

# Anna K Lindholm

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

3,741  
citations

159585

30  
h-index

144013

57  
g-index

82  
all docs

82  
docs citations

82  
times ranked

4438  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomics and the origin of species. <i>Nature Reviews Genetics</i> , 2014, 15, 176-192.	16.3	850
2	The Ecology and Evolutionary Dynamics of Meiotic Drive. <i>Trends in Ecology and Evolution</i> , 2016, 31, 315-326.	8.7	305
3	Direct selection on male attractiveness and female preference fails to produce a response. <i>BMC Evolutionary Biology</i> , 2004, 4, 1.	3.2	150
4	Invasion success and genetic diversity of introduced populations of guppies <i>Poecilia reticulata</i> in Australia. <i>Molecular Ecology</i> , 2005, 14, 3671-3682.	3.9	141
5	Social flexibility and social evolution in mammals: a case study of the African striped mouse ( <i>Rhodomys pumilio</i> ). <i>Molecular Ecology</i> , 2012, 21, 541-553.	3.9	123
6	Environmental variation and the maintenance of polymorphism: the effect of ambient light spectrum on mating behaviour and sexual selection in guppies. <i>Ecology Letters</i> , 2003, 6, 463-472.	6.4	109
7	Effects of Hatch Date and Food Supply on Gosling Growth in Arctic-Nesting Greater Snow Geese. <i>Condor</i> , 1994, 96, 898-908.	1.6	104
8	BETWEEN POPULATIONS OF REED WARBLERS IN DEFENCES AGAINST BROOD PARASITISM. <i>Behaviour</i> , 2000, 137, 25-42.	0.8	104
9	POLYANDRY AND THE DECREASE OF A SELFISH GENETIC ELEMENT IN A WILD HOUSE MOUSE POPULATION. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2435-2447.	2.3	96
10	Where do all the maternal effects go? Variation in offspring body size through ontogeny in the live-bearing fish <i>Poecilia parae</i> . <i>Biology Letters</i> , 2006, 2, 586-589.	2.3	88
11	Opsin gene duplication and diversification in the guppy, a model for sexual selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 33-42.	2.6	73
12	The advantages and evolution of a morphological novelty. <i>Nature</i> , 1991, 349, 519-520.	27.8	70
13	Communal nursing in wild house mice is not a by-product of group living: Females choose. <i>Die Naturwissenschaften</i> , 2014, 101, 73-76.	1.6	65
14	A system for automatic recording of social behavior in a free-living wild house mouse population. <i>Animal Biotelemetry</i> , 2015, 3, .	1.9	63
15	Relative fitness of alternative male reproductive tactics in a mammal varies between years. <i>Journal of Animal Ecology</i> , 2011, 80, 908-917.	2.8	61
16	Experimental evidence that high levels of inbreeding depress sperm competitiveness. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1338-1345.	1.7	60
17	Brood parasitism by the cuckoo on patchy reed warbler populations in Britain. <i>Journal of Animal Ecology</i> , 1999, 68, 293-309.	2.8	59
18	Extreme polymorphism in a Y-linked sexually selected trait. <i>Heredity</i> , 2004, 92, 156-162.	2.6	58

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19	A longitudinal study of phenotypic changes in early domestication of house mice. Royal Society Open Science, 2018, 5, 172099.	2.4	57
20	OPERATIONAL SEX RATIO AND DENSITY DO NOT AFFECT DIRECTIONAL SELECTION ON MALE SEXUAL ORNAMENTS AND BEHAVIOR. Evolution; International Journal of Organic Evolution, 2008, 62, 135-144.	2.3	56
21	<i>Drives Selfish Sweeps in the House Mouse. Molecular Biology and Evolution, 2016, 33, 1381-1395.</i>	8.9	55
22	Detrimental effects of an autosomal selfish genetic element on sperm competitiveness in house mice. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150974.	2.6	52
23	Mate choice for genetic compatibility in the house mouse. Ecology and Evolution, 2013, 3, 1231-1247.	1.9	48
24	The complex social environment of female house mice ( <i>Mus domesticus</i> ). , 2012, , 114-134.		47
25	TESTS OF PHENOTYPIC PLASTICITY IN REED WARBLER DEFENCES AGAINST CUCKOO PARASITISM. Behaviour, 2000, 137, 43-60.	0.8	46
26	Resistance to natural and synthetic gene drive systems. Journal of Evolutionary Biology, 2020, 33, 1345-1360.	1.7	43
27	The nasty neighbour in the striped mouse ( <i>Rhabdomys pumilio</i> ) steals paternity and elicits aggression. Frontiers in Zoology, 2010, 7, 19.	2.0	40
28	Sperm competition suppresses gene drive among experimentally evolving populations of house mice. Molecular Ecology, 2017, 26, 5784-5792.	3.9	39
29	Nest attendance of lactating females in a wild house mouse population: benefits associated with communal nesting. Animal Behaviour, 2014, 92, 143-149.	1.9	34
30	Fitness Consequences of Female Alternative Reproductive Tactics in House Mice ( <i>Mus musculus</i> )	2.1	34
31	Persistence of passerine ectoparasites on the diderik cuckoo <i>Chrysococcyx caprius</i> . Journal of Zoology, 1998, 244, 145-153.	1.7	33
32	Female house mice avoid fertilization by <i>haplotype incompatible</i> males in a mate choice experiment. Journal of Evolutionary Biology, 2015, 28, 54-64.	1.7	33
33	Multiple Parasitism of the Red-Winged Blackbird: Further Experimental Evidence of Evolutionary Lag in a Common Host of the Brown-Headed Cowbird. Auk, 1996, 113, 408-413.	1.4	32
34	Genes or Culture: Are Mitochondrial Genes Associated with Tool Use in Bottlenose Dolphins ( <i>Tursiops sp.</i> )?. Behavior Genetics, 2010, 40, 706-714.	2.1	31
35	Gene drive: progress and prospects. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192709.	2.6	31
36	Carrying a selfish genetic element predicts increased migration propensity in free-living wild house mice. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181333.	2.6	29

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37	Function of copulatory plugs in house mice: mating behavior and paternity outcomes of rival males. <i>Behavioral Ecology</i> , 2016, 27, 185-195.	2.2	28
38	Socially mediated polyandry: a new benefit of communal nesting in mammals. <i>Behavioral Ecology</i> , 2014, 25, 1467-1473.	2.2	25
39	The risk of exploitation during communal nursing in house mice, <i>Mus musculus domesticus</i> . <i>Animal Behaviour</i> , 2015, 110, 133-143.	1.9	23
40	Female nursing partner choice in a population of wild house mice ( <i>Mus musculus domesticus</i> ). <i>Frontiers in Zoology</i> , 2018, 15, 4.	2.0	23
41	Polyandry blocks gene drive in a wild house mouse population. <i>Nature Communications</i> , 2020, 11, 5590.	12.8	23
42	The copulatory plug delays ejaculation by rival males and affects sperm competition outcome in house mice. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1617-1630.	1.7	22
43	Different regulation of adult hippocampal neurogenesis in Western house mice ( <i>Mus musculus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.2	21
44	No evidence for female discrimination against male house mice carrying a selfish genetic element. <i>Environmental Epigenetics</i> , 2016, 62, 675-685.	1.8	21
45	Causes of male sexual trait divergence in introduced populations of guppies. <i>Journal of Evolutionary Biology</i> , 2014, 27, 437-448.	1.7	17
46	Steroid hormones in hair reveal sexual maturity and competition in wild house mice ( <i>Mus musculus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	17
47	Long-term overlap of social and genetic structure in free-ranging house mice reveals dynamic seasonal and group size effects. <i>Environmental Epigenetics</i> , 2021, 67, 59-69.	1.8	17
48	A Selfish Genetic Element Influencing Longevity Correlates with Reactive Behavioural Traits in Female House Mice ( <i>Mus domesticus</i> ). <i>PLoS ONE</i> , 2013, 8, e67130.	2.5	15
49	Meiotic drive changes sperm precedence patterns in house mice: potential for male alternative mating tactics?. <i>BMC Evolutionary Biology</i> , 2016, 16, 133.	3.2	15
50	Effects of a male meiotic driver on male and female transcriptomes in the house mouse. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191927.	2.6	12
51	A reduced propensity to cooperate under enhanced exploitation risk in a social mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160068.	2.6	11
52	Dynamics of a Tularemia Outbreak in a Closely Monitored Free-Roaming Population of Wild House Mice. <i>PLoS ONE</i> , 2015, 10, e0141103.	2.5	10
53	Tularemia among Free-Ranging Mice without Infection of Exposed Humans, Switzerland, 2012. <i>Emerging Infectious Diseases</i> , 2015, 21, 133-135.	4.3	10
54	The evolution of costly mate choice against segregation distorters. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2817-2828.	2.3	10

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55	No evidence for kin protection in the expression of sickness behaviors in house mice. <i>Scientific Reports</i> , 2018, 8, 16682.	3.3	10
56	Measurements of hybrid fertility and a test of mate preference for two house mouse races with massive chromosomal divergence. <i>BMC Evolutionary Biology</i> , 2019, 19, 25.	3.2	10
57	N, N-Dimethylacetamide, an FDA approved excipient, acts post-meiotically to impair spermatogenesis and cause infertility in rats. <i>Chemosphere</i> , 2020, 256, 127001.	8.2	9
58	Development of polymorphic microsatellite markers for the livebearing fish <i>Poecilia parae</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 857-860.	4.8	8
59	Experiments confirm a dispersive phenotype associated with a natural gene drive system. <i>Royal Society Open Science</i> , 2021, 8, 202050.	2.4	8
60	Female-biased dispersal in the solitarily foraging slender mongoose, <i>Galerella sanguinea</i> , in the Kalahari. <i>Animal Behaviour</i> , 2016, 111, 69-78.	1.9	7
61	The baculum affects paternity success of first but not second males in house mouse sperm competition. <i>Bmc Ecology and Evolution</i> , 2021, 21, 159.	1.6	6
62	<i>Poecilia picta</i> , a Close Relative to the Guppy, Exhibits Red Male Coloration Polymorphism: A System for Phylogenetic Comparisons. <i>PLoS ONE</i> , 2015, 10, e0142089.	2.5	6
63	A genetic tool to manipulate litter size. <i>Frontiers in Zoology</i> , 2014, 11, 18.	2.0	5
64	Editorial The evolutionary consequences of selfish genetic elements. <i>Environmental Epigenetics</i> , 2016, 62, 655-658.	1.8	5
65	Population Density and Temperature Influence the Return on Maternal Investment in Wild House Mice. <i>Frontiers in Ecology and Evolution</i> , 2021, 8, .	2.2	5
66	Cooperation by necessity: condition- and density-dependent reproductive tactics of female house mice. <i>Communications Biology</i> , 2022, 5, 348.	4.4	4
67	A selfish genetic element linked to increased lifespan impacts metabolism in female house mice. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	3
68	Novel patterns of expression and recruitment of new genes on the <i>t</i> -haplotype, a mouse selfish chromosome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211985.	2.6	3
69	A meiotic driver alters sperm form and function in house mice: a possible example of spite. <i>Chromosome Research</i> , 0, , .	2.2	3
70	The effect of polyandry on a distorter system with differential viabilities in the sexes. <i>Communicative and Integrative Biology</i> , 2012, 5, 550-552.	1.4	2
71	Reversible Contraceptive Potential of FDA Approved Excipient N, N-Dimethylacetamide in Male Rats. <i>Frontiers in Physiology</i> , 2020, 11, 601084.	2.8	2
72	Steroid hormones in hair and fresh wounds reveal sex specific costs of reproductive engagement and reproductive success in wild house mice ( <i>Mus musculus domesticus</i> ). <i>Hormones and Behavior</i> , 2022, 138, 105102.	2.1	2

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73	Family dynamics reveal that female house mice preferentially breed in their maternal community. Behavioral Ecology, 2022, 33, 222-232.	2.2	1
74	Selfish migrants: How a meiotic driver is selected to increase dispersal. Journal of Evolutionary Biology, 2022, 35, 621-632.	1.7	1
75	Development of polymorphic microsatellite markers for the livebearing fish <i>Poecilia parae</i> . Molecular Ecology Resources, 2008, .	4.8	0
76	Sex Chromosomes and Sexual Selection in Poeciliid Fishes. American Naturalist, 2002, 160, S214.	2.1	0