

# Jennifer A Leonard

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

7,141  
citations

66343

42  
h-index

60623

81  
g-index

97  
all docs

97  
docs citations

97  
times ranked

7512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Species-specific responses of Late Quaternary megafauna to climate and humans. <i>Nature</i> , 2011, 479, 359-364.	27.8	586
2	Complete Mitochondrial Genomes of Ancient Canids Suggest a European Origin of Domestic Dogs. <i>Science</i> , 2013, 342, 871-874.	12.6	438
3	Widespread Origins of Domestic Horse Lineages. <i>Science</i> , 2001, 291, 474-477.	12.6	423
4	Ancient DNA Evidence for Old World Origin of New World Dogs. <i>Science</i> , 2002, 298, 1613-1616.	12.6	384
5	Molecular and Evolutionary History of Melanism in North American Gray Wolves. <i>Science</i> , 2009, 323, 1339-1343.	12.6	346
6	Mitochondrial DNA phylogeography and population history of the grey wolf <i>Canis lupus</i> . <i>Molecular Ecology</i> , 1999, 8, 2089-2103.	3.9	314
7	Population genetics of Ice Age brown bears. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1651-1654.	7.1	294
8	Nuclear Genomic Sequences Reveal that Polar Bears Are an Old and Distinct Bear Lineage. <i>Science</i> , 2012, 336, 344-347.	12.6	238
9	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. <i>Cell</i> , 2019, 177, 1419-1435.e31.	28.9	195
10	Megafaunal Extinctions and the Disappearance of a Specialized Wolf Ecomorph. <i>Current Biology</i> , 2007, 17, 1146-1150.	3.9	182
11	Differentiation of tundra/taiga and boreal coniferous forest wolves: genetics, coat colour and association with migratory caribou. <i>Molecular Ecology</i> , 2007, 16, 4149-4170.	3.9	163
12	Genome-wide Evidence Reveals that African and Eurasian Golden Jackals Are Distinct Species. <i>Current Biology</i> , 2015, 25, 2158-2165.	3.9	156
13	FAST TRACK: Legacy lost: genetic variability and population size of extirpated US grey wolves ( <i>Canis</i> ) Tj ETQq1 1 0.784314 rgBT /Over	3.9	150
14	Animal DNA in PCR reagents plagues ancient DNA research. <i>Journal of Archaeological Science</i> , 2007, 34, 1361-1366.	2.4	142
15	Pleistocene megafauna from eastern Beringia: Paleoecological and paleoenvironmental interpretations of stable carbon and nitrogen isotope and radiocarbon records. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 261, 30-46.	2.3	141
16	Preservation of RNA and DNA from mammal samples under field conditions. <i>Molecular Ecology Resources</i> , 2013, 13, 663-673.	4.8	140
17	Wolf population genetics in Europe: a systematic review, meta-analysis and suggestions for conservation and management. <i>Biological Reviews</i> , 2017, 92, 1601-1629.	10.4	131
18	From wild wolf to domestic dog: gene expression changes in the brain. <i>Molecular Brain Research</i> , 2004, 126, 198-206.	2.3	128

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19	Widespread occurrence of a domestic dog mitochondrial DNA haplotype in southeastern US coyotes. <i>Molecular Ecology</i> , 2003, 12, 541-546.	3.9	120
20	Canids as persons: Early Neolithic dog and wolf burials, Cis-Baikal, Siberia. <i>Journal of Anthropological Archaeology</i> , 2011, 30, 174-189.	1.6	112
21	Ancient DNA applications for wildlife conservation. <i>Molecular Ecology</i> , 2008, 17, 4186-4196.	3.9	109
22	A genetic record of population isolation in pocket gophers during Holocene climatic change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 6893-6896.	7.1	106
23	Evolution of the extinct Sabretooths and the American cheetah-like cat. <i>Current Biology</i> , 2005, 15, R589-R590.	3.9	105
24	Full of Sound and Fury: History of Ancient DNA. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1999, 30, 457-477.	6.7	94
25	Ecological factors drive differentiation in wolves from British Columbia. <i>Journal of Biogeography</i> , 2009, 36, 1516-1531.	3.0	85
26	Origin and status of the Great Lakes wolf. <i>Molecular Ecology</i> , 2009, 18, 2313-2326.	3.9	84
27	An Evolutionarily Conserved Sexual Signature in the Primate Brain. <i>PLoS Genetics</i> , 2008, 4, e1000100.	3.5	81
28	Ancient DNA Analysis Affirms the Canid from Altai as a Primitive Dog. <i>PLoS ONE</i> , 2013, 8, e57754.	2.5	81
29	Conservation genetics of the endangered Pampas deer ( <i>Ozotoceros bezoarticus</i> ). <i>Molecular Ecology</i> , 1998, 7, 47-56.	3.9	80
30	Hybridization among Three Native North American Canis Species in a Region of Natural Sympatry. <i>PLoS ONE</i> , 2008, 3, e3333.	2.5	79
31	Discovery of lost diversity of paternal horse lineages using ancient DNA. <i>Nature Communications</i> , 2011, 2, 450.	12.8	72
32	Ancient DNA analysis reveals woolly rhino evolutionary relationships. <i>Molecular Phylogenetics and Evolution</i> , 2003, 28, 485-499.	2.7	68
33	The genetic legacy of extirpation and re-colonization in Vancouver Island wolves. <i>Conservation Genetics</i> , 2010, 11, 547-556.	1.5	63
34	Unequal Contribution of Sexes in the Origin of Dog Breeds. <i>Genetics</i> , 2006, 172, 1121-1128.	2.9	60
35	Native Great Lakes wolves were not restored. <i>Biology Letters</i> , 2008, 4, 95-98.	2.3	59
36	Prehistoric Decline of Genetic Diversity in the Nene. <i>Science</i> , 2002, 296, 1827-1827.	12.6	57

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37	Speciation dynamics in the SE Asian tropics: Putting a time perspective on the phylogeny and biogeography of Sundaland tree squirrels, <i>Sundasciurus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 711-720.	2.7	57
38	Effect of the enzyme and PCR conditions on the quality of high-throughput DNA sequencing results. <i>Scientific Reports</i> , 2015, 5, 8056.	3.3	57
39	Phylogeography of vertebrates on the Sunda Shelf: a multi-species comparison. <i>Journal of Biogeography</i> , 2015, 42, 871-879.	3.0	57
40	Whole mitochondrial genomes illuminate ancient intercontinental dispersals of grey wolves ( <i>Canis lupus</i> ). <i>Journal of Biogeography</i> , 2016, 43, 1728-1738.	3.0	57
41	Grey wolf genomic history reveals a dual ancestry of dogs. <i>Nature</i> , 2022, 607, 313-320.	27.8	48
42	Burying Dogs in Ancient Cis-Baikal, Siberia: Temporal Trends and Relationships with Human Diet and Subsistence Practices. <i>PLoS ONE</i> , 2013, 8, e63740.	2.5	47
43	A rapid loss of stripes: the evolutionary history of the extinct quagga. <i>Biology Letters</i> , 2005, 1, 291-295.	2.3	46
44	On the path to extinction: Inbreeding and admixture in a declining grey wolf population. <i>Molecular Ecology</i> , 2018, 27, 3599-3612.	3.9	46
45	Evolutionary History of Saber-Toothed Cats Based on Ancient Mitogenomics. <i>Current Biology</i> , 2017, 27, 3330-3336.e5.	3.9	45
46	Nuclear copies of mitochondrial genes: another problem for ancient DNA. <i>Genetica</i> , 2010, 138, 979-984.	1.1	40
47	Evolutionary history of endemic Sulawesi squirrels constructed from UCEs and mitogenomes sequenced from museum specimens. <i>BMC Evolutionary Biology</i> , 2016, 16, 80.	3.2	39
48	Evolutionary history of the Falklands wolf. <i>Current Biology</i> , 2009, 19, R937-R938.	3.9	33
49	Evolution of acoustic and visual signals in Asian barbets. <i>Journal of Evolutionary Biology</i> , 2013, 26, 647-659.	1.7	33
50	Examining Monophyly in a Large Radiation of Madagascan Butterflies (Lepidoptera: Satyrinae: <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22</i> ) 460-473.	2.7	31
51	Vanishing native American dog lineages. <i>BMC Evolutionary Biology</i> , 2011, 11, 73.	3.2	31
52	A molecular phylogeny of Asian barbets: Speciation and extinction in the tropics. <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 1-13.	2.7	31
53	Phylogeny, biogeography and systematic revision of plain long-nosed squirrels (genus <i>Dremomys</i> ,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	2.7	31
54	Impact of Quaternary climatic changes and interspecific competition on the demographic history of a highly mobile generalist carnivore, the coyote. <i>Biology Letters</i> , 2012, 8, 644-647.	2.3	26

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55	Interglacial refugia on tropical mountains: Novel insights from the summit rat ( <i>Rattus</i> ) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	4.1	26
56	Massive genome inversion drives coexistence of divergent morphs in common quails. <i>Current Biology</i> , 2022, 32, 462-469.e6.	3.9	25
57	Endemism and diversity of small mammals along two neighboring Bornean mountains. <i>PeerJ</i> , 2019, 7, e7858.	2.0	23
58	Impact of hybridization with domestic dogs on the conservation of wild canids. , 2013, , 170-184.		21
59	A novel <i>MC1R</i> allele for black coat colour reveals the Polynesian ancestry and hybridization patterns of Hawaiian feral pigs. <i>Royal Society Open Science</i> , 2016, 3, 160304.	2.4	19
60	Lethal management may hinder population recovery in Iberian wolves. <i>Biodiversity and Conservation</i> , 2019, 28, 415-432.	2.6	19
61	Detecting the vanishing populations of the highly endangered Darwin's fox, <i>Pseudalopex fulvipes</i> . <i>Animal Conservation</i> , 2004, 7, 147-153.	2.9	16
62	A practical guide to build <i>de-novo</i> assemblies for single tissues of non-model organisms: the example of a Neotropical frog. <i>PeerJ</i> , 2017, 5, e3702.	2.0	16
63	The role of canids in ritual and domestic contexts: new ancient DNA insights from complex hunter-gatherer sites in prehistoric Central California. <i>Journal of Archaeological Science</i> , 2013, 40, 2176-2189.	2.4	13
64	Response to Comment on "Nuclear Genomic Sequences Reveal that Polar Bears Are an Old and Distinct Bear Lineage" <i>Science</i> , 2013, 339, 1522-1522.	12.6	12
65	Pleistocene climate fluctuations drove demographic history of African golden wolves ( <i>Canis lupaster</i> ). <i>Molecular Ecology</i> , 2021, 30, 6101-6120.	3.9	12
66	Y-Chromosome Analysis in Retuertas Horses. <i>PLoS ONE</i> , 2013, 8, e64985.	2.5	11
67	Little genetic structure in a Bornean endemic small mammal across a steep ecological gradient. <i>Molecular Ecology</i> , 2020, 29, 4074-4090.	3.9	9
68	Mitogenomes Reveal Multiple Colonization of Mountains by <i>Rattus</i> in Sundaland. <i>Journal of Heredity</i> , 2020, 111, 392-404.	2.4	9
69	Ancient Divergence Driven by Geographic Isolation and Ecological Adaptation in Forest Dependent Sundaland Tree Squirrels. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	9
70	Faunal isotope records reveal trophic and nutrient dynamics in twentieth century Yellowstone grasslands. <i>Biology Letters</i> , 2012, 8, 838-841.	2.3	8
71	Evolutionary history of Sundaland shrews (Eulipotyphla: Soricidae: <i>Crocidura</i> ) with a focus on Borneo. <i>Zoological Journal of the Linnean Society</i> , 2022, 194, 478-501.	2.3	8
72	Defense of an expanded historical range for the Mexican wolf: A comment on Heffelfinger et al.. <i>Journal of Wildlife Management</i> , 2017, 81, 1331-1333.	1.8	7

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73	Wishful thinking: imagining that the current Great Lakes wolf is the same entity that existed historically. <i>Biology Letters</i> , 2009, 5, 67-68.	2.3	6
74	BONE LOSS FROM CARCASSES IN MEDITERRANEAN ECOSYSTEMS. <i>Palaios</i> , 2017, 32, 288-294.	1.3	6
75	A sliver of the past: The decimation of the genetic diversity of the Mexican wolf. <i>Molecular Ecology</i> , 2021, 30, 6340-6354.	3.9	6
76	Markers for genetic change. <i>Heliyon</i> , 2021, 7, e05583.	3.2	5
77	Tools for Monitoring Genetic Diversity in Mammals: Past, Present, and Future. , 2020, , 13-27.		5
78	More is better. <i>Molecular Ecology</i> , 2009, 18, 4994-4996.	3.9	4
79	Ten polymorphic microsatellite loci for the endangered Buena Vista Lake shrew ( <i>Sorex ornatus</i> ) Tj ETQq1 1 0.784314rgBT /Oyerglock 10	1.7	3
80	Responseâ€”How the Gray Wolf Got Its Color. <i>Science</i> , 2009, 325, 34-34.	12.6	3
81	The phylogeography of red and yellow coppersmith barbets (Aves: <i>Megalaima haemacephala</i> ). <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .	2.2	3
82	The generic status of <i>Rattus annandalei</i> (Bonhote, 1903) (Rodentia, Murinae) and its evolutionary implications. <i>Journal of Mammalogy</i> , 2017, , .	1.3	3
83	Spatiotemporal analyses suggest the role of glacial history and the iceâ€”free corridor in shaping American badger population genetic variation. <i>Ecology and Evolution</i> , 2020, 10, 8345-8357.	1.9	3
84	Feeding Specialization of Honey Badgers in the Sahara Desert: A Trial of Life in a Hard Environment. <i>Diversity</i> , 2020, 12, 59.	1.7	2
85	Greater Bandicoot Rats ( <i>Bandicota indica</i> ) are Not Native to Sundaland Based on Deoxyribonucleic Acid (DNA) Analyses. <i>Journal of Mammalian Evolution</i> , 2021, 28, 929-938.	1.8	2
86	Towards highâ€”throughput analyses of fecal samples from wildlife. <i>Animal Biodiversity and Conservation</i> , 2020, , 171-183.	0.5	2
87	Challenging ecogeographical rules: Phenotypic variation in the Mountain Treeshrew ( <i>Tupaia montana</i> ) along tropical elevational gradients. <i>PLoS ONE</i> , 2022, 17, e0268213.	2.5	2
88	Phylogenomics and evolutionary history of <i>Oreobates</i> (Anura: Craugastoridae) Neotropical frogs along elevational gradients. <i>Molecular Phylogenetics and Evolution</i> , 2021, 161, 107167.	2.7	1
89	Automated genotyping of microsatellite loci from feces with high throughput sequences. <i>PLoS ONE</i> , 2021, 16, e0258906.	2.5	1
90	Horses: Domestication. , 2020, , 5294-5296.		0

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91	Complete mitogenomes reveal limited genetic variability in the garden dormouse <i>Eliomys quercinus</i> of the Iberian Peninsula. <i>Animal Biodiversity and Conservation</i> , 2022, , 107-122.	0.5	0