

Brian F Coddling

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,502
citations

201385

27
h-index

214527

47
g-index

72
all docs

72
docs citations

72
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	The "fire stick farming" hypothesis: Australian Aboriginal foraging strategies, biodiversity, and anthropogenic fire mosaics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14796-14801.	3.3	345
2	Behavioral ecology and the future of archaeological science. <i>Journal of Archaeological Science</i> , 2015, 56, 9-20.	1.2	154
3	In Pursuit of Mobile Prey: Martu Hunting Strategies and Archaeofaunal Interpretation. <i>American Antiquity</i> , 2009, 74, 3-29.	0.6	139
4	Aboriginal hunting buffers climate-driven fire-size variability in Australia's spinifex grasslands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10287-10292.	3.3	118
5	Variability in the organization and size of hunter-gatherer groups: Foragers do not live in small-scale societies. <i>Journal of Human Evolution</i> , 2019, 131, 96-108.	1.3	85
6	Niche construction and Dreaming logic: aboriginal patch mosaic burning and varanid lizards (<i>Varanus</i>) in the Northern Territory. <i>Journal of Human Evolution</i> , 2013, 65, 229-237.	1.2	82
7	Provisioning offspring and others: risk-energy trade-offs and gender differences in hunter-gatherer foraging strategies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2502-2509.	1.2	80
8	A Landscape Architecture of Fire. <i>Current Anthropology</i> , 2016, 57, S65-S79.	0.8	80
9	Environmental productivity predicts migration, demographic, and linguistic patterns in prehistoric California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14569-14573.	3.3	74
10	Living outside the box: An updated perspective on diet breadth and sexual division of labor in the Prearchaic Great Basin. <i>Quaternary International</i> , 2014, 352, 200-211.	0.7	73
11	Resource scarcity drives lethal aggression among prehistoric hunter-gatherers in central California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12120-12125.	3.3	58
12	Conservation or Co-evolution? Intermediate Levels of Aboriginal Burning and Hunting Have Positive Effects on Kangaroo Populations in Western Australia. <i>Human Ecology</i> , 2014, 42, 659-669.	0.7	54
13	Megafauna in a continent of small game: Archaeological implications of Martu Camel hunting in Australia's Western Desert. <i>Quaternary International</i> , 2013, 297, 155-166.	0.7	53
14	Violence among foragers: The bioarchaeological record from central California. <i>Journal of Anthropological Archaeology</i> , 2014, 33, 66-83.	0.7	53
15	Explaining prehistoric variation in the abundance of large prey: A zooarchaeological analysis of deer and rabbit hunting along the Pecho Coast of Central California. <i>Journal of Anthropological Archaeology</i> , 2010, 29, 47-61.	0.7	50
16	Interpreting abundance indices: some zooarchaeological implications of Martu foraging. <i>Journal of Archaeological Science</i> , 2010, 37, 3200-3210.	1.2	50
17	Population growth as a driver of initial domestication in Eastern North America. <i>Royal Society Open Science</i> , 2016, 3, 160319.	1.1	47
18	A multi-sensor, multi-scale approach to mapping tree mortality in woodland ecosystems. <i>Remote Sensing of Environment</i> , 2020, 245, 111853.	4.6	45

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19	The life history of human foraging: Cross-cultural and individual variation. <i>Science Advances</i> , 2020, 6, eaax9070.	4.7	44
20	The Diablo Canyon Fauna: A Coarse-Grained Record of Trans-Holocene Foraging from the Central California Mainland Coast. <i>American Antiquity</i> , 2008, 73, 289-316.	0.6	43
21	Man the Showoff? Or the Ascendance of a Just-so-Story: A Comment on Recent Applications of Costly Signaling Theory in American Archaeology. <i>American Antiquity</i> , 2007, 72, 349-357.	0.6	41
22	Spatiotemporal dynamics of prehistoric human population growth: Radiocarbon $\delta^{13}C$ dates as data and population ecology models. <i>Journal of Archaeological Science</i> , 2019, 101, 63-71.	1.2	38
23	Seasonal stability in Late Holocene shellfish harvesting on the central California coast. <i>Journal of Archaeological Science</i> , 2008, 35, 2286-2294.	1.2	35
24	People, El Niño southern oscillation and fire in Australia: fire regimes and climate controls in hummock grasslands. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150343.	1.8	35
25	The archaeology of fish and fishing on the central coast of California: The case for an under-exploited resource. <i>Journal of Anthropological Archaeology</i> , 2016, 41, 88-108.	0.7	32
26	Why men trophy hunt. <i>Biology Letters</i> , 2017, 13, 20160909.	1.0	32
27	Advancing predictive modeling in archaeology: An evaluation of regression and machine learning methods on the Grand Staircase-Escalante National Monument. <i>PLoS ONE</i> , 2020, 15, e0239424.	1.1	31
28	What Explains Differences in Men's and Women's Production?. <i>Human Nature</i> , 2009, 20, 105-129.	0.8	30
29	When does it pay to invest in a patch? The evolution of intentional niche construction. <i>Evolutionary Anthropology</i> , 2017, 26, 218-227.	1.7	28
30	Pyrodiversity and the anthropocene: the role of fire in the broad spectrum revolution. <i>Evolutionary Anthropology</i> , 2016, 25, 105-116.	1.7	27
31	THE IDEAL DISTRIBUTION OF FARMERS: EXPLAINING THE EURO-AMERICAN SETTLEMENT OF UTAH. <i>American Antiquity</i> , 2018, 83, 75-90.	0.6	26
32	Territorial behavior among Western North American foragers: Allee effects, within group cooperation, and between group conflict. <i>Quaternary International</i> , 2019, 518, 31-40.	0.7	26
33	Shellfishing and the Colonization of Sahul: A Multivariate Model Evaluating the Dynamic Effects of Prey Utility, Transport Considerations and Life-History on Foraging Patterns and Midden Composition. <i>Journal of Island and Coastal Archaeology</i> , 2014, 9, 238-252.	0.6	25
34	Diesel and damper: Changes in seed use and mobility patterns following contact amongst the Martu of Western Australia. <i>Journal of Anthropological Archaeology</i> , 2015, 39, 51-62.	0.7	25
35	Ecological variation and institutionalized inequality in hunter-gatherer societies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	23
36	Optimal foraging theory and niche-construction theory do not stand in opposition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3093.	3.3	20

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37	Mosaics of fire and water: the co-emergence of anthropogenic landscapes and intensive seed exploitation in the Australian arid zone. <i>Australian Archaeology</i> , 2017, 83, 2-19.	0.3	18
38	Human Fire Legacies on Ecological Landscapes. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	18
39	Global Patterns in the Exploitation of Shellfish. <i>Journal of Island and Coastal Archaeology</i> , 2014, 9, 145-149.	0.6	17
40	The Ideal Distribution Model and Archaeological Settlement Patterning. <i>Environmental Archaeology</i> , 2022, 27, 349-356.	0.6	17
41	Legacies of Indigenous land use shaped past wildfire regimes in the Basin-Plateau Region, USA. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	17
42	A New Radiocarbon Database for the Lower 48 States. <i>American Antiquity</i> , 2022, 87, 581-590.	0.6	16
43	Climate change-induced population pressure drives high rates of lethal violence in the Prehispanic central Andes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117556119.	3.3	16
44	Martu ethnoarchaeology: Foraging ecology and the marginal value of site structure. <i>Journal of Anthropological Archaeology</i> , 2016, 44, 166-176.	0.7	15
45	Causes and consequences of the late Holocene extinction of the marine flightless duck (<i>Chendytes</i>) Tj ETQq1 1 0.784314 rgBT /Overl 1.4 12	1.4	12
46	Plant species richness at archaeological sites suggests ecological legacy of Indigenous subsistence on the Colorado Plateau. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	12
47	Climate and demography drive 7000 years of dietary change in the Central Andes. <i>Scientific Reports</i> , 2022, 12, 2026.	1.6	11
48	Inferring the Function of Projectile Points from the Central Coast of Alta California. <i>California Archaeology</i> , 2009, 1, 7-27.	0.1	10
49	Risky Pursuits: Martu Hunting and the Effects of Prey Mobility: Reply to Ugan and Simms. <i>American Antiquity</i> , 2012, 77, 186-194.	0.6	10
50	Forward: A Global Perspective on Traditional Burning in California. <i>California Archaeology</i> , 2013, 5, 199-208.	0.1	10
51	The Marginal Utility of Inequality. <i>Human Nature</i> , 2020, 31, 361-386.	0.8	9
52	Historical Contingencies, Issues of Scale, and Flightless Hypotheses: A Response to Hildebrandt et al.. <i>American Antiquity</i> , 2010, 75, 689-699.	0.6	8
53	REVISITING HOGUP CAVE, UTAH: INSIGHTS FROM NEW RADIOCARBON DATES AND STRATIGRAPHIC ANALYSIS. <i>American Antiquity</i> , 2017, 82, 301-324.	0.6	8
54	When to defend? Optimal territoriality across the Numic homeland. <i>Quaternary International</i> , 2019, 518, 3-10.	0.7	8

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55	Decomposing Habitat Suitability Across the Forager to Farmer Transition. <i>Environmental Archaeology</i> , 2020, , 1-14.	0.6	8
56	Subsistence strategy mediates ecological drivers of human violence. <i>PLoS ONE</i> , 2022, 17, e0268257.	1.1	8
57	Levels of Explanation in Behavioral Ecology. <i>California Archaeology</i> , 2010, 2, 77-92.	0.1	6
58	Hunter-Gatherer Foraging: Five Simple Models. <i>California Archaeology</i> , 2010, 2, 287-289.	0.1	6
59	Socioecological Dynamics Structuring the Spread of Farming in the North American Basin-Plateau Region. <i>Environmental Archaeology</i> , 2022, 27, 434-446.	0.6	6
60	Promise and peril of ecological and evolutionary modelling using cross-cultural datasets. <i>Nature Ecology and Evolution</i> , 2022, 6, 6-8.	3.4	6
61	The ecology of population dispersal: Modeling alternative basin&plateau foraging strategies to explain the Numic expansion. <i>American Journal of Human Biology</i> , 2017, 29, e23000.	0.8	4
62	Historic and bioarchaeological evidence supports late onset of post-Columbian epidemics in Native California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	4
63	Food Production and Domestication Produced Both Cooperative and Competitive Social Dynamics in Eastern North America. <i>Environmental Archaeology</i> , 2020, , 1-14.	0.6	2
64	The Native California Commons: Ethnographic and Archaeological Perspectives on Land Control, Resource Use, and Management. <i>Studies in Human Ecology and Adaptation</i> , 2019, , 255-280.	0.6	2
65	Monkeys overharvest shellfish. <i>ELife</i> , 2017, 6, .	2.8	2
66	Postcontact Cultural Perseverance on the Central California Coast: Sedentism and Maritime Intensification. <i>American Antiquity</i> , 2022, 87, 505-522.	0.6	2
67	Women, men, risk and energy: a reply to Koster's paradox of Ach& foraging. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3173-3174.	1.2	0
68	<i>Oshara Revisited: The Archaic Period in Northern New Mexico</i>. Nicholas Chapin. Albuquerque: University of New Mexico Press, 2017, 264 pp. \$17.75, paper. ISBN 978-0-912535-16-6.. <i>Journal of Anthropological Research</i> , 2020, 76, 138-140.	0.1	0
69	A stone in the hand is worth how many in the bush? Applying the marginal value theorem to understand optimal toolstone transportation, processing, and discard decisions. <i>Journal of Archaeological Science</i> , 2022, 137, 105518.	1.2	0
70	Socioecological factors influence hunter-gatherers. <i>Edition Kulturwissenschaft</i> , 2022, , 131-154.	0.1	0