

Briggs Buchanan

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,841
citations

186209

28
h-index

197736

49
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86
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86
docs citations

86
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	North American Clovis Point Form and Performance II: An Experimental Assessment of Point, Haft, and Shaft Durability. <i>Lithic Technology</i> , 2022, 47, 38-51.	0.4	14
2	Knapping quality of local versus exotic Upper Mercer chert (Ohio, USA) during the Holocene. <i>Geoarchaeology - an International Journal</i> , 2022, 37, 486-496.	0.7	6
3	Plains Paleoindian Projectile Point Penetration Potential. <i>Journal of Anthropological Research</i> , 2022, 78, 84-112.	0.1	21
4	Bayesian Modeling of the Clovis and Folsom Radiocarbon Records Indicates a 200-Year Multigenerational Transition. <i>American Antiquity</i> , 2022, 87, 567-580.	0.6	10
5	North American Clovis Point Form and Performance III: An Experimental Assessment of Knife Cutting Efficiency. <i>Lithic Technology</i> , 2022, 47, 203-220.	0.4	13
6	Refining the chronology of North America's copper using traditions: A macroscale approach via Bayesian modeling. <i>PLoS ONE</i> , 2022, 17, e0266908.	1.1	5
7	Experimental assessment of obsidian versus chert lanceolate projectile point durability and robusticity: Semi-static fracture strength and dynamic impact. <i>Archaeometry</i> , 2022, 64, 1307-1324.	0.6	5
8	Scaling Laws of Paleoindian Projectile Point Design. <i>Journal of Archaeological Method and Theory</i> , 2021, 28, 580-602.	1.4	14
9	The Effect of Isometric Scaling on Flaked Stone Projectile Point Impact Durability: An Experimental Assessment. <i>Lithic Technology</i> , 2021, 46, 260-269.	0.4	4
10	Experimental assessment of Neo-Assyrian bronze arrowhead penetration: An initial study comparing bilobate versus trilobate morphologies. <i>Journal of Archaeological Science: Reports</i> , 2021, 35, 102765.	0.2	5
11	Bayesian Revision of the Folsom Age Range Using IntCal20. <i>PaleoAmerica</i> , 2021, 7, 133-144.	0.4	14
12	Was Welling, Ohio (33-Co-2), a Clovis Basecamp or Lithic Workshop? Employing Experimental Models to Interpret Old Collections. <i>American Antiquity</i> , 2021, 86, 183-198.	0.6	9
13	Antelope Springs: A Folsom Site in South Park, Colorado. <i>PaleoAmerica</i> , 2021, 7, 114-132.	0.4	7
14	Current Evidence Supports Welling as an Outcrop-Related Base Camp. <i>American Antiquity</i> , 2021, 86, 867-870.	0.6	4
15	Geometric Morphometric Analyses Support Incorporating the Goshen Point Type into Plainview. <i>American Antiquity</i> , 2020, 85, 171-181.	0.6	7
16	North American Clovis Point Form and Performance: An Experimental Assessment of Penetration Depth. <i>Lithic Technology</i> , 2020, 45, 263-282.	0.4	32
17	Tip cross-sectional geometry predicts the penetration depth of stone-tipped projectiles. <i>Scientific Reports</i> , 2020, 10, 13289.	1.6	39
18	Description, Geometric Morphometrics, and Microwear of Five Clovis Fluted Projectile Points from Lucas and Wood Counties, Northwest Ohio, USA. <i>Journal of Paleolithic Archaeology</i> , 2020, 3, 1034-1047.	0.7	5

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19	Human behavior or taphonomy? On the breakage of Eastern North American Paleoindian endscrapers. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	2
20	The non-invention of the ceramic arrowhead in world archaeology. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102283.	0.2	9
21	Miniaturization optimized weapon killing power during the social stress of late pre-contact North America (AD 600-1600). <i>PLoS ONE</i> , 2020, 15, e0230348.	1.1	28
22	Evaluating the effects of parallax in archaeological geometric morphometric analyses. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	4
23	Scaling human sociopolitical complexity. <i>PLoS ONE</i> , 2020, 15, e0234615.	1.1	5
24	Hunter-gatherer gatherings: stone-tool microwear from the Welling Site (33-Co-2), Ohio, U.S.A. supports Clovis use of outcrop-related base camps during the Pleistocene Peopling of the Americas. <i>World Archaeology</i> , 2019, 51, 47-75.	0.5	26
25	Thermal engineering of stone increased prehistoric toolmaking skill. <i>Scientific Reports</i> , 2019, 9, 14591.	1.6	26
26	The small-world topology of Clovis lithic networks. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 3537-3548.	0.7	15
27	The Black Diamond Site, Northeast Ohio, USA: a New Clovis Occupation in a Proposed Secondary Staging Area. <i>Journal of Paleolithic Archaeology</i> , 2019, 2, 211-233.	0.7	14
28	Nine-thousand years of optimal toolstone selection through the North American Holocene. <i>Antiquity</i> , 2019, 93, 313-324.	0.5	11
29	Settling into the country: Comparison of Clovis and Folsom lithic networks in western North America shows increasing redundancy of toolstone use. <i>Journal of Anthropological Archaeology</i> , 2019, 53, 32-42.	0.7	37
30	Investigating the scale of prehistoric social networks using culture, language, and point types in western North America. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 199-207.	0.7	5
31	Thermoluminescence (TL) and Optically Stimulated Luminescence (OSL) Dating of Two Burned Clovis Wyandotte Chert Lithic Specimens from Paleo Crossing (33ME274), Ohio, USA. <i>Lithic Technology</i> , 2018, 43, 18-25.	0.4	5
32	SCALING THE SIZE, STRUCTURE, AND DYNAMICS OF RESIDENTIALLY MOBILE HUNTER-GATHERER CAMPS. <i>American Antiquity</i> , 2018, 83, 701-720.	0.6	28
33	AN ASSESSMENT OF STONE WEAPON TIP STANDARDIZATION DURING THE CLOVIS-FOLSOM TRANSITION IN THE WESTERN UNITED STATES. <i>American Antiquity</i> , 2018, 83, 721-734.	0.6	28
34	On the Late Paleoindian temporal assignment for the Honey Run Site (33-Co-3), Coshocton County, Ohio: A morphometric assessment of flaked stone stemmed lanceolate projectile points. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 588-595.	0.2	6
35	A New Look at Flaked Stone Projectiles from the Mixer Site (33-ER-4), Erie County, Ohio, USA. <i>Lithic Technology</i> , 2018, 43, 166-171.	0.4	3
36	Description, morphometrics, and microwear of Late Pleistocene-Early Holocene artifacts from Southwestern Kentucky, U.S.A.. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 516-523.	0.2	10

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37	Explaining the origin of fluting in North American Pleistocene weaponry. <i>Journal of Archaeological Science</i> , 2017, 81, 23-30.	1.2	69
38	Environment-induced changes in selective constraints on social learning during the peopling of the Americas. <i>Scientific Reports</i> , 2017, 7, 44431.	1.6	16
39	The morphometrics and microwear of a small Clovis assemblage from Guernsey County, Southeastern Ohio, U.S.A.. <i>Journal of Archaeological Science: Reports</i> , 2017, 15, 318-329.	0.2	14
40	Cultural learning and the Clovis colonization of North America. <i>Evolutionary Anthropology</i> , 2017, 26, 270-284.	1.7	14
41	Clovis Colonization of Eastern North America: A Phylogenetic Approach. <i>Science and Technology of Archaeological Research</i> , 2016, 2, 67-89.	2.4	7
42	On Identifying Stone Tool Production Techniques: An Experimental and Statistical Assessment of Pressure Versus Soft Hammer Percussion Flake Form. <i>American Antiquity</i> , 2016, 81, 737-751.	0.6	8
43	The Wauseon Clovis fluted point preform, Northwest Ohio, U.S.A.: Observations, geometric morphometrics, microwear, and toolstone procurement distance. <i>Journal of Archaeological Science: Reports</i> , 2016, 10, 147-154.	0.2	13
44	Test, Model, and Method Validation: The Role of Experimental Stone Artifact Replication in Hypothesis-driven Archaeology. <i>Ethnoarchaeology</i> , 2016, 8, 103-136.	0.4	156
45	Drivers of technological richness in prehistoric Texas: an archaeological test of the population size and environmental risk hypotheses. <i>Archaeological and Anthropological Sciences</i> , 2016, 8, 625-634.	0.7	32
46	Lithic networks reveal early regionalization in late Pleistocene North America. <i>Journal of Archaeological Science</i> , 2016, 65, 114-121.	1.2	47
47	Statistical Analysis of Paradigmatic Class Richness Supports Greater Paleoindian Projectile-Point Diversity in the Southeast. <i>American Antiquity</i> , 2016, 81, 174-192.	0.6	44
48	Design Space and Cultural Transmission: Case Studies from Paleoindian Eastern North America. <i>Journal of Archaeological Method and Theory</i> , 2016, 23, 692-740.	1.4	30
49	On Identifying Stone Tool Production Techniques: An Experimental and Statistical Assessment of Pressure Versus Soft Hammer Percussion Flake Form. <i>American Antiquity</i> , 2016, 81, 737-751.	0.6	2
50	Transmission of Cultural Variants in the North American Paleolithic. , 2015, , 121-143.		14
51	Taphonomic analysis of the Folsom bonebed at Lake Theo, Texas. <i>North American Archaeologist</i> , 2015, 36, 170-196.	0.3	22
52	â€œDISSECTINGâ€•QUARTZITE AND BASALT BIPOLAR FLAKE SHAPE: A MORPHOMETRIC COMPARISON OF EXPERIMENTAL REPLICATIONS FROM OLDUVAI GORGE, TANZANIA. <i>Lithic Technology</i> , 2015, 40, 332-341.	0.4	20
53	Social learning and technological evolution during the Clovis colonization of the New World. <i>Journal of Human Evolution</i> , 2015, 80, 159-170.	1.3	81
54	Neutron activation analysis of 12,900-year-old stone artifacts confirms 450â€“510+ km Clovis tool-stone acquisition at Paleo Crossing (33ME274), northeast Ohio, U.S.A.. <i>Journal of Archaeological Science</i> , 2015, 53, 550-558.	1.2	77

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55	Size, shape, scars, and spatial patterning: A quantitative assessment of late Pleistocene (Clovis) point resharpening. <i>Journal of Archaeological Science: Reports</i> , 2015, 3, 11-21.	0.2	49
56	Solutreanist. <i>Antiquity</i> , 2014, 88, 622-624.	0.5	8
57	On thin ice: problems with Stanford and Bradley's proposed Solutrean colonisation of North America. <i>Antiquity</i> , 2014, 88, 606-613.	0.5	36
58	Continent-wide or region-specific? A geometric morphometrics-based assessment of variation in Clovis point shape. <i>Archaeological and Anthropological Sciences</i> , 2014, 6, 145-162.	0.7	107
59	Innovation and cultural transmission in the American Paleolithic: Phylogenetic analysis of eastern Paleoindian projectile-point classes. <i>Journal of Anthropological Archaeology</i> , 2014, 34, 100-119.	0.7	98
60	Population Size as an Explanation for Patterns in the Paleolithic Archaeological Record. <i>Current Anthropology</i> , 2013, 54, S388-S396.	0.8	85
61	Clovis Paleoecology and Lithic Technology in the Central Rio Grande Rift Region, New Mexico. <i>American Antiquity</i> , 2013, 78, 248-265.	0.6	25
62	Trees, thickets, or something in between? Recent theoretical and empirical work in cultural phylogeny. <i>Israel Journal of Ecology and Evolution</i> , 2013, 59, 45-61.	0.2	15
63	Population Size and Cultural Evolution in Nonindustrial Food-Producing Societies. <i>PLoS ONE</i> , 2013, 8, e72628.	1.1	80
64	Cultural Cladistics and the Early Prehistory of North America. , 2012, , 23-42.		16
65	An Assessment of the Impact of Hafting on Paleoindian Point Variability. <i>PLoS ONE</i> , 2012, 7, e36364.	1.1	23
66	A Morphometric Assessment of the Intended Function of Cached Clovis Points. <i>PLoS ONE</i> , 2012, 7, e30530.	1.1	35
67	Risk of Resource Failure and Toolkit Variation in Small-Scale Farmers and Herders. <i>PLoS ONE</i> , 2012, 7, e40975.	1.1	13
68	Points and prey: a quantitative test of the hypothesis that prey size influences early Paleoindian projectile point form. <i>Journal of Archaeological Science</i> , 2011, 38, 852-864.	1.2	69
69	A comment on Steele's (2010) "radiocarbon dates as data: quantitative strategies for estimating colonization front speeds and event densities". <i>Journal of Archaeological Science</i> , 2011, 38, 2116-2122.	1.2	28
70	Niche Construction and the Toolkits of Hunter-Gatherers and Food Producers. <i>Biological Theory</i> , 2011, 6, 251-259.	0.8	40
71	Archaeological Support for the Three-Stage Expansion of Modern Humans across Northeastern Eurasia and into the Americas. <i>PLoS ONE</i> , 2010, 5, e12472.	1.1	38
72	A geometric morphometrics-based assessment of blade shape differences among Paleoindian projectile point types from western North America. <i>Journal of Archaeological Science</i> , 2010, 37, 350-359.	1.2	104

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73	Spatiotemporal dynamics of the Clovis–Folsom transition. <i>Journal of Archaeological Science</i> , 2010, 37, 2513-2519.	1.2	68
74	The impact of changing grasslands on Late Quaternary bison of the Southern Plains. <i>Quaternary International</i> , 2010, 217, 117-130.	0.7	13
75	A Formal Test of the Origin of Variation in North American Early Paleoindian Projectile Points. <i>American Antiquity</i> , 2009, 74, 279-298.	0.6	71
76	The accumulation of stochastic copying errors causes drift in culturally transmitted technologies: Quantifying Clovis evolutionary dynamics. <i>Journal of Anthropological Archaeology</i> , 2009, 28, 55-69.	0.7	104
77	Paleoindian demography and the extraterrestrial impact hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11651-11654.	3.3	103
78	Phenetics, cladistics, and the search for the Alaskan ancestors of the Paleoindians: a reassessment of relationships among the Clovis, Nenana, and Denali archaeological complexes. <i>Journal of Archaeological Science</i> , 2008, 35, 1683-1694.	1.2	58
79	Spatial gradients in Clovis-age radiocarbon dates across North America suggest rapid colonization from the north. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15625-15630.	3.3	120
80	A Morphometric Approach to Assessing Late Paleoindian Projectile Point Variability on the Southern High Plains. <i>Plains Anthropologist</i> , 2007, 52, 279-299.	0.6	21
81	Investigating the peopling of North America through cladistic analyses of Early Paleoindian projectile points. <i>Journal of Anthropological Archaeology</i> , 2007, 26, 366-393.	0.7	118
82	An analysis of Folsom projectile point resharpening using quantitative comparisons of form and allometry. <i>Journal of Archaeological Science</i> , 2006, 33, 185-199.	1.2	91
83	Sexing Bison Metapodials Using Principal Component Analysis. <i>Plains Anthropologist</i> , 2005, 50, 159-172.	0.6	30
84	The Effects of Sample Bias on Paleoindian Fluted Point Recovery in the United States. <i>North American Archaeologist</i> , 2003, 24, 311-338.	0.3	21
85	Folsom Lithic Procurement, Tool Use, and Replacement at the Lake Theo Site, Texas. <i>Plains Anthropologist</i> , 2002, 47, 121-146.	0.6	12