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List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,658
citations

172457

29
h-index

223800

46
g-index

93
all docs

93
docs citations

93
times ranked

2608
citing authors

#	ARTICLE	IF	CITATIONS
1	Inbreeding avoidance, tolerance, or preference in animals?. Trends in Ecology and Evolution, 2013, 28, 205-211.	8.7	176
2	Intrinsic Parent-Offspring Correlation in Inbreeding Level in a Song Sparrow (<i>Melospiza melodia</i>) Population Open to Immigration. American Naturalist, 2006, 168, 1-13.	2.1	147
3	Inbreeding depresses immune response in song sparrows (<i>Melospiza melodia</i>): direct and inter-generational effects. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2151-2157.	2.6	124
4	Song repertoire size predicts initial mating success in male song sparrows, <i>Melospiza melodia</i> . Animal Behaviour, 2004, 68, 1055-1063.	1.9	109
5	The Contemporary Evolution of Fitness. Annual Review of Ecology, Evolution, and Systematics, 2018, 49, 457-476.	8.3	88
6	Comprehensive paternity assignment: genotype, spatial location and social status in song sparrows, <i>Melospiza Melodia</i> . Molecular Ecology, 2010, 19, 4352-4364.	3.9	81
7	Fitness Correlates of Song Repertoire Size in Free-Living Song Sparrows (<i>Melospiza melodia</i>). American Naturalist, 2005, 165, 299-310.	2.1	72
8	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. Science, 2022, 376, 1012-1016.	12.6	69
9	Inbreeding effects on immune response in free-living song sparrows (<i>Melospiza melodia</i>). Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 697-706.	2.6	64
10	EVOLUTION OF MATE CHOICE FOR GENOME-WIDE HETEROZYGOSITY. Evolution; International Journal of Organic Evolution, 2009, 63, 684-694.	2.3	64
11	Additive Genetic Variance, Heritability, and Inbreeding Depression in Male Extra-Pair Reproductive Success. American Naturalist, 2011, 177, 177-187.	2.1	61
12	Parent age, lifespan and offspring survival: structured variation in life history in a wild population. Journal of Animal Ecology, 2010, 79, 851-862.	2.8	60
13	Are There Indirect Fitness Benefits of Female Extra-Pair Reproduction? Lifetime Reproductive Success of Within-Pair and Extra-Pair Offspring. American Naturalist, 2012, 179, 779-793.	2.1	56
14	Reproductive performance of resident and migrant males, females and pairs in a partially migratory bird. Journal of Animal Ecology, 2017, 86, 1010-1021.	2.8	55
15	PEDIGREE ERROR DUE TO EXTRA-PAIR REPRODUCTION SUBSTANTIALLY BIASES ESTIMATES OF INBREEDING DEPRESSION. Evolution; International Journal of Organic Evolution, 2014, 68, 802-815.	2.3	50
16	Disentangling the effect of genes, the environment and chance on sex ratio variation in a wild bird population. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2996-3002.	2.6	48
17	Long-term maternal effect on offspring immune response in song sparrows <i>Melospiza melodia</i> . Biology Letters, 2006, 2, 573-576.	2.3	47
18	Direct and indirect genetic and fine-scale location effects on breeding date in song sparrows. Journal of Animal Ecology, 2016, 85, 1613-1624.	2.8	45

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19	Quantifying inbreeding avoidance through extra-pair reproduction. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 59-74.	2.3	43
20	Nonequivalent lethal equivalents: Models and inbreeding metrics for unbiased estimation of inbreeding load. <i>Evolutionary Applications</i> , 2019, 12, 266-279.	3.1	43
21	Heritability of female extra-pair paternity rate in song sparrows (<i>Melospiza melodia</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1114-1120.	2.6	42
22	EXTRA-PAIR PATERNITY AND THE VARIANCE IN MALE FITNESS IN SONG SPARROWS (<i>MELOSPIZA</i>)	2.3	40
23	Site Fidelity and Individual Variation in Winter Location in Partially Migratory European Shags. <i>PLoS ONE</i> , 2014, 9, e98562.	2.5	40
24	Inbreeding coefficient and heterozygosity-fitness correlations in unhatched and hatched song sparrow nestmates. <i>Molecular Ecology</i> , 2010, 19, 4454-4461.	3.9	39
25	Accounting for genetic differences among unknown parents in microevolutionary studies: how to include genetic groups in quantitative genetic animal models. <i>Journal of Animal Ecology</i> , 2017, 86, 7-20.	2.8	39
26	Population and evolutionary dynamics in spatially structured seasonally varying environments. <i>Biological Reviews</i> , 2018, 93, 1578-1603.	10.4	39
27	Quantifying full phenological event distributions reveals simultaneous advances, temporal stability and delays in spring and autumn migration timing in long-distance migratory birds. <i>Global Change Biology</i> , 2017, 23, 1400-1414.	9.5	38
28	CORRELATED INBREEDING AMONG RELATIVES: OCCURRENCE, MAGNITUDE, AND IMPLICATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 973-985.	2.3	37
29	Pedigree-based inbreeding coefficient explains more variation in fitness than heterozygosity at 160 microsatellites in a wild bird population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162763.	2.6	37
30	Secondary sexual ornamentation and non-additive genetic benefits of female mate choice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1395-1402.	2.6	33
31	Evolution of Inbreeding Avoidance and Inbreeding Preference through Mate Choice among Interacting Relatives. <i>American Naturalist</i> , 2016, 188, 651-667.	2.1	33
32	Sex-specific additive genetic variances and correlations for fitness in a song sparrow (<i>Melospiza</i>)	2.3	33
33	Modelling effects of nonbreeders on population growth estimates. <i>Journal of Animal Ecology</i> , 2017, 86, 75-87.	2.8	31
34	Strong survival selection on seasonal migration versus residence induced by extreme climatic events. <i>Journal of Animal Ecology</i> , 2021, 90, 796-808.	2.8	29
35	Evolution of female multiple mating: A quantitative model of the œsexually selected sperm hypothesis. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 39-58.	2.3	28
36	Individuals' expected genetic contributions to future generations, reproductive value, and short-term metrics of fitness in free-living song sparrows (<i>Melospiza melodia</i>). <i>Evolution Letters</i> , 2019, 3, 271-285.	3.3	28

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37	Sex-specific differential survival of extra-pair and within-pair offspring in song sparrows, <i>Melospiza melodia</i> . Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3251-3259.	2.6	27
38	Estimating dispersal distributions at multiple scales: within-colony and among-colony dispersal rates, distances and directions in European Shags <i>Phalacrocorax aristotelis</i> . Ibis, 2013, 155, 762-778.	1.9	26
39	Indirect selection on female extra-pair reproduction? Comparing the additive genetic value of maternal half-sib extra-pair and within-pair offspring. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1700-1708.	2.6	25
40	Pronounced genetic structure and low genetic diversity in European red-billed chough (<i>Pyrrhocorax</i>). <i>Journal of Animal Ecology</i> , 2010, 79, 1075-1085.	2.5	25
41	Is Pairing with a Relative Heritable? Estimating Female and Male Genetic Contributions to the Degree of Biparental Inbreeding in Song Sparrows (<i>Melospiza melodia</i>). American Naturalist, 2016, 187, 736-752.	2.1	24
42	Predicting evolutionary responses to selection on polyandry in the wild: additive genetic covariances with female extra-pair reproduction. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4652-4660.	2.6	23
43	Weak large-scale population genetic structure in a philopatric seabird, the European Shag <i>Phalacrocorax aristotelis</i> . Ibis, 2011, 153, 768-778.	1.9	22
44	FEMALE AND MALE GENETIC EFFECTS ON OFFSPRING PATERNITY: ADDITIVE GENETIC (CO)VARIANCES IN FEMALE EXTRA-PAIR REPRODUCTION AND MALE PATERNITY SUCCESS IN SONG SPARROWS (<i>MELOSPIZA</i>). <i>Journal of Animal Ecology</i> , 2015, 84, 1022-1031.	2.5	22
45	Evidence of the phenotypic expression of a lethal recessive allele under inbreeding in a wild population of conservation concern. Journal of Animal Ecology, 2016, 85, 879-891.	2.8	22
46	When does female multiple mating evolve to adjust inbreeding? Effects of inbreeding depression, direct costs, mating constraints, and polyandry as a threshold trait. Evolution; International Journal of Organic Evolution, 2016, 70, 1927-1943.	2.3	22
47	Diagnosing the timing of demographic bottlenecks: sub-adult survival in red-billed choughs. Journal of Applied Ecology, 2011, 48, 797-805.	4.0	20
48	What Happens after Inbreeding Avoidance? Inbreeding by Rejected Relatives and the Inclusive Fitness Benefit of Inbreeding Avoidance. PLoS ONE, 2015, 10, e0125140.	2.5	20
49	Resolving the conundrum of inbreeding depression but no inbreeding avoidance: Estimating sex-specific selection on inbreeding by song sparrows (<i>Melospiza melodia</i>). Evolution; International Journal of Organic Evolution, 2015, 69, 2846-2861.	2.3	19
50	Estimating demographic contributions to effective population size in an age-structured wild population experiencing environmental and demographic stochasticity. Journal of Animal Ecology, 2017, 86, 1082-1093.	2.8	19
51	Older mothers produce more successful daughters. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4809-4814.	7.1	19
52	Immigration counter-acts local micro-evolution of a major fitness component: Migration-selection balance in free-living song sparrows. Evolution Letters, 2021, 5, 48-60.	3.3	19
53	Among-individual and within-individual variation in seasonal migration covaries with subsequent reproductive success in a partially migratory bird. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200928.	2.6	18
54	INDIVIDUAL PHENOTYPE, KINSHIP, AND THE OCCURRENCE OF INBREEDING IN SONG SPARROWS. Evolution; International Journal of Organic Evolution, 2008, 62, 887-899.	2.3	17

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55	Decomposing variation in male reproductive success: age-specific variances and covariances through extra-pair and within-pair reproduction. <i>Journal of Animal Ecology</i> , 2013, 82, 872-883.	2.8	15
56	Demographic mechanisms of inbreeding adjustment through extra-pair reproduction. <i>Journal of Animal Ecology</i> , 2015, 84, 1029-1040.	2.8	14
57	Inbreeding parents should invest more resources in fewer offspring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161845.	2.6	14
58	Variation in parent-offspring kinship in socially monogamous systems with extra-pair reproduction and inbreeding. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1512-1529.	2.3	13
59	Properties of phenotypic plasticity in discrete threshold traits. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 190-206.	2.3	12
60	Episodes of opposing survival and reproductive selection cause strong fluctuating selection on seasonal migration versus residence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210404.	2.6	11
61	What can we really say about relatedness and extrapair paternity: a comment on Arct et al.. <i>Behavioral Ecology</i> , 2015, 26, 969-970.	2.2	10
62	Is there indirect selection on female extra-pair reproduction through cross-sex genetic correlations with male reproductive fitness?. <i>Evolution Letters</i> , 2018, 2, 159-168.	3.3	10
63	Recent immigrants alter the quantitative genetic architecture of paternity in song sparrows. <i>Evolution Letters</i> , 2020, 4, 124-136.	3.3	10
64	Additive genetic variance and effects of inbreeding, sex and age on heterophil to lymphocyte ratio in song sparrows. <i>Functional Ecology</i> , 2016, 30, 1185-1195.	3.6	9
65	The Consequences of Polyandry for Sibship Structures, Distributions of Relationships and Relatedness, and Potential for Inbreeding in a Wild Population. <i>American Naturalist</i> , 2018, 191, 638-657.	2.1	9
66	Double decomposition: decomposing the variance in subcomponents of male extra-pair reproductive success. <i>Journal of Animal Ecology</i> , 2015, 84, 1384-1395.	2.8	7
67	Feed-backs among inbreeding, inbreeding depression in sperm traits, and sperm competition can drive evolution of costly polyandry. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2786-2802.	2.3	7
68	No evidence of inbreeding depression in sperm performance traits in wild song sparrows. <i>Ecology and Evolution</i> , 2018, 8, 1842-1852.	1.9	7
69	Are immigrants outbred and unrelated? Testing standard assumptions in a wild metapopulation. <i>Molecular Ecology</i> , 2021, 30, 5674-5686.	3.9	7
70	Evaluating the efficacy of independent versus simultaneous management strategies to address ecological and genetic threats to population viability. <i>Journal of Applied Ecology</i> , 2019, 56, 2264-2273.	4.0	6
71	Testing predictions of inclusive fitness theory in inbreeding relatives with biparental care. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191933.	2.6	6
72	Quantitative genetic approaches to understanding sexual selection and mating system evolution in the wild. , 2014, , 34-53.		6

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73	Individual repeatability and heritability of divorce in a wild population. <i>Biology Letters</i> , 2018, 14, 20180061.	2.3	4
74	Collateral benefits of targeted supplementary feeding on demography and growth rate of a threatened population. <i>Journal of Applied Ecology</i> , 2020, 57, 2212-2221.	4.0	4
75	Intrinsic emergence and modulation of sex-specific dominance reversals in threshold traits. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 1924-1941.	2.3	4
76	Within-year and among-year variation in impacts of targeted conservation management on juvenile survival in a threatened population. <i>Journal of Applied Ecology</i> , 0, , .	4.0	3
77	Modelling the responses of partially migratory metapopulations to changing seasonal migration rates: From theory to data. <i>Journal of Animal Ecology</i> , 2022, 91, 1781-1796.	2.8	3
78	Integrating advances in population and evolutionary ecology with conservation strategy through long-term studies of red-billed choughs. <i>Journal of Animal Ecology</i> , 2022, 91, 20-34.	2.8	2
79	Adaptation to climate change through seasonal migration revealed by climatic versus demographic niche models. <i>Global Change Biology</i> , 2022, 28, 4260-4275.	9.5	2
80	Strong spatial population structure shapes the temporal coevolutionary dynamics of costly female preference and male display. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 636-648.	2.3	1
81	Conceptualizing the evolutionary quantitative genetics of phenological life-history events: Breeding time as a plastic threshold trait. <i>Evolution Letters</i> , 2022, 6, 220-233.	3.3	1
82	Offspring fitness varies with parental extra-pair status in song sparrows, <i>Melospiza melodia</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4078-4086.	2.6	0
83	Recombination and inbreeding strategy in sexually reproducing animals: a reply to Cherry. <i>Trends in Ecology and Evolution</i> , 2013, 28, 684-685.	8.7	0
84	Don't Just Sit There Reading . , 2020, , 300-303.		0