

# R Alexander Bentley

## List of Publications by Citations

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106  
papers

3,855  
citations

30  
h-index

61  
g-index

117  
ext. papers

4,349  
ext. citations

3.3  
avg, IF

5.9  
L-index

#	Paper	IF	Citations
106	Strontium Isotopes from the Earth to the Archaeological Skeleton: A Review. <i>Journal of Archaeological Method and Theory</i> , <b>2006</b> , 13, 135-187	2.8	728
105	Random drift and culture change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 271, 1443-1450	4.0	279
104	Determining the local $^{87}\text{Sr}/^{86}\text{Sr}$ range for archaeological skeletons: a case study from Neolithic Europe. <i>Journal of Archaeological Science</i> , <b>2004</b> , 31, 365-375	2.9	197
103	Cultural Transmission and Stochastic Network Growth. <i>American Antiquity</i> , <b>2003</b> , 68, 459-485	0.9	159
102	Prehistoric human migration in the Linearbandkeramik of Central Europe. <i>Antiquity</i> , <b>2001</b> , 75, 593-603	1	151
101	GEOGRAPHICAL PATTERNS IN BIOLOGICALLY AVAILABLE STRONTIUM, CARBON AND OXYGEN ISOTOPE SIGNATURES IN PREHISTORIC SW GERMANY*. <i>Archaeometry</i> , <b>2005</b> , 47, 629-644	1.6	145
100	Regular rates of popular culture change reflect random copying. <i>Evolution and Human Behavior</i> , <b>2007</b> , 28, 151-158	4	125
99	Community differentiation and kinship among Europe's first farmers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 9326-30	11.5	122
98	HUMAN MOBILITY AT THE EARLY NEOLITHIC SETTLEMENT OF VAIHINGEN, GERMANY: EVIDENCE FROM STRONTIUM ISOTOPE ANALYSIS*. <i>Archaeometry</i> , <b>2003</b> , 45, 471-486	1.6	115
97	Drift as a mechanism for cultural change: an example from baby names. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2003</b> , 270 Suppl 1, S120-3	4.4	111
96	Network scaling reveals consistent fractal pattern in hierarchical mammalian societies. <i>Biology Letters</i> , <b>2008</b> , 4, 748-51	3.6	96
95	Mapping collective behavior in the big-data era. <i>Behavioral and Brain Sciences</i> , <b>2014</b> , 37, 63-76	0.9	84
94	Mobility and kinship in the prehistoric Sahara: Strontium isotope analysis of Holocene human skeletons from the Acacus Mts. (southwestern Libya). <i>Journal of Anthropological Archaeology</i> , <b>2006</b> , 25, 390-402	1.9	72
93	Matrilocalty during the prehistoric transition to agriculture in Thailand?. <i>Antiquity</i> , <b>2005</b> , 79, 865-881	1	66
92	The expression of emotions in 20th century books. <i>PLoS ONE</i> , <b>2013</b> , 8, e59030	3.7	65
91	Random drift and large shifts in popularity of dog breeds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 271 Suppl 5, S353-6	4.4	65
90	Lapita Migrants in the Pacific's Oldest Cemetery: Isotopic Analysis at Teouma, Vanuatu. <i>American Antiquity</i> , <b>2007</b> , 72, 645-656	0.9	62

89	Isotopic signatures and hereditary traits: snapshot of a Neolithic community in Germany. <i>Antiquity</i> , <b>2008</b> , 82, 290-304	1	58
88	Shifting Gender Relations at Khok Phanom Di, Thailand. <i>Current Anthropology</i> , <b>2007</b> , 48, 301-314	2.1	56
87	Stimulated Variation and Cascades: Two Processes in the Evolution of Complex Technological Systems. <i>Journal of Archaeological Method and Theory</i> , <b>2011</b> , 18, 309-335	2.8	53
86	Mobility and the diversity of Early Neolithic lives: Isotopic evidence from skeletons. <i>Journal of Anthropological Archaeology</i> , <b>2013</b> , 32, 303-312	1.9	51
85	Evolving social influence in large populations. <i>Behavioral Ecology and Sociobiology</i> , <b>2011</b> , 65, 537-546	2.5	50
84	Biases in cultural transmission shape the turnover of popular traits. <i>Evolution and Human Behavior</i> , <b>2014</b> , 35, 228-236	4	49
83	The Neolithic transition in Europe: comparing broad scale genetic and local scale isotopic evidence. <i>Antiquity</i> , <b>2003</b> , 77, 63-66	1	49
82	Isotopic evidence for mobility and group organization among Neolithic farmers at Talheim, Germany, 5000 BC. <i>European Journal of Archaeology</i> , <b>2006</b> , 9, 259-284	0.7	43
81	Independent cultural evolution of two song traditions in the chestnut-sided warbler. <i>American Naturalist</i> , <b>2010</b> , 176, 476-89	3.7	40
80	Moving peoples, changing diets: isotopic differences highlight migration and subsistence changes in the Upper Mun River Valley, Thailand. <i>Journal of Archaeological Science</i> , <b>2013</b> , 40, 1681-1688	2.9	37
79	The selectivity of social learning and the tempo of cultural evolution. <i>Journal of Evolutionary Psychology</i> , <b>2011</b> , 9, 125-141		35
78	A rapid method for assessing social versus independent interest in health issues: a case study of 'bird flu' and 'swine flu'. <i>Social Science and Medicine</i> , <b>2010</b> , 71, 482-485	5.1	34
77	Fitness landscapes among many options under social influence. <i>Journal of Theoretical Biology</i> , <b>2016</b> , 405, 5-16	2.3	32
76	Random drift versus selection in academic vocabulary: an evolutionary analysis of published keywords. <i>PLoS ONE</i> , <b>2008</b> , 3, e3057	3.7	29
75	Design Space and Cultural Transmission: Case Studies from Paleoindian Eastern North America. <i>Journal of Archaeological Method and Theory</i> , <b>2016</b> , 23, 692-740	2.8	27
74	Books average previous decade of economic misery. <i>PLoS ONE</i> , <b>2014</b> , 9, e83147	3.7	27
73	Kinship, marriage, and the genetics of past human dispersals. <i>Human Biology</i> , <b>2009</b> , 81, 159-79	1.2	25
72	Community Diversity at Ban Lum Khao, Thailand: Isotopic Evidence from the Skeletons. <i>Asian Perspectives</i> , <b>2009</b> , 48, 79-97	0.4	24

71	Specialisation and wealth inequality in a model of a clustered economic network. <i>Journal of Archaeological Science</i> , <b>2005</b> , 32, 1346-1356	2.9	24
70	Word diffusion and climate science. <i>PLoS ONE</i> , <b>2012</b> , 7, e47966	3.7	24
69	Random copying and cultural evolution. <i>Science</i> , <b>2005</b> , 309, 877-9	33.3	23
68	Religious change preceded economic change in the 20th century. <i>Science Advances</i> , <b>2018</b> , 4, eaar8680	14.3	22
67	Intrinsic or extrinsic population growth in Iron Age northeast Thailand? The evidence from isotopic analysis. <i>Journal of Archaeological Science</i> , <b>2011</b> , 38, 665-671	2.9	20
66	Roots of diversity in a Linearbandkeramik community: isotope evidence at Aiterhofen (Bavaria, Germany). <i>Antiquity</i> , <b>2011</b> , 85, 1243-1258	1	17
65	Shared worlds and shared minds: A theory of collective learning and a psychology of common knowledge. <i>Psychological Review</i> , <b>2020</b> , 127, 918-931	6.3	17
64	Effects of memory on spatial heterogeneity in neutrally transmitted culture. <i>Evolution and Human Behavior</i> , <b>2014</b> , 35, 257-263	4	16
63	U.S. obesity as delayed effect of excess sugar. <i>Economics and Human Biology</i> , <b>2020</b> , 36, 100818	2.6	15
62	The role of food storage in human niche construction: An example from Neolithic Europe. <i>Environmental Archaeology</i> , <b>2015</b> , 20, 364-378	1.2	14
61	Cultural evolutionary tipping points in the storage and transmission of information. <i>Frontiers in Psychology</i> , <b>2012</b> , 3, 569	3.4	14
60	Complexity in history: modelling the organisational demography of the British banking sector. <i>Business History</i> , <b>2015</b> , 57, 182-202	0.4	12
59	Economic change after the agricultural revolution in Southeast Asia?. <i>Antiquity</i> , <b>2014</b> , 88, 112-125	1	12
58	The cultural foundations of modern democracies. <i>Nature Human Behaviour</i> , <b>2020</b> , 4, 265-269	12.8	12
57	A first absolute chronology for Late Neolithic to Early Bronze Age Myanmar: new AMS 14C dates from Nyaung'gan and Oakaie. <i>Antiquity</i> , <b>2018</b> , 92, 690-708	1	12
56	Collective behaviour, uncertainty and environmental change. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2015</b> , 373,	3	11
55	Using isotopic evidence to assess the impact of migration and the two-layer hypothesis in prehistoric Northeast Thailand. <i>American Journal of Physical Anthropology</i> , <b>2015</b> , 158, 141-50	2.5	11
54	Biocultural Practices during the Transition to History at the Vat Komnou Cemetery, Angkor Borei, Cambodia. <i>Asian Perspectives</i> , <b>2017</b> , 56, 191-236	0.4	9

53	Transmission of Cultural Variants in the North American Paleolithic <b>2015</b> , 121-143		9
52	Estimating a path through a map of decision making. <i>PLoS ONE</i> , <b>2014</b> , 9, e111022	3.7	9
51	Quality versus mere popularity: a conceptual map for understanding human behavior. <i>Mind and Society</i> , <b>2011</b> , 10, 181-191	0.9	9
50	Population-level neutral model already explains linguistic patterns. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 278, 1770-2; discussion 1773-6	4.4	9
49	Recent origin and evolution of obesity-income correlation across the United States. <i>Palgrave Communications</i> , <b>2018</b> , 4,	5.3	9
48	Validating niche-construction theory through path analysis. <i>Archaeological and Anthropological Sciences</i> , <b>2016</b> , 8, 819-837	1.8	8
47	ROLE OF NEUTRAL EVOLUTION IN WORD TURNOVER DURING CENTURIES OF ENGLISH WORD POPULARITY. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , <b>2017</b> , 20, 1750012	0.8	8
46	Physical space and long-tail markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2009</b> , 388, 691-696	6.9	8
45	Stylistic Change as a Self-Organized Critical Phenomenon: An Archaeological Study in Complexity. <i>Journal of Archaeological Method and Theory</i> , <b>2001</b> , 8, 35-66	2.8	8
44	A GROWING NETWORK OF IDEAS. <i>Fractals</i> , <b>2000</b> , 08, 227-237	3.2	8
43	The Acceleration of Cultural Change <b>2017</b> ,		8
42	Cultural prerequisites of socioeconomic development. <i>Royal Society Open Science</i> , <b>2020</b> , 7, 190725	3.3	7
41	TRADITION AND FASHION IN CONSUMER CHOICE: BAGGING THE SCOTTISH MUNROS. <i>Scottish Journal of Political Economy</i> , <b>2009</b> , 56, 371-381	0.7	7
40	Academic copying, archaeology and the English language. <i>Antiquity</i> , <b>2006</b> , 80, 196-201	1	7
39	Internet Research Agency Twitter activity predicted 2016 U.S. election polls. <i>First Monday</i> ,		7
38	Modelling rapid online cultural transmission: evaluating neutral models on Twitter data with approximate Bayesian computation. <i>Palgrave Communications</i> , <b>2019</b> , 5,	5.3	7
37	Obesity, Metabolism, and Aging: A Multiscalar Approach. <i>Progress in Molecular Biology and Translational Science</i> , <b>2018</b> , 155, 25-42	4	7
36	Evaluating reproductive decisions as discrete choices under social influence. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371, 20150154	5.8	6

35	On the relevance of the European Neolithic. <i>Antiquity</i> , <b>2015</b> , 89, 1203-1210	1	6
34	Fashion versus reason ¶then and now. <i>Antiquity</i> , <b>2007</b> , 81, 1071-1073	1	6
33	Social versus independent interest in 'bird flu' and 'swine flu'. <i>PLOS Currents</i> , <b>2009</b> , 1, RRN1036		6
32	Banks, births, and tipping points in the historical demography of British banking: A response to J.J. Bissell** Reference to The Leverhume Trust Tipping Points Project.View all notes. <i>Business History</i> , <b>2017</b> , 59, 814-820	0.4	5
31	Subtle nonlinearity in popular album charts. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , <b>1999</b> , 02, 197-208	0.8	5
30	Disease, CCR5-B2 and the European spread of agriculture? A hypothesis. <i>Antiquity</i> , <b>2012</b> , 86, 207-210	1	4
29	ACCELERATED INNOVATION AND INCREASED SPATIAL DIVERSITY OF US POPULAR CULTURE. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , <b>2012</b> , 15, 1150011	0.8	4
28	Early warning of vulnerable counties in a pandemic using socio-economic variables. <i>Economics and Human Biology</i> , <b>2021</b> , 41, 100988	2.6	4
27	Traditional models already explain adoption/abandonment pattern. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, E109; author reply E110	11.5	3
26	Tipping points among social learners: Tools from varied disciplines. <i>Environmental Epigenetics</i> , <b>2012</b> , 58, 298-306	2.4	3
25	Social differences in Neolithic/Bronze Age Myanmar: 87Sr/86Sr in skeletal remains from Oakaie 1 and Nyaung'gan. <i>Journal of Archaeological Science: Reports</i> , <b>2018</b> , 21, 32-37	0.7	2
24	Modeling Niche Construction in Neolithic Europe. <i>Computational Social Sciences</i> , <b>2019</b> , 91-108	0.7	2
23	Learning Strategies and Population Dynamics During the Pleistocene Colonization of North America. <i>Vertebrate Paleobiology and Paleoanthropology</i> , <b>2020</b> , 261-281	0.8	2
22	Neutral models are a tool, not a syndrome. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 807-808	12.8	2
21	Robustness of emotion extraction from 20th century English books <b>2013</b> ,		1
20	Do the attributes of products matter for success in social network markets? <b>2012</b> ,		1
19	Observations and conversations: how communities learn about infection risk can impact the success of non-pharmaceutical interventions against epidemics.. <i>BMC Public Health</i> , <b>2022</b> , 22, 13	4.1	1
18	How social learning shapes the efficacy of preventative health behaviors in an outbreak.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0262505	3.7	1

17	A long view of cumulative technological culture. <i>Behavioral and Brain Sciences</i> , <b>2020</b> , 43, e174	0.9	1
16	The Icarus effect of preventative health behaviors		1
15	Genes, culture, and the human niche: An overview. <i>Evolutionary Anthropology</i> , <b>2021</b> , 30, 40-49	4.7	1
14	Evolution of initiation rites during the Austronesian dispersal. <i>Science Progress</i> , <b>2021</b> , 104, 368504211031364	1.364	1
13	Dual Inheritance, Cultural Transmission, and Niche Construction 179-201		0
12	Kinship and migration in prehistoric mainland Southeast Asia: An overview of isotopic evidence. <i>Archaeological Research in Asia</i> , <b>2021</b> , 25, 100260	1.9	0
11	Cultural values predict national COVID-19 death rates. <i>SN Social Sciences</i> , <b>2021</b> , 1, 74		0
10	Machine learning for rediscovering revolutionary ideas of the past. <i>Adaptive Behavior</i> , 1059712320983041.1	1.1	0
9	Monitoring event-driven dynamics on Twitter: a case study in Belarus.. <i>SN Social Sciences</i> , <b>2022</b> , 2, 36		0
8	Agency and Identity in the Collective Self.. <i>Personality and Social Psychology Review</i> , <b>2021</b> , 10888683211065921	1.1	0
7	Inequality between identity groups and social unrest.. <i>Journal of the Royal Society Interface</i> , <b>2022</b> , 19, 20210725	4.1	0
6	Mapping multiple drivers of human obesity. <i>Behavioral and Brain Sciences</i> , <b>2017</b> , 40, e107	0.9	
5	Authors' response. more on maps, terrains, and behaviors. <i>Behavioral and Brain Sciences</i> , <b>2014</b> , 37, 105-109	0.9	
4	Social complexity in behavioral models. <i>Behavioral and Brain Sciences</i> , <b>2007</b> , 30, 19-19	0.9	
3	Subtle Nonlinearity in Popular Album Charts <b>2002</b> , 231-243		
2	An introduction to papers from workshops on the evolution of cultural complexity. <i>Adaptive Behavior</i> , <b>2020</b> , 28, 317-322	1.1	
1	Balancing timeliness of reporting with increasing testing probability for epidemic data.. <i>Infectious Disease Modelling</i> , <b>2022</b> , 7, 106-116	15.7	