. <i>Science</i> , 2014 , 345, 1255832	33.3	204
28	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> , 2014 , 2, 46-65	0.9	10
27	Strontium isotope signals in cremated petrous portions as indicator for childhood origin. <i>PLoS ONE</i> , 2014 , 9, e101603	3.7	44
26	HOMED-homicides eastern Denmark: an introduction to a forensic medical homicide database. <i>Scandinavian Journal of Public Health</i> , 2014 , 42, 683-6	3	0
25	Forensic Science in Denmark 2014 , 67-72		
24	Comparative study on developmental stages of the clavicle by postmortem MRI and CT imaging. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 102-106	1.3	20
23	Who was in Harold Bluetooth's army? Strontium isotope investigation of the cemetery at the Viking Age fortress at Trelleborg, Denmark. <i>Antiquity</i> , 2011 , 85, 476-489	1	78
22	Matching profiles of masked perpetrators: a pilot study. <i>Medicine, Science and the Law</i> , 2010 , 50, 200-4	1.1	3
21	Medical imaging of mummies and bog bodies--a mini-review. <i>Gerontology</i> , 2010 , 56, 441-8	5.5	36
20	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> , 2010 , 201, 74-8	2.6	17
19	Facial recognition and laser surface scan: a pilot study. <i>Forensic Science, Medicine, and Pathology</i> , 2009 , 5, 167-73	1.5	14
18	Methods in mummy research. <i>Anthropologischer Anzeiger</i> , 2009 , 67, 357-84	0.6	10
17	Radiocarbon dating of the human eye lens crystallines reveal proteins without carbon turnover throughout life. <i>PLoS ONE</i> , 2008 , 3, e1529	3.7	169
16	Mummies. <i>American Journal of Physical Anthropology</i> , 2007 , Suppl 45, 162-90	2.5	195

15	Assessment of age at death by microscopy: unbiased quantification of secondary osteons in femoral cross sections. <i>Forensic Science International</i> , 2006 , 159 Suppl 1, S100-3	2.6	20
14	Thickness of the human cranial diploe in relation to age, sex and general body build. <i>Head & Face Medicine</i> , 2005 , 1, 13	2.4	70
13	Person identification by gait analysis and photogrammetry. <i>Journal of Forensic Sciences</i> , 2005 , 50, 112-8	1.8	2
12	Absence of <i>Yersinia pestis</i> -specific DNA in human teeth from five European excavations of putative plague victims. <i>Microbiology (United Kingdom)</i> , 2004 , 150, 341-354	2.9	141
11	The Greenland Norse: bones, graves, computers, and DNA. <i>Polar Record</i> , 2004 , 40, 107-111	0.5	6
10	Response to Drancourt and Raoult. <i>Microbiology (United Kingdom)</i> , 2004 , 150, 264-265	2.9	3
9	Brief communication: age and fractal dimensions of human sagittal and coronal sutures. <i>American Journal of Physical Anthropology</i> , 2003 , 121, 332-6	2.5	30
8	Facial image identification using Photomodeler. <i>Legal Medicine</i> , 2003 , 5, 156-60	1.9	18
7	Change of Diet of the Greenland Vikings Determined from Stable Carbon Isotope Analysis and ¹⁴ C Dating of Their Bones. <i>Radiocarbon</i> , 1999 , 41, 157-168	4.6	187
6	Non-invasive Archaeology of Skeletal Material by CT Scanning and Three-dimensional Reconstruction. <i>International Journal of Osteoarchaeology</i> , 1997 , 7, 91-94	1.1	8
5	Bone mineral content in medieval Greenland Norse. <i>International Journal of Osteoarchaeology</i> , 1997 , 7, 235-240	1.1	7
4	Stereolithography: potential applications in anthropological studies. <i>American Journal of Physical Anthropology</i> , 1995 , 97, 329-33	2.5	45
3	Technical note: histological staining of secondary osteons. <i>American Journal of Physical Anthropology</i> , 1995 , 98, 391-4	2.5	5
2	A Computer Program for the Estimation of Time of Death. <i>Journal of Forensic Sciences</i> , 1993 , 38, 13477J	1.8	6
1	Norse anthropological remains. <i>Polar Record</i> , 1991 , 27, 132-133	0.5	2