

# Jane E Buikstra

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

4,041  
citations

117625

34  
h-index

118850

62  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-Columbian mycobacterial genomes reveal seals as a source of New World human tuberculosis. <i>Nature</i> , 2014, 514, 494-497.	27.8	506
2	A 9,000-year record of Chagas' disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2034-2039.	7.1	316
3	Soil pH, Bone Preservation, and Sampling Bias at Mortuary Sites. <i>American Antiquity</i> , 1981, 46, 566-571.	1.1	217
4	Fertility and the Development of Agriculture in the Prehistoric Midwest. <i>American Antiquity</i> , 1986, 51, 528-546.	1.1	205
5	Health and differential survival in prehistoric populations: Prenatal dental defects. <i>American Journal of Physical Anthropology</i> , 1979, 51, 649-664.	2.1	180
6	Paleodemography: Critiques and Controversies. <i>American Anthropologist</i> , 1985, 87, 316-333.	1.4	141
7	Skeletal biological distance studies in American Physical Anthropology: Recent trends. <i>American Journal of Physical Anthropology</i> , 1990, 82, 1-7.	2.1	121
8	Quantitative genetics of skeletal nonmetric traits in the rhesus macaques on Cayo Santiago. I. Single trait heritabilities. <i>American Journal of Physical Anthropology</i> , 1981, 54, 43-49.	2.1	110
9	Cementum annulation and age determination in <i>Homo sapiens</i> . II. Estimates and accuracy. <i>American Journal of Physical Anthropology</i> , 1986, 71, 321-330.	2.1	110
10	Tiwanaku "colonization": Bioarchaeological implications for migration in the Moquegua Valley, Peru. <i>World Archaeology</i> , 1998, 30, 238-261.	1.1	101
11	Strontium Isotopes and the Study of Human Mobility in Ancient Mesoamerica. <i>Latin American Antiquity</i> , 2008, 19, 167-180.	0.6	96
12	Cementum annulation and age determination in <i>Homo sapiens</i> . I. Tooth variability and observer error. <i>American Journal of Physical Anthropology</i> , 1986, 71, 311-320.	2.1	95
13	Tuberculosis and leprosy in perspective. <i>American Journal of Physical Anthropology</i> , 2009, 140, 66-94.	2.1	93
14	A comparative study of the chemical analysis of ribs and femurs in woodland populations. <i>American Journal of Physical Anthropology</i> , 1982, 59, 289-294.	2.1	90
15	Anemia and childhood mortality: Latitudinal patterning along the coast of pre-Columbian Peru. <i>American Journal of Physical Anthropology</i> , 2005, 127, 152-169.	2.1	84
16	Quantitative genetics of skeletal nonmetric traits in the rhesus macaques on Cayo Santiago. II. Phenotypic, genetic, and environmental correlations between traits. <i>American Journal of Physical Anthropology</i> , 1981, 54, 51-58.	2.1	76
17	Quantitative genetics of skeletal nonmetric traits in the rhesus macaques of Cayo Santiago. III. Relative heritability of skeletal nonmetric and metric traits. <i>American Journal of Physical Anthropology</i> , 1982, 59, 151-155.	2.1	76
18	Vertebral pathology in the Afar australopithecines. <i>American Journal of Physical Anthropology</i> , 1983, 60, 83-101.	2.1	73

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19	Deficiencies and challenges in the study of ancient tuberculosis DNA. <i>Journal of Archaeological Science</i> , 2009, 36, 1990-1997.	2.4	69
20	Increasing confidence in paleopathological diagnosis – Application of the Istanbul terminological framework. <i>International Journal of Paleopathology</i> , 2015, 8, 19-21.	1.4	69
21	Genetic correlations between sides and heritability of asymmetry for nonmetric traits in rhesus macaques on Cayo Santiago. <i>American Journal of Physical Anthropology</i> , 1984, 64, 401-411.	2.1	68
22	Electron microprobe analysis of elemental distribution in excavated human femurs. <i>American Journal of Physical Anthropology</i> , 1983, 62, 409-423.	2.1	65
23	Effects of Burning on Human Bone Microstructure: A Preliminary Study. <i>Journal of Forensic Sciences</i> , 1984, 29, 535-540.	1.6	62
24	Artificial Cranial Deformation at the Omo M10 Site: A Tiwanaku Complex from the Moquegua Valley, Peru. <i>Latin American Antiquity</i> , 1995, 6, 145-164.	0.6	60
25	Coca chewing in prehistoric coastal Peru: Dental evidence. <i>American Journal of Physical Anthropology</i> , 2001, 114, 242-257.	2.1	53
26	Tuberculosis on the north coast of Peru: skeletal and molecular paleopathology of late pre-Hispanic and postcontact mycobacterial disease. <i>Journal of Archaeological Science</i> , 2010, 37, 2587-2597.	2.4	53
27	Sex estimation using sexually dimorphic amelogenin protein fragments in human enamel. <i>Journal of Archaeological Science</i> , 2019, 101, 169-180.	2.4	53
28	Relationships between non-metric skeletal traits and cranial size and shape. <i>American Journal of Physical Anthropology</i> , 1979, 50, 191-198.	2.1	52
29	Louse infestation of the Chiribaya Culture, Southern Peru: variation in prevalence by age and sex. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2003, 98, 173-179.	1.6	52
30	Linear Models for the Prediction of Stature from Foot and Boot Dimensions. <i>Journal of Forensic Sciences</i> , 1992, 37, 771-782.	1.6	50
31	Introduction: Scientific rigor in paleopathology. <i>International Journal of Paleopathology</i> , 2017, 19, 80-87.	1.4	47
32	The Caribou Eskimo: General and specific disease. <i>American Journal of Physical Anthropology</i> , 1976, 45, 351-367.	2.1	44
33	Analysis of excavated bone by atomic absorption. <i>American Journal of Physical Anthropology</i> , 1978, 48, 199-202.	2.1	43
34	A study of intragroup biological change induced by social group fission in <i>Macaca mulatta</i> using discrete cranial traits. <i>American Journal of Physical Anthropology</i> , 1978, 48, 41-45.	2.1	38
35	Differential diagnosis of a prehistoric biological object from the Koster (Illinois) Site. <i>International Journal of Osteoarchaeology</i> , 2003, 13, 157-164.	1.2	35
36	Research trends in human osteology: A content analysis of papers published in the <i>American Journal of Physical Anthropology</i> . <i>American Journal of Physical Anthropology</i> , 2005, 128, 98-109.	2.1	33

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37	New world origin of canine distemper: Interdisciplinary insights. <i>International Journal of Paleopathology</i> , 2019, 24, 266-278.	1.4	33
38	Sod Blocks in Illinois Hopewell Mounds. <i>American Antiquity</i> , 2001, 66, 633-650.	1.1	26
39	Contesting the massacre at Nataruk. <i>Nature</i> , 2016, 539, E8-E10.	27.8	26
40	Regional Approaches to the Investigation of Past Human Biocultural Structure. <i>Interdisciplinary Contributions To Archaeology</i> , 1995, , 191-219.	0.3	24
41	Geographically dispersed zoonotic tuberculosis in pre-contact South American human populations. <i>Nature Communications</i> , 2022, 13, 1195.	12.8	22
42	The Study and Restudy of Human Skeletal Series: The Importance of Long-Term Curation. <i>Annals of the New York Academy of Sciences</i> , 1981, 376, 449-465.	3.8	21
43	Screening ancient tuberculosis with qPCR: challenges and opportunities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130622.	4.0	21
44	Analysis of Blunt Trauma Injuries: Vertical Deceleration Versus Horizontal Deceleration Injuries. <i>Journal of Forensic Sciences</i> , 1999, 44, 253-262.	1.6	21
45	Time and Archaeological Traditions in the Lower Illinois Valley. <i>American Antiquity</i> , 2011, 76, 500-528.	1.1	20
46	Forensic Anthropology and Bioarchaeology in the American Anthropologist Rare but Exquisite Gems. <i>American Anthropologist</i> , 2003, 105, 38-52.	1.4	18
47	Paleodemographic Correlates of Fertility: A Reply to Corruccini, Brandon, and Handler and to Holland. <i>American Antiquity</i> , 1989, 54, 626-636.	1.1	15
48	Advances in the molecular detection of tuberculosis in pre-contact Andean South America. <i>International Journal of Paleopathology</i> , 2020, 29, 128-140.	1.4	14
49	Mapping the Internal Structure of Hopewell Tumuli in the Lower Illinois River Valley through Archaeological Geophysics. <i>Advances in Archaeological Practice</i> , 2014, 2, 164-179.	1.2	13
50	Root Dentin Translucency and Forensic International Dental Database: Methodology for estimation age-at-death in adults using single-rooted teeth. <i>Forensic Science International</i> , 2020, 317, 110572.	2.2	13
51	Pre-Columbian tuberculosis in Tierra del Fuego? Discussion of the paleopathological and molecular evidence. <i>International Journal of Paleopathology</i> , 2015, 11, 92-101.	1.4	12
52	Cancers as rare diseases: Terminological, theoretical, and methodological biases. <i>International Journal of Paleopathology</i> , 2021, 32, 111-122.	1.4	12
53	Twenty-first century bioarchaeology: Taking stock and moving forward. <i>American Journal of Biological Anthropology</i> , 2022, 178, 54-114.	1.1	11
54	Analysis of Soil Associated with Woodland Burials. <i>Advances in Chemistry Series</i> , 1984, , 97-113.	0.6	10

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55	Soft tissue preservation system: Applications. <i>International Journal of Paleopathology</i> , 2011, 1, 150-154.	1.4	8
56	AMELY deletion is not detected in systematically sampled reference populations: A Reply to Åtamfelj. <i>Journal of Archaeological Science</i> , 2021, 130, 105354.	2.4	8
57	Overlapping genetic pathways in the skeletal dysplasias of a middle woodland individual: A case study. <i>International Journal of Paleopathology</i> , 2017, 18, 98-107.	1.4	6
58	Bioarchaeological Practice and the Curation of Human Skeletal Remains in a Greek Context: The Phaleron Cemetery. <i>Advances in Archaeological Practice</i> , 2019, 7, 60-67.	1.2	6
59	Investigating the identities of isolated crania in the Lower Illinois River Valley through multi-isotopic analysis. <i>Journal of Archaeological Science: Reports</i> , 2017, 13, 312-321.	0.5	5
60	Impairment, Disability, and Identity in the Middle Woodland Period: Life at the Juncture of Achondroplasia, Pregnancy, and Infection. , 2017, , 225-248.		5
61	A Brief History and 21st Century Challenges. , 2019, , 11-19.		5
62	Welcome to the <i>International Journal of Paleopathology</i> . <i>International Journal of Paleopathology</i> , 2011, 1, 1-3.	1.4	4
63	Returning to the Kamp Mound Group (11C12): Results from Geomagnetic Survey and High-Density Topographic Mapping in Calhoun County, Illinois. <i>Midcontinental Journal of Archaeology</i> , 2016, 41, 231-254.	0.5	4
64	Examining variation in skeletal tuberculosis in a late pre-contact population from the eastern mountains of Peru. <i>International Journal of Paleopathology</i> , 2020, 30, 22-34.	1.4	4
65	Knowing Your Audience: Reactions to the Human Body, Dead and Undead. <i>Bioarchaeology and Social Theory</i> , 2019, , 19-57.	0.1	3
66	Thundering hoofbeats and dazzling zebras: A model integrating current rare disease perspectives in paleopathology. <i>International Journal of Paleopathology</i> , 2021, 33, 196-208.	1.4	3
67	Foreword. <i>International Journal of Paleopathology</i> , 2019, 25, 62-63.	1.4	2
68	Automontage microscopy and SEM: A combined approach for documenting ancient lice. <i>Micron</i> , 2020, 139, 102931.	2.2	2
69	The Life and Career of William R. Maples, Ph.D.. <i>Journal of Forensic Sciences</i> , 1999, 44, 677-681.	1.6	1
70	Bioarcheologia niepeÅ, nosprawnoÅci. <i>Teksty Drugie</i> , 2020, 2, 158-174.	0.1	1
71	Recent approaches to the archeological study of mortuary practices. <i>Reviews in Anthropology</i> , 1987, 14, 321-325.	0.5	0
72	Robert D. Hoppa & James W. Vaupel. <i>Paleo-demography: Age Distributions from Skeletal Samples</i> . 259 pages. 2002. Cambridge: Cambridge University Press; 0-521-80063-3 hardback Å£50 & \$80.. <i>Antiquity</i> , 2005, 79, 710-711.	1.0	0

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73	Review of: The Human Bone Manual by White TD, Folkens PA. Journal of Forensic Sciences, 2006, 51, 956-957.	1.6	0
74	Review of: <i>Paleoepidemiology: The Epidemiology of Human Remains</i> . Journal of Forensic Sciences, 2008, 53, 1237-1237.	1.6	0
75	Editor-in-Chief's Comment on the Paleo-oncology Special Issue. International Journal of Paleopathology, 2018, 21, 1.	1.4	0
76	Note From the Editors-in-Chief. International Journal of Paleopathology, 2019, 24, A1.	1.4	0
77	Review of <i>Broken Bones, Anthropological Analysis of Blunt Force Trauma</i> . Journal of Forensic Sciences, 2000, 45, 1168-1168.	1.6	0
78	Cementochronology to the Rescue: Osteobiography of a Middle Woodland Woman with a Combined Skeletal Dysplasia. , 2022, , 306-321.		0