

J Tyler Faith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2922677/publications.pdf>

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	Variability in the Middle Stone Age of Eastern Africa. <i>Current Anthropology</i> , 2013, 54, S234-S254.	1.6	151
2	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
3	Holocene shifts in the assembly of plant and animal communities implicate human impacts. <i>Nature</i> , 2016, 529, 80-83.	27.8	147
4	Environmental dynamics during the onset of the Middle Stone Age in eastern Africa. <i>Science</i> , 2018, 360, 86-90.	12.6	146
5	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
6	Climate change frames debate over the extinction of megafauna in Sahul (Pleistocene Australia-New Guinea). <i>Journal of Human Evolution</i> , 2014, 87, 8777-8781.	7.1	138
7	Late Pleistocene and Holocene mammal extinctions on continental Africa. <i>Earth-Science Reviews</i> , 2014, 128, 105-121.	9.1	126
8	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
9	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
10	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
11	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
12	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
13	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
14	Carnivore competition, bone destruction, and bone density. <i>Journal of Archaeological Science</i> , 2007, 34, 2025-2034.	2.4	79
15	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
16	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
17	Early hominins evolved within non-analog ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21478-21483.	7.1	73
18	Sources of variation in carnivore tooth-mark frequencies in a modern spotted hyena (<i>Crocuta</i>). <i>Journal of Human Evolution</i> , 2019, 124, 102537.	2.4	72

#	ARTICLE	IF	CITATIONS
19	Big data little help in megafauna mysteries. <i>Nature</i> , 2018, 558, 23-25.	27.8	69
20	Increased ecological resource variability during a critical transition in hominin evolution. <i>Science Advances</i> , 2020, 6, .	10.3	68
21	The Pleistocene prehistory of the Lake Victoria basin. <i>Quaternary International</i> , 2016, 404, 100-114.	1.5	65
22	An early colonisation pathway into northwest Australia 70-60,000 years ago. <i>Quaternary Science Reviews</i> , 2018, 180, 229-239.	3.0	61
23	A global environmental crisis 42,000 years ago. <i>Science</i> , 2021, 371, 811-818.	12.6	61
24	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
25	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
26	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
27	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
28	Plio-Pleistocene decline of African megaherbivores: No evidence for ancient hominin impacts. <i>Science</i> , 2018, 362, 938-941.	12.6	57
29	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
30	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
31	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
32	Distal tephras 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
33	The measurement of taxonomic evenness in zooarchaeology. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1419-1428.	1.8	53
34	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
35	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
36	Late Pleistocene artefacts and fauna from Rusinga and Mfangano islands, Lake Victoria, Kenya. <i>Azania</i> , 2012, 47, 14-38.	0.9	48

#	ARTICLE	IF	CITATIONS
37	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
38	Climatic controls on Later Stone Age human adaptation in Africa's southern Cape. <i>Journal of Human Evolution</i> , 2018, 114, 35-44.	2.6	47
39	The fossil history of <i>Gorilla's zebra</i> (<i>Equus grevyi</i>) in equatorial East Africa. <i>Journal of Biogeography</i> , 2013, 40, 359-369.	3.0	46
40	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
41	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
42	Rethinking the ecological drivers of hominin evolution. <i>Trends in Ecology and Evolution</i> , 2021, 36, 797-807.	8.7	41
43	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
44	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
45	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
46	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
47	The past, present, and future of herbivore impacts on savanna vegetation. <i>Journal of Ecology</i> , 2021, 109, 2804-2822.	4.0	36
48	Reorganization of surviving mammal communities after the end-Pleistocene megafaunal extinction. <i>Science</i> , 2019, 365, 1305-1308.	12.6	33
49	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
50	Global response of fire activity to late Quaternary grazer extinctions. <i>Science</i> , 2021, 374, 1145-1148.	12.6	32
51	Changes in reindeer body part representation at Grotte XVI, Dordogne, France. <i>Journal of Archaeological Science</i> , 2007, 34, 2003-2011.	2.4	31
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Revisiting the late Pleistocene mammal extinction record at Tight Entrance Cave, southwestern Australia. <i>Quaternary Research</i> , 2011, 76, 397-400.	1.7	26
57	Fossil evidence for seasonal calving and migration of extinct blue antelope (<i>Hippotragus</i>) in the southern Cape Floristic Region. <i>Journal of Quaternary Science</i> , 2017, 32, 760-769.	3.0	26
58	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
59	Late Quaternary micromammals and the precipitation history of the southern Cape, South Africa. <i>Quaternary Research</i> , 2019, 91, 848-860.	1.7	26
60	Investigating Biotic Interactions in Deep Time. <i>Trends in Ecology and Evolution</i> , 2021, 36, 61-75.	8.7	26
61	Rapid Pleistocene desiccation and the future of Africa's Lake Victoria. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115883.	4.4	25
62	Conservation Implications of Fossil Roan Antelope (<i>Hippotragus equinus</i>) in Southern Africa's Cape Floristic Region. <i>Journal of Quaternary Science</i> , 2012, 27, 239-251.		24
63	Large mammal species richness and late Quaternary precipitation change in southwestern Australia. <i>Journal of Quaternary Science</i> , 2017, 32, 760-769.	2.1	23
64	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
65	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
66	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
67	Evaluating the potential for tactical hunting in the Middle Stone Age: Insights from a bonebed of the extinct bovid, <i>Rusingoryx atopocranion</i> . <i>Journal of Human Evolution</i> , 2017, 108, 72-91.	2.6	19
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	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
70	Unexpected Convergent Evolution of Nasal Domes between Pleistocene Bovids and Cretaceous Hadrosaur Dinosaurs. <i>Current Biology</i> , 2016, 26, 503-508.	3.9	18
71	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
72	²³⁰ Th/ ^U burial dating of ostrich eggshell. <i>Quaternary Science Reviews</i> , 2019, 219, 263-276.	3.0	16

#	ARTICLE	IF	CITATIONS
73	Climate and ecology of the palaeo-Agulhas Plain from stable carbon and oxygen isotopes in bovid tooth enamel from Nelson Bay Cave, South Africa. <i>Quaternary Science Reviews</i> , 2020, 235, 105974.	3.0	15
74	The uncertain case for human-driven extinctions prior to <i>Homo sapiens</i> . <i>Quaternary Research</i> , 2020, 96, 88-104.	1.7	15
75	Identifying the accumulator: Making the most of bone surface modification data. <i>Journal of Archaeological Science</i> , 2017, 85, 105-113.	2.4	14
76	Paleoenvironmental change in the late Middle Pleistocene–Holocene Kibish Formation, southern Ethiopia: Evidence from ungulate isotopic ecology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 450, 50-59.	2.3	13
77	Lithic miniaturization as adaptive strategy: a case study from Boomplaas Cave, South Africa. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	12
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	Micro Methods for Megafauna: Novel Approaches to Late Quaternary Extinctions and Their Contributions to Faunal Conservation in the Anthropocene. <i>BioScience</i> , 2019, 69, 877-887.	4.9	11
80	Late Pleistocene Mammals from Kibogo, Kenya: Systematic Paleontology, Paleoenvironments, and Non-Analog Associations. <i>Journal of Vertebrate Paleontology</i> , 2020, 40, e1841781.	1.0	11
81	Ecosystem engineering in the Quaternary of the West Coast of South Africa. <i>Evolutionary Anthropology</i> , 2021, 30, 50-62.	3.4	11
82	Determining the geochemical variability of fine-grained basalt sources/quarries for facilitating prehistoric interaction studies in Polynesia. <i>Archaeology in Oceania</i> , 2016, 51, 158-167.	0.7	10
83	Carbon, nitrogen, and oxygen isotopes of ostrich eggshells provide site-scale Pleistocene-Holocene paleoenvironmental records for eastern African archaeological sites. <i>Quaternary Science Reviews</i> , 2020, 230, 106142.	3.0	10
84	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
85	Seasonal strategies differ between tropical and extratropical herbivores. <i>Journal of Animal Ecology</i> , 2022, 91, 681-692.	2.8	10
86	Explaining changing patterns of wood presence across the Bronze and Iron Age at Kaman-Kaleh, central Anatolia. <i>Quaternary International</i> , 2017, 431, 90-102.	1.5	9
87	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
88	Addressing the effects of sampling on ecometric-based paleoenvironmental reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 528, 175-185.	2.3	9
89	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
90	Fire and human management of late Holocene ecosystems in southern Africa. <i>Quaternary Science Reviews</i> , 2022, 289, 107600.	3.0	9

#	ARTICLE	IF	CITATIONS
91	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
92	Quaternary diatoms and palaeoenvironments of the Koora Plain, southern Kenya rift. <i>Quaternary Science Reviews</i> , 2021, 267, 107106.	3.0	7
93	Late quaternary biotic homogenization of North American mammalian faunas. <i>Nature Communications</i> , 2022, 13, .	12.8	7
94	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
95	A Late Pleistocene human humerus from Rusinga Island, Lake Victoria, Kenya. <i>Journal of Human Evolution</i> , 2020, 146, 102855.	2.6	5
96	Ecomorphology and ecology of the grassland specialist, Rusingoryx atopocranium (Artiodactyla): Tj ETQq0 0 0 rgBT /Qverlock_10 Tf 50 5	1.7	5
97	First appearance of CrÃ©vyâ€™s zebra (<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
98	Observations on graphing paleozoological data: Suggestions for better graphs. <i>Geobios</i> , 2018, 51, 435-451.	1.4	4
99	Ecometrics and the paleoecological implications of Pleistocene faunas from the western coastal plains of the Cape Floristic Region, South Africa. <i>Journal of Quaternary Science</i> , 2020, 35, 1007-1020.	2.1	3
100	Late Quaternary micromammals and the precipitation history of the southern Cape, South Africa: response to comments by F. Thackeray, <i>Quaternary Research</i> 95, 154â€™156. <i>Quaternary Research</i> , 2020, 95, 157-159.	1.7	3
101	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
102	We need to critically evaluate our assumptions: Reply to. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 506, 252-253.	2.3	2
103	Low-Survival Skeletal Elements Track Attrition, Not Carcass Transport Behavior in Quaternary Large Mammal Assemblages. , 2018, , 109-126.		2
104	Response to Comment on â€œA global environmental crisis 42,000 years agoâ€• <i>Science</i> , 2021, 374, eabi9756.	12.6	2
105	Did vegetation change drive the extinction of <i>Paranthropus boisei</i> ?. <i>Journal of Human Evolution</i> , 2022, 173, 103154.	2.6	2
106	Lyons et al. reply. <i>Nature</i> , 2016, 538, E3-E4.	27.8	1
107	Fundamentals of Ecology and Biogeography. , 2019, , 12-47.		1
108	Transfer Functions and Quantitative Paleoenvironmental Reconstruction. , 2019, , 234-265.		1

#	ARTICLE	IF	CITATIONS
109	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
110	Reply to Weihmann: Fifty gazelles do not equal an elephant, and other ecological misunderstandings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3370-3371.	7.1	1
111	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
112	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
113	Unexpected Convergent Evolution of Nasal Domes between Pleistocene Bovids and Cretaceous Hadrosaur Dinosaurs. <i>Current Biology</i> , 2016, 26, 556.	3.9	0
114	Lyons et al. reply. <i>Nature</i> , 2016, 537, E5-E6.	27.8	0
115	Why a Book on Paleoenvironmental Reconstruction from Faunal Remains?. , 2019, , 1-11.		0
116	Analytical Assumptions. , 2019, , 48-76.		0
117	Background of Select Paleozoological Samples. , 2019, , 77-91.		0
118	Environmental Reconstructions Based on the Presence/Absence of Taxa. , 2019, , 92-122.		0
119	Environmental Reconstruction Based on Taxonomic Abundances. , 2019, , 123-154.		0
120	Taxon-Free Techniques. , 2019, , 155-196.		0
121	Environmental Inferences Based on Taxonomic Diversity. , 2019, , 197-233.		0
122	Size Clines as Paleoenvironmental Indicators. , 2019, , 266-300.		0
123	Some Final Thoughts. , 2019, , 301-310.		0
124	North American Terminal Pleistocene Extinctions: Current Views. , 2020, , 7941-7950.		0
125	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , 2021, 374, eabh3655.	12.6	0
126	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