

Stephen Shennan

List of Publications by Year in descending order

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114
papers

6,579
citations

87888

38
h-index

69250

77
g-index

121
all docs

121
docs citations

121
times ranked

4937
citing authors

#	ARTICLE	IF	CITATIONS
1	Late Pleistocene Demography and the Appearance of Modern Human Behavior. <i>Science</i> , 2009, 324, 1298-1301.	12.6	952
2	Regional population collapse followed initial agriculture booms in mid-Holocene Europe. <i>Nature Communications</i> , 2013, 4, 2486.	12.8	532
3	Demography and Cultural Innovation: a Model and its Implications for the Emergence of Modern Human Culture. <i>Cambridge Archaeological Journal</i> , 2001, 11, 5-16.	0.9	508
4	Reconstructing regional population fluctuations in the European Neolithic using radiocarbon dates: a new case-study using an improved method. <i>Journal of Archaeological Science</i> , 2014, 52, 549-557.	2.4	262
5	Early Neolithic genomes from the eastern Fertile Crescent. <i>Science</i> , 2016, 353, 499-503.	12.6	230
6	Prehistoric population history: from the Late Glacial to the Late Neolithic in Central and Northern Europe. <i>Journal of Archaeological Science</i> , 2007, 34, 1339-1345.	2.4	219
7	Radiocarbon evidence indicates that migrants introduced farming to Britain. <i>Journal of Archaeological Science</i> , 2010, 37, 866-870.	2.4	199
8	Population, Culture History, and the Dynamics of Culture Change. <i>Current Anthropology</i> , 2000, 41, 811-835.	1.6	194
9	Holocene fluctuations in human population demonstrate repeated links to food production and climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10524-E10531.	7.1	194
10	Neolithic transition in Europe: the radiocarbon record revisited. <i>Antiquity</i> , 2003, 77, 45-62.	1.0	193
11	Archaeobotanical Evidence for the Spread of Farming in the Eastern Mediterranean. <i>Current Anthropology</i> , 2004, 45, S35-S58.	1.6	164
12	Cultural transmission, language, and basketry traditions amongst the California Indians. <i>Journal of Anthropological Archaeology</i> , 2003, 22, 42-74.	1.6	159
13	The impact of the Neolithic agricultural transition in Britain: a comparison of pollen-based land-cover and archaeological ¹⁴ C date-inferred population change. <i>Journal of Archaeological Science</i> , 2014, 51, 216-224.	2.4	128
14	Meta-analysis of zooarchaeological data from SW Asia and SE Europe provides insight into the origins and spread of animal husbandry. <i>Journal of Archaeological Science</i> , 2011, 38, 538-545.	2.4	125
15	The spread of Neolithic plant economies from the Near East to northwest Europe: a phylogenetic analysis. <i>Journal of Archaeological Science</i> , 2008, 35, 42-56.	2.4	113
16	Evolution in Archaeology. <i>Annual Review of Anthropology</i> , 2008, 37, 75-91.	1.5	100
17	Comparing archaeological proxies for long-term population patterns: An example from central Italy. <i>Journal of Archaeological Science</i> , 2017, 87, 59-72.	2.4	99
18	Mediterranean landscape change during the Holocene: Synthesis, comparison and regional trends in population, land cover and climate. <i>Holocene</i> , 2019, 29, 923-937.	1.7	96

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19	The evolution of Neolithic farming from SW Asian origins to NW European limits. <i>European Journal of Archaeology</i> , 2005, 8, 137-156.	0.5	91
20	The Neolithic Demographic Transition in Europe: Correlation with Juvenility Index Supports Interpretation of the Summed Calibrated Radiocarbon Date Probability Distribution (SCDPD) as a Valid Demographic Proxy. <i>PLoS ONE</i> , 2014, 9, e105730.	2.5	85
21	Demographic Continuities and Discontinuities in Neolithic Europe: Evidence, Methods and Implications. <i>Journal of Archaeological Method and Theory</i> , 2013, 20, 300-311.	3.0	83
22	The Provenance, Use, and Circulation of Metals in the European Bronze Age: The State of Debate. <i>Journal of Archaeological Research</i> , 2019, 27, 131-185.	4.0	82
23	Descent with modification and the archaeological record. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 1070-1079.	4.0	77
24	Human responses and non-responses to climatic variations during the last Glacial-Interglacial transition in the eastern Mediterranean. <i>Quaternary Science Reviews</i> , 2018, 184, 47-67.	3.0	69
25	Founder effect, drift, and adaptive change in domestic crop use in early Neolithic Europe. <i>Journal of Archaeological Science</i> , 2008, 35, 2797-2804.	2.4	61
26	Holocene regional population dynamics and climatic trends in the Near East: A first comparison using archaeo-demographic proxies. <i>Quaternary Science Reviews</i> , 2021, 252, 106739.	3.0	60
27	Evolutionary Demography and the Population History of the European Early Neolithic. <i>Human Biology</i> , 2009, 81, 339-355.	0.2	59
28	Long-term trends of land use and demography in Greece: A comparative study. <i>Holocene</i> , 2019, 29, 742-760.	1.7	58
29	Is Neolithic land use correlated with demography? An evaluation of pollen-derived land cover and radiocarbon-inferred demographic change from Central Europe. <i>Holocene</i> , 2014, 24, 1297-1307.	1.7	57
30	Property and wealth inequality as cultural niche construction. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 918-926.	4.0	56
31	The origins and spread of stock-keeping: the role of cultural and environmental influences on early Neolithic animal exploitation in Europe. <i>Antiquity</i> , 2013, 87, 1046-1059.	1.0	55
32	Diversity in hunter-gatherer technological traditions: Mapping trajectories of cultural descent with modification in northeast California. <i>Journal of Anthropological Archaeology</i> , 2009, 28, 342-365.	1.6	52
33	Culture, space, and metapopulation: a simulation-based study for evaluating signals of blending and branching. <i>Journal of Archaeological Science</i> , 2014, 43, 289-298.	2.4	50
34	Holocene landscape dynamics and long-term population trends in the Levant. <i>Holocene</i> , 2019, 29, 708-727.	1.7	48
35	Species distribution modelling of ancient cattle from early Neolithic sites in SW Asia and Europe. <i>Holocene</i> , 2012, 22, 997-1010.	1.7	44
36	A non-equilibrium neutral model for analysing cultural change. <i>Journal of Theoretical Biology</i> , 2013, 330, 18-25.	1.7	44

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37	Revealing patterns of cultural transmission from frequency data: equilibrium and non-equilibrium assumptions. <i>Scientific Reports</i> , 2016, 6, 39122.	3.3	43
38	Holocene land cover and population dynamics in Southern France. <i>Holocene</i> , 2019, 29, 776-798.	1.7	42
39	Prehistoric palaeodemographics and regional land cover change in eastern Iberia. <i>Holocene</i> , 2019, 29, 799-815.	1.7	40
40	Chiefdoms: Power, Economy and Ideology. <i>Man; A Monthly Record of Anthropological Science</i> , 1994, 29, 466.	0.3	37
41	Inferential mistakes in population proxies: A response to Torfing's "Neolithic population and summed probability distribution of 14C-dates". <i>Journal of Archaeological Science</i> , 2015, 63, 199-202.	2.4	37
42	Tyrrhenian central Italy: Holocene population and landscape ecology. <i>Holocene</i> , 2019, 29, 761-775.	1.7	37
43	Central Europe in the third millennium B.C.: An evolutionary trajectory for the beginning of the European bronze age. <i>Journal of Anthropological Archaeology</i> , 1986, 5, 115-146.	1.6	33
44	Cost, benefit and value in the organization of early European copper production. <i>Antiquity</i> , 1999, 73, 352-363.	1.0	32
45	The chronology of culture: a comparative assessment of European Neolithic dating approaches. <i>Antiquity</i> , 2014, 88, 1065-1080.	1.0	31
46	Pollen-inferred regional vegetation patterns and demographic change in Southern Anatolia through the Holocene. <i>Holocene</i> , 2019, 29, 728-741.	1.7	31
47	Reconciling material cultures in archaeology with genetic data requires robust cultural evolutionary taxonomies. <i>Palgrave Communications</i> , 2019, 5, .	4.7	30
48	Size Reduction in Early European Domestic Cattle Relates to Intensification of Neolithic Herding Strategies. <i>PLoS ONE</i> , 2015, 10, e0141873.	2.5	28
49	Neolithic population crash in northwest Europe associated with agricultural crisis. <i>Quaternary Research</i> , 2019, 92, 686-707.	1.7	27
50	The changing face of the Mediterranean " Land cover, demography and environmental change: Introduction and overview. <i>Holocene</i> , 2019, 29, 703-707.	1.7	24
51	Regional Demographic Trends and Settlement Patterns in Central Italy: Archaeological Sites and Radiocarbon Dates. <i>Journal of Open Archaeology Data</i> , 2018, 6, .	0.8	24
52	Commodities, Transactions, and Growth in the Central-European Early Bronze Age. <i>Journal of European Archaeology</i> , 1993, 1, 59-72.	0.5	23
53	Canoes and cultural evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3175-3176.	7.1	18
54	A generative inference framework for analysing patterns of cultural change in sparse population data with evidence for fashion trends in LBK culture. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150905.	3.4	17

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55	Towards a Critical Archaeology?.. Proceedings of the Prehistoric Society, London, 1986, 52, 327-338.	0.7	16
56	Archaeology, demography and life history theory together can help us explain past and present population patterns. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190711.	4.0	16
57	Archaeology as archaeology or as anthropology? Clarke's Analytical archaeology and the Binfordsâ€™New perspectives in archaeology 21 years on. Antiquity, 1989, 63, 831-835.	1.0	15
58	Archaeology and evolutionary ecology. World Archaeology, 2002, 34, 1-5.	1.1	15
59	Introduction: Demography and Cultural Macroevolution. Human Biology, 2009, 81, 105-119.	0.2	15
60	Long-Term Demographic Trends in Prehistoric Italy: Climate Impacts and Regionalised Socio-Ecological Trajectories. Journal of World Prehistory, 2021, 34, 381-432.	3.6	15
61	Population Processes and Their Consequences in Early Neolithic Central Europe. , 2008, , 315-329.		14
62	Simulating Geographical Variation in Material Culture: Were Early Modern Humans in Europe Ethnically Structured?. , 2015, , 103-120.		13
63	Multilevel processes and cultural adaptation: examples from past and present small-scale societies. Ecology and Society, 2016, 21, .	2.3	13
64	Supply and demand in prehistory? Economics of Neolithic mining in northwest Europe. Journal of Anthropological Archaeology, 2019, 54, 149-160.	1.6	12
65	Style, Function and Cultural Transmission. Vertebrate Paleobiology and Paleoanthropology, 2020, , 291-298.	0.5	12
66	Ornamental plant domestication by aesthetics-driven human cultural niche construction. Trends in Plant Science, 2022, 27, 124-138.	8.8	12
67	Population-level neutral model already explains linguistic patterns. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1770-1772.	2.6	11
68	Revolution Fulfilled? Symbolic and Structural Archaeology, a Generation On. Symbolic and Structural Archaeology, edited by Ian Hodder. (New Directions in Archaeology Series.) Cambridge: Cambridge University Press, 2007 (2nd edition); ISBN-13: 9780521035507 paperback, Â£18.99 & US\$34.99, 196 pp.. Cambridge Archaeological Journal, 2007, 17, 199-228.	0.9	10
69	New Radiocarbon Dates Show Early Neolithic Date of Flint-Mining and Stone Quarrying in Britain. Radiocarbon, 2020, 62, 75-105.	1.8	10
70	British Neolithic Axehead Distributions and Their Implications. Journal of Archaeological Method and Theory, 2020, 27, 836-859.	3.0	10
71	Social Evolution Today. Journal of World Prehistory, 2011, 24, 201-212.	3.6	9
72	Food Income and the Evolution of Forager Mobility. Scientific Reports, 2019, 9, 5438.	3.3	9

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73	On the relevance of the European Neolithic. <i>Antiquity</i> , 2015, 89, 1203-1210.	1.0	8
74	The Archaeology of Human Ancestry: Power, Sex and Tradition.. <i>Journal of the Royal Anthropological Institute</i> , 1997, 3, 599.	0.4	7
75	Cultural continuities and discontinuities at the Neolithic transition in Eastern Iberia: an analysis of the morphometry of geometric microliths. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	7
76	Archaeology evolving: history, adaptation, self-organization. <i>Antiquity</i> , 2002, 76, 253-256.	1.0	6
77	A Neolithic population model based on new radiocarbon dates from mining, funerary and population scaled activity in the Saint-Gond Marshes region of North East France. <i>Quaternary International</i> , 2021, 586, 121-132.	1.5	6
78	The nature of archaeological arguments. <i>Antiquity</i> , 1990, 64, 766-777.	1.0	5
79	Appendix to Understanding Cumulative Cultural Evolution: A Reply to Vaesen, Collard, Et Al.. <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
80	The Neolithic transition and European population history – a response. <i>Antiquity</i> , 2004, 78, 711-713.	1.0	4
81	Culture, society and evolutionary theory. <i>Archaeological Dialogues</i> , 2004, 11, 107-114.	0.6	4
82	The NERD Dataset: Near East Radiocarbon Dates between 15,000 and 1,500 cal. yr. BP. <i>Journal of Open Archaeology Data</i> , 2022, 10, .	0.8	4
83	Cycles in Stone Mining and Copper Circulation in Europe 5500â€“2000<scp>bc</scp>: A View from Space. <i>European Journal of Archaeology</i> , 2021, 24, 204-225.	0.5	2
84	Stanton W. Green & Stephen M. Perlman (eds): <i>The archaeology of frontiers and boundaries</i> . Orlando: Academic Press, 1985. 362 pp.. <i>Antiquity</i> , 1986, 60, 162-163.	1.0	1
85	Grounding arguments about burials. <i>Archaeological Dialogues</i> , 1994, 1, 124-125.	0.6	1
86	Villagers of the Maros: A Portrait of an Early Bronze Age Society. <i>American Journal of Archaeology</i> , 1998, 102, 432.	0.1	1
87	Structure and Agency in Complex Adaptive Systems A review of Dynamics in Human and Primate Societies: Agent-based Modeling of Social and Spatial Processes, edited by Timothy A. Kohler & George J. Gummerman, 2000. (Santa Fe Institute Studies in the Sciences of Complexity.) Oxford & New York (NY): Oxford University Press; ISBN 0-19-513168-1 paperback, Â£28.99 & US\$40; ISBN 0-19-513167-3 hardback, Â£46.99 & US\$65, 412 pp., illus.. <i>Cambridge Archaeological Journal</i> , 2001, 11, 274-276.	0.9	1
88	A small bouncy figure in a duffle coat. <i>Antiquity</i> , 2006, 80, 763-764.	1.0	1
89	Comparative Anthropology and Human Inequality. <i>Current Anthropology</i> , 2010, 51, 115-116.	1.6	1
90	Benjamin W. Roberts and Marc Vander Linden, eds. <i>Investigating Archaeological Cultures: Material Culture, Variability and Transmission</i> (Berlin: Springer, 2011, 300pp., 49 figs., hbk, ISBN 978-1-4419-6970-5). <i>European Journal of Archaeology</i> , 2013, 16, 729-736.	0.5	1

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91	Technology, Evolution of. , 2015, , 129-134.		1
92	Challenge and Response: The Social Nature of the Discipline of Archaeology. Current Swedish Archaeology, 2013, 21, 45-48.	0.1	1
93	Evolutionary perspectives in archaeology: from culture history to cultural evolution. , 2007, , .		1
94	Interrogating Pedagogies: Archaeology in Higher Education & Paul Rainbird and Yannis Hamilakis (eds) Public Archaeology, 2002, 2, 246-247.	0.6	1
95	Supply and Demand in Prehistory? Economics of Neolithic Mining in NW Europe (NEOMINE). Archaeology International UCL, Institute of Archaeology, 2017, 20, .	0.2	1
96	Cultural Evolution of Neolithic Europe. Archaeology International UCL, Institute of Archaeology, 2012, 15, .	0.2	1
97	The evolutionary analysis of cultural behaviour. Archaeology International UCL, Institute of Archaeology, 2012, 4, .	0.2	1
98	Ian Hodder (ed.): Simulation studies in archaeology. Cambridge: University Press, 1978. 148 pp., figs. £8.50. Antiquity, 1980, 54, 73-74.	1.0	0
99	Osteology and prehistoric society. Nature, 1980, 283, 620-621.	27.8	0
100	Stylistic Variation in Prehistoric Ceramics: Design Analysis in the American Southwest. By Stephen Plog. viii + 160 pages. Cambridge University Press, Cambridge, 1980. Price £12.50. Proceedings of the Prehistoric Society, London, 1981, 47, 136-136.	0.7	0
101	Archaeological Constructs: an Aspect of Theoretical Archaeology. By Jean-Claude Gardin. xii + 202 pages, 27 figures. Cambridge University Press and Éditions de la Maison des Sciences de l'Homme, 1980. £15.00. Proceedings of the Prehistoric Society, London, 1981, 47, 18-18.	0.7	0
102	Reading the past: current approaches to interpretation in archaeology. By Ian Hodder. xi + 195 pp. Cambridge University Press, 1986. Price £6.95 paperback. Proceedings of the Prehistoric Society, London, 1987, 53, 499-499.	0.7	0
103	Specialization, Exchange and Complex Societies. Edited by Elizabeth M. Brumfield and Timothy K. Earle. 27.5 Å— 22 cm. Pp. vii + 150, 35 figs. Cambridge: Cambridge University Press, 1987. ISBN 0-521-32118-2. £25. Antiquaries Journal, 1988, 68, 332-333.	0.1	0
104	Qualifying Diversity in Archaeology. Man; A Monthly Record of Anthropological Science, 1990, 25, 710.	0.3	0
105	James Whitley. Style and society in Dark Age Greece: <i>the changing face of a pre-literate society</i> 1100-700 <sc>BC.</sc> xx + 225 pages, 21 figures, 39 plates, 14 tables. 1991. Cambridge & New York (NY): Cambridge University Press; ISBN 0521-37383-2 hardback £32.50 & \$ 54.50. Antiquity, 1992, 66, 276-277.	1.0	0
106	Mind over matter?. Antiquity, 1995, 69, 614-617.	1.0	0
107	Refuting Western Uniqueness - Jack Goody, Metals, Culture and Capitalism. An Essay on the Origins of the Modern World (Cambridge, Cambridge University Press, 2012). Archives Europeennes De Sociologie, 2013, 54, 508-512.	0.2	0
108	Comment on Sterelny and Watkins. Cambridge Archaeological Journal, 2015, 25, 696-698.	0.9	0

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109	Language, Genes, and Cultural Interaction. , 2015, , .		0
110	First Migrants: Ancient Migration in Global Perspective, by Peter Bellwood, 2013. Chichester: Wiley-Blackwell. ISBN hardback 978-1-4051-8909-5, £55.00, \$64.70 \$89.95; xvii+308 pp., 37 figures; paperback £19.99, \$23.50, \$39.95; e-book £15.99, \$18.99, \$31.99. Cambridge Archaeological Journal, 2015, 25, 533-534.	0.9	0
111	The Revolution in Studies of the Neolithic Transition in the West Mediterranean. Fundamental Issues in Archaeology, 2017, , 399-408.	0.4	0
112	Where Are We Heading? The Evolution of Humans and Things. IAN HODDER. 2018. Yale University Press, New Haven, Connecticut. xvi + 179 pp. \$27.50 (hardcover), ISBN 978-0-300-20409-4.. American Antiquity, 2019, 84, 584-586.	1.1	0
113	The Emergence of Premodern States: New perspectives on the development of complex societies, edited by Jeremy A. Sabloff & Paula L.W. Sabloff, 2018. Santa Fe (NM): Santa Fe Institute Press; ISBN 978-1-947864-03-0 paperback \$9.95. 370 pp., 37 b/w figs, 16 tables, appendix. Cambridge Archaeological Journal, 2019, 29, 541-543.	0.9	0
114	Style and Function: Conceptual Issues in Evolutionary Archaeology. By Teresa D. Hurt and Gordon F. M. Rakita.. American Journal of Archaeology, 2003, 107, 496-497.	0.1	0