Metin Eren

List of Publications by Year in descending order

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114	3,236	126708	182168
papers	citations	33 h-index	51 g-index

122	122	122	1085
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Test, Model, and Method Validation: The Role of Experimental Stone Artifact Replication in Hypothesis-driven Archaeology. Ethnoarchaeology, 2016, 8, 103-136.	0.4	156
2	The role of raw material differences in stone tool shape variation: an experimental assessment. Journal of Archaeological Science, 2014, 49, 472-487.	1.2	133
3	Why Levallois? A Morphometric Comparison of Experimental â€˜Preferentialâ€™ Levallois Flakes versus Debitage Flakes. PLoS ONE, 2012, 7, e29273.	1.1	121
4	Are Upper Paleolithic blade cores more productive than Middle Paleolithic discoidal cores? A replication experiment. Journal of Human Evolution, 2008, 55, 952-961.	1.3	112
5	Toolstone constraints on knapping skill: Levallois reduction with two different raw materials. Journal of Archaeological Science, 2011, 38, 2731-2739.	1.2	93
6	Refuting the technological cornerstone of the Ice-Age Atlantic crossing hypothesis. Journal of Archaeological Science, 2013, 40, 2934-2941.	1.2	90
7	Defining and measuring reduction in unifacial stone tools. Journal of Archaeological Science, 2005, 32, 1190-1201.	1.2	84
8	Were bamboo tools made in prehistoric Southeast Asia? An experimental view from South China. Quaternary International, 2012, 269, 9-21.	0.7	83
9	Social learning and technological evolution during the Clovis colonization of the New World. Journal of Human Evolution, 2015, 80, 159-170.	1.3	81
10	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.. Journal of Archaeological Science, 2015, 53, 550-558.	1.2	77
11	Experimental examination of animal trampling effects on artifact movement in dry and water saturated substrates: a test case from South India. Journal of Archaeological Science, 2010, 37, 3010-3021.	1.2	73
12	An empirical test of the relative frequency of bipolar reduction in Beds VI, V, and III at Mumba Rockshelter, Tanzania: implications for the East African Middle to Late Stone Age transition. Journal of Archaeological Science, 2013, 40, 248-256.	1.2	69
13	Explaining the origin of fluting in North American Pleistocene weaponry. Journal of Archaeological Science, 2017, 81, 23-30.	1.2	69
14	Middle Paleolithic Skill Level and the Individual Knapper: An Experiment. American Antiquity, 2011, 76, 229-251.	0.6	66
15	The technology of Stone Age colonization: an empirical, regional-scale examination of Clovis unifacial stone tool reduction, allometry, and edge angle from the North American Lower Great Lakes region. Journal of Archaeological Science, 2013, 40, 2101-2112.	1.2	66
16	Lower Paleolithic bipolar reduction and hominin selection of quartz at Olduvai Gorge, Tanzania: What's the connection?. Quaternary International, 2014, 322-323, 285-291.	0.7	59
17	Levallois economics: an examination of â€˜wasteâ€™ production in experimentally produced Levallois reduction sequences. Journal of Archaeological Science, 2013, 40, 2384-2392.	1.2	56
18	Levallois lessons: the challenge of integrating mathematical models, quantitative experiments and the archaeological record. World Archaeology, 2013, 45, 519-538.	0.5	54

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19	Factors affecting Acheulean handaxe variation: Experimental insights, microevolutionary processes, and macroevolutionary outcomes. Quaternary International, 2016, 411, 386-401.	0.7	53
20	Size, shape, scars, and spatial patterning: A quantitative assessment of late Pleistocene (Clovis) point resharpening. Journal of Archaeological Science: Reports, 2015, 3, 11-21.	0.2	49
21	Estimating the Richness of a Population When the Maximum Number of Classes Is Fixed: A Nonparametric Solution to an Archaeological Problem. PLoS ONE, 2012, 7, e34179.	1.1	46
22	Does butchering fish leave cut marks?. Journal of Archaeological Science, 2008, 35, 1438-1444.	1.2	44
23	Statistical Analysis of Paradigmatic Class Richness Supports Greater Paleoindian Projectile-Point Diversity in the Southeast. American Antiquity, 2016, 81, 174-192.	0.6	44
24	Is Clovis Technology Unique to Clovis?. PaleoAmerica, 2018, 4, 202-218.	0.4	44
25	MORE ON THE RUMOR OF â€œINTENTIONAL OVERSHOT FLAKINGâ€•AND THE PURPORTED ICE-AGE ATLANTIC CROSSING. Lithic Technology, 2014, 39, 55-63.	0.4	42
26	Why Are Clovis Fluted Points More Resilient than Nonâ€Fluted Lanceolate Points? A Quantitative Assessment of Breakage Patterns Between Experimental Models. Archaeometry, 2019, 61, 1-13.	0.6	42
27	Quantifying and Comparing Bipolar Versus Freehand Flake Morphologies, Production Currencies, and Reduction Energetics During Lithic Miniaturization. Lithic Technology, 2017, 42, 90-108.	0.4	40
28	Were Bifaces used as Mobile Cores by Clovis Foragers in the North American Lower Great Lakes Region? An Archaeological Test of Experimentally Derived Quantitative Predictions. American Antiquity, 2013, 78, 166-180.	0.6	39
29	A Statistical Examination of Flake Edge Angles Produced During Experimental Lineal Levallois Reductions and Consideration of Their Functional Implications. Journal of Archaeological Method and Theory, 2016, 23, 379-398.	1.4	39
30	Tip cross-sectional geometry predicts the penetration depth of stone-tipped projectiles. Scientific Reports, 2020, 10, 13289.	1.6	39
31	Settling into the country: Comparison of Clovis and Folsom lithic networks in western North America shows increasing redundancy of toolstone use. Journal of Anthropological Archaeology, 2019, 53, 32-42.	0.7	37
32	Experimental assessment of proximal-lateral edge grinding on haft damage using replicated Late Pleistocene (Clovis) stone projectile points. Archaeological and Anthropological Sciences, 2019, 11, 5833-5849.	0.7	37
33	On thin ice: problems with Stanford and Bradley's proposed Solutrean colonisation of North America. Antiquity, 2014, 88, 606-613.	0.5	36
34	The three lives of a uniface. Journal of Archaeological Science, 2015, 54, 228-236.	1.2	34
35	North American Clovis Point Form and Performance: An Experimental Assessment of Penetration Depth. Lithic Technology, 2020, 45, 263-282.	0.4	32
36	Kuhn's Geometric Index of Unifacial Stone Tool Reduction (GIUR): does it measure missing flake mass?. Journal of Archaeological Science, 2009, 36, 1243-1247.	1.2	31

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37	Design Space and Cultural Transmission: Case Studies from Paleoindian Eastern North America. Journal of Archaeological Method and Theory, 2016, 23, 692-740.	1.4	30
38	Early stage blunting causes rapid reductions in stone tool performance. Journal of Archaeological Science, 2018, 91, 1-11.	1.2	30
39	Toward a functional understanding of the North American Old Copper Culture â€œtechnomic devolutionâ€• Journal of Archaeological Science, 2018, 98, 34-44.	1.2	29
40	AN ASSESSMENT OF STONE WEAPON TIP STANDARDIZATION DURING THE CLOVISâ€“FOLSOM TRANSITION IN THE WESTERN UNITED STATES. American Antiquity, 2018, 83, 721-734.	0.6	28
41	Miniaturization optimized weapon killing power during the social stress of late pre-contact North America (AD 600-1600). PLoS ONE, 2020, 15, e0230348.	1.1	28
42	Clovis Blades at Paleo Crossing (33ME274), Ohio. Midcontinental Journal of Archaeology, 2011, 36, 173-194.	0.1	27
43	On the Inferred Age and Origin of Lithic Bi-Points from the Eastern Seaboard and their Relevance to the Pleistocene Peopling of North America. American Antiquity, 2015, 80, 134-145.	0.6	27
44	Middle Stone Age archaeology at Olduvai Gorge, Tanzania. Quaternary International, 2014, 322-323, 292-313.	0.7	26
45	The Cinmar discovery and the proposed pre-Late Glacial Maximum occupation of North America. Journal of Archaeological Science: Reports, 2015, 2, 708-713.	0.2	26
46	Comparing the use of meat and clay during cutting and projectile research. Engineering Fracture Mechanics, 2018, 192, 163-175.	2.0	26
47	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. World Archaeology, 2019, 51, 47-75.	0.5	26
48	Thermal engineering of stone increased prehistoric toolmaking skill. Scientific Reports, 2019, 9, 14591.	1.6	26
49	Experimental Evaluation of the Levallois â€œCore Shape Maintenanceâ€•Hypothesis. Lithic Technology, 2009, 34, 119-125.	0.4	23
50	Developing a stable point: Evaluating the temporal and geographic consistency of Late Prehistoric unnotched triangular point functional design in Midwestern North America. Journal of Anthropological Archaeology, 2017, 47, 72-82.	0.7	21
51	Plains Paleoindian Projectile Point Penetration Potential. Journal of Anthropological Research, 2022, 78, 84-112.	0.1	21
52	â€œDISSECTINGâ€•QUARTZITE AND BASALT BIPOLAR FLAKE SHAPE: A MORPHOMETRIC COMPARISON OF EXPERIMENTAL REPLICATIONS FROM OLDUVAI GORGE, TANZANIA. Lithic Technology, 2015, 40, 332-341.	0.4	20
53	Overshot Flaking at the Arc Site, Genesee County, New York: Examining the Clovis-Gainey Connection. The Open Anthropology Journal, 2011, 4, 40-52.	0.4	20
54	Modern thermoplastic (hot glue) versus organic-based adhesives and haft bond failure rate in experimental prehistoric ballistics. International Journal of Adhesion and Adhesives, 2021, 104, 102717.	1.4	19

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55	The exceptional abandonment of metal tools by North American hunter-gatherers, 3000 B.P.. Scientific Reports, 2019, 9, 5756.	1.6	18
56	Environment-induced changes in selective constraints on social learning during the peopling of the Americas. Scientific Reports, 2017, 7, 44431.	1.6	16
57	Preface to â€˜Faunal Extinctions and Introductionsâ€™. World Archaeology, 2012, 44, 1-2.	0.5	15
58	The Early Acheulean inAfrica: Past paradigms, current ideas, and future directions. , 2012, , 310-358.		15
59	Description and microwear analysis of Clovis artifacts on a glacially-deposited secondary chert source near the Hartley Mastodon discovery, Columbiana County, Northeastern Ohio, U.S.A.. Journal of Archaeological Science: Reports, 2017, 12, 543-552.	0.2	15
60	On the efficacy of Clovis fluted points for hunting proboscideans. Journal of Archaeological Science: Reports, 2021, 39, 103166.	0.2	15
61	Comparing and Synthesizing Unifacial Stone Tool Reduction Indices. , 2008, , 49-85.		14
62	Transmission of Cultural Variants in the North American Paleolithic. , 2015, , 121-143.		14
63	The morphometrics and microwear of a small Clovis assemblage from Guernsey County, Southeastern Ohio, U.S.A.. Journal of Archaeological Science: Reports, 2017, 15, 318-329.	0.2	14
64	The Black Diamond Site, Northeast Ohio, USA: a New Clovis Occupation in a Proposed Secondary Staging Area. Journal of Paleolithic Archaeology, 2019, 2, 211-233.	0.7	14
65	Controlled ballistics tests of ground, percussion-flaked, and pressure-flaked projectile point impact durability: Implications for archaeological method and theory. Journal of Archaeological Science: Reports, 2019, 24, 677-682.	0.2	14
66	North American Clovis Point Form and Performance II: An Experimental Assessment of Point, Haft, and Shaft Durability. Lithic Technology, 2022, 47, 38-51.	0.4	14
67	Paleoindian Unifacial Stone Tool â€˜Spursâ€™: Intended Accessories or Incidental Accidents?. PLoS ONE, 2013, 8, e78419.	1.1	13
68	The Wauseon Clovis fluted point preform, Northwest Ohio, U.S.A.: Observations, geometric morphometrics, microwear, and toolstone procurement distance. Journal of Archaeological Science: Reports, 2016, 10, 147-154.	0.2	13
69	Assessing raw materialâ€™s role in bipolar and freehand miniaturized flake shape, technological structure, and fragmentation rates. Archaeological and Anthropological Sciences, 2019, 11, 5893-5907.	0.7	13
70	North American Clovis Point Form and Performance III: An Experimental Assessment of Knife Cutting Efficiency. Lithic Technology, 2022, 47, 203-220.	0.4	13
71	Nine-thousand years of optimal toolstone selection through the North American Holocene. Antiquity, 2019, 93, 313-324.	0.5	11
72	Built-in Misdirection: On the Difficulties of Learning to Knap. Lithic Technology, 2019, 44, 8-21.	0.4	11

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73	Description, morphometrics, and microwear of Late Pleistocene-Early Holocene artifacts from Southwestern Kentucky, U.S.A.. Journal of Archaeological Science: Reports, 2018, 20, 516-523.	0.2	10
74	Clovis Technology is not Unique to Clovis. PaleoAmerica, 2021, 7, 226-241.	0.4	10
75	Levallois: Potential Implications for Learning and Cultural Transmission Capacities. Lithic Technology, 0, , 1-20.	0.4	9
76	Early- and middle-stage fluted stone tool bases found near Fox Lake, Wayne County Ohio: Clovis or not?. Journal of Archaeological Science: Reports, 2019, 25, 1-6.	0.2	9
77	The non-invention of the ceramic arrowhead in world archaeology. Journal of Archaeological Science: Reports, 2020, 31, 102283.	0.2	9
78	Why invent the handle? Electromyography (EMG) and efficiency of use data investigating the prehistoric origin and selection of hafted stone knives. Archaeological and Anthropological Sciences, 2021, 13, 1.	0.7	9
79	Was Welling, Ohio (33-Co-2), a Clovis Basecamp or Lithic Workshop? Employing Experimental Models to Interpret Old Collections. American Antiquity, 2021, 86, 183-198.	0.6	9
80	Dynamic Approaches to Teaching Lithic Technology. Ethnoarchaeology, 2010, 2, 223-234.	0.4	8
81	Solutreanism. Antiquity, 2014, 88, 622-624.	0.5	8
82	On Identifying Stone Tool Production Techniques: An Experimental and Statistical Assessment of Pressure Versus Soft Hammer Percussion Flake Form. American Antiquity, 2016, 81, 737-751.	0.6	8
83	The Cerutti Mastodon site and experimental archaeology's quiet coming of age. Antiquity, 2019, 93, 796-797.	0.5	8
84	Underestimating Kanzi? Exploring <scp>Kanziâ€Oldowan</scp> comparisons in light of recent human stone tool replication. Evolutionary Anthropology, 2020, 29, 310-316.	1.7	8
85	Clovis Colonization of Eastern North America: A Phylogenetic Approach. Science and Technology of Archaeological Research, 2016, 2, 67-89.	2.4	7
86	Validating chronograph photo sensor measurement accuracy of stone-tipped projectile velocity. Measurement: Sensors, 2021, 13, 100037.	1.3	7
87	Antelope Springs: A Folsom Site in South Park, Colorado. PaleoAmerica, 2021, 7, 114-132.	0.4	7
88	Experimental assessment of lanceolate projectile point and haft robustness. Journal of Archaeological Science: Reports, 2022, 42, 103399.	0.2	7
89	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. Journal of Archaeological Science: Reports, 2018, 20, 588-595.	0.2	6
90	Controlled experiments support the role of function in the evolution of the North American copper tool repertoire. Journal of Archaeological Science: Reports, 2019, 26, 101917.	0.2	6

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91	Knapping quality of local versus exotic Upper Mercer chert (Ohio, USA) during the Holocene. Geoarchaeology - an International Journal, 2022, 37, 486-496.	0.7	6
92	Thermoluminescence (TL) and Optically Stimulated Luminescence (OSL) Dating of Two Burned Clovis Wyandotte Chert Lithic Specimens from Paleo Crossing (33ME274), Ohio, USA. Lithic Technology, 2018, 43, 18-25.	0.4	5
93	Description and Thermoluminescence (Tl) Dating of An Alleged Hopewell Mobiliary Clay Human Figurine from Hopeton Earthworks, Ross County, Ohio. Midcontinental Journal of Archaeology, 2018, 43, 112-132.	0.1	5
94	Description, Geometric Morphometrics, and Microwear of Five Clovis Fluted Projectile Points from Lucas and Wood Counties, Northwest Ohio, USA. Journal of Paleolithic Archaeology, 2020, 3, 1034-1047.	0.7	5
95	Rock Music: An Auditory Assessment of Knapping. Lithic Technology, 2021, 46, 320-335.	0.4	5
96	Another tool in the experimental toolbox: On the use of aluminum as a substitute for chert in North American prehistoric ballistics research and beyond. North American Archaeologist, 2022, 43, 151-176.	0.3	5
97	Experimental assessment of obsidian versus chert lanceolate projectile point durability and robusticity: Semiâ€static fracture strength and dynamic impact. Archaeometry, 2022, 64, 1307-1324.	0.6	5
98	Experimental assessment of planâ€view and profileâ€view grossâ€edge curvature on stone flake slicing efficiency. Archaeometry, 2023, 65, 36-48.	0.6	5
99	Toward Recognizing the Prehistoric Butchery of Frozen Meat: An Archaeological Experiment and Stone Tool Microwear Analysis. Lithic Technology, 2019, 44, 1-7.	0.4	4
100	The Effect of Heat on Lithic Microwear Traces: An Experimental Assessment. Lithic Technology, 2020, 45, 38-47.	0.4	4
101	The Effect of Isometric Scaling on Flaked Stone Projectile Point Impact Durability: An Experimental Assessment. Lithic Technology, 2021, 46, 260-269.	0.4	4
102	The Nelson stone tool cache, North-Central Ohio, U.S.A.: Assessing its cultural affiliation. Journal of Archaeological Science: Reports, 2021, 37, 102972.	0.2	4
103	Current Evidence Supports Welling as an Outcrop-Related Base Camp. American Antiquity, 2021, 86, 867-870.	0.6	4
104	A New Look at Flaked Stone Projectiles from the Mixter Site (33-ER-4), Erie County, Ohio, USA. Lithic Technology, 2018, 43, 166-171.	0.4	3
105	Experimental replication shows knives manufactured from frozen human feces do not work. Journal of Archaeological Science: Reports, 2019, 27, 102002.	0.2	3
106	Temper and temperament of prehistoric craft: Temper type evolution and clay body 'workability'. Craft Research, 2019, 10, 237-259.	0.1	3
107	Robert J.ÂPatten (1944â€“2017): Life, Legacy, and Contributions to Archaeology, Lithic Technology, and Flintknapping. Lithic Technology, 2019, 44, 120-131.	0.4	2
108	Invention or diffusion: on the appearance of limestone temper in the late Holocene archeological record of southern Ohio, USA. Archaeological and Anthropological Sciences, 2019, 11, 2771-2779.	0.7	2

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109	Human behavior or taphonomy? On the breakage of Eastern North American Paleoindian endscrapers. Archaeological and Anthropological Sciences, 2020, 12, 1.	0.7	2
110	On Identifying Stone Tool Production Techniques: An Experimental and Statistical Assessment of Pressure Versus Soft Hammer Percussion Flake Form. American Antiquity, 2016, 81, 737-751.	0.6	2
111	Using visible derivative spectroscopy to assess flaked projectile point provenance: Application and preliminary analysis of the welling site, Ohio, U.S.A. Archaeometry, 2022, 64, 833-848.	0.6	1
112	On the Presumed Clovis-Age Structure at the Paleo Crossing Site, Ohio. Journal of Field Archaeology, 2022, 47, 1-12.	0.7	1
113	Nicholas Ashton. Early humans. 2017. London: HarperCollins; 978-0-00-8150341-8 Â£35.. Antiquity, 2018, 92, 541-542.	0.5	0
114	Late Holocene radiocarbon dates for the Welling site (33CS441): A multi-component site in Coshocton County, Ohio. Journal of Archaeological Science: Reports, 2022, 41, 103345.	0.2	0