

# Lars Werdelin

## List of Publications by Year in descending order

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85  
papers

2,640  
citations

186209

28  
h-index

206029

48  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	The spread of grass-dominated habitats in Turkey and surrounding areas during the Cenozoic: Phytolith evidence. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 250, 18-49.	1.0	195
2	Plio-Pleistocene Carnivora of eastern Africa: species richness and turnover patterns. <i>Zoological Journal of the Linnean Society</i> , 2005, 144, 121-144.	1.0	170
3	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
4	Constraint and adaptation in the bone-cracking canid <i>Osteoborus</i> (Mammalia: Canidae). <i>Paleobiology</i> , 1989, 15, 387-401.	1.3	105
5	A revision of the genus <i>Dinofelis</i> (Mammalia, Felidae). <i>Zoological Journal of the Linnean Society</i> , 2001, 132, 147-258.	1.0	102
6	<sup>87</sup> Sr/ <sup>86</sup> 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
7	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
8	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
9	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
10	A peculiar climbing Megalonychidae from the Pleistocene of Peru and its implication for sloth history. <i>Zoological Journal of the Linnean Society</i> , 2007, 149, 179-235.	1.0	79
11	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
12	Taxonomy and evolutionary patterns in the fossil Hyaenidae of Europe. <i>Geobios</i> , 2008, 41, 677-687.	0.7	77
13	Evolution of the mane and group-living in the lion ( <i>Panthera leo</i> ): a review. <i>Journal of Zoology</i> , 2004, 263, 329-342.	0.8	76
14	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
15	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
16	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
17	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
18	THE PHYLOGENY AND EVOLUTION OF SOME PHACOPOID TRILOBITES. <i>Cladistics</i> , 1991, 7, 29-74.	1.5	47

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19	The Plio-Pleistocene ancestor of wild dogs, <i>Lycaon sekowei</i> n. sp.. Journal of Paleontology, 2010, 84, 299-308.	0.5	46
20	CARNIVORA FROM THE SOUTH TURKWEL HOMINID SITE, NORTHERN KENYA. Journal of Paleontology, 2000, 74, 1173-1180.	0.5	44
21	Relationships between North and South American <i>Smilodon</i> . Journal of Vertebrate Paleontology, 1990, 10, 158-169.	0.4	41
22	Allometry in the placoderm <i>Bothriolepis canadensis</i> and its significance to antiarch evolution. Lethaia, 1986, 19, 161-169.	0.6	38
23	Hyena paleogenomes reveal a complex evolutionary history of cross-continental gene flow between spotted and cave hyena. Science Advances, 2020, 6, eaay0456.	4.7	38
24	Small Pleistocene felines of North America. Journal of Vertebrate Paleontology, 1985, 5, 194-210.	0.4	37
25	Supernumerary teeth in <i>Lynx lynx</i> and the irreversibility of evolution. Journal of Zoology, 1987, 211, 259-266.	0.8	36
26	Sabretoothed Carnivores and the Killing of Large Prey. PLoS ONE, 2011, 6, e24971.	1.1	36
27	Paleoecology of the Serengeti during the Oldowan-Acheulean transition at Olduvai Gorge, Tanzania: The mammal and fish evidence. Journal of Human Evolution, 2018, 120, 48-75.	1.3	36
28	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. Zoological Journal of the Linnean Society, 1988, 92, 211-265.	1.0	31
29	How the leopard got its spots: a phylogenetic view of the evolution of felid coat patterns. Biological Journal of the Linnean Society, 1997, 62, 383-400.	0.7	30
30	<i>Pachycrocuta</i> (hyaenids) from the Pliocene of east Africa. Palaontologische Zeitschrift, 1999, 73, 157-165.	0.8	30
31	Pleistocene Chinese cave hyenas and the recent Eurasian history of the spotted hyena, <i>Pachycrocuta crocuta</i> . Molecular Ecology, 2014, 23, 522-533.	2.0	29
32	Community-wide character displacement in Miocene hyaenas. Lethaia, 1996, 29, 97-106.	0.6	28
33	Studies of fossil hyaenids: the genus <i>Adcrocuta</i> Kretzoi and the interrelationships of some hyaenid taxa. Zoological Journal of the Linnean Society, 1990, 98, 363-386.	1.0	26
34	Brain expansion in early hominins predicts carnivore extinctions in East Africa. Ecology Letters, 2020, 23, 537-544.	3.0	26
35	Carnivoran Remains from the Malapa Hominin Site, South Africa. PLoS ONE, 2011, 6, e26940.	1.1	26
36	Carnivora from the Kanapoi hominid site, Turkana Basin, northern Kenya. Contributions in Science, 2003, 498, 115-132.	0.3	24

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37	The "Homotherium" from Langebaanweg, South Africa and the Origin of Homotherium. <i>Palaeontographica, Abteilung A: Palaeozoologie - Stratigraphie</i> , 2006, 277, 123-130.	1.5	24
38	Carnivora. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2011, , 189-232.	0.1	23
39	Additional material of the enigmatic Early Miocene mammal <i>Kelba</i> and its relationship to the order Ptolemaida. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5510-5515.	3.3	21
40	New species of <i>Crocota</i> from the early Pliocene of Kenya, with an overview of early Pliocene hyenas of eastern Africa. <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 1162-1170.	0.4	20
41	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
42	Fossil Hyaenidae from Cooper's Cave, South Africa, and the palaeoenvironmental implications. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2017, 97, 355-365.	0.6	20
43	Carnivora from the Kanapoi hominin site, northern Kenya. <i>Journal of African Earth Sciences</i> , 2012, 64, 1-8.	0.9	19
44	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
45	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
46	Ecological Specialization and Evolutionary Reticulation in Extant Hyaenidae. <i>Molecular Biology and Evolution</i> , 2021, 38, 3884-3897.	3.5	15
47	Species identification in <i>Megantereon</i> : A reply to Palmqvist. <i>Journal of Paleontology</i> , 2002, 76, 931-933.	0.5	12
48	Mid-Pliocene Carnivora from the Woranso-Mille Area, Afar Region, Ethiopia. <i>Journal of Mammalian Evolution</i> , 2014, 21, 331-347.	1.0	12
49	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
50	WE ARE NOT OUT OF THE WOODS YET" A report from a Nobel Symposium. <i>Cladistics</i> , 1989, 5, 192-200.	1.5	11
51	A comparison of two methods to study correlated discrete characters on phylogenetic trees. <i>Cladistics</i> , 1995, 11, 265-277.	1.5	11
52	The last amphicyonid (Mammalia, Carnivora) in Africa. <i>Geodiversitas</i> , 2009, 31, 775-787.	0.2	11
53	Locating Specimens of Extinct Tiger ( <i>Panthera tigris</i> ) Subspecies: Javan Tiger ( <i>P. T.</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Previously Unpublished Specimens. <i>Mammal Study</i> , 2013, 38, 187-198.	0.2	10
54	Middle Miocene Carnivora and Hyaenodonta from Fort Ternan, western Kenya. <i>Geodiversitas</i> , 2019, 41, 267.	0.2	10

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55	Carnivoran postcranial adaptations and their relationships to climate. <i>Ecography</i> , 2016, 39, 553-560.	2.1	9
56	Carnivoran Ecomorphology: Patterns below the Family Level. <i>Annales Zoologici Fennici</i> , 2014, 51, 259-268.	0.2	8
57	A critical review of African species of <i>Urocyon</i> (Mammalia); <i>Tj ETQq1 1 0.784314 rgBT /O</i> <i>W</i> oransoâ€ <i>M</i> ille <i>A</i> rea, <i>A</i> far <i>R</i> egion, <i>E</i> thiopia. <i>Papers in Palaeontology</i> , 2015, 1, 33-40.	0.7	8
58	A contextual review of the Carnivora of Kanapoi. <i>Journal of Human Evolution</i> , 2020, 140, 102334.	1.3	8
59	First small-sized <i>Dinofelis</i> : Evidence from the Plio-Pleistocene of North Africa. <i>Quaternary Science Reviews</i> , 2021, 265, 107028.	1.4	8
60	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
61	Brown hyena ( <i>Parahyaena brunnea</i> ) from the Pleistocene of Kenya. <i>Journal of Vertebrate Paleontology</i> , 1997, 17, 758-761.	0.4	7
62	Studies of fossil hyaenas: affinities of <i>Kretzoi</i> from Pestlî½rinc, Hungary. <i>Zoological Journal of the Linnean Society</i> , 1999, 126, 307-317.	1.0	7
63	The taxonomic identity of the type specimen of <i>Crocuta sivalensis</i> (Falconer, 1867). <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 1453-1456.	0.4	7
64	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
65	Biogeographic relationships of African carnivoran faunas, 7â€“1.2Ma. <i>Comptes Rendus - Palevol</i> , 2008, 7, 645-656.	0.1	6
66	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
67	CarniFOSS: A database of the body mass of fossil carnivores. <i>Global Ecology and Biogeography</i> , 2021, 30, 1958-1964.	2.7	5
68	A new chimaeroid fish from the Cretaceous of Lebanon. <i>Geobios</i> , 1986, 19, 393-399.	0.7	4
69	The brain anatomy of an early Miocene felid from Ginn Quarry (Nebraska, USA). <i>Palaontologische Zeitschrift</i> , 2019, 93, 345-355.	0.8	4
70	Early Pleistocene large mammals from Makâ€™amitalu, Hadar, lower Awash Valley, Ethiopia. <i>PeerJ</i> , 2022, 10, e13210.	0.9	4
71	Phylogenies, fossils and evolutionary studies. <i>Quaternary International</i> , 1993, 19, 109-116.	0.7	3
72	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

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73	Too well restored? The case of the Megantereon skull from SenÅze. <i>Lethaia</i> , 2007, 31, 158-160.	0.6	2
74	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
75	How many hyenas in North America? A quantitative perspective. <i>Journal of Vertebrate Paleontology</i> , 0, , .	0.4	2
76	The Origin and Evolution of Mammals. <i>Acta Zoologica</i> , 2007, 88, 179-180.	0.6	1
77	Testing for ecophenotypic variation in a benthic foraminifer. <i>Lethaia</i> , 1983, 16, 303-307.	0.6	1
78	A classic compilation. <i>Lethaia</i> , 1989, 22, 300-300.	0.6	0
79	The Whales of August. <i>Lethaia</i> , 1989, 22, 316-316.	0.6	0
80	TWO dog-tooth. <i>Lethaia</i> , 1991, 24, 408-408.	0.6	0
81	Paleontological patterns. <i>Lethaia</i> , 1994, 27, 110-110.	0.6	0
82	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 Analia M. Forasiepi. Springer Nature, 196 pp, ISBN 978-3-319-03700-4.. <i>Ameghiniana</i> , 2018, 55, 363-364.	0.3	0
83	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
84	StÅphane PeignÅ© (1973-2017) â€“ NÅ©rologie. <i>Geodiversitas</i> , 2020, 42, 327.	0.2	0
85	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