

# J Tyler Faith

## List of Publications by Year in descending order

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Version: 2024-02-01

126  
papers

4,323  
citations

76326

40  
h-index

128289

60  
g-index

132  
all docs

132  
docs citations

132  
times ranked

3340  
citing authors

#	ARTICLE	IF	CITATIONS
1	No sustained increase in zooarchaeological evidence for carnivory after the appearance of <i>Homo erectus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	20
2	Seasonal strategies differ between tropical and extratropical herbivores. <i>Journal of Animal Ecology</i> , 2022, 91, 681-692.	2.8	10
3	Technological diversity in the Late Pleistocene of the Nyanza Rift, Kenya: Archaeological excavations at Kapsarok 1 and Anderea's Farm 1. <i>Journal of Archaeological Science: Reports</i> , 2022, 41, 103257.	0.5	0
4	Did vegetation change drive the extinction of <i>Paranthropus boisei</i> ?. <i>Journal of Human Evolution</i> , 2022, 173, 103154.	2.6	2
5	From quartz curvature to late Holocene mobility at Spring Cave, Western Cape, South Africa. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	1.8	1
6	Fire and human management of late Holocene ecosystems in southern Africa. <i>Quaternary Science Reviews</i> , 2022, 289, 107600.	3.0	9
7	Late quaternary biotic homogenization of North American mammalian faunas. <i>Nature Communications</i> , 2022, 13, .	12.8	7
8	Investigating Biotic Interactions in Deep Time. <i>Trends in Ecology and Evolution</i> , 2021, 36, 61-75.	8.7	26
9	A global environmental crisis 42,000 years ago. <i>Science</i> , 2021, 371, 811-818.	12.6	61
10	Identifying the true number of specimens of the extinct blue antelope ( <i>Hippotragus leucophaeus</i> ). <i>Scientific Reports</i> , 2021, 11, 2100.	3.3	9
11	Ecomorphology and ecology of the grassland specialist, <i>Rusingoryx atopocranion</i> ( <i>Artiodactyla</i> ): Tj ETQq1 1 0.784314 rgBT /Overlock 1.7	1.7	9
12	Ecosystem engineering in the Quaternary of the West Coast of South Africa. <i>Evolutionary Anthropology</i> , 2021, 30, 50-62.	3.4	11
13	Deriving original nodule size of lithic reduction sets from cortical curvature: An application to monitor stone artifact transport from bipolar reduction. <i>Journal of Archaeological Science: Reports</i> , 2021, 35, 102671.	0.5	3
14	First appearance of <i>Grevy's zebra</i> ( <i>Equus grevyi</i> ), from the Middle Pleistocene Kapthurin Formation, Kenya, sheds light on the evolution and paleoecology of large zebras. <i>Quaternary Science Reviews</i> , 2021, 256, 106835.	3.0	5
15	Tephrostratigraphy of the eastern Lake Victoria Basin including the Nyanza Rift, Kenya: Building a stratigraphic and chronological framework for modern human evolution. <i>Quaternary Science Reviews</i> , 2021, 256, 106823.	3.0	10
16	The past, present, and future of herbivore impacts on savanna vegetation. <i>Journal of Ecology</i> , 2021, 109, 2804-2822.	4.0	36
17	Quaternary diatoms and palaeoenvironments of the Koora Plain, southern Kenya rift. <i>Quaternary Science Reviews</i> , 2021, 267, 107106.	3.0	7
18	Rethinking the ecological drivers of hominin evolution. <i>Trends in Ecology and Evolution</i> , 2021, 36, 797-807.	8.7	41

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19	Response to Comment on "A global environmental crisis 42,000 years ago". Science, 2021, 374, eabi9756.	12.6	2
20	Global response of fire activity to late Quaternary grazer extinctions. Science, 2021, 374, 1145-1148.	12.6	32
21	Response to Comment on "A global environmental crisis 42,000 years ago". Science, 2021, 374, eabh3655.	12.6	0
22	Climate and ecology of the palaeo-Agulhas Plain from stable carbon and oxygen isotopes in bovid tooth enamel from Nelson Bay Cave, South Africa. Quaternary Science Reviews, 2020, 235, 105974.	3.0	15
23	Rapid Pleistocene desiccation and the future of Africa's Lake Victoria. Earth and Planetary Science Letters, 2020, 530, 115883.	4.4	25
24	Increased ecological resource variability during a critical transition in hominin evolution. Science Advances, 2020, 6, .	10.3	68
25	Ecometrics and the paleoecological implications of Pleistocene faunas from the western coastal plains of the Cape Floristic Region, South Africa. Journal of Quaternary Science, 2020, 35, 1007-1020.	2.1	3
26	Late Pleistocene Mammals from Kibogo, Kenya: Systematic Paleontology, Paleoenvironments, and Non-Analog Associations. Journal of Vertebrate Paleontology, 2020, 40, e1841781.	1.0	11
27	A Late Pleistocene human humerus from Rusinga Island, Lake Victoria, Kenya. Journal of Human Evolution, 2020, 146, 102855.	2.6	5
28	Lithic miniaturization as adaptive strategy: a case study from Boomplaas Cave, South Africa. Archaeological and Anthropological Sciences, 2020, 12, 1.	1.8	12
29	Late Quaternary micromammals and the precipitation history of the southern Cape, South Africa: response to comments by F. Thackeray, Quaternary Research 95, 154-156. Quaternary Research, 2020, 95, 157-159.	1.7	3
30	The uncertain case for human-driven extinctions prior to <i>Homo sapiens</i> . Quaternary Research, 2020, 96, 88-104.	1.7	15
31	Carbon, nitrogen, and oxygen isotopes of ostrich eggshells provide site-scale Pleistocene-Holocene paleoenvironmental records for eastern African archaeological sites. Quaternary Science Reviews, 2020, 230, 106142.	3.0	10
32	North American Terminal Pleistocene Extinctions: Current Views. , 2020, , 7941-7950.		0
33	Reply to Weihmann: Fifty gazelles do not equal an elephant, and other ecological misunderstandings. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3370-3371.	7.1	1
34	230Th/U burial dating of ostrich eggshell. Quaternary Science Reviews, 2019, 219, 263-276.	3.0	16
35	Reorganization of surviving mammal communities after the end-Pleistocene megafaunal extinction. Science, 2019, 365, 1305-1308.	12.6	33
36	Micro Methods for Megafauna: Novel Approaches to Late Quaternary Extinctions and Their Contributions to Faunal Conservation in the Anthropocene. BioScience, 2019, 69, 877-887.	4.9	11

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37	Early hominins evolved within non-analog ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21478-21483.	7.1	73
38	Addressing the effects of sampling on ecometric-based paleoenvironmental reconstructions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 528, 175-185.	2.3	9
39	Why a Book on Paleoenvironmental Reconstruction from Faunal Remains?. , 2019, , 1-11.		0
40	Fundamentals of Ecology and Biogeography. , 2019, , 12-47.		1
41	Analytical Assumptions. , 2019, , 48-76.		0
42	Background of Select Paleozoological Samples. , 2019, , 77-91.		0
43	Environmental Reconstructions Based on the Presence/Absence of Taxa. , 2019, , 92-122.		0
44	Environmental Reconstruction Based on Taxonomic Abundances. , 2019, , 123-154.		0
45	Taxon-Free Techniques. , 2019, , 155-196.		0
46	Environmental Inferences Based on Taxonomic Diversity. , 2019, , 197-233.		0
47	Transfer Functions and Quantitative Paleoenvironmental Reconstruction. , 2019, , 234-265.		1
48	Size Clines as Paleoenvironmental Indicators. , 2019, , 266-300.		0
49	Some Final Thoughts. , 2019, , 301-310.		0
50	Late Quaternary micromammals and the precipitation history of the southern Cape, South Africa. Quaternary Research, 2019, 91, 848-860.	1.7	26
51	We need to critically evaluate our assumptions: Reply to. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 506, 252-253.	2.3	2
52	Environmental dynamics during the onset of the Middle Stone Age in eastern Africa. Science, 2018, 360, 86-90.	12.6	146
53	The measurement of taxonomic evenness in zooarchaeology. Archaeological and Anthropological Sciences, 2018, 10, 1419-1428.	1.8	53
54	Climatic controls on Later Stone Age human adaptation in Africa's southern Cape. Journal of Human Evolution, 2018, 114, 35-44.	2.6	47

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55	Paleodietary change and its implications for aridity indices derived from $\delta^{18}O$ of herbivore tooth enamel. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 490, 571-578.	2.3	37
56	Low-Survival Skeletal Elements Track Attrition, Not Carcass Transport Behavior in Quaternary Large Mammal Assemblages. , 2018, , 109-126.		2
57	An early colonisation pathway into northwest Australia 70-60,000 years ago. <i>Quaternary Science Reviews</i> , 2018, 180, 229-239.	3.0	61
58	Plio-Pleistocene decline of African megaherbivores: No evidence for ancient hominin impacts. <i>Science</i> , 2018, 362, 938-941.	12.6	57
59	Big data little help in megafauna mysteries. <i>Nature</i> , 2018, 558, 23-25.	27.8	69
60	The spatio-temporal distribution of archaeological and faunal finds at Liang Bua (Flores, Indonesia) in light of the revised chronology for <i>Homo floresiensis</i> . <i>Journal of Human Evolution</i> , 2018, 124, 52-74.	2.6	49
61	Observations on graphing paleozoological data: Suggestions for better graphs. <i>Geobios</i> , 2018, 51, 435-451.	1.4	4
62	Explaining changing patterns of wood presence across the Bronze and Iron Age at Kaman-Kaleh <sup>14k</sup> , central Anatolia. <i>Quaternary International</i> , 2017, 431, 90-102.	1.5	9
63	Evaluating the potential for tactical hunting in the Middle Stone Age: Insights from a bonebed of the extinct bovid, <i>Rusingoryx atopocranium</i> . <i>Journal of Human Evolution</i> , 2017, 108, 72-91.	2.6	19
64	Bronze Age olive domestication in the north Jordan valley: new morphological evidence for regional complexity in early arboricultural practice from Pella in Jordan. <i>Vegetation History and Archaeobotany</i> , 2017, 26, 403-413.	2.1	20
65	Identifying the accumulator: Making the most of bone surface modification data. <i>Journal of Archaeological Science</i> , 2017, 85, 105-113.	2.4	14
66	Further human fossils from the Middle Stone Age deposits of Die Kelders Cave 1, Western Cape Province, South Africa. <i>Journal of Human Evolution</i> , 2017, 109, 70-78.	2.6	9
67	Large mammal species richness and late Quaternary precipitation change in southâ€western Australia. <i>Journal of Quaternary Science</i> , 2017, 32, 760-769.	2.1	23
68	Reconstruction of Late Pleistocene Paleoenvironments Using Bulk Geochemistry of Paleosols from the Lake Victoria Region. <i>Frontiers in Earth Science</i> , 2017, 5, .	1.8	19
69	Determining the geochemical variability of fineâ€grained basalt sources/quarries for facilitating prehistoric interaction studies in <b>P</b>olynesia. <i>Archaeology in Oceania</i> , 2016, 51, 158-167.	0.7	10
70	Late Quaternary environmental change in the Southern Cape, South Africa, from stable carbon and oxygen isotopes in faunal tooth enamel from Boomplaas Cave. <i>Journal of Quaternary Science</i> , 2016, 31, 919-927.	2.1	48
71	Size variation in <i>Tachyoryctes splendens</i> (East African mole-rat) and its implications for late Quaternary temperature change in equatorial East Africa. <i>Quaternary Science Reviews</i> , 2016, 140, 39-48.	3.0	18
72	Paleoenvironmental change in the late Middle Pleistoceneâ€Holocene Kibish Formation, southern Ethiopia: Evidence from ungulate isotopic ecology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 450, 50-59.	2.3	13

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73	The Pleistocene prehistory of the Lake Victoria basin. <i>Quaternary International</i> , 2016, 404, 100-114.	1.5	65
74	Unexpected Convergent Evolution of Nasal Domes between Pleistocene Bovids and Cretaceous Hadrosaur Dinosaurs. <i>Current Biology</i> , 2016, 26, 556.	3.9	0
75	Lyons et al. reply. <i>Nature</i> , 2016, 537, E5-E6.	27.8	0
76	The Menengai Tuff: A 36 ka widespread tephra and its chronological relevance to Late Pleistocene human evolution in East Africa. <i>Quaternary Science Reviews</i> , 2016, 152, 152-168.	3.0	31
77	Lyons et al. reply. <i>Nature</i> , 2016, 538, E3-E4.	27.8	1
78	Paleoenvironmental and biogeographic implications of terminal Pleistocene large mammals from the Ziway-Shala Basin, Main Ethiopian Rift, Ethiopia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 567-579.	2.3	11
79	A demographic perspective on the Middle to Later Stone Age transition from Nasera rockshelter, Tanzania. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150238.	4.0	79
80	Holocene shifts in the assembly of plant and animal communities implicate human impacts. <i>Nature</i> , 2016, 529, 80-83.	27.8	147
81	Unexpected Convergent Evolution of Nasal Domes between Pleistocene Bovids and Cretaceous Hadrosaur Dinosaurs. <i>Current Biology</i> , 2016, 26, 503-508.	3.9	18
82	Environmental Change, Ungulate Biogeography, and Their Implications for Early Human Dispersals in Equatorial East Africa. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2016, , 233-245.	0.5	30
83	Recurrent spring-fed rivers in a Middle to Late Pleistocene semi-arid grassland: Implications for environments of early humans in the Lake Victoria Basin, Kenya. <i>Sedimentology</i> , 2015, 62, 1611-1635.	3.1	26
84	Reconstruction of a semi-arid late Pleistocene paleocatena from the Lake Victoria region, Kenya. <i>Quaternary Research</i> , 2015, 84, 368-381.	1.7	27
85	Distal tephtras of the eastern Lake Victoria basin, equatorial East Africa: correlations, chronology and a context for early modern humans. <i>Quaternary Science Reviews</i> , 2015, 122, 89-111.	3.0	53
86	Taxonomy and paleoecology of fossil Bovidae (Mammalia, Artiodactyla) from the Kibish Formation, southern Ethiopia: Implications for dietary change, biogeography, and the structure of the living bovid faunas of East Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 420, 210-222.	2.3	41
87	Woodland modification in Bronze and Iron Age central Anatolia: an anthracological signature for the Hittite state?. <i>Journal of Archaeological Science</i> , 2015, 55, 219-230.	2.4	36
88	Late Pleistocene age and archaeological context for the hominin calvaria from GvJm-22 (Lukenya Hill), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2682-2687.	7.1	52
89	Stable isotope paleoecology of Late Pleistocene Middle Stone Age humans from the Lake Victoria basin, Kenya. <i>Journal of Human Evolution</i> , 2015, 82, 1-14.	2.6	56
90	Phylogenetic topology mapped onto dietary ecospace reveals multiple pathways in the evolution of the herbivorous niche in African Bovidae. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2015, 53, 140-154.	1.4	8

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91	Paleoenvironmental context of the Middle Stone Age record from Karungu, Lake Victoria Basin, Kenya, and its implications for human and faunal dispersals in East Africa. <i>Journal of Human Evolution</i> , 2015, 83, 28-45.	2.6	76
92	Alternating high and low climate variability: The context of natural selection and speciation in Plio-Pleistocene hominin evolution. <i>Journal of Human Evolution</i> , 2015, 87, 5-20.	2.6	148
93	Patterns of Co-Occurrence of Plant and Mammal Species Across Critical Intervals. <i>The Paleontological Society Special Publications</i> , 2014, 13, 53-54.	0.0	0
94	A framework for evaluating the influence of climate, dispersal limitation, and biotic interactions using fossil pollen associations across the late Quaternary. <i>Ecography</i> , 2014, 37, 1095-1108.	4.5	57
95	Regional diversity patterns in African bovids, hyaenids, and felids during the past 3 million years: the role of taphonomic bias and implications for the evolution of <i>Paranthropus</i> . <i>Quaternary Science Reviews</i> , 2014, 96, 9-22.	3.0	17
96	Sites on the landscape: Paleoenvironmental context of late Pleistocene archaeological sites from the Lake Victoria basin, equatorial East Africa. <i>Quaternary International</i> , 2014, 331, 20-30.	1.5	40
97	Biogeographic and Evolutionary Implications of an Extinct Late Pleistocene Impala from the Lake Victoria Basin, Kenya. <i>Journal of Mammalian Evolution</i> , 2014, 21, 213-222.	1.8	22
98	Late Pleistocene and Holocene mammal extinctions on continental Africa. <i>Earth-Science Reviews</i> , 2014, 128, 105-121.	9.1	126
99	Climate change and faunal turnover: testing the mechanics of the turnover-pulse hypothesis with South African fossil data. <i>Paleobiology</i> , 2013, 39, 609-627.	2.0	57
100	Fossil evidence for seasonal calving and migration of extinct blue antelope ( <i>Hippotragus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	3.0	26
101	Ungulate diversity and precipitation history since the Last Glacial Maximum in the Western Cape, South Africa. <i>Quaternary Science Reviews</i> , 2013, 68, 191-199.	3.0	57
102	The fossil history of <i>Grevy's zebra</i> ( <i>Equus grevyi</i> ) in equatorial East Africa. <i>Journal of Biogeography</i> , 2013, 40, 359-369.	3.0	46
103	Variability in the Middle Stone Age of Eastern Africa. <i>Current Anthropology</i> , 2013, 54, S234-S254.	1.6	151
104	Taphonomic and paleoecological change in the large mammal sequence from Boomplaas Cave, western Cape, South Africa. <i>Journal of Human Evolution</i> , 2013, 65, 715-730.	2.6	103
105	Reply to Brook et al: No empirical evidence for human overkill of megafauna in Sahul. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3369.	7.1	6
106	Climate change frames debate over the extinction of megafauna in Sahul (Pleistocene Australia-New) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 8777-8781.	7.1	138
107	Late Pleistocene artefacts and fauna from Rusinga and Mfangano islands, Lake Victoria, Kenya. <i>Azania</i> , 2012, 47, 14-38.	0.9	48
108	Palaeozoological insights into management options for a threatened mammal: southern Africa's Cape mountain zebra ( <i>Equus zebra zebra</i> ). <i>Diversity and Distributions</i> , 2012, 18, 438-447.	4.1	42

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109	Conservation Implications of Fossil Roan Antelope ( <i>Hippotragus equinus</i> ) in Southern Africa's Cape Floristic Region. , 2012, , 239-251.		24
110	New perspectives on middle Pleistocene change in the large mammal faunas of East Africa: <i>Damaliscus hypsodon</i> sp. nov. (Mammalia, Artiodactyla) from Lainyamok, Kenya. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 361-362, 84-93.	2.3	80
111	Ungulate community richness, grazer extinctions, and human subsistence behavior in southern Africa's Cape Floral Region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 306, 219-227.	2.3	57
112	Late Pleistocene climate change, nutrient cycling, and the megafaunal extinctions in North America. <i>Quaternary Science Reviews</i> , 2011, 30, 1675-1680.	3.0	39
113	Ungulate biogeography, statistical methods, and the proficiency of Middle Stone Age hunters. <i>Journal of Human Evolution</i> , 2011, 60, 315-317.	2.6	30
114	Late Quaternary dietary shifts of the Cape grysbok ( <i>Raphicerus melanotis</i> ) in southern Africa. <i>Quaternary Research</i> , 2011, 75, 159-165.	1.7	32
115	Taxonomic status and paleoecology of <i>Rusingoryx atopocranium</i> (Mammalia, Artiodactyla), an extinct Pleistocene bovid from Rusinga Island, Kenya. <i>Quaternary Research</i> , 2011, 75, 697-707.	1.7	55
116	Revisiting the late Pleistocene mammal extinction record at Tight Entrance Cave, southwestern Australia. <i>Quaternary Research</i> , 2011, 76, 397-400.	1.7	26
117	The Pleistocene archaeology and environments of the Wasiriya Beds, Rusinga Island, Kenya. <i>Journal of Human Evolution</i> , 2010, 59, 657-671.	2.6	81
118	Long-distance carcass transport at Olduvai Gorge? A quantitative examination of Bed I skeletal element abundances. <i>Journal of Human Evolution</i> , 2009, 56, 247-256.	2.6	55
119	Synchronous extinction of North America's Pleistocene mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20641-20645.	7.1	139
120	Eland, buffalo, and wild pigs: were Middle Stone Age humans ineffective hunters?. <i>Journal of Human Evolution</i> , 2008, 55, 24-36.	2.6	83
121	Skeletal element abundances in archaeofaunal assemblages: economic utility, sample size, and assessment of carcass transport strategies. <i>Journal of Archaeological Science</i> , 2007, 34, 872-882.	2.4	125
122	Sources of variation in carnivore tooth-mark frequencies in a modern spotted hyena ( <i>Crocuta</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	2.4	72
123	Changes in reindeer body part representation at Grotte XVI, Dordogne, France. <i>Journal of Archaeological Science</i> , 2007, 34, 2003-2011.	2.4	31
124	Carnivore competition, bone destruction, and bone density. <i>Journal of Archaeological Science</i> , 2007, 34, 2025-2034.	2.4	79
125	Changing patterns of carnivore modification in a landscape bone assemblage, Amboseli Park, Kenya. <i>Journal of Archaeological Science</i> , 2006, 33, 1718-1733.	2.4	84
126	A Late Pleistocene third molar of <i>Hylochoerus</i> (Suidae, Mammalia) from Rusinga Island, Kenya: paleoenvironmental implications and a note on the hypsodonty of African forest hogs. <i>Historical Biology</i> , 0, , 1-13.	1.4	1