

# Todd A Surovell

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

3,187  
citations

201674

27  
h-index

214800

47  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Paleolithic Population Growth Pulses Evidenced by Small Animal Exploitation. <i>Science</i> , 1999, 283, 190-194.	12.6	498
2	Correcting temporal frequency distributions for taphonomic bias. <i>Journal of Archaeological Science</i> , 2009, 36, 1715-1724.	2.4	310
3	A note on the use of temporal frequency distributions in studies of prehistoric demography. <i>Journal of Archaeological Science</i> , 2007, 34, 1868-1877.	2.4	207
4	Standardizing Infra-red Measures of Bone Mineral Crystallinity: an Experimental Approach. <i>Journal of Archaeological Science</i> , 2001, 28, 633-642.	2.4	189
5	Global archaeological evidence for proboscidean overkill. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6231-6236.	7.1	150
6	Clovis Hunting Strategies, or How to Make out on Plentiful Resources. <i>American Antiquity</i> , 2003, 68, 333-352.	1.1	143
7	Synchronous extinction of North America's Pleistocene mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20641-20645.	7.1	139
8	A continuous climatic impact on Holocene human population in the Rocky Mountains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 443-447.	7.1	131
9	Early Paleoindian Women, Children, Mobility, and Fertility. <i>American Antiquity</i> , 2000, 65, 493-508.	1.1	128
10	Current evidence allows multiple models for the peopling of the Americas. <i>Science Advances</i> , 2018, 4, eaat5473.	10.3	114
11	Bone Preservation in Hayonim Cave (Israel): a Macroscopic and Mineralogical Study. <i>Journal of Archaeological Science</i> , 2001, 28, 643-659.	2.4	104
12	Making a point: wood- versus stone-tipped projectiles. <i>Antiquity</i> , 2009, 83, 786-800.	1.0	102
13	An independent evaluation of the Younger Dryas extraterrestrial impact hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18155-18158.	7.1	97
14	Comment on "Redefining the Age of Clovis: Implications for the Peopling of the Americas". <i>Science</i> , 2007, 317, 320-320.	12.6	76
15	Absence of geochemical evidence for an impact event at the Bølling-Allerød/Younger Dryas transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21505-21510.	7.1	76
16	How many elephant kills are 14?. <i>Quaternary International</i> , 2008, 191, 82-97.	1.5	74
17	Test of Martin's overkill hypothesis using radiocarbon dates on extinct megafauna. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 886-891.	7.1	73
18	On the Dating of the Folsom Complex and its Correlation with the Younger Dryas, the End of Clovis, and Megafaunal Extinction. <i>PaleoAmerica</i> , 2016, 2, 81-89.	1.5	52

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19	The Younger Dryas impact hypothesis: a cosmic catastrophe. <i>Journal of Quaternary Science</i> , 2014, 29, 515-530.	2.1	47
20	Arrival routes of first Americans uncertain. <i>Science</i> , 2018, 359, 1224-1225.	12.6	42
21	Human Prey Choice in the Late Pleistocene and Its Relation to Megafaunal Extinctions. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2009, , 77-105.	0.5	41
22	The Associational Critique of Quaternary Overkill and why it is Largely Irrelevant to the Extinction Debate. <i>American Antiquity</i> , 2012, 77, 672-687.	1.1	38
23	Radiocarbon dating of bone apatite by step heating. <i>Geoarchaeology - an International Journal</i> , 2000, 15, 591-608.	1.5	33
24	A Blind Test of the Younger Dryas Impact Hypothesis. <i>PLoS ONE</i> , 2016, 11, e0155470.	2.5	32
25	Long-distance transport of red ocher by Clovis foragers. <i>Journal of Archaeological Science: Reports</i> , 2019, 25, 519-529.	0.5	30
26	Modeling post-depositional mixing of archaeological deposits. <i>Journal of Anthropological Archaeology</i> , 2007, 26, 517-540.	1.6	29
27	Shallow site archaeology: Artifact dispersal, stratigraphy, and radiocarbon dating at the Barger Gulch locality B Folsom Site, Middle Park, Colorado. <i>Geoarchaeology - an International Journal</i> , 2005, 20, 627-649.	1.5	28
28	THE END OF ARCHAEOLOGICAL DISCOVERY. <i>American Antiquity</i> , 2017, 82, 288-300.	1.1	21
29	Confirming a Cultural Association at the La Prele Mammoth Site (48CO1401), Converse County, Wyoming. <i>American Antiquity</i> , 2020, 85, 554-572.	1.1	19
30	Socioecology shapes child and adolescent time allocation in twelve hunter-gatherer and mixed-subsistence forager societies. <i>Scientific Reports</i> , 2022, 12, 8054.	3.3	17
31	Validation of a global model of taphonomic bias using geologic radiocarbon ages. <i>Quaternary Research</i> , 2019, 91, 325-328.	1.7	15
32	Paleoindian environmental change and landscape response in Barger Gulch, Middle Park, Colorado. <i>Geoarchaeology - an International Journal</i> , 2005, 20, 599-625.	1.5	14
33	Bayesian Revision of the Folsom Age Range Using IntCal20. <i>PaleoAmerica</i> , 2021, 7, 133-144.	1.5	14
34	Dukha Mobility in a Constructed Environment: Past Camp Use Predicts Future Use in the Mongolian Taiga. <i>American Antiquity</i> , 2019, 84, 215-233.	1.1	12
35	Viable paleosol microorganisms, paleoclimatic reconstruction, and relative dating in archaeology: a test case from Hell Gap, Wyoming, USA. <i>Journal of Archaeological Science</i> , 2014, 46, 217-228.	2.4	11
36	Late date of human arrival to North America: Continental scale differences in stratigraphic integrity of pre-13,000 BP archaeological sites. <i>PLoS ONE</i> , 2022, 17, e0264092.	2.5	11

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37	Bayesian Modeling of the Clovis and Folsom Radiocarbon Records Indicates a 200-Year Multigenerational Transition. <i>American Antiquity</i> , 2022, 87, 567-580.	1.1	10
38	Range sizes and shifts of North American Pleistocene mammals are not consistent with a climatic explanation for extinction. <i>World Archaeology</i> , 2012, 44, 43-55.	1.1	9
39	The U.P. Mammoth Site, Carbon County, Wyoming, USA: More Questions than Answers. <i>Geoarchaeology - an International Journal</i> , 2013, 28, 99-111.	1.5	9
40	Mobility at the scale of meters. <i>Evolutionary Anthropology</i> , 2016, 25, 142-152.	3.4	9
41	Spatio-temporal variation in the preservation of ancient faunal remains. <i>Biology Letters</i> , 2016, 12, 20150823.	2.3	7
42	Spatial Expression of Kinship among the Dukha Reindeer Herders of Northern Mongolia. <i>Arctic Anthropology</i> , 2017, 54, 110-119.	0.7	6
43	Modeling Paleolithic Predator-Prey Dynamics and the Effects of Hunting Pressure on Prey "Choice". , 2008, , 143-178.		5
44	Bison Jump Location is Primarily Predicted by Minimizing Visibility at the Wold Site, Johnson County, Wyoming. <i>American Antiquity</i> , 2016, 81, 752-763.	1.1	4
45	Identifying Stone Alignments Created by Adults and Children: A Case Study from a Dukha Reindeer Herder Summer Camp, Khövsgöl Aimag, Mongolia. <i>Sibirica</i> , 2015, 14, .	0.1	3
46	Occupancy and the Use of Household Space Among the Dukha. <i>Ethnoarchaeology</i> , 2018, 10, 1-15.	1.4	3
47	Across Atlantic Ice: the Origin of America's Clovis Culture, by Dennis J. Stanford and Bruce A. Bradley Berkeley (CA): University of California Press, 2012. ISBN 978-0-520-22783-5 hardback £25.95 & US\$36.95; xv + 319 pp., 80 figs., 6 tables. <i>Cambridge Archaeological Journal</i> , 2014, 24, 307-308.	0.9	2
48	EXTINCTIONS OF BIG GAME. , 2008, , 1365-1374.		2
49	The Wold Bison Jump (48JO966) and its relation to the ancestral Crow on the Northwest Plains. <i>Plains Anthropologist</i> , 2019, 64, 68-92.	0.3	1
50	Lesson Planner for Demonstrations in Organic Chemistry Videodisc. <i>Journal of Chemical Education</i> , 1996, 73, 524.	2.3	0
51	Paleoindian geoarchaeology of the Barger Gulch area, Middle Park, Colorado. , 2008, , 79-99.		0
52	Validation of a global model of taphonomic bias using geologic radiocarbon ages" ERRATUM. <i>Quaternary Research</i> , 2019, 91, 451-451.	1.7	0
53	COUGAR CREEK: QUANTITATIVE ASSESSMENT OF OBSIDIAN USE IN THE GREATER YELLOWSTONE ECOSYSTEM. <i>American Antiquity</i> , 2019, 84, 158-178.	1.1	0