R Alexander Bentley

List of Publications by Year
in descending order

109 papers	4,928 citations	136885 32 h-index	98753 67 g-index
117 all docs	117 docs citations	117 times ranked	3129 citing authors

#	ARTICLE	IF	CITATIONS
1	Strontium Isotopes from the Earth to the Archaeological Skeleton: A Review. Journal of Archaeological Method and Theory, 2006, 13, 135-187.	1.4	937
2	Random drift and culture change. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1443-1450.	1.2	339
3	Determining the â€˜localâ€™ 87Sr/86Sr range for archaeological skeletons: a case study from Neolithic Europe. Journal of Archaeological Science, 2004, 31, 365-375.	1.2	226
4	Prehistoric human migration in the <i>Linearbandkeramik</i> of Central Europe. Antiquity, 2001, 75, 593-603.	0.5	187
5	Cultural Transmission and Stochastic Network Growth. American Antiquity, 2003, 68, 459-485.	0.6	181
6	GEOGRAPHICAL PATTERNS IN BIOLOGICALLY AVAILABLE STRONTIUM, CARBON AND OXYGEN ISOTOPE SIGNATURES IN PREHISTORIC SW GERMANY*. Archaeometry, 2005, 47, 629-644.	0.6	170
7	Regular rates of popular culture change reflect random copying. Evolution and Human Behavior, 2007, 28, 151-158.	1.4	166
8	Community differentiation and kinship among Europeâ€™s first farmers. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9326-9330.	3.3	153
9	Drift as a mechanism for cultural change: an example from baby names. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, S120-3.	1.2	146
10	HUMAN MOBILITY AT THE EARLY NEOLITHIC SETTLEMENT OF VAIHINGEN, GERMANY: EVIDENCE FROM STRONTIUM ISOTOPE ANALYSIS*. Archaeometry, 2003, 45, 471-486.	0.6	145
11	Network scaling reveals consistent fractal pattern in hierarchical mammalian societies. Biology Letters, 2008, 4, 748-751.	1.0	117
12	Mapping collective behavior in the big-data era. Behavioral and Brain Sciences, 2014, 37, 63-76.	0.4	102
13	The Expression of Emotions in 20th Century Books. PLoS ONE, 2013, 8, e59030.	1.1	89
14	Mobility and kinship in the prehistoric Sahara: Strontium isotope analysis of Holocene human skeletons from the Acacus Mts. (southwestern Libya). Journal of Anthropological Archaeology, 2006, 25, 390-402.	0.7	88
15	Random drift and large shifts in popularity of dog breeds. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S353-6.	1.2	83
16	Matrilocality during the prehistoric transition to agriculture in Thailand?. Antiquity, 2005, 79, 865-881.	0.5	75
17	Lapita Migrants in the Pacific's Oldest Cemetery: Isotopic Analysis at Teouma, Vanuatu. American Antiquity, 2007, 72, 645-656.	0.6	72
18	Isotopic signatures and hereditary traits: snapshot of a Neolithic community in Germany. Antiquity, 2008, 82, 290-304.	0.5	71

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19	Shifting Gender Relations at Khok Phanom Di, Thailand. Current Anthropology, 2007, 48, 301-314.	0.8	69
20	Biases in cultural transmission shape the turnover of popular traits. Evolution and Human Behavior, 2014, 35, 228-236.	1.4	66
21	Mobility and the diversity of Early Neolithic lives: Isotopic evidence from skeletons. Journal of Anthropological Archaeology, 2013, 32, 303-312.	0.7	63
22	The Neolithic transition in Europe: comparing broad scale genetic and local scale isotopic evidence. Antiquity, 2003, 77, 63-66.	0.5	62
23	Stimulated Variation and Cascades: Two Processes in the Evolution of Complex Technological Systems. Journal of Archaeological Method and Theory, 2011, 18, 309-335.	1.4	61
24	Evolving social influence in large populations. Behavioral Ecology and Sociobiology, 2011, 65, 537-546.	0.6	61
25	Independent Cultural Evolution of Two Song Traditions in the Chestnutâ€Sided Warbler. American Naturalist, 2010, 176, 476-489.	1.0	52
26	The selectivity of social learning and the tempo of cultural evolution. Journal of Evolutionary Psychology, 2011, 9, 125-141.	1.4	47
27	Isotopic evidence for mobility and group organization among Neolithic farmers at Talheim, Germany, 5000 BC. European Journal of Archaeology, 2006, 9, 259-284.	0.3	44
28	A rapid method for assessing social versus independent interest in health issues: A case study of â€˜bird fluâ€™ and â€˜swine fluâ€™. Social Science and Medicine, 2010, 71, 482-485.	1.8	42
29	Moving peoples, changing diets: isotopic differences highlight migration and subsistence changes in the Upper Mun River Valley, Thailand. Journal of Archaeological Science, 2013, 40, 1681-1688.	1.2	41
30	Books Average Previous Decade of Economic Misery. PLoS ONE, 2014, 9, e83147.	1.1	38
31	Random Drift versus Selection in Academic Vocabulary: An Evolutionary Analysis of Published Keywords. PLoS ONE, 2008, 3, e3057.	1.1	36
32	Fitness landscapes among many options under social influence. Journal of Theoretical Biology, 2016, 405, 5-16.	0.8	36
33	Specialisation and wealth inequality in a model of a clustered economic network. Journal of Archaeological Science, 2005, 32, 1346-1356.	1.2	34
34	Shared worlds and shared minds: A theory of collective learning and a psychology of common knowledge.. Psychological Review, 2020, 127, 918-931.	2.7	34
35	U.S. obesity as delayed effect of excess sugar. Economics and Human Biology, 2020, 36, 100818.	0.7	33
36	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

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37	Religious change preceded economic change in the 20th century. Science Advances, 2018, 4, eaar8680.	4.7	30
38	Kinship, Marriage, and the Genetics of Past Human Dispersals. Human Biology, 2009, 81, 159-179.	0.4	29
39	Community Diversity at Ban Lum Khao, Thailand: Isotopic Evidence from the Skeletons. Asian Perspectives, 2009, 48, 79-97.	0.1	28
40	Word Diffusion and Climate Science. PLoS ONE, 2012, 7, e47966.	1.1	27
41	Random Copying and Cultural Evolution. Science, 2005, 309, 877-879.	6.0	26
42	Intrinsic or extrinsic population growth in Iron Age northeast Thailand? The evidence from isotopic analysis. Journal of Archaeological Science, 2011, 38, 665-671.	1.2	24
43	Recent origin and evolution of obesity-income correlation across the United States. Palgrave Communications, 2018, 4, .	4.7	22
44	Roots of diversity in aLinearbandkeramikcommunity: isotope evidence at Aiterhofen (Bavaria, Germany). Antiquity, 2011, 85, 1243-1258.	0.5	21
45	Effects of memory on spatial heterogeneity in neutrally transmitted culture. Evolution and Human Behavior, 2014, 35, 257-263.	1.4	21
46	Stylistic Change as a Self-Organized Critical Phenomenon: An Archaeological Study in Complexity. Journal of Archaeological Method and Theory, 2001, 8, 35-66.	1.4	20
47	Cultural Evolutionary Tipping Points in the Storage and Transmission of Information. Frontiers in Psychology, 2012, 3, 569.	1.1	19
48	The cultural foundations of modern democracies. Nature Human Behaviour, 2020, 4, 265-269.	6.2	19
49	The role of food storage in human niche construction: An example from Neolithic Europe. Environmental Archaeology, 2015, 20, 364-378.	0.6	18
50	A first absolute chronology for Late Neolithic to Early Bronze Age Myanmar: new AMS^{14}C dates from Nyaung'gan and Oakaie. Antiquity, 2018, 92, 690-708.	0.5	18
51	Economic change after the agricultural revolution in Southeast Asia?. Antiquity, 2014, 88, 112-125.	0.5	15
52	Using isotopic evidence to assess the impact of migration and the twoâ€layer hypothesis in prehistoric Northeast Thailand. American Journal of Physical Anthropology, 2015, 158, 141-150.	2.1	15
53	Transmission of Cultural Variants in the North American Paleolithic. , 2015, , 121-143.		14
54	Modelling rapid online cultural transmission: evaluating neutral models on Twitter data with approximate Bayesian computation. Palgrave Communications, 2019, 5, .	4.7	14

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55	Internet Research Agency Twitter activity predicted 2016 U.S. election polls. First Monday, 0, , .	0.6	14
56	Complexity in history: modelling the organisational demography of the British banking sector. Business History, 2015, 57, 182-202.	0.6	13
57	Validating niche-construction theory through path analysis. Archaeological and Anthropological Sciences, 2016, 8, 819-837.	0.7	13
58	ROLE OF NEUTRAL EVOLUTION IN WORD TURNOVER DURING CENTURIES OF ENGLISH WORD POPULARITY. International Journal of Modeling, Simulation, and Scientific Computing, 2017, 20, 1750012.	0.9	13
59	Cultural prerequisites of socioeconomic development. Royal Society Open Science, 2020, 7, 190725.	1.1	13
60	Academic copying, archaeology and the English language. Antiquity, 2006, 80, 196-201.	0.5	12
61	Collective behaviour, uncertainty and environmental change. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140461.	1.6	12
62	Obesity, Metabolism, and Aging: A Multiscalar Approach. Progress in Molecular Biology and Translational Science, 2018, 155, 25-42.	0.9	12
63	A GROWING NETWORK OF IDEAS. Fractals, 2000, 08, 227-237.	1.8	11
64	Population-level neutral model already explains linguistic patterns. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1770-1772.	1.2	11
65	Biocultural Practices during the Transition to History at the Vat Komnou Cemetery, Angkor Borei, Cambodia. Asian Perspectives, 2017, 56, 191-236.	0.1	11
66	Early warning of vulnerable counties in a pandemic using socio-economic variables. Economics and Human Biology, 2021, 41, 100988.	0.7	11
67	TRADITION AND FASHION IN CONSUMER CHOICE: BAGGING THE SCOTTISH MUNROS. Scottish Journal of Political Economy, 2009, 56, 371-381.	1.1	10
68	Quality versus mere popularity: a conceptual map for understanding human behavior. Mind and Society, 2011, 10, 181-191.	0.9	10
69	Estimating a Path through a Map of Decision Making. PLoS ONE, 2014, 9, e111022.	1.1	10
70	Social versus independent interest in 'bird flu' and 'swine flu'. PLOS Currents, 2009, 1, RRN1036.	1.4	10
71	Fashion versus reason â€" then and now. Antiquity, 2007, 81, 1071-1073.	0.5	9
72	Physical space and long-tail markets. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 691-696.	1.2	8

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73	On the relevance of the European Neolithic. Antiquity, 2015, 89, 1203-1210.	0.5	8
74	Genes, culture, and the human niche: An overview. Evolutionary Anthropology, 2021, 30, 40-49.	1.7	8
75	Neutral models are a tool, not a syndrome. Nature Human Behaviour, 2021, 5, 807-808.	6.2	7
76	Subtle nonlinearity in popular album charts. International Journal of Modeling, Simulation, and Scientific Computing, 1999, 02, 197-208.	0.9	6
77	ACCELERATED INNOVATION AND INCREASED SPATIAL DIVERSITY OF US POPULAR CULTURE. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 15, 1150011.	0.9	6
78	Evaluating reproductive decisions as discrete choices under social influence. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150154.	1.8	6
79	Modeling Niche Construction in Neolithic Europe. Computational Social Sciences, 2019, , 91-108.	0.4	6
80	Inequality between identity groups and social unrest. Journal of the Royal Society Interface, 2022, 19, 20210725.	1.5	6
81	Prehistory of Kinship. Annual Review of Anthropology, 2022, 51, 137-154.	0.4	6
82	Banks, births, and tipping points in the historical demography of British banking: A response to J.J. Bissell. Business History, 2017, 59, 814-820.	0.6	5
83	Kinship and migration in prehistoric mainland Southeast Asia: An overview of isotopic evidence. Archaeological Research in Asia, 2021, 25, 100260.	0.2	5
84	Observations and conversations: how communities learn about infection risk can impact the success of non-pharmaceutical interventions against epidemics. BMC Public Health, 2022, 22, 13.	1.2	5
85	Disease, CCR5-Î”32 and the European spread of agriculture? A hypothesis. Antiquity, 2012, 86, 207-210.	0.5	4
86	Machine learning for rediscovering revolutionary ideas of the past. Adaptive Behavior, 2022, 30, 279-286.	1.1	4
87	Agency and Identity in the Collective Self. Personality and Social Psychology Review, 2022, 26, 35-56.	3.4	4
88	Traditional models already explain adoption/abandonment pattern. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E109; author reply E110.	3.3	3
89	Tipping points among social learners: Tools from varied disciplines. Environmental Epigenetics, 2012, 58, 298-306.	0.9	3
90	Robustness of emotion extraction from 20<sup>th</sup> century English books. , 2013, , .		3

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91	Social differences in Neolithic/Bronze Age Myanmar: 87Sr/86Sr in skeletal remains from Oakaie 1 and Nyaung'gan. Journal of Archaeological Science: Reports, 2018, 21, 32-37.	0.2	3
92	Cultural values predict national COVID-19 death rates. SN Social Sciences, 2021, 1, 74.	0.4	3
93	Evolution of initiation rites during the Austronesian dispersal. Science Progress, 2021, 104, 003685042110313.	1.0	3
94	How social learning shapes the efficacy of preventative health behaviors in an outbreak. PLoS ONE, 2022, 17, e0262505.	1.1	3
95	Archeological Geochemistry. Encyclopedia of Earth Sciences Series, 2017, , 1-11.	0.1	2
96	A long view of cumulative technological culture. Behavioral and Brain Sciences, 2020, 43, e174.	0.4	2
97	Learning Strategies and Population Dynamics During the Pleistocene Colonization of North America. Vertebrate Paleobiology and Paleoanthropology, 2020, , 261-281.	0.1	2
98	Monitoring event-driven dynamics on Twitter: a case study in Belarus. SN Social Sciences, 2022, 2, 36.	0.4	2
99	FORKING PATHS OF CULTURAL COMPLEXITY: A CASE STUDY OF RESEARCH PARADIGMS. International Journal of Modeling, Simulation, and Scientific Computing, 2022, 25, .	0.9	2
100	Do the attributes of products matter for success in social network markets?. , 2012, , .		1
101	An introduction to papers from workshops on the evolution of cultural complexity. Adaptive Behavior, 2020, 28, 317-322.	1.1	1
102	Modelling Creative Innovation. Cultural Science, 2010, 3, .	1.2	1
103	Archeological Geochemistry. Encyclopedia of Earth Sciences Series, 2018, , 42-53.	0.1	1
104	Social complexity in behavioral models. Behavioral and Brain Sciences, 2007, 30, 19-19.	0.4	0
105	More on maps, terrains, and behaviors. Behavioral and Brain Sciences, 2014, 37, 105-119.	0.4	0
106	Mapping multiple drivers of human obesity. Behavioral and Brain Sciences, 2017, 40, e107.	0.4	0
107	Subtle Nonlinearity in Popular Album Charts. , 2002, , 231-243.		0
108	Creative Industries: fashion versus reason. Cultural Science, 2008, 1, .	1.2	0

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109	Balancing timeliness of reporting with increasing testing probability for epidemic data. Infectious Disease Modelling, 2022, 7, 106-116.	1.2	0