Niels Lynnerup

List of Publications by Year
in descending order

87 papers	4,294 citations	201674 27 h-index	123424 61 g-index
92 all docs	92 docs citations	92 times ranked	5820 citing authors

#	Article	IF	Citations
1	The usefulness of a trauma probability of survival model for forensic life-threatening danger assessments. International Journal of Legal Medicine, 2021, 135, 871-877.	2.2	0
2	Life-threatening danger assessments of penetrating injuries in Eastern Danish clinical forensic medicine. International Journal of Legal Medicine, 2021, 135, 861-870.	2.2	2
3	Leprosy in medieval Denmark: Exploring life histories through a multiâ€tissue and multiâ€isotopic approach. American Journal of Physical Anthropology, 2021, 176, 36-53.	2.1	6
4	How 3D printing and physical reconstruction of a skull helped in a complex pathological case. Anthropologischer Anzeiger, 2021, , .	0.4	3
5	The Legal Impact of Forensic Medical Life-threatening Danger Assessment Conclusions in Cases of Violent Offense. Forensic Science International, 2021, 329, 111034.	2.2	1
6	Technical Note: The Forensic Anthropology Society of Europe (FASE) Map of Identified Osteological Collections. Forensic Science International, 2021, 328, 110995.	2.2	19
7	Enlargement of the human adrenal zona fasciculata and chronic psychiatric illness â€" an autopsy-based study. Stress, 2020, 23, 69-76.	1.8	1
8	Comparison of hippocampal volume measurement by autopsy and post-mortem magnetic resonance imaging. Forensic Science, Medicine, and Pathology, 2020, 16, 119-122.	1.4	2
9	Strengthening the role of forensic anthropology in personal identification: Position statement by the Board of the Forensic Anthropology Society of Europe (FASE). Forensic Science International, 2020, 315, 110456.	2.2	31
10	Population genomics of the Viking world. Nature, 2020, 585, 390-396.	27.8	143
11	Odontological identification dental charts based upon postmortem computed tomography compared to dental charts based upon postmortem clinical examinations. Forensic Science, Medicine, and Pathology, 2020, 16, 272-280.	1.4	13
12	Pathological characterization of keel bone fractures in laying hens does not support external trauma as the underlying cause. PLoS ONE, 2020, 15, e0229735.	2.5	34
13	Screening archaeological bone for palaeogenetic and palaeoproteomic studies. PLoS ONE, 2020, 15, e0235146.	2.5	34
14	Clinical forensic medicine in Eastern Denmark: Organisation and assessments. Medicine, Science and the Law, 2020, 60, 150-158.	1.0	4
15	Transition analysis applied to third molar development in a Danish population. Forensic Science International, 2020, 308, 110145.	2.2	6
16	Mapping human mobility during the third and second millennia BC in present-day Denmark. PLoS ONE, 2019, 14, e0219850.	2.5	44
17	Expression of vasopressin mRNA in the hypothalamus of individuals with a diagnosis of schizophrenia. Brain and Behavior, 2019, 9, e01355.	2.2	10
18	Post-mortem computed tomography as part of dental identification â€" a proposed guideline. Forensic Science, Medicine, and Pathology, 2019, 15, 574-579.	1.4	8

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19	Temporal changes in childhood health during the medieval Little Ice Age in Denmark. International Journal of Paleopathology, 2019, 27, 80-87.	1.4	5
20	Cardiac left ventricular myocardial tissue density, evaluated by computed tomography and autopsy. BMC Medical Imaging, 2019, 19, 29.	2.7	25
21	The Status of Forensic Anthropology in Europe and South Africa: Results of the 2016 <scp>FASE</scp> Questionnaire on Forensic Anthropology. Journal of Forensic Sciences, 2019, 64, 1017-1025.	1.6	14
22	Coronary artery CT calcium score assessed by direct calcium quantification using atomic absorption spectroscopy and compared to macroscopic and histological assessments. International Journal of Legal Medicine, 2019, 133, 1485-1496.	2.2	11
23	Forensic 3D documentation of skin injuries using photogrammetry: photographs vs video and manual vs automatic measurements. International Journal of Legal Medicine, 2019, 133, 963-971.	2.2	12
24	Evaluating osteological ageing from digital data. Journal of Anatomy, 2019, 235, 386-395.	1.5	24
25	Investigating dietary patterns and organisational structure by using stable isotope analysis: a pilot study of the Danish medieval leprosy hospital at NÃ¦stved. Anthropologischer Anzeiger, 2019, 76, 167-178.	0.4	2
26	Forensic anthropological video-based cases at the Department of Forensic Medicine, University of Copenhagen: a 10-year retrospective review. Scandinavian Journal of Forensic Science, 2019, 25, 9-13.	0.1	5
27	Early human dispersals within the Americas. Science, 2018, 362, .	12.6	230
28	Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. Nature Communications, 2018, 9, 4744.	12.8	63
29	Third molar development in a contemporary Danish 13â€"25 year old population. Forensic Science International, 2018, 289, 12-17.	2.2	15
30	Ancient human parvovirus B19 in Eurasia reveals its long-term association with humans. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7557-7562.	7.1	64
31	Rich table but short life: Diffuse idiopathic skeletal hyperostosis in Danish astronomer Tycho Brahe (1546-1601) and its possible consequences. PLoS ONE, 2018, 13, e0195920.	2.5	13
32	Establishing post mortem criteria for the metabolic syndrome: an autopsy based cross-sectional study. Diabetology and Metabolic Syndrome, 2018, 10, 36.	2.7	3
33	Elevated levels of 8-oxoGuo and 8-oxodG in individuals with severe mental illness â€" An autopsy-based study. Free Radical Biology and Medicine, 2018, 126, 372-378.	2.9	10
34	Facial approximation of Tycho Braheâ€™s partial skull based on estimated data with TIVMI-AFA3D. Forensic Science International, 2018, 292, 131-137.	2.2	11
35	Body surface area determined by wholeâ€body <scp>CT</scp> scanning: need for new formulae?. Clinical Physiology and Functional Imaging, 2017, 37, 183-193.	1.2	21
36	Body mass estimation from the skeleton: An evaluation of 11 methods. Forensic Science International, 2017, 281, 183.e1-183.e8.	2.2	21

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37	Epicardial adipose tissue volume estimation by postmortem computed tomography of eviscerated hearts. Forensic Science, Medicine, and Pathology, 2017, 13, 468-472.	1.4	5
38	A matter of months: High precision migration chronology of a Bronze Age female. PLoS ONE, 2017, 12, e0178834.	2.5	60
39	Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. PLoS ONE, 2017, 12, e0170940.	2.5	136
40	Lateral angle and cranial base sexual dimorphism: a morphometric evaluation using computerised tomography scans of a modern documented autopsy population from Denmark. Anthropologischer Anzeiger, 2016, 73, 89-98.	0.4	6
41	CT imaging vs. traditional radiographic imaging for evaluating Harris Lines in tibiae. Anthropologischer Anzeiger, 2016, 73, 99-108.	0.4	7
42	Validation of the New Interpretation of Gerasimov's Nasal Projection Method for Forensic Facial Approximation Using CT Data,. Journal of Forensic Sciences, 2016, 61, S193-200.	1.6	8
43	Forensic postmortem computed tomography: volumetric measurement of the heart and liver. Forensic Science, Medicine, and Pathology, 2016, 12, 510-516.	1.4	12
44	A method for estimating age of medieval sub‐adults from infancy to adulthood based on long bone length. American Journal of Physical Anthropology, 2016, 159, 135-145.	2.1	5
45	Paranasal sinuses: A problematic proxy for climate adaptation in Neanderthals. Journal of Human Evolution, 2016, 97, 176-179.	2.6	14
46	Obtaining appropriate interval estimates for age when multiple indicators are used: evaluation of an ad-hoc procedure. International Journal of Legal Medicine, 2016, 130, 489-499.	2.2	35
47	The Thule Inuit Mummies From Greenland. Anatomical Record, 2015, 298, 1001-1006.	1.4	20
48	Bog Bodies. Anatomical Record, 2015, 298, 1007-1012.	1.4	27
49	Investigating Intra-Individual Dietary Changes and ^{14}C Ages Using High-Resolution Î´^{13}C and Î´^{15}N Isotope Ratios and ^{14}C Ages Obtained from Dentine Increments. Radiocarbon, 2015, 57, 665-677.	1.8	13
50	Identifying suspects by matching hand photographs with video evidence. Forensic Science, Medicine, and Pathology, 2015, 11, 504-508.	1.4	3
51	Population genomics of Bronze Age Eurasia. Nature, 2015, 522, 167-172.	27.8	1,166
52	Age estimation in the living: Transition analysis on developing third molars. Forensic Science International, 2015, 257, 512.e1-512.e7.	2.2	34
53	The advantage of CT scans and 3D visualizations in the analysis of three child mummies from the Graeco-Roman Period. Anthropologischer Anzeiger, 2015, 72, 55-65.	0.4	10
54	Enzymatic maceration of bone: a gentler technique than boiling. Medicine, Science and the Law, 2015, 55, 90-96.	1.0	12

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55	Strontium Isotope Signals in Cremated Petrous Portions as Indicator for Childhood Origin. PLoS ONE, 2014, 9, e101603.	2.5	62
56	HOMEDâ€"Homicides Eastern Denmark: An introduction to a forensic medical homicide database. Scandinavian Journal of Public Health, 2014, 42, 683-686.	2.3	1
57	Forensic Science in Denmark. , 2014, , 67-72.		0
58	Height estimations based on eye measurements throughout a gait cycle. Forensic Science International, 2014, 236, 170-174.	2.2	8
59	Autopsy practice in forensic pathology â€" Evidence-based or experience-based? A review of autopsies performed on victims of traumatic asphyxia in a mass disaster. Journal of Clinical Forensic and Legal Medicine, 2014, 22, 33-36.	1.0	16
60	Forensic age estimation from the clavicle using 1.0T MRIâ€"Preliminary results. Forensic Science International, 2014, 234, 7-12.	2.2	55
61	Gait as evidence. IET Biometrics, 2014, 3, 47-54.	2.5	57
62	The genetic prehistory of the New World Arctic. Science, 2014, 345, 1255832.	12.6	264
63	Markerless motion capture systems for tracking of persons in forensic biomechanics: an overview. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2014, 2, 46-65.	1.9	13
64	Comparative study on developmental stages of the clavicle by postmortem MRI and CT imaging. Journal of Forensic Radiology and Imaging, 2013, 1, 102-106.	1.2	30
65	Who was in Harold Bluetooth's army? Strontium isotope investigation of the cemetery at the Viking Age fortress at Trelleborg, Denmark. Antiquity, 2011, 85, 476-489.	1.0	88
66	Ascertaining year of birth/age at death in forensic cases: A review of conventional methods and methods allowing for absolute chronology. Forensic Science International, 2010, 201, 74-78.	2.2	21
67	Matching profiles of masked perpetrators: a pilot study. Medicine, Science and the Law, 2010, 50, 200-204.	1.0	4
68	Medical Imaging of Mummies and Bog Bodies â€" A Mini-Review. Gerontology, 2010, 56, 441-448.	2.8	44
69	Facial recognition and laser surface scan: a pilot study. Forensic Science, Medicine, and Pathology, 2009, 5, 167-173.	1.4	16
70	Methods in mummy research. Anthropologischer Anzeiger, 2009, 67, 357-384.	0.4	15
71	Radiocarbon Dating of the Human Eye Lens Crystallines Reveal Proteins without Carbon Turnover throughout Life. PLoS ONE, 2008, 3, e1529.	2.5	203
72	Mummies. American Journal of Physical Anthropology, 2007, 134, 162-190.	2.1	218

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73	Assessment of age at death by microscopy: Unbiased quantification of secondary osteons in femoral cross sections. Forensic Science International, 2006, 159, S100-S103.	2.2	25
74	Thickness of the human cranial diploe in relation to age, sex and general body build. Head & Face Medicine, 2005, 1, 13.	2.1	94
75	Person identification by gait analysis and photogrammetry. Journal of Forensic Sciences, 2005, 50, 112-8.	1.6	2
76	Absence of Yersinia pestis-specific DNA in human teeth from five European excavations of putative plague victims. Microbiology (United Kingdom), 2004, 150, 341-354.	1.8	168
77	The Greenland Norse: bones, graves, computers, and DNA. Polar Record, 2004, 40, 107-111.	0.8	7
78	Response to Drancourt and Raoult. Microbiology (United Kingdom), 2004, 150, 264-265.	1.8	4
79	Brief Communication:Age and fractal dimensions of human sagittal and coronal sutures. American Journal of Physical Anthropology, 2003, 121, 332-336.	2.1	36
80	Facial image identification using Photomodeler®. Legal Medicine, 2003, 5, 156-160.	1.3	21
81	Change of Diet of the Greenland Vikings Determined from Stable Carbon Isotope Analysis and ^{14}C Dating of Their Bones. Radiocarbon, 1999, 41, 157-168.	1.8	212
82	Non-invasive Archaeology of Skeletal Material by CT Scanning and Three-dimensional Reconstruction. International Journal of Osteoarchaeology, 1997, 7, 91-94.	1.2	13
83	Bone mineral content in medieval Greenland Norse. International Journal of Osteoarchaeology, 1997, 7, 235-240.	1.2	11
84	Stereolithography: Potential applications in anthropological studies. American Journal of Physical Anthropology, 1995, 97, 329-333.	2.1	60
85	Technical note: Histological staining of secondary osteons. American Journal of Physical Anthropology, 1995, 98, 391-394.	2.1	5
86	A Computer Program for the Estimation of Time of Death. Journal of Forensic Sciences, 1993, 38, 816-820.	1.6	9
87	Norse anthropological remains. Polar Record, 1991, 27, 132-133.	0.8	2