

Matt Grove

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,410
citations

361413
20
h-index

345221
36
g-index

55
all docs

55
docs citations

55
times ranked

1660
citing authors

#	ARTICLE	IF	CITATIONS
1	Did Our Species Evolve in Subdivided Populations across Africa, and Why Does It Matter?. Trends in Ecology and Evolution, 2018, 33, 582-594.	8.7	315
2	Hunter-gatherer movement patterns: Causes and constraints. Journal of Anthropological Archaeology, 2009, 28, 222-233.	1.6	132
3	Fission-fusion and the evolution of hominin social systems. Journal of Human Evolution, 2012, 62, 191-200.	2.6	85
4	From Individual Neurons to Social Brains. Cambridge Archaeological Journal, 2008, 18, 387-400.	0.9	55
5	Logistical mobility reduces subsistence risk in hunting economies. Journal of Archaeological Science, 2010, 37, 1913-1921.	2.4	55
6	Food and social complexity at Tepeş, southeastern Anatolia: Stable isotope evidence of differentiation in diet according to burial practice and sex in the early Neolithic. Journal of Anthropological Archaeology, 2013, 32, 180-189.	1.6	55
7	The structure of the Middle Stone Age of eastern Africa. Quaternary Science Reviews, 2018, 195, 1-20.	3.0	52
8	Ranging patterns of hamadryas baboons: random walk analyses. Animal Behaviour, 2010, 80, 75-87.	1.9	46
9	Speciation, diversity, and Mode 1 technologies: The impact of variability selection. Journal of Human Evolution, 2011, 61, 306-319.	2.6	45
10	Population density, mobility, and cultural transmission. Journal of Archaeological Science, 2016, 74, 75-84.	2.4	44
11	Change and variability in Plio-Pleistocene climates: modelling the hominin response. Journal of Archaeological Science, 2011, 38, 3038-3047.	2.4	42
12	Space, time, and group size: a model of constraints on primate social foraging. Animal Behaviour, 2012, 83, 411-419.	1.9	40
13	An archaeological signature of multi-level social systems: The case of the Irish Bronze Age. Journal of Anthropological Archaeology, 2011, 30, 44-61.	1.6	30
14	Palaeoclimates, plasticity, and the early dispersal of Homo sapiens. Quaternary International, 2015, 369, 17-37.	1.5	30
15	Evolution and dispersal under climatic instability: a simple evolutionary algorithm. Adaptive Behavior, 2014, 22, 235-254.	1.9	27
16	Climatic variability, plasticity, and dispersal: A case study from Lake Tana, Ethiopia. Journal of Human Evolution, 2015, 87, 32-47.	2.6	26
17	Neural networks differentiate between Middle and Later Stone Age lithic assemblages in eastern Africa. PLoS ONE, 2020, 15, e0237528.	2.5	26
18	Amplitudes of orbitally induced climatic cycles and patterns of hominin speciation. Journal of Archaeological Science, 2012, 39, 3085-3094.	2.4	23

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19	A SPATIO-TEMPORAL KERNEL METHOD FOR MAPPING CHANGES IN PREHISTORIC LAND-USE PATTERNS. <i>Archaeometry</i> , 2011, 53, 1012-1030.	1.3	22
20	Northern Hemisphere Glaciation, African climate and human evolution. <i>Quaternary Science Reviews</i> , 2021, 268, 107095.	3.0	22
21	Abrupt climate change and its influences on hominin evolution during the early Pleistocene in the Turkana Basin, Kenya. <i>Quaternary Science Reviews</i> , 2020, 245, 106531.	3.0	22
22	Counting sheep: sample size and statistical inference in stable isotope analysis and palaeodietary reconstruction. <i>World Archaeology</i> , 2013, 45, 373-387.	1.1	19
23	Hunter-gatherers adjust mobility to maintain contact under climatic variation. <i>Journal of Archaeological Science: Reports</i> , 2018, 19, 588-595.	0.5	16
24	Evaluating refugia in recent human evolution in Africa. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200485.	4.0	16
25	Recurrent patterning in the daily foraging routes of hamadryas baboons (<i>Papio hamadryas</i>): Spatial memory in large-scale versus small-scale space. <i>American Journal of Primatology</i> , 2014, 76, 421-435.	1.7	15
26	The origins of nomadic pastoralism in the eastern Jordanian steppe: a combined stable isotope and chipped stone assessment. <i>Levant</i> , 2018, 50, 281-304.	0.9	15
27	A spatiotemporally explicit paleoenvironmental framework for the Middle Stone Age of eastern Africa. <i>Scientific Reports</i> , 2022, 12, 3689.	3.3	15
28	The evolution of spatial memory. <i>Mathematical Biosciences</i> , 2013, 242, 25-32.	1.9	13
29	The place of the Neanderthals in hominin phylogeny. <i>Journal of Anthropological Archaeology</i> , 2014, 35, 32-50.	1.6	12
30	Environmental complexity, life history, and encephalisation in human evolution. <i>Biology and Philosophy</i> , 2017, 32, 395-420.	1.4	12
31	Stone circles and the structure of Bronze Age society. <i>Journal of Archaeological Science</i> , 2010, 37, 2612-2621.	2.4	11
32	Orbital dynamics, environmental heterogeneity, and the evolution of the human brain. <i>Intelligence</i> , 2012, 40, 404-418.	3.0	8
33	The Costs of Being a High-latitude Hominin. , 2014, , 356-379.		8
34	Evolving conformity: Conditions favouring conformist social learning over random copying. <i>Cognitive Systems Research</i> , 2019, 54, 232-245.	2.7	7
35	iTrench: A study of user reactions to the use of information technology in field archaeology. <i>Literary and Linguistic Computing</i> , 2009, 24, 211-223.	0.6	6
36	Testing the Integrity of the Middle and Later Stone Age Cultural Taxonomic Division in Eastern Africa. <i>Journal of Paleolithic Archaeology</i> , 2021, 4, 1.	1.7	6

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37	Visualisation and permutation methods for archaeological data analysis. <i>Archaeological and Anthropological Sciences</i> , 2014, 6, 319-328.	1.8	5
38	Local objects, distant symbols: fission-fusion social systems and the evolution of human cognition. , 0, , 15-30.		5
39	Understanding resource choice at the transition from foraging to farming: An application of palaeodistribution modelling to the Neolithic of the Konya Plain, south-central Anatolia, Turkey. <i>Journal of Archaeological Science</i> , 2018, 96, 57-72.	2.4	5
40	The Archaeology of Group Size. , 2010, , .		5
41	Coloured noise time series as appropriate models for environmental variation in artificial evolutionary systems. , 2020, , .		4
42	The Importance of Noise Colour in Simulations of Evolutionary Systems. <i>Artificial Life</i> , 2022, 27, 164-182.	1.3	4
43	Strong conformity requires a greater proportion of asocial learning and achieves lower fitness than a payoff-based equivalent. <i>Adaptive Behavior</i> , 2018, 26, 323-333.	1.9	3
44	The Quantitative Analysis of Mobility: Ecological Techniques and Archaeological Extensions. , 2010, , 83-118.		3
45	Climatic change and climatic variability: An objective decomposition. <i>Quaternary Science Reviews</i> , 2021, 271, 107196.	3.0	2
46	Steven E. Churchill . <i>Thin on the ground: Neandertal biology, archeology, and ecology</i> . 2014. xvi+453 pages, numerous b&w illustrations and tables. Oxford: Wiley-Blackwell; 978-1-118-59087-4 hardback £100.. <i>Antiquity</i> , 2015, 89, 994-995.	1.0	0
47	Environmental variability and hominin dispersal. <i>Journal of Human Evolution</i> , 2015, 87, 1-4.	2.6	0
48	Random Walk Analyses in Primates. , 2021, , 247-266.		0
49	Hunter-Gatherer Settlement and Mobility. , 2014, , 3567-3577.		0
50	Hunter-Gatherer Settlement and Mobility. , 2020, , 5389-5399.		0
51	Title is missing!. , 2020, 15, e0237528.		0
52	Title is missing!. , 2020, 15, e0237528.		0
53	Title is missing!. , 2020, 15, e0237528.		0
54	Title is missing!. , 2020, 15, e0237528.		0