Matt Grove

List of Publications by Year
in descending order

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	The Importance of Noise Colour in Simulations of Evolutionary Systems. Artificial Life, 2022, 27, 164-182.	1.3	4
2	A spatiotemporally explicit paleoenvironmental framework for the Middle Stone Age of eastern Africa. Scientific Reports, 2022, 12, 3689.	3.3	15
3	Evaluating refugia in recent human evolution in Africa. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200485.	4.0	16
4	Random Walk Analyses in Primates. , 2021, , 247-266.		0
5	Testing the Integrity of the Middle and Later Stone Age Cultural Taxonomic Division in Eastern Africa. Journal of Paleolithic Archaeology, 2021, 4, 1.	1.7	6
6	Northern Hemisphere Glaciation, African climate and human evolution. Quaternary Science Reviews, 2021, 268, 107095.	3.0	22
7	Climatic change and climatic variability: An objective decomposition. Quaternary Science Reviews, 2021, 271, 107196.	3.0	2
8	Coloured noise time series as appropriate models for environmental variation in artificial evolutionary systems. , 2020, , .		4
9	Neural networks differentiate between Middle and Later Stone Age lithic assemblages in eastern Africa. PLoS ONE, 2020, 15, e0237528.	2.5	26
10	Abrupt climate change and its influences on hominin evolution during the early Pleistocene in the Turkana Basin, Kenya. Quaternary Science Reviews, 2020, 245, 106531.	3.0	22
11	Hunter-Gatherer Settlement and Mobility. , 2020, , 5389-5399.		0
12	Title is missing!. , 2020, 15, e0237528.		0
13	Title is missing!. , 2020, 15, e0237528.		0
14	Title is missing!. , 2020, 15, e0237528.		0
15	Title is missing!. , 2020, 15, e0237528.		0
16	Evolving conformity: Conditions favouring conformist social learning over random copying. Cognitive Systems Research, 2019, 54, 232-245.	2.7	7
17	Hunter-gatherers adjust mobility to maintain contact under climatic variation. Journal of Archaeological Science: Reports, 2018, 19, 588-595.	0.5	16
18	The origins of nomadic pastoralism in the eastern Jordanian steppe: a combined stable isotope and chipped stone assessment. Levant, 2018, 50, 281-304.	0.9	15

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19	Strong conformity requires a greater proportion of asocial learning and achieves lower fitness than a payoff-based equivalent. Adaptive Behavior, 2018, 26, 323-333.	1.9	3
20	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
21	The structure of the Middle Stone Age of eastern Africa. Quaternary Science Reviews, 2018, 195, 1-20.	3.0	52
22	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. Journal of Archaeological Science, 2018, 96, 57-72.	2.4	5
23	Environmental complexity, life history, and encephalisation in human evolution. Biology and Philosophy, 2017, 32, 395-420.	1.4	12
24	Population density, mobility, and cultural transmission. Journal of Archaeological Science, 2016, 74, 75-84.	2.4	44
25	Steven E. Churchill . Thin on the ground: Neandertal biology, archeology, and ecology. 2014. xvi+453 pages, numerous b&w illustrations and tables. Oxford: Wiley-Blackwell; 978-1-118-59087-4 hardback Â£100.. Antiquity, 2015, 89, 994-995.	1.0	0
26	Environmental variability and hominin dispersal. Journal of Human Evolution, 2015, 87, 1-4.	2.6	0
27	Climatic variability, plasticity, and dispersal: A case study from Lake Tana, Ethiopia. Journal of Human Evolution, 2015, 87, 32-47.	2.6	26
28	Palaeoclimates, plasticity, and the early dispersal of Homo sapiens. Quaternary International, 2015, 369, 17-37.	1.5	30
29	Evolution and dispersal under climatic instability: a simple evolutionary algorithm. Adaptive Behavior, 2014, 22, 235-254.	1.9	27
30	The place of the Neanderthals in hominin phylogeny. Journal of Anthropological Archaeology, 2014, 35, 32-50.	1.6	12
31	Visualisation and permutation methods for archaeological data analysis. Archaeological and Anthropological Sciences, 2014, 6, 319-328.	1.8	5
32	Recurrent patterning in the daily foraging routes of hamadryas baboons (Papio hamadryas): Spatial memory in largeâ€scale versus smallâ€scale space. American Journal of Primatology, 2014, 76, 421-435.	1.7	15
33	The Costs of Being a High-latitude Hominin. , 2014, , 356-379.		8
34	Hunter-Gatherer Settlement and Mobility. , 2014, , 3567-3577.		0
35	Food and social complexity at Ã‡ayÃ¶nÃ¼ Tepesi, 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
36	Counting sheep: sample size and statistical inference in stable isotope analysis and palaeodietary reconstruction. World Archaeology, 2013, 45, 373-387.	1.1	19

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37	The evolution of spatial memory. Mathematical Biosciences, 2013, 242, 25-32.	1.9	13
38	Orbital dynamics, environmental heterogeneity, and the evolution of the human brain. Intelligence, 2012, 40, 404-418.	3.0	8
39	Amplitudes of orbitally induced climatic cycles and patterns of hominin speciation. Journal of Archaeological Science, 2012, 39, 3085-3094.	2.4	23
40	Space, time, and group size: a model of constraints on primate social foraging. Animal Behaviour, 2012, 83, 411-419.	1.9	40
41	Fission-fusion and the evolution of hominin social systems. Journal of Human Evolution, 2012, 62, 191-200.	2.6	85
42	Change and variability in Plio-Pleistocene climates: modelling the hominin response. Journal of Archaeological Science, 2011, 38, 3038-3047.	2.4	42
43	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
44	A SPATIOâ€TEMPORAL KERNEL METHOD FOR MAPPING CHANGES IN PREHISTORIC LANDâ€USE PATTERNS. Archaeometry, 2011, 53, 1012-1030.	1.3	22
45	Speciation, diversity, and Mode 1 technologies: The impact of variability selection. Journal of Human Evolution, 2011, 61, 306-319.	2.6	45
46	Ranging patterns of hamadryas baboons: random walk analyses. Animal Behaviour, 2010, 80, 75-87.	1.9	46
47	Logistical mobility reduces subsistence risk in hunting economies. Journal of Archaeological Science, 2010, 37, 1913-1921.	2.4	55
48	Stone circles and the structure of Bronze Age society. Journal of Archaeological Science, 2010, 37, 2612-2621.	2.4	11
49	The Quantitative Analysis of Mobility: Ecological Techniques and Archaeological Extensions. , 2010, , 83-118.		3
50	The Archaeology of Group Size. , 2010, , .		5
51	iTrench: A study of user reactions to the use of information technology in field archaeology. Literary and Linguistic Computing, 2009, 24, 211-223.	0.6	6
52	Hunterâ€“gatherer movement patterns: Causes and constraints. Journal of Anthropological Archaeology, 2009, 28, 222-233.	1.6	132
53	From Individual Neurons to Social Brains. Cambridge Archaeological Journal, 2008, 18, 387-400.	0.9	55
54	Local objects, distant symbols: fission-fusion social systems and the evolution of human cognition. , 0, , 15-30.		5