

# Eric J Bartelink

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,558  
citations

471509

17  
h-index

345221

36  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating weaning and early childhood diet from serial micro-samples of dentin collagen. <i>Journal of Archaeological Science</i> , 2011, 38, 3101-3111.	2.4	188
2	Comparison of transmission FTIR, ATR, and DRIFT spectra: implications for assessment of bone bioapatite diagenesis. <i>Journal of Archaeological Science</i> , 2014, 46, 16-22.	2.4	153
3	DNA Preservation in Skeletal Elements from the World Trade Center Disaster: Recommendations for Mass Fatality Management*. <i>Journal of Forensic Sciences</i> , 2009, 54, 739-745.	1.6	124
4	Sex-biased weaning and early childhood diet among middle holocene hunter-gatherers in Central California. <i>American Journal of Physical Anthropology</i> , 2013, 152, 471-483.	2.1	95
5	World Trade Center human identification project: experiences with individual body identification cases. <i>Croatian Medical Journal</i> , 2003, 44, 259-63.	0.7	86
6	Evolutionary Ecology, Resource Depression, and Niche Construction Theory: Applications to Central California Hunter-Gatherers and Mimbres-Mogollon Agriculturalists. <i>Journal of Archaeological Method and Theory</i> , 2010, 17, 371-421.	3.0	83
7	Quantitative Analysis of Sharp-Force Trauma: An Application of Scanning Electron Microscopy in Forensic Anthropology. <i>Journal of Forensic Sciences</i> , 2001, 46, 1288-1293.	1.6	82
8	Recent applications of isotope analysis to forensic anthropology. <i>Forensic Sciences Research</i> , 2019, 4, 29-44.	1.6	70
9	Paleoepidemiological patterns of interpersonal aggression in a prehistoric central California population from CA-ALA-329. <i>American Journal of Physical Anthropology</i> , 2009, 139, 462-473.	2.1	51
10	APPLICATION OF STABLE ISOTOPE FORENSICS FOR PREDICTING REGION OF ORIGIN OF HUMAN REMAINS FROM PAST WARS AND CONFLICTS. <i>Annals of Anthropological Practice</i> , 2014, 38, 124-136.	0.2	49
11	EFFECTS OF DIFFERENT SAMPLE PREPARATION METHODS ON STABLE CARBON AND OXYGEN ISOTOPE VALUES OF BONE APATITE: A COMPARISON OF TWO TREATMENT PROTOCOLS*. <i>Archaeometry</i> , 2010, 52, 115-130.	1.3	46
12	The 2018 California Wildfires: Integration of Rapid DNA to Dramatically Accelerate Victim Identification. <i>Journal of Forensic Sciences</i> , 2020, 65, 791-799.	1.6	43
13	Late Holocene Dietary Change in the San Francisco Bay Area. <i>California Archaeology</i> , 2009, 1, 227-251.	0.1	33
14	Brackish water foraging: isotopic landscapes and dietary reconstruction in Suisun Marsh, Central California. <i>Journal of Archaeological Science</i> , 2013, 40, 3270-3281.	2.4	26
15	Sexual Dimorphism in Finger Ridge Breadth Measurements: A Tool for Sex Estimation from Fingerprints. <i>Journal of Forensic Sciences</i> , 2014, 59, 891-897.	1.6	26
16	A Re-examination of Cremains Weight: Sex and Age Variation in a Northern California Sample*. <i>Journal of Forensic Sciences</i> , 2011, 56, 344-349.	1.6	23
17	Intra- and inter-individual variation in $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ in human dental calculus and comparison to bone collagen and apatite isotopes. <i>Journal of Archaeological Science</i> , 2014, 52, 64-71.	2.4	19
18	Stable Isotope Forensics as an Investigative Tool in Missing Persons Investigations. , 2016, , 443-462.		19

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19	Paleodietary analysis of a San Francisco Bay Area shellmound: stable carbon and nitrogen isotope analysis of late Holocene humans from the Ellis Landing site (CA-CCO-295). <i>Journal of Archaeological Science</i> , 2013, 40, 2084-2094.	2.4	17
20	Cribrā orbitalia as a potential indicator of childhood stress: Evidence from paleopathology, stable C, N, and O isotopes, and trace element concentrations in children from a 17 th – 18 th century cemetery in Jāzēkāpils, Latvia. <i>Journal of Trace Elements in Medicine and Biology</i> , 2016, 38, 131-137.	3.0	17
21	Stable isotope evidence of juvenile foraging in prehistoric Central California. <i>Journal of Archaeological Science: Reports</i> , 2016, 7, 146-154.	0.5	16
22	Isotopic and genetic analyses of a mass grave in central California: Implications for precontact hunter-gatherer warfare. <i>American Journal of Physical Anthropology</i> , 2016, 159, 116-125.	2.1	16
23	Exploring diet and status in the Medieval and Modern periods of Asturias, Spain, using stable isotopes from bone collagen. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 3837-3855.	1.8	16
24	Resource intensification and osteoarthritis patterns: changes in activity in the prehistoric Sacramento-San Joaquin Delta region. <i>American Journal of Physical Anthropology</i> , 2017, 164, 331-342.	2.1	15
25	Comparison of strontium isotope ratios in Mexican human hair and tap water as provenance indicators. <i>Forensic Science International</i> , 2020, 314, 110422.	2.2	13
26	Commentary on: Bethard JD, DiGangi EA. Letter to the Editor – “Moving beyond a lost cause: Forensic anthropology and ancestry estimates in the United States. <i>J Forensic Sci.</i> 2020;65(5):1791-2. doi: 10.1111/1556-4029.14513.. <i>Journal of Forensic Sciences</i> , 2021, 66, 417-420.	1.6	13
27	Benign mandibular tumours: Two case studies from the Maya lowland site of Tikal, Guatemala. <i>International Journal of Osteoarchaeology</i> , 2011, 21, 351-359.	1.2	12
28	Multimethod Resolution of a Small-Scale Case of Commingling. <i>Journal of Forensic Sciences</i> , 2017, 62, 493-497.	1.6	12
29	The Evolution of a Cemetery: Rapid Change in Burial Practices in a Middle Holocene Site in Central Alta California. <i>California Archaeology</i> , 2013, 5, 3-35.	0.1	11
30	Applications of Stable Isotope Forensics for Geolocating Unidentified Human Remains From Past Conflict Situations and Large-Scale Humanitarian Efforts. , 2018, , 175-184.		11
31	Twenty-first century bioarchaeology: Taking stock and moving forward. <i>American Journal of Biological Anthropology</i> , 2022, 178, 54-114.	1.1	11
32	Application of Portable X-ray Fluorescence (XRF) for Sorting Commingled Human Remains. , 2014, , 145-165.		10
33	Spatial Distributions of Oxygen Stable Isotope Ratios in Tap Water From Mexico for Region of Origin Predictions of Unidentified Border Crossers. <i>Journal of Forensic Sciences</i> , 2020, 65, 1049-1055.	1.6	9
34	Trophy Heads or Ancestor Veneration? A Stable Isotope Perspective on Disassociated and Modified Crania in Precontact Central California. <i>American Antiquity</i> , 2016, 81, 114-131.	1.1	8
35	A probable case of acromegaly from the Windmill culture of prehistoric Central California. <i>International Journal of Paleopathology</i> , 2014, 4, 37-46.	1.4	7
36	A Case of Contested Cremains Analyzed Through Metric and Chemical Comparison. <i>Journal of Forensic Sciences</i> , 2015, 60, 1068-1073.	1.6	7

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37	Classification of Pelvic Ring Fractures in Skeletonized Human Remains. <i>Journal of Forensic Sciences</i> , 2015, 60, S171-6.	1.6	7
38	Ancient Beringian paleodiets revealed through multiproxy stable isotope analyses. <i>Science Advances</i> , 2020, 6, .	10.3	7
39	Socioeconomic and geographic implications from carbon, nitrogen, and sulfur isotope ratios in human hair from Mexico. <i>Forensic Science International</i> , 2020, 316, 110455.	2.2	7
40	A large-scale evaluation of intraperson isotopic variation within human bone collagen and bioapatite. <i>Forensic Science International</i> , 2022, 336, 111319.	2.2	7
41	Breastfeeding and weaning practices of the ancestral Ohlone Indians of California: A case study using stable isotope analysis of bone collagen. <i>International Journal of Osteoarchaeology</i> , 2018, 28, 523-534.	1.2	5
42	Using Real Interpretative Differences to Assess Inter-laboratory Isotopic Variability Due to Sample Preparation. <i>Forensic Anthropology</i> , 2022, 5, .	0.9	5
43	Analysis of Bone Healing in a Postoperative Patient: Skeletal Evidence of Medical Neglect and Human Rights Violations. <i>Journal of Forensic Sciences</i> , 2013, 58, 1050-1054.	1.6	4
44	A Comparative Taphonomic Analysis of 24 Trophy Skulls from Modern Forensic Cases<sup></sup>. <i>Journal of Forensic Sciences</i> , 2017, 62, 1266-1278.	1.6	4
45	Isotopic Insights into Dietary Life History, Social Status, and Food Sharing in American Samoa. <i>American Antiquity</i> , 2019, 84, 336-352.	1.1	4
46	Identifying Difference: Forensic Methods and the Uneven Playing Field of Repatriation. , 2018, , 129-141.		4
47	Stable isotope evidence of diet breadth expansion and regional dietary variation among Middle-to-Late Holocene Hunter-Gatherers of Central California. <i>Journal of Archaeological Science: Reports</i> , 2020, 29, 102182.	0.5	3
48	A multi-scalar reassessment of dietary isotopic variability in bioarchaeology: Differentiating secular and inter-individual variation. <i>Journal of Archaeological Science</i> , 2022, 141, 105592.	2.4	3
49	Dental disease in prehistoric Central California: sex differences in early period Windmill populations. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 3001-3012.	1.8	2
50	Using bone bioapatite yield for quality control in stable isotope analysis applications. <i>Journal of Archaeological Science: Reports</i> , 2021, 35, 102749.	0.5	2
51	Niche construction theory in bioarchaeology. , 2020, , 93-112.		2
52	Documenting non-accidental injury patterns in a dog abuse investigation: A collaborative approach between forensic anthropology and veterinary pathology. <i>Journal of Forensic Sciences</i> , 2022, 67, 756-765.	1.6	2
53	Personal Identification. , 2014, , 379-403.		1
54	New Radiocarbon Dates from CA-CCO-138 (Hotchkiss Mound) and CA-CCO-139 (Simone Mound) and Insights into Mounds, Settlement Patterns, and Culture History in the California Delta. <i>California Archaeology</i> , 2019, 11, 45-63.	0.1	1

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55	Revisiting the Central California Meganos Intrusion with New Stable Isotope and Radiocarbon Analyses at El Sobrante (CA-CCO-151). <i>California Archaeology</i> , 2020, 12, 33-57.	0.1	1
56	Stable isotopes demonstrate the importance of freshwater fisheries in Late Holocene native Californian diets in the California Delta. <i>Journal of Archaeological Science: Reports</i> , 2021, 38, 103044.	0.5	1
57	The Role of Forensic Archaeology in Missing Persons Investigations. , 2016, , 271-294.		1
58	Stable Isotope Perspectives on Hunter-Gatherer Violence: Who's Fighting Whom?. , 2016, , 296-313.		1
59	Processing and Preparing Remains. , 2014, , 179-197.		0
60	Biocultural Perspectives on Interpersonal Violence in the Prehistoric San Francisco Bay Area. , 0, , 274-301.		0
61	Personal identification. , 2019, , 443-468.		0
62	Processing, resolving commingling, and preserving remains. , 2019, , 217-242.		0
63	Stature estimation and other skeletal metrics. , 2019, , 351-368.		0
64	Human impacts on the environment and wildlife in California's past: Lessons from California archaeology. <i>California Fish and Wildlife Journal</i> , 2021, 107, 295-319.	0.6	0