

Lars Werdelin

List of Publications by Year in descending order

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85
papers

2,640
citations

186209

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docs citations

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2192
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital endocasts from two late Eocene carnivores shed light on the evolution of the brain at the origin of Carnivora. <i>Papers in Palaeontology</i> , 2022, 8, .	0.7	0
2	Early Pleistocene large mammals from Makalambitalu, Hadar, lower Awash Valley, Ethiopia. <i>PeerJ</i> , 2022, 10, e13210.	0.9	4
3	A dwarf sabertooth cat (Felidae: Machairodontinae) from Shanxi, China, and the phylogeny of the sabertooth tribe Machairodontini. <i>Quaternary Science Reviews</i> , 2022, 284, 107517.	1.4	8
4	Ecological Specialization and Evolutionary Reticulation in Extant Hyaenidae. <i>Molecular Biology and Evolution</i> , 2021, 38, 3884-3897.	3.5	15
5	A genomic exploration of the early evolution of extant cats and their sabre-toothed relatives. <i>Open Research Europe</i> , 2021, 1, 25.	2.0	2
6	First small-sized Dinofelis: Evidence from the Plio-Pleistocene of North Africa. <i>Quaternary Science Reviews</i> , 2021, 265, 107028.	1.4	8
7	CarniFOSS: A database of the body mass of fossil carnivores. <i>Global Ecology and Biogeography</i> , 2021, 30, 1958-1964.	2.7	5
8	A contextual review of the Carnivora of Kanapoi. <i>Journal of Human Evolution</i> , 2020, 140, 102334.	1.3	8
9	Early Pleistocene fauna of the OlteÅ River Valley of Romania: Biochronological and biogeographic implications. <i>Quaternary International</i> , 2020, 553, 14-33.	0.7	15
10	Hyena paleogenomes reveal a complex evolutionary history of cross-continental gene flow between spotted and cave hyena. <i>Science Advances</i> , 2020, 6, eaay0456.	4.7	38
11	Brain expansion in early hominins predicts carnivore extinctions in East Africa. <i>Ecology Letters</i> , 2020, 23, 537-544.	3.0	26
12	Stéphane Peign� (1973-2017) â€“ N�crologie. <i>Geodiversitas</i> , 2020, 42, 327.	0.2	0
13	The brain anatomy of an early Miocene felid from Ginn Quarry (Nebraska, USA). <i>Palaontologische Zeitschrift</i> , 2019, 93, 345-355.	0.8	4
14	Middle Miocene Carnivora and Hyaenodonta from Fort Ternan, western Kenya. <i>Geodiversitas</i> , 2019, 41, 267.	0.2	10
15	Paleoecology of the Serengeti during the Oldowan-Acheulean transition at Olduvai Gorge, Tanzania: The mammal and fish evidence. <i>Journal of Human Evolution</i> , 2018, 120, 48-75.	1.3	36
16	Gigantic lion, <i>Panthera leo</i> , from the Pleistocene of Natodomeri, eastern Africa. <i>Journal of Paleontology</i> , 2018, 92, 305-312.	0.5	3
17	The Casa del Diablo cave (Puno, Peru) and the late Pleistocene demise of megafauna in the Andean Altiplano. <i>Quaternary Science Reviews</i> , 2018, 195, 21-31.	1.4	17
18	Evolution of South American Mammalian Predators during the Cenozoic: Paleobiogeographic and Paleoenvironmental Contingencies Evolution of South American Mammalian Predators during The Cenozoic: Paleobiogeographic and Paleoenvironmental Contingencies. Francisco J. Prevosti and Anal�a M. Forasiepi. Springer Nature, 196 pp, ISBN 978-3-319-03700-4.. <i>Ameghiniana</i> , 2018, 55, 363-364.	0.3	0

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19	A New Skull of <i>Hyaenictis Gaudry, 1861</i> (Carnivora, Hyaenidae) Shows Incipient Adaptations to Durophagy. <i>Journal of Mammalian Evolution</i> , 2017, 24, 207-219.	1.0	7
20	Fossil Hyaenidae from Cooper's Cave, South Africa, and the palaeoenvironmental implications. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2017, 97, 355-365.	0.6	20
21	The carnivore guild circa 1.98 million years: biodiversity and implications for the palaeoenvironment at Malapa, South Africa. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2016, 96, 611-616.	0.6	6
22	An ecometric analysis of the fossil mammal record of the Turkana Basin. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150232.	1.8	80
23	Carnivoran postcranial adaptations and their relationships to climate. <i>Ecography</i> , 2016, 39, 553-560.	2.1	9
24	Late Pliocene fossiliferous sedimentary record and the environmental context of early <i>Homo</i> from Afar, Ethiopia. <i>Science</i> , 2015, 347, 1355-1359.	6.0	68
25	A critical review of African species of <i>Ucyon</i> (<i>Mammalia</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 227	0.7	8
26	Revealing the maternal demographic history of <i>Panthera leo</i> using ancient DNA and a spatially explicit genealogical analysis. <i>BMC Evolutionary Biology</i> , 2014, 14, 70.	3.2	57
27	Pleistocene Chinese cave hyenas and the recent Eurasian history of the spotted hyena, <i>Crocota crocuta</i> . <i>Molecular Ecology</i> , 2014, 23, 522-533.	2.0	29
28	Mid-Pliocene Carnivora from the Woranso-Mille Area, Afar Region, Ethiopia. <i>Journal of Mammalian Evolution</i> , 2014, 21, 331-347.	1.0	12
29	Carnivoran Ecomorphology: Patterns below the Family Level. <i>Annales Zoologici Fennici</i> , 2014, 51, 259-268.	0.2	8
30	The Role of Carnivores in Grassland Ecosystem Evolution and Community Regulation. <i>The Paleontological Society Special Publications</i> , 2014, 13, 137-138.	0.0	0
31	A new species of fox from the <i>Australopithecus sediba</i> type locality, Malapa, South Africa. <i>Transactions of the Royal Society of South Africa</i> , 2013, 68, 1-9.	0.8	20
32	Locating Specimens of Extinct Tiger (<i>Panthera tigris</i>) Subspecies: Javan Tiger (<i>P. T.</i>) Previously Unpublished Specimens. <i>Mammal Study</i> , 2013, 38, 187-198.	0.2	10
33	Temporal Change in Functional Richness and Evenness in the Eastern African Plio-Pleistocene Carnivoran Guild. <i>PLoS ONE</i> , 2013, 8, e57944.	1.1	78
34	The taxonomic identity of the type specimen of <i>Crocota sivalensis</i> (Falconer, 1867). <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 1453-1456.	0.4	7
35	Carnivora from the Kanapoi hominin site, northern Kenya. <i>Journal of African Earth Sciences</i> , 2012, 64, 1-8.	0.9	19
36	Carnivora. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2011, , 189-232.	0.1	23

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37	Sabretoothed Carnivores and the Killing of Large Prey. PLoS ONE, 2011, 6, e24971.	1.1	36
38	Carnivoran Remains from the Malapa Hominin Site, South Africa. PLoS ONE, 2011, 6, e26940.	1.1	26
39	The Plio-Pleistocene ancestor of wild dogs, <i>Lycaon sekowei</i> n. sp.. Journal of Paleontology, 2010, 84, 299-308.	0.5	46
40	The last amphicyonid (Mammalia, Carnivora) in Africa. Geodiversitas, 2009, 31, 775-787.	0.2	11
41	New species of <i>Crocota</i> from the early Pliocene of Kenya, with an overview of early Pliocene hyenas of eastern Africa. Journal of Vertebrate Paleontology, 2008, 28, 1162-1170.	0.4	20
42	Taxonomy and evolutionary patterns in the fossil Hyaenidae of Europe. Geobios, 2008, 41, 677-687.	0.7	77
43	Biogeographic relationships of African carnivoran faunas, 7–1.2Ma. Comptes Rendus - Palevol, 2008, 7, 645-656.	0.1	6
44	Additional material of the enigmatic Early Miocene mammal <i>Kelba</i> and its relationship to the order Ptolemaida. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5510-5515.	3.3	21
45	The spread of grass-dominated habitats in Turkey and surrounding areas during the Cenozoic: Phytolith evidence. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 250, 18-49.	1.0	195
46	A peculiar climbing Megalonychidae from the Pleistocene of Peru and its implication for sloth history. Zoological Journal of the Linnean Society, 2007, 149, 179-235.	1.0	79
47	The Origin and Evolution of Mammals. Acta Zoologica, 2007, 88, 179-180.	0.6	1
48	Too well restored? The case of the Megantereon skull from Senze. Lethaia, 2007, 31, 158-160.	0.6	2
49	The "Homotherium" from Langebaanweg, South Africa and the Origin of Homotherium. Palaeontographica, Abteilung A: Palaeozoologie - Stratigraphie, 2006, 277, 123-130.	1.5	24
50	Plio-Pleistocene Carnivora of eastern Africa: species richness and turnover patterns. Zoological Journal of the Linnean Society, 2005, 144, 121-144.	1.0	170
51	Evolution of the mane and group-living in the lion (<i>Panthera leo</i>): a review. Journal of Zoology, 2004, 263, 329-342.	0.8	76
52	Carnivora from the Kanapoi hominid site, Turkana Basin, northern Kenya. Contributions in Science, 2003, 498, 115-132.	0.3	24
53	Species identification in Megantereon: A reply to Palmqvist. Journal of Paleontology, 2002, 76, 931-933.	0.5	12
54	A revision of the genus <i>Dinofelis</i> (Mammalia, Felidae). Zoological Journal of the Linnean Society, 2001, 132, 147-258.	1.0	102

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55	CARNIVORA FROM THE SOUTH TURKWEL HOMINID SITE, NORTHERN KENYA. <i>Journal of Paleontology</i> , 2000, 74, 1173-1180.	0.5	44
56	<i>Pachycrocuta</i> (hyaenids) from the Pliocene of east Africa. <i>Palaontologische Zeitschrift</i> , 1999, 73, 157-165.	0.8	30
57	Studies of fossil hyaenas: affinities of <i>Kretzoi</i> from Pestlőc, Hungary. <i>Zoological Journal of the Linnean Society</i> , 1999, 126, 307-317.	1.0	7
58	The Evolution of the Scrotum and Testicular Descent in Mammals: a Phylogenetic View. <i>Journal of Theoretical Biology</i> , 1999, 196, 61-72.	0.8	84
59	Brown hyena (<i>Parahyaena brunnea</i>) from the Pleistocene of Kenya. <i>Journal of Vertebrate Paleontology</i> , 1997, 17, 758-761.	0.4	7
60	How the leopard got its spots: a phylogenetic view of the evolution of felid coat patterns. <i>Biological Journal of the Linnean Society</i> , 1997, 62, 383-400.	0.7	30
61	Community-wide character displacement in Miocene hyaenas. <i>Lethaia</i> , 1996, 29, 97-106.	0.6	28
62	Lothagam: a record of faunal change in the late Miocene of East Africa. <i>Journal of Vertebrate Paleontology</i> , 1996, 16, 556-570.	0.4	130
63	A comparison of two methods to study correlated discrete characters on phylogenetic trees. <i>Cladistics</i> , 1995, 11, 265-277.	1.5	11
64	Studies of fossil hyaenids: the genera <i>Hyaenictis</i> Gaudry and <i>Chasmaporthetes</i> Hay, with a reconsideration of the Hyaenidae of Langebaanweg, South Africa. <i>Zoological Journal of the Linnean Society</i> , 1994, 111, 197-217.	1.0	52
65	Paleontological patterns. <i>Lethaia</i> , 1994, 27, 110-110.	0.6	0
66	Phylogenies, fossils and evolutionary studies. <i>Quaternary International</i> , 1993, 19, 109-116.	0.7	3
67	TWO dog-tooth. <i>Lethaia</i> , 1991, 24, 408-408.	0.6	0
68	⁸⁷ Sr/ ⁸⁶ Sr, Na, F, Sr, and La in skeletal fish debris as a measure of the paleosalinity of fossil-fish habitats. <i>Bulletin of the Geological Society of America</i> , 1991, 103, 786-794.	1.6	94
69	THE PHYLOGENY AND EVOLUTION OF SOME PHACOPOID TRILOBITES. <i>Cladistics</i> , 1991, 7, 29-74.	1.5	47
70	Studies of fossil hyaenids: the genus <i>Adcrocuta</i> Kretzoi and the interrelationships of some hyaenid taxa. <i>Zoological Journal of the Linnean Society</i> , 1990, 98, 363-386.	1.0	26
71	Relationships between North and South American <i>Smilodon</i> . <i>Journal of Vertebrate Paleontology</i> , 1990, 10, 158-169.	0.4	41
72	WE ARE NOT OUT OF THE WOODS YET – A report from a Nobel Symposium. <i>Cladistics</i> , 1989, 5, 192-200.	1.5	11

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73	A classic compilation. <i>Lethaia</i> , 1989, 22, 300-300.	0.6	0
74	The Whales of August. <i>Lethaia</i> , 1989, 22, 316-316.	0.6	0
75	Constraint and adaptation in the bone-cracking canid <i>Osteoborus</i> (Mammalia: Canidae). <i>Paleobiology</i> , 1989, 15, 387-401.	1.3	105
76	Studies of fossil hyaenas: the genera <i>Thalassictis</i> Gervais ex Nordmann, <i>Palhyaena</i> Gervais, <i>Hyaenictitherium</i> Kretzoi, <i>Lycyaena</i> Hensel and <i>Palinhyaena</i> Qiu, Huang & Guo. <i>Zoological Journal of the Linnean Society</i> , 1988, 92, 211-265.	1.0	31
77	Studies of fossil hyaenids: the genera <i>Ictitherium</i> Roth & Wagner and <i>Sinictitherium</i> Kretzoi and a new species of <i>Ictitherium</i> . <i>Zoological Journal of the Linnean Society</i> , 1988, 93, 93-105.	1.0	11
78	A review of the genus <i>Chasmaporthetes</i> Hay, 1921 (Carnivora, Hyaenidae). <i>Journal of Vertebrate Paleontology</i> , 1988, 8, 46-66.	0.4	50
79	Supernumerary teeth in <i>Lynx lynx</i> and the irreversibility of evolution. <i>Journal of Zoology</i> , 1987, 211, 259-266.	0.8	36
80	Jaw geometry and molar morphology in marsupial carnivores: analysis of a constraint and its macroevolutionary consequences. <i>Paleobiology</i> , 1987, 13, 342-350.	1.3	92
81	Allometry in the placoderm <i>Bothriolepis canadensis</i> and its significance to antiarch evolution. <i>Lethaia</i> , 1986, 19, 161-169.	0.6	38
82	A new chimaeroid fish from the Cretaceous of Lebanon. <i>Geobios</i> , 1986, 19, 393-399.	0.7	4
83	Small Pleistocene felines of North America. <i>Journal of Vertebrate Paleontology</i> , 1985, 5, 194-210.	0.4	37
84	Testing for ecophenotypic variation in a benthic foraminifer. <i>Lethaia</i> , 1983, 16, 303-307.	0.6	1
85	How many hyenas in North America? A quantitative perspective. <i>Journal of Vertebrate Paleontology</i> , 0, , .	0.4	2