

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	The Molecular Genetics of Crop Domestication. <i>Cell</i> , 2006, 127, 1309-1321.	13.5	1,701
2	Low-Level Food Production. <i>Journal of Archaeological Research</i> , 2001, 9, 1-43.	1.4	495
3	The onset of the Anthropocene. <i>Anthropocene</i> , 2013, 4, 8-13.	1.6	442
4	Documenting domestication: the intersection of genetics and archaeology. <i>Trends in Genetics</i> , 2006, 22, 139-155.	2.9	366
5	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
6	The Initial Domestication of Cucurbita pepoin the Americas 10,000 Years Ago. <i>Science</i> , 1997, 276, 932-934.	6.0	315
7	Early Allelic Selection in Maize as Revealed by Ancient DNA. <i>Science</i> , 2003, 302, 1206-1208.	6.0	287
8	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
9	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
10	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
11	Niche construction and the behavioral context of plant and animal domestication. <i>Evolutionary Anthropology</i> , 2007, 16, 188-199.	1.7	197
12	A Cultural Niche Construction Theory of Initial Domestication. <i>Biological Theory</i> , 2011, 6, 260-271.	0.8	171
13	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
14	Cone-beam tomography: recent advances and a tutorial review. <i>Optical Engineering</i> , 1990, 29, 524.	0.5	143
15	The origin and evolution of maize in the Southwestern United States. <i>Nature Plants</i> , 2015, 1, 14003.	4.7	138
16	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
17	The Ultimate Ecosystem Engineers. <i>Science</i> , 2007, 315, 1797-1798.	6.0	117
18	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

#	ARTICLE	IF	CITATIONS
19	Reassessing Coxcatlan Cave and the early history of domesticated plants in Mesoamerica. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9438-9445.	3.3	100
20	Gourds and squashes (<i>Cucurbita</i> spp.) adapted to megafaunal extinction and ecological anachronism through domestication. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15107-15112.	3.3	95
21	A Comparison of Niche Construction Theory and Diet Breadth Models as Explanatory Frameworks for the Initial Domestication of Plants and Animals. Journal of Archaeological Research, 2015, 23, 215-262.	1.4	83
22	The Cultural Context of Plant Domestication in Eastern North America. Current Anthropology, 2011, 52, S471-S484.	0.8	82
23	Reconsidering the Ocampo Caves and the Era of Incipient Cultivation in Mesoamerica. Latin American Antiquity, 1997, 8, 342-383.	0.3	66
24	Neo-Darwinism, niche construction theory, and the initial domestication of plants and animals. Evolutionary Ecology, 2016, 30, 307-324.	0.5	62
25	Resource Resilience, Human Niche Construction, and the Long-Term Sustainability of Pre-Columbian Subsistence Economies in the Mississippi River Valley Corridor. Journal of Ethnobiology, 2009, 29, 167-183.	0.8	58
26	Domesticated Chenopodium in Prehistoric Eastern North America: New Accelerator Dates from Eastern Kentucky. American Antiquity, 1987, 52, 355-357.	0.6	38
27	A Mammoth Fraud in Science. American Antiquity, 1988, 53, 578-582.	0.6	37
28	Core conceptual flaws in human behavioral ecology. Communicative and Integrative Biology, 2009, 2, 533-534.	0.6	33
29	The origins of agriculture in the Americas. Evolutionary Anthropology, 2005, 3, 174-184.	1.7	28
30	The domestication of <i>Helianthus annuus</i> L. (sunflower). Vegetation History and Archaeobotany, 2014, 23, 57-74.	1.0	28
31	Ancient <i>scp</i> DNA reveals the timing and persistence of organellar genetic bottlenecks over 3,000 years of sunflower domestication and improvement. Evolutionary Applications, 2019, 12, 38-53.	1.5	27
32	The Transition to Food Production. , 2001, , 199-229.		25
33	Modifying landscapes and mass kills: Human niche construction and communal ungulate harvests. Quaternary International, 2013, 297, 8-12.	0.7	22
34	Middle Mississippi Exploitation of Animal Populations: A Predictive Model. American Antiquity, 1974, 39, 274-291.	0.6	18
35	Predator-prey relationships in the southeastern Ozarks?A.D. 1300. Human Ecology, 1974, 2, 31-43.	0.7	15
36	Derivation of the Extended Fan-Beam Formula. IEEE Transactions on Medical Imaging, 1985, 4, 177-184.	5.4	15

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37	Cultigen Chenopods in the Americas: A Hemispherical Perspective. , 2017, , 55-75.		15
38	The Origins of Food Production in Mesoamerica. , 0, , 151-164.		12
39	Failure of optimal foraging theory to appeal to researchers working on the origins of agriculture worldwide. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2829.	3.3	12
40	Tracing the initial diffusion of maize in North America. , 0, , 332-348.		9
41	GuilÃ¡ Naquitz Revisited. , 2000, , 15-60.		8
42	Ancient DNA and the Integration of Archaeological and Genetic Approaches to the Study of Maize Domestication. , 2006, , 83-95.		8
43	Winnowing the archaeological evidence for domesticated sunflower in pre-Columbian Mesoamerica. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, E45-E45.	3.3	6
44	5. Identifying Manioc (Manihot Esculenta Crantz) And Other Crops In Pre-Columbian Tropical America Through Starch Grain Analysis: A Case Study From Central Panama. , 2019, , 46-67.		6
45	Advances in Cone-Beam Reconstruction for the Analysis of Materials. Materials Research Society Symposia Proceedings, 1990, 217, 151.	0.1	0