

Daniel J Wescott

List of Publications by Year in Descending Order

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Version: 2024-04-24

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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.

54
papers

903
citations

15
h-index

28
g-index

58
ext. papers

1,079
ext. citations

2.2
avg, IF

4.77
L-index

#	Paper	IF	Citations
54	Geophysical imaging of buried human remains in simulated mass and single graves: Experiment design and results from pre-burial to six months after burial.. <i>Forensic Science International</i> , 2022 , 335, 111289	2.6	1
53	The Texas State Donated Skeletal Collection at the Forensic Anthropology Center at Texas State. <i>Forensic Sciences</i> , 2022 , 2, 7-19		1
52	Human Bone Proteomes before and after Decomposition: Investigating the Effects of Biological Variation and Taphonomic Alteration on Bone Protein Profiles and the Implications for Forensic Proteomics. <i>Journal of Proteome Research</i> , 2021 , 20, 2533-2546	5.6	4
51	Review of: Estimation of the time since death: Current research and future trends. <i>Journal of Forensic Sciences</i> , 2021 , 66, 423-423	1.8	
50	Estimating postmortem interval for human cadavers in a sub-tropical climate using UV-Vis-near-infrared Spectroscopy. <i>Journal of Forensic Sciences</i> , 2021 , 66, 190-201	1.8	1
49	Reprint of: The effects of decomposition and environment on antemortem H-Pb-Sr isotope compositions and degradation of human scalp hair: Actualistic taphonomic observations. <i>Forensic Science International</i> , 2020 , 317, 110463	2.6	1
48	The effects of decomposition and environment on antemortem H-Pb-Sr isotope compositions and degradation of human scalp hair: Actualistic taphonomic observations. <i>Forensic Science International</i> , 2020 , 312, 110336	2.6	5
47	Postmortomics: The Potential of Untargeted Metabolomics to Highlight Markers for Time Since Death. <i>OMICS A Journal of Integrative Biology</i> , 2020 , 24, 649-659	3.8	9
46	Non-invasive post-mortem interval diagnostics using a hand-held Raman spectrometer. <i>Forensic Chemistry</i> , 2020 , 20, 100270	2.8	3
45	Postmortem change in bone biomechanical properties: Loss of plasticity. <i>Forensic Science International</i> , 2019 , 300, 164-169	2.6	5
44	Reevaluation of the body mass estimate for the KNM-ER 5428 Homo erectus talus. <i>American Journal of Physical Anthropology</i> , 2019 , 170, 148-155	2.5	2
43	Sensitivity of Trabecular Mapping to Sliding Semilandmark Placement. <i>FASEB Journal</i> , 2019 , 33, 612.13	0.9	
42	Biomechanical Analysis of Long Bones Provides the Crucial Break in Decedent Identification 2019 , 29-38		
41	White-tailed Deer as a Taphonomic Agent: Photographic Evidence of White-tailed Deer Gnawing on Human Bone. <i>Journal of Forensic Sciences</i> , 2018 , 63, 292-294	1.8	14
40	Controlled experimental observations on joint disarticulation and bone displacement of a human body in an open pit: Implications for funerary archaeology. <i>Journal of Archaeological Science: Reports</i> , 2018 , 20, 158-167	0.7	10
39	The effect of ontogeny on estimates of KNM-WT 15000's adult body size. <i>Journal of Human Evolution</i> , 2018 , 121, 119-127	3.1	4
38	Survey and Insights into Unmanned Aerial-Vehicle-Based Detection and Documentation of Clandestine Graves and Human Remains. <i>Human Biology</i> , 2018 , 90, 45	1.2	9

37	The Use of X-ray Computed Tomography Technologies in Forensic Anthropology. <i>Forensic Anthropology</i> , 2018 , 1, 124-140	1.6	20
36	Validation of the Total Body Score/Accumulated Degree-Day Model at Three Human Decomposition Facilities. <i>Forensic Anthropology</i> , 2018 , 1, 143-149	1.6	7
35	Preservation of hair stable isotope signatures during freezing and law enforcement evidence packaging. <i>Forensic Chemistry</i> , 2018 , 11, 108-119	2.8	5
34	Recent advances in forensic anthropology: decomposition research. <i>Forensic Sciences Research</i> , 2018 , 3, 327-342	3.6	27
33	Survey and Insights into Unmanned Aerial-Vehicle-Based Detection and Documentation of Clandestine Graves and Human Remains. <i>Human Biology</i> , 2018 , 90, 45-61	1.2	2
32	Postmortem microbial communities in burial soil layers of skeletonized humans. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2017 , 49, 43-49	1.7	15
31	The forensic anthropologist as broker for cross-disciplinary taphonomic research related to estimating the postmortem interval in medicolegal death investigations 2017 , 251-270		1
30	Using dental cementum increment analysis to estimate age and season of death in African Americans from an historical cemetery in Missouri. <i>International Journal of Paleopathology</i> , 2016 , 15, 134-139	1.5	7
29	Comparison of decomposition rates between autopsied and non-autopsied human remains. <i>Forensic Science International</i> , 2016 , 261, 93-100	2.6	10
28	Secular Change in the Femur Diaphyseal Biomechanical Properties of American Whites. <i>Human Biology</i> , 2016 , 88, 38-46	1.2	2
27	The Effects of Soil Texture on the Ability of Human Remains Detection Dogs to Detect Buried Human Remains. <i>Journal of Forensic Sciences</i> , 2016 , 61, 649-55	1.8	9
26	Effect of obesity on the reliability of age-at-death indicators of the pelvis. <i>American Journal of Physical Anthropology</i> , 2015 , 156, 595-605	2.5	23
25	Sexual dimorphism in auricular surface projection and postauricular sulcus morphology. <i>Journal of Forensic Sciences</i> , 2015 , 60, 679-85	1.8	9
24	Size and shape differences in the distal femur and proximal tibia between normal weight and obese American Whites. <i>Journal of Forensic Sciences</i> , 2015 , 60 Suppl 1, S32-8	1.8	8
23	Extension of the Fuzzy Integral for General Fuzzy Set-Valued Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 1625-1639	8.3	32
22	Temporal trends in femoral diaphyseal torsional asymmetry among the Arikara associated with postural behavior. <i>American Journal of Physical Anthropology</i> , 2014 , 154, 512-24	2.5	1
21	The Relationship Between Femur Shape and Terrestrial Mobility Patterns 2014 , 111-132		5
20	Exploring the Relationships among Epistemological Beliefs, Nature of Science, and Conceptual Change in the Learning of Evolutionary Theory. <i>Evolution: Education and Outreach</i> , 2011 , 4, 313-322	1.6	12

19	Linguistic description of adult skeletal age-at-death estimations from fuzzy integral acquired fuzzy sets 2011 ,		6
18	Estimation of adult skeletal age-at-death using the Sugeno fuzzy integral. <i>American Journal of Physical Anthropology</i> , 2010 , 142, 30-41	2.5	31
17	A Fisk patent metallic burial case from Western Missouri: an interdisciplinary and comprehensive effort to reconstruct the history of an early settler of Lexington, Missouri. <i>Archaeological and Anthropological Sciences</i> , 2010 , 2, 283-305	1.8	6
16	Just how strapping was KNM-WT 15000?. <i>Journal of Human Evolution</i> , 2010 , 59, 542-54	3.1	64
15	Still More Fancy and Myth Than Fact In Students' Conceptions of Evolution. <i>Evolution: Education and Outreach</i> , 2009 , 2, 505-517	1.6	30
14	Testing assumptions of the Gilbert and Gill method for assessing ancestry using the femur subtrochanteric shape. <i>HOMO- Journal of Comparative Human Biology</i> , 2008 , 59, 347-63	0.5	10
13	Biomechanical Analysis of Humeral and Femoral Structural Variation in the Great Plains. <i>Plains Anthropologist</i> , 2008 , 53, 333-355	0.6	10
12	Stature estimation based on dimensions of the bony pelvis and proximal femur. <i>Journal of Forensic Sciences</i> , 2008 , 53, 65-8	1.8	37
11	Estimation and evidence in forensic anthropology: age-at-death. <i>Journal of Forensic Sciences</i> , 2008 , 53, 541-57	1.8	140
10	Estimating the timing of long bone fractures: correlation between the postmortem interval, bone moisture content, and blunt force trauma fracture characteristics*. <i>Journal of Forensic Sciences</i> , 2008 , 53, 1028-34	1.8	75
9	Effect of mobility on femur midshaft external shape and robusticity. <i>American Journal of Physical Anthropology</i> , 2006 , 130, 201-13	2.5	72
8	Temporal changes in Arikara humeral and femoral cross-sectional geometry associated with horticultural intensification. <i>Journal of Archaeological Science</i> , 2006 , 33, 1022-1036	2.9	35
7	Ontogeny of femur subtrochanteric shape in Native Americans and American Blacks and Whites. <i>Journal of Forensic Sciences</i> , 2006 , 51, 1240-5	1.8	13
6	Assessing Craniofacial Secular Change in American Blacks and Whites Using Geometric Morphometry 2005 , 231-245		34
5	Population Variation in Femur Subtrochanteric Shape. <i>Journal of Forensic Sciences</i> , 2005 , 50, 1-8	1.8	40
4	Population variation in femur subtrochanteric shape. <i>Journal of Forensic Sciences</i> , 2005 , 50, 286-93	1.8	3
3	Within-group human variation in the Asian Pleistocene: the three Upper Cave crania. <i>Journal of Human Evolution</i> , 2002 , 42, 627-38	3.1	23
2	Commentary on: McBride DG, Dietz MJ, Vennemeyer MT, Meadors SA, Benfer RA, Furbee L. Bootstrap methods for sex determination from the os coxae using the ID3 algorithm. <i>Journal of Forensic Sciences</i> , 2002 , 47, 424-7	1.8	6

- 1 The Effects of Inter-Individual Biological Differences and Taphonomic Alteration on Human Bone Protein Profiles: Implications for the Development of PMI/AAD Estimation Methods