

Niels Lynnerup

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

4,294
citations

201575

27
h-index

123376

61
g-index

92
all docs

92
docs citations

92
times ranked

5820
citing authors

#	ARTICLE	IF	CITATIONS
1	Population genomics of Bronze Age Eurasia. <i>Nature</i> , 2015, 522, 167-172.	13.7	1,166
2	The genetic prehistory of the New World Arctic. <i>Science</i> , 2014, 345, 1255832.	6.0	264
3	Early human dispersals within the Americas. <i>Science</i> , 2018, 362, .	6.0	230
4	Mummies. <i>American Journal of Physical Anthropology</i> , 2007, 134, 162-190.	2.1	218
5	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.	0.8	212
6	Radiocarbon Dating of the Human Eye Lens Crystallines Reveal Proteins without Carbon Turnover throughout Life. <i>PLoS ONE</i> , 2008, 3, e1529.	1.1	203
7	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.	0.7	168
8	Population genomics of the Viking world. <i>Nature</i> , 2020, 585, 390-396.	13.7	143
9	Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. <i>PLoS ONE</i> , 2017, 12, e0170940.	1.1	136
10	Thickness of the human cranial diploe in relation to age, sex and general body build. <i>Head & Face Medicine</i> , 2005, 1, 13.	0.8	94
11	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.	0.5	88
12	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.	3.3	64
13	Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. <i>Nature Communications</i> , 2018, 9, 4744.	5.8	63
14	Strontium Isotope Signals in Cremated Petrous Portions as Indicator for Childhood Origin. <i>PLoS ONE</i> , 2014, 9, e101603.	1.1	62
15	Stereolithography: Potential applications in anthropological studies. <i>American Journal of Physical Anthropology</i> , 1995, 97, 329-333.	2.1	60
16	A matter of months: High precision migration chronology of a Bronze Age female. <i>PLoS ONE</i> , 2017, 12, e0178834.	1.1	60
17	Gait as evidence. <i>IET Biometrics</i> , 2014, 3, 47-54.	1.6	57
18	Forensic age estimation from the clavicle using 1.0T MRI – Preliminary results. <i>Forensic Science International</i> , 2014, 234, 7-12.	1.3	55

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19	Medical Imaging of Mummies and Bog Bodies – A Mini-Review. <i>Gerontology</i> , 2010, 56, 441-448.	1.4	44
20	Mapping human mobility during the third and second millennia BC in present-day Denmark. <i>PLoS ONE</i> , 2019, 14, e0219850.	1.1	44
21	Brief Communication: Age and fractal dimensions of human sagittal and coronal sutures. <i>American Journal of Physical Anthropology</i> , 2003, 121, 332-336.	2.1	36
22	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, 489-499.	1.2	35
23	Age estimation in the living: Transition analysis on developing third molars. <i>Forensic Science International</i> , 2015, 257, 512.e1-512.e7.	1.3	34
24	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.	1.1	34
25	Screening archaeological bone for palaeogenetic and palaeoproteomic studies. <i>PLoS ONE</i> , 2020, 15, e0235146.	1.1	34
26	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.	1.3	31
27	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.	1.2	30
28	Age estimation of human skulls. <i>Anatomical Record</i> , 2015, 298, 1007-1012.	0.8	27
29	Assessment of age at death by microscopy: Unbiased quantification of secondary osteons in femoral cross sections. <i>Forensic Science International</i> , 2006, 159, S100-S103.	1.3	25
30	Cardiac left ventricular myocardial tissue density, evaluated by computed tomography and autopsy. <i>BMC Medical Imaging</i> , 2019, 19, 29.	1.4	25
31	Evaluating osteological ageing from digital data. <i>Journal of Anatomy</i> , 2019, 235, 386-395.	0.9	24
32	Facial image identification using Photomodeler®. <i>Legal Medicine</i> , 2003, 5, 156-160.	0.6	21
33	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, 74-78.	1.3	21
34	Body surface area determined by whole-body CT scanning: need for new formulae?. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 183-193.	0.5	21
35	Body mass estimation from the skeleton: An evaluation of 11 methods. <i>Forensic Science International</i> , 2017, 281, 183.e1-183.e8.	1.3	21
36	The Thule Inuit Mummies From Greenland. <i>Anatomical Record</i> , 2015, 298, 1001-1006.	0.8	20

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37	Technical Note: The Forensic Anthropology Society of Europe (FASE) Map of Identified Osteological Collections. <i>Forensic Science International</i> , 2021, 328, 110995.	1.3	19
38	Facial recognition and laser surface scan: a pilot study. <i>Forensic Science, Medicine, and Pathology</i> , 2009, 5, 167-173.	0.6	16
39	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, 33-36.	0.5	16
40	Methods in mummy research. <i>Anthropologischer Anzeiger</i> , 2009, 67, 357-384.	0.2	15
41	Third molar development in a contemporary Danish 13–25 year old population. <i>Forensic Science International</i> , 2018, 289, 12-17.	1.3	15
42	Paranasal sinuses: A problematic proxy for climate adaptation in Neanderthals. <i>Journal of Human Evolution</i> , 2016, 97, 176-179.	1.3	14
43	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.	0.9	14
44	Non-invasive Archaeology of Skeletal Material by CT Scanning and Three-dimensional Reconstruction. <i>International Journal of Osteoarchaeology</i> , 1997, 7, 91-94.	0.6	13
45	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.	1.3	13
46	Investigating Intra-Individual Dietary Changes and ^{14}C Ages Using High-Resolution ^{13}C and ^{15}N Isotope Ratios and ^{14}C Ages Obtained from Dentine Increments. <i>Radiocarbon</i> , 2015, 57, 665-677.	0.8	13
47	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.	1.1	13
48	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.	0.6	13
49	Enzymatic maceration of bone: a gentler technique than boiling. <i>Medicine, Science and the Law</i> , 2015, 55, 90-96.	0.6	12
50	Forensic postmortem computed tomography: volumetric measurement of the heart and liver. <i>Forensic Science, Medicine, and Pathology</i> , 2016, 12, 510-516.	0.6	12
51	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.	1.2	12
52	Bone mineral content in medieval Greenland Norse. <i>International Journal of Osteoarchaeology</i> , 1997, 7, 235-240.	0.6	11
53	Facial approximation of Tycho Brahe's partial skull based on estimated data with TIVMI-AFA3D. <i>Forensic Science International</i> , 2018, 292, 131-137.	1.3	11
54	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.	1.2	11

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55	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.	0.2	10
56	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.	1.3	10
57	Expression of vasopressin mRNA in the hypothalamus of individuals with a diagnosis of schizophrenia. <i>Brain and Behavior</i> , 2019, 9, e01355.	1.0	10
58	A Computer Program for the Estimation of Time of Death. <i>Journal of Forensic Sciences</i> , 1993, 38, 816-820.	0.9	9
59	Height estimations based on eye measurements throughout a gait cycle. <i>Forensic Science International</i> , 2014, 236, 170-174.	1.3	8
60	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, S193-200.	0.9	8
61	Post-mortem computed tomography as part of dental identification – a proposed guideline. <i>Forensic Science, Medicine, and Pathology</i> , 2019, 15, 574-579.	0.6	8
62	The Greenland Norse: bones, graves, computers, and DNA. <i>Polar Record</i> , 2004, 40, 107-111.	0.4	7
63	CT imaging vs. traditional radiographic imaging for evaluating Harris Lines in tibiae. <i>Anthropologischer Anzeiger</i> , 2016, 73, 99-108.	0.2	7
64	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, 89-98.	0.2	6
65	Transition analysis applied to third molar development in a Danish population. <i>Forensic Science International</i> , 2020, 308, 110145.	1.3	6
66	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.	2.1	6
67	Technical note: Histological staining of secondary osteons. <i>American Journal of Physical Anthropology</i> , 1995, 98, 391-394.	2.1	5
68	A method for estimating age of medieval subadults from infancy to adulthood based on long bone length. <i>American Journal of Physical Anthropology</i> , 2016, 159, 135-145.	2.1	5
69	Epicardial adipose tissue volume estimation by postmortem computed tomography of eviscerated hearts. <i>Forensic Science, Medicine, and Pathology</i> , 2017, 13, 468-472.	0.6	5
70	Temporal changes in childhood health during the medieval Little Ice Age in Denmark. <i>International Journal of Paleopathology</i> , 2019, 27, 80-87.	0.8	5
71	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.	1.0	5
72	Matching profiles of masked perpetrators: a pilot study. <i>Medicine, Science and the Law</i> , 2010, 50, 200-204.	0.6	4

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73	Clinical forensic medicine in Eastern Denmark: Organisation and assessments. <i>Medicine, Science and the Law</i> , 2020, 60, 150-158.	0.6	4
74	Response to Drancourt and Raoult. <i>Microbiology (United Kingdom)</i> , 2004, 150, 264-265.	0.7	4
75	Identifying suspects by matching hand photographs with video evidence. <i>Forensic Science, Medicine, and Pathology</i> , 2015, 11, 504-508.	0.6	3
76	Establishing post mortem criteria for the metabolic syndrome: an autopsy based cross-sectional study. <i>Diabetology and Metabolic Syndrome</i> , 2018, 10, 36.	1.2	3
77	How 3D printing and physical reconstruction of a skull helped in a complex pathological case. <i>Anthropologischer Anzeiger</i> , 2021, , .	0.2	3
78	Norse anthropological remains. <i>Polar Record</i> , 1991, 27, 132-133.	0.4	2
79	Comparison of hippocampal volume measurement by autopsy and post-mortem magnetic resonance imaging. <i>Forensic Science, Medicine, and Pathology</i> , 2020, 16, 119-122.	0.6	2
80	Life-threatening danger assessments of penetrating injuries in Eastern Danish clinical forensic medicine. <i>International Journal of Legal Medicine</i> , 2021, 135, 861-870.	1.2	2
81	Investigating dietary patterns and organisational structure by using stable isotope analysis: a pilot study of the Danish medieval leprosy hospital at NÅ stved. <i>Anthropologischer Anzeiger</i> , 2019, 76, 167-178.	0.2	2
82	Person identification by gait analysis and photogrammetry. <i>Journal of Forensic Sciences</i> , 2005, 50, 112-8.	0.9	2
83	HOMEDâ€”Homicides Eastern Denmark: An introduction to a forensic medical homicide database. <i>Scandinavian Journal of Public Health</i> , 2014, 42, 683-686.	1.2	1
84	Enlargement of the human adrenal zona fasciculata and chronic psychiatric illness â€” an autopsy-based study. <i>Stress</i> , 2020, 23, 69-76.	0.8	1
85	The Legal Impact of Forensic Medical Life-threatening Danger Assessment Conclusions in Cases of Violent Offense. <i>Forensic Science International</i> , 2021, 329, 111034.	1.3	1
86	Forensic Science in Denmark. , 2014, , 67-72.		0
87	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.	1.2	0