

Eline D Lorenzen

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

4,014
citations

236925

25
h-index

214800

47
g-index

56
all docs

56
docs citations

56
times ranked

6887
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the role of reference genome phylogenetic distance on evolutionary inference. <i>Molecular Ecology Resources</i> , 2022, 22, 45-55.	4.8	28
2	Diet and environment of <i>Mylodon darwinii</i> based on pollen of a Late-Glacial coprolite from the Mylodon Cave in southern Chile. <i>Review of Palaeobotany and Palynology</i> , 2022, 296, 104549.	1.5	3
3	High genomic diversity in the endangered East Greenland Svalbard Barents Sea stock of bowhead whales (<i>Balaena mysticetus</i>). <i>Scientific Reports</i> , 2022, 12, 6118.	3.3	2
4	Faster ocean warming threatens richest areas of marine biodiversity. <i>Global Change Biology</i> , 2022, 28, 5849-5858.	9.5	2
5	Unraveling elephant-shrews: Phylogenetic relationships and unexpected introgression among giant sengis. <i>Molecular Phylogenetics and Evolution</i> , 2021, 154, 107001.	2.7	1
6	Population-specific sex and size variation in long-term foraging ecology of belugas and narwhals. <i>Royal Society Open Science</i> , 2021, 8, 202226.	2.4	21
7	Ocean-wide genomic variation in Gray's beaked whales, <i>Mesoplodon grayi</i> . <i>Royal Society Open Science</i> , 2021, 8, 201788.	2.4	11
8	Circumpolar phylogeography and demographic history of beluga whales reflect past climatic fluctuations. <i>Molecular Ecology</i> , 2021, 30, 2543-2559.	3.9	12
9	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
10	Late Pleistocene paleoecology and phylogeography of woolly rhinoceroses. <i>Quaternary Science Reviews</i> , 2021, 263, 106993.	3.0	18
11	A Genetic Perspective on Cetacean Evolution. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 131-151.	8.3	8
12	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021, 184, 4874-4885.e16.	28.9	49
13	Analyses of key genes involved in Arctic adaptation in polar bears suggest selection on both standing variation and de novo mutations played an important role. <i>BMC Genomics</i> , 2020, 21, 543.	2.8	3
14	Pre-extinction Demographic Stability and Genomic Signatures of Adaptation in the Woolly Rhinoceros. <i>Current Biology</i> , 2020, 30, 3871-3879.e7.	3.9	41
15	Inference of natural selection from ancient DNA. <i>Evolution Letters</i> , 2020, 4, 94-108.	3.3	58
16	Influence of past climate change on phylogeography and demographic history of narwhals, <i>Monodon monoceros</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192964.	2.6	39
17	Genomic analyses reveal an absence of contemporary introgressive admixture between fin whales and blue whales, despite known hybrids. <i>PLoS ONE</i> , 2019, 14, e0222004.	2.5	15
18	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

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19	Hybridization between two high Arctic cetaceans confirmed by genomic analysis. <i>Scientific Reports</i> , 2019, 9, 7729.	3.3	33
20	Narwhal Genome Reveals Long-Term Low Genetic Diversity despite Current Large Abundance Size. <i>IScience</i> , 2019, 15, 592-599.	4.1	49
21	Evolutionary history and palaeoecology of brown bear in North-East Siberia re-examined using ancient DNA and stable isotopes from skeletal remains. <i>Scientific Reports</i> , 2019, 9, 4462.	3.3	29
22	Population genetic structure of the intertidal kinorhynch <i>Echinoderes marthae</i> (Kinorhyncha). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Society of Washington</i> , 2018, 131, 36-46.	0.3	4
23	Persistent organic pollutants, skull size and bone density of polar bears (<i>Ursus maritimus</i>) from East Greenland 1892–2015 and Svalbard 1964–2004. <i>Environmental Research</i> , 2018, 162, 74-80.	7.5	17
24	Thylacine tales. <i>Nature Ecology and Evolution</i> , 2018, 2, 7-8.	7.8	1
25	Big data little help in megafauna mysteries. <i>Nature</i> , 2018, 558, 23-25.	27.8	69
26	Mitochondrial genome divergence between beluga whales in Baffin Bay and the Sea of Okhotsk. <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 257-258.	0.4	1
27	Population characteristics of a large whale shark aggregation inferred from seawater environmental DNA. <i>Nature Ecology and Evolution</i> , 2017, 1, 4.	7.8	223
28	The Danish Polar Bear Skull Collection 1830–2016. <i>Arctic</i> , 2017, 70, 334.	0.4	0
29	Pros and cons of methylation-based enrichment methods for ancient DNA. <i>Scientific Reports</i> , 2015, 5, 11826.	3.3	61
30	Extinct New Zealand megafauna were not in decline before human colonization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4922-4927.	7.1	109
31	Population Genomics Reveal Recent Speciation and Rapid Evolutionary Adaptation in Polar Bears. <i>Cell</i> , 2014, 157, 785-794.	28.9	363
32	Is Diagnosability an Indicator of Speciation? Response to “Why One Century of Phenetics Is Enough”. <i>Systematic Biology</i> , 2014, 63, 833-837.	5.6	19
33	Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , 2014, 506, 47-51.	27.8	505
34	Are There Really Twice as Many Bovid Species as We Thought?. <i>Systematic Biology</i> , 2013, 62, 490-493.	5.6	64
35	Phylogenetic Estimation of Timescales Using Ancient DNA: The Effects of Temporal Sampling Scheme and Uncertainty in Sample Ages. <i>Molecular Biology and Evolution</i> , 2012, 30, 253-262.	8.9	34
36	Comparative phylogeography of African savannah ungulates ¹ . <i>Molecular Ecology</i> , 2012, 21, 3656-3670.	3.9	197

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37	Species-specific responses of Late Quaternary megafauna to climate and humans. <i>Nature</i> , 2011, 479, 359-364.	27.8	586
38	Ancient Hybridization and an Irish Origin for the Modern Polar Bear Matriline. <i>Current Biology</i> , 2011, 21, 1251-1258.	3.9	257
39	A long-standing Pleistocene refugium in southern Africa and a mosaic of refugia in East Africa: insights from mtDNA and the common eland antelope. <i>Journal of Biogeography</i> , 2010, 37, 571-581.	3.0	45
40	Ancient human genome sequence of an extinct Palaeo-Eskimo. <i>Nature</i> , 2010, 463, 757-762.	27.8	750
41	King Tutankhamun's Family and Demise. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 2471.	7.4	13
42	Three reciprocally monophyletic mtDNA lineages elucidate the taxonomic status of Grant's gazelles. <i>Conservation Genetics</i> , 2008, 9, 593-601.	1.5	20
43	High variation and very low differentiation in wide ranging plains zebra (<i>Equus quagga</i>): insights from mtDNA and microsatellites. <i>Molecular Ecology</i> , 2008, 17, 2812-2824.	3.9	49
44	Mid-Holocene decline in African buffalos inferred from Bayesian coalescent-based analyses of microsatellites and mitochondrial DNA. <i>Molecular Ecology</i> , 2008, 17, 4845-4858.	3.9	50
45	Phylogeography, hybridization and Pleistocene refugia of the kob antelope (<i>Kobus kob</i>). <i>Molecular Ecology</i> , 2007, 16, 3241-3252.	3.9	31
46	Hybridization between subspecies of waterbuck (<i>Kobus ellipsiprymnus</i>) in zones of overlap with limited introgression. <i>Molecular Ecology</i> , 2006, 15, 3787-3799.	3.9	34
47	Regional Genetic Structuring and Evolutionary History of the Impala <i>Aepyceros melampus</i> . <i>Journal of Heredity</i> , 2006, 97, 119-132.	2.4	40
48	No suggestion of hybridization between the vulnerable black-faced impala (<i>Aepyceros melampus</i>) 2004, 13, 3007-3019.	3.9	25
49	Salty divides: geometric morphometrics reveal Danish straits as barriers to otter migration. <i>Mammalian Biology</i> , 0, , 1.	1.5	0