# Niels Lynnerup

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6114452/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 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 | Population genomics of Bronze Age Eurasia. Nature, 2015, 522, 167-172. | 27.8 | 1,166 |
| 2 | The genetic prehistory of the New World Arctic. Science, 2014, 345, 1255832. | 12.6 | 264 |
| 3 | Early human dispersals within the Americas. Science, 2018, 362, . | 12.6 | 230 |
| 4 | Mummies. American Journal of Physical Anthropology, 2007, 134, 162-190. | 2.1 | 218 |
| 5 | Change of Diet of the Greenland Vikings Determined from Stable Carbon Isotope Analysis and <sup>14</sup>C Dating of Their Bones. Radiocarbon, 1999, 41, 157-168. | 1.8 | 212 |
| 6 | Radiocarbon Dating of the Human Eye Lens Crystallines Reveal Proteins without Carbon Turnover throughout Life. PLoS ONE, 2008, 3, e1529. | 2.5 | 203 |
| 7 | 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 |
| 8 | Population genomics of the Viking world. Nature, 2020, 585, 390-396. | 27.8 | 143 |
| 9 | Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. PLoS ONE, 2017, 12, e0170940. | 2.5 | 136 |
| 10 | Thickness of the human cranial diploe in relation to age, sex and general body build. Head & Face Medicine, 2005, 1, 13. | 2.1 | 94 |
| 11 | 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 |
| 12 | 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 |
| 13 | Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. Nature Communications, 2018, 9, 4744. | 12.8 | 63 |
| 14 | Strontium Isotope Signals in Cremated Petrous Portions as Indicator for Childhood Origin. PLoS ONE, 2014, 9, e101603. | 2.5 | 62 |
| 15 | Stereolithography: Potential applications in anthropological studies. American Journal of Physical Anthropology, 1995, 97, 329-333. | 2.1 | 60 |
| 16 | A matter of months: High precision migration chronology of a Bronze Age female. PLoS ONE, 2017, 12, e0178834. | 2.5 | 60 |
| 17 | Gait as evidence. IET Biometrics, 2014, 3, 47-54. | 2.5 | 57 |
| 18 | Forensic age estimation from the clavicle using 1.0T MRIâ€"Preliminary results. Forensic Science International, 2014, 234, 7-12. | 2.2 | 55 |

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|---|---|---|---|
| 19 | Medical Imaging of Mummies and Bog Bodies â€“ A Mini-Review. Gerontology, 2010, 56, 441-448. | 2.8 | 44 |
| 20 | Mapping human mobility during the third and second millennia BC in present-day Denmark. PLoS ONE, 2019, 14, e0219850. | 2.5 | 44 |
| 21 | Brief Communication:Age and fractal dimensions of human sagittal and coronal sutures. American Journal of Physical Anthropology, 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. International Journal of Legal Medicine, 2016, 130, 489-499. | 2.2 | 35 |
| 23 | Age estimation in the living: Transition analysis on developing third molars. Forensic Science International, 2015, 257, 512.e1-512.e7. | 2.2 | 34 |
| 24 | 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 |
| 25 | Screening archaeological bone for palaeogenetic and palaeoproteomic studies. PLoS ONE, 2020, 15, e0235146. | 2.5 | 34 |
| 26 | 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 |
| 27 | 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 |
| 28 | <scp>B</scp>og <scp>B</scp>odies. Anatomical Record, 2015, 298, 1007-1012. | 1.4 | 27 |
| 29 | 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 |
| 30 | Cardiac left ventricular myocardial tissue density, evaluated by computed tomography and autopsy. BMC Medical Imaging, 2019, 19, 29. | 2.7 | 25 |
| 31 | Evaluating osteological ageing from digital data. Journal of Anatomy, 2019, 235, 386-395. | 1.5 | 24 |
| 32 | Facial image identification using PhotomodelerÂ®. Legal Medicine, 2003, 5, 156-160. | 1.3 | 21 |
| 33 | 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 |
| 34 | 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 |
| 35 | Body mass estimation from the skeleton: An evaluation of 11 methods. Forensic Science International, 2017, 281, 183.e1-183.e8. | 2.2 | 21 |
| 36 | The Thule Inuit Mummies From Greenland. Anatomical Record, 2015, 298, 1001-1006. | 1.4 | 20 |

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|---|---|---|---|
| 37 | Technical Note: The Forensic Anthropology Society of Europe (FASE) Map of Identified Osteological Collections. Forensic Science International, 2021, 328, 110995. | 2.2 | 19 |
| 38 | Facial recognition and laser surface scan: a pilot study. Forensic Science, Medicine, and Pathology, 2009, 5, 167-173. | 1.4 | 16 |
| 39 | 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 |
| 40 | Methods in mummy research. Anthropologischer Anzeiger, 2009, 67, 357-384. | 0.4 | 15 |
| 41 | Third molar development in a contemporary Danish 13â€“25 year old population. Forensic Science International, 2018, 289, 12-17. | 2.2 | 15 |
| 42 | Paranasal sinuses: A problematic proxy for climate adaptation in Neanderthals. Journal of Human Evolution, 2016, 97, 176-179. | 2.6 | 14 |
| 43 | 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 |
| 44 | Non-invasive Archaeology of Skeletal Material by CT Scanning and Three-dimensional Reconstruction. International Journal of Osteoarchaeology, 1997, 7, 91-94. | 1.2 | 13 |
| 45 | 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 |
| 46 | Investigating Intra-Individual Dietary Changes and <sup>14</sup>C Ages Using High-Resolution Î´<sup>13</sup>C and Î´<sup>15</sup>N Isotope Ratios and <sup>14</sup>C Ages Obtained from Dentine Increments. Radiocarbon, 2015, 57, 665-677. | 1.8 | 13 |
| 47 | 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 |
| 48 | 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 |
| 49 | Enzymatic maceration of bone: a gentler technique than boiling. Medicine, Science and the Law, 2015, 55, 90-96. | 1.0 | 12 |
| 50 | Forensic postmortem computed tomography: volumetric measurement of the heart and liver. Forensic Science, Medicine, and Pathology, 2016, 12, 510-516. | 1.4 | 12 |
| 51 | 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 |
| 52 | Bone mineral content in medieval Greenland Norse. International Journal of Osteoarchaeology, 1997, 7, 235-240. | 1.2 | 11 |
| 53 | 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 |
| 54 | 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 |

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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. Anthropologischer Anzeiger, 2015, 72, 55-65. | 0.4 | 10 |
| 56 | 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 |
| 57 | Expression of vasopressin mRNA in the hypothalamus of individuals with a diagnosis of schizophrenia. Brain and Behavior, 2019, 9, e01355. | 2.2 | 10 |
| 58 | A Computer Program for the Estimation of Time of Death. Journal of Forensic Sciences, 1993, 38, 816-820. | 1.6 | 9 |
| 59 | Height estimations based on eye measurements throughout a gait cycle. Forensic Science International, 2014, 236, 170-174. | 2.2 | 8 |
| 60 | Validation of the New Interpretation of Gerasimov's Nasal Projection Method for Forensic Facial Approximation Using <scp>CT</scp> Data<sup>,</sup>. Journal of Forensic Sciences, 2016, 61, S193-200. | 1.6 | 8 |
| 61 | 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 |
| 62 | The Greenland Norse: bones, graves, computers, and DNA. Polar Record, 2004, 40, 107-111. | 0.8 | 7 |
| 63 | CT imaging vs. traditional radiographic imaging for evaluating Harris Lines in tibiae. Anthropologischer Anzeiger, 2016, 73, 99-108. | 0.4 | 7 |
| 64 | 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 |
| 65 | Transition analysis applied to third molar development in a Danish population. Forensic Science International, 2020, 308, 110145. | 2.2 | 6 |
| 66 | 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 |
| 67 | Technical note: Histological staining of secondary osteons. American Journal of Physical Anthropology, 1995, 98, 391-394. | 2.1 | 5 |
| 68 | A method for estimating age of medieval subâ€adults from infancy to adulthood based on long bone length. American Journal of Physical Anthropology, 2016, 159, 135-145. | 2.1 | 5 |
| 69 | Epicardial adipose tissue volume estimation by postmortem computed tomography of eviscerated hearts. Forensic Science, Medicine, and Pathology, 2017, 13, 468-472. | 1.4 | 5 |
| 70 | Temporal changes in childhood health during the medieval Little Ice Age in Denmark. International Journal of Paleopathology, 2019, 27, 80-87. | 1.4 | 5 |
| 71 | 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 |
| 72 | Matching profiles of masked perpetrators: a pilot study. Medicine, Science and the Law, 2010, 50, 200-204. | 1.0 | 4 |

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|---|---|---|---|
| 73 | Clinical forensic medicine in Eastern Denmark: Organisation and assessments. Medicine, Science and the Law, 2020, 60, 150-158. | 1.0 | 4 |
| 74 | Response to Drancourt and Raoult. Microbiology (United Kingdom), 2004, 150, 264-265. | 1.8 | 4 |
| 75 | Identifying suspects by matching hand photographs with video evidence. Forensic Science, Medicine, and Pathology, 2015, 11, 504-508. | 1.4 | 3 |
| 76 | Establishing post mortem criteria for the metabolic syndrome: an autopsy based cross-sectional study. Diabetology and Metabolic Syndrome, 2018, 10, 36. | 2.7 | 3 |
| 77 | How 3D printing and physical reconstruction of a skull helped in a complex pathological case. Anthropologischer Anzeiger, 2021, , . | 0.4 | 3 |
| 78 | Norse anthropological remains. Polar Record, 1991, 27, 132-133. | 0.8 | 2 |
| 79 | 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 |
| 80 | 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 |
| 81 | 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 |
| 82 | Person identification by gait analysis and photogrammetry. Journal of Forensic Sciences, 2005, 50, 112-8. | 1.6 | 2 |
| 83 | HOMEDâ€"Homicides Eastern Denmark: An introduction to a forensic medical homicide database. Scandinavian Journal of Public Health, 2014, 42, 683-686. | 2.3 | 1 |
| 84 | Enlargement of the human adrenal zona fasciculata and chronic psychiatric illness â€“ an autopsy-based study. Stress, 2020, 23, 69-76. | 1.8 | 1 |
| 85 | 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 |
| 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. International Journal of Legal Medicine, 2021, 135, 871-877. | 2.2 | 0 |