

# Bruce D Smith

## List of Publications by Year in descending order

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45  
papers

6,738  
citations

186209

28  
h-index

330025

37  
g-index

45  
all docs

45  
docs citations

45  
times ranked

6498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ancient <scp>DNA</scp> reveals the timing and persistence of organellar genetic bottlenecks over 3,000 years of sunflower domestication and improvement. <i>Evolutionary Applications</i> , 2019, 12, 38-53.	1.5	27
2	5. Identifying Manioc ( <i>Manihot Esculenta</i> Crantz) And Other Crops In Pre-Columbian Tropical America Through Starch Grain Analysis: A Case Study From Central Panama. , 2019, , 46-67.		6
3	Cultigen Chenopods in the Americas: A Hemispherical Perspective. , 2017, , 55-75.		15
4	Genome Sequence of a 5,310-Year-Old Maize Cob Provides Insights into the Early Stages of Maize Domestication. <i>Current Biology</i> , 2016, 26, 3195-3201.	1.8	130
5	Neo-Darwinism, niche construction theory, and the initial domestication of plants and animals. <i>Evolutionary Ecology</i> , 2016, 30, 307-324.	0.5	62
6	The origin and evolution of maize in the Southwestern United States. <i>Nature Plants</i> , 2015, 1, 14003.	4.7	138
7	Gourds and squashes ( <i>Cucurbita</i> spp.) adapted to megafaunal extinction and ecological anachronism through domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15107-15112.	3.3	95
8	A Comparison of Niche Construction Theory and Diet Breadth Models as Explanatory Frameworks for the Initial Domestication of Plants and Animals. <i>Journal of Archaeological Research</i> , 2015, 23, 215-262.	1.4	83
9	Transoceanic drift and the domestication of African bottle gourds in the Americas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2937-2941.	3.3	108
10	Failure of optimal foraging theory to appeal to researchers working on the origins of agriculture worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2829.	3.3	12
11	The domestication of <i>Helianthus annuus</i> L. (sunflower). <i>Vegetation History and Archaeobotany</i> , 2014, 23, 57-74.	1.0	28
12	The onset of the Anthropocene. <i>Anthropocene</i> , 2013, 4, 8-13.	1.6	442
13	Modifying landscapes and mass kills: Human niche construction and communal ungulate harvests. <i>Quaternary International</i> , 2013, 297, 8-12.	0.7	22
14	The Cultural Context of Plant Domestication in Eastern North America. <i>Current Anthropology</i> , 2011, 52, S471-S484.	0.8	82
15	General patterns of niche construction and the management of "wild" plant and animal resources by small-scale pre-industrial societies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 836-848.	1.8	269
16	A Cultural Niche Construction Theory of Initial Domestication. <i>Biological Theory</i> , 2011, 6, 260-271.	0.8	171
17	Core conceptual flaws in human behavioral ecology. <i>Communicative and Integrative Biology</i> , 2009, 2, 533-534.	0.6	33
18	Initial formation of an indigenous crop complex in eastern North America at 3800 B.P. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6561-6566.	3.3	149

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19	Resource Resilience, Human Niche Construction, and the Long-Term Sustainability of Pre-Columbian Subsistence Economies in the Mississippi River Valley Corridor. <i>Journal of Ethnobiology</i> , 2009, 29, 167-183.	0.8	58
20	Winnowing the archaeological evidence for domesticated sunflower in pre-Columbian Mesoamerica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, E45-E45.	3.3	6
21	The Ultimate Ecosystem Engineers. <i>Science</i> , 2007, 315, 1797-1798.	6.0	117
22	Niche construction and the behavioral context of plant and animal domestication. <i>Evolutionary Anthropology</i> , 2007, 16, 188-199.	1.7	197
23	The Molecular Genetics of Crop Domestication. <i>Cell</i> , 2006, 127, 1309-1321.	13.5	1,701
24	Documenting domestication: the intersection of genetics and archaeology. <i>Trends in Genetics</i> , 2006, 22, 139-155.	2.9	366
25	Eastern North America as an independent center of plant domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12223-12228.	3.3	218
26	Ancient DNA and the Integration of Archaeological and Genetic Approaches to the Study of Maize Domestication. , 2006, , 83-95.		8
27	The origins of agriculture in the Americas. <i>Evolutionary Anthropology</i> , 2005, 3, 174-184.	1.7	28
28	Reassessing Coxcatlan Cave and the early history of domesticated plants in Mesoamerica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9438-9445.	3.3	100
29	An Asian origin for a 10,000-year-old domesticated plant in the Americas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18315-18320.	3.3	234
30	Early Allelic Selection in Maize as Revealed by Ancient DNA. <i>Science</i> , 2003, 302, 1206-1208.	6.0	287
31	Low-Level Food Production. <i>Journal of Archaeological Research</i> , 2001, 9, 1-43.	1.4	495
32	The Transition to Food Production. , 2001, , 199-229.		25
33	GuilÃ¡ Naquitz Revisited. , 2000, , 15-60.		8
34	Reconsidering the Ocampo Caves and the Era of Incipient Cultivation in Mesoamerica. <i>Latin American Antiquity</i> , 1997, 8, 342-383.	0.3	66
35	The Initial Domestication ofCucurbita pepoin the Americas 10,000 Years Ago. <i>Science</i> , 1997, 276, 932-934.	6.0	315
36	Advances in Cone-Beam Reconstruction for the Analysis of Materials. <i>Materials Research Society Symposia Proceedings</i> , 1990, 217, 151.	0.1	0

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37	Cone-beam tomography: recent advances and a tutorial review. <i>Optical Engineering</i> , 1990, 29, 524.	0.5	143
38	A Mammoth Fraud in Science. <i>American Antiquity</i> , 1988, 53, 578-582.	0.6	37
39	Domesticated <i>Chenopodium</i> in Prehistoric Eastern North America: New Accelerator Dates from Eastern Kentucky. <i>American Antiquity</i> , 1987, 52, 355-357.	0.6	38
40	Image Reconstruction from Cone-Beam Projections: Necessary and Sufficient Conditions and Reconstruction Methods. <i>IEEE Transactions on Medical Imaging</i> , 1985, 4, 14-25.	5.4	350
41	Derivation of the Extended Fan-Beam Formula. <i>IEEE Transactions on Medical Imaging</i> , 1985, 4, 177-184.	5.4	15
42	Predator-prey relationships in the southeastern Ozarks? A.D. 1300. <i>Human Ecology</i> , 1974, 2, 31-43.	0.7	15
43	Middle Mississippi Exploitation of Animal Populations: A Predictive Model. <i>American Antiquity</i> , 1974, 39, 274-291.	0.6	18
44	The Origins of Food Production in Mesoamerica. , 0, , 151-164.		12
45	Tracing the initial diffusion of maize in North America. , 0, , 332-348.		9