

Andr s Liker

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

4,387
citations

87888

38
h-index

118850

62
g-index

95
all docs

95
docs citations

95
times ranked

3945
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress Response and the Value of Reproduction: Are Birds Prudent Parents?. <i>American Naturalist</i> , 2009, 173, 589-598.	2.1	271
2	MORTALITY COSTS OF SEXUAL SELECTION AND PARENTAL CARE IN NATURAL POPULATIONS OF BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 890-897.	2.3	207
3	Lean birds in the city: body size and condition of house sparrows along the urbanization gradient. <i>Journal of Animal Ecology</i> , 2008, 77, 789-795.	2.8	201
4	Big-brained birds survive better in nature. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 763-769.	2.6	181
5	Sex differences in adult lifespan and aging rates of mortality across wild mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8546-8553.	7.1	170
6	Larger groups are more successful in innovative problem solving in house sparrows. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7893-7898.	7.1	165
7	Using the BirdTree.org website to obtain robust phylogenies for avian comparative studies: A primer. <i>Environmental Epigenetics</i> , 2015, 61, 959-965.	1.8	164
8	Habitat urbanization and its effects on birds. <i>Acta Zoologica Academiae Scientiarum Hungaricae</i> , 2015, 61, 373-408.	0.5	160
9	The evolution of sex roles in birds is related to adult sex ratio. <i>Nature Communications</i> , 2013, 4, 1587.	12.8	140
10	Personality Traits and Behavioral Syndromes in Differently Urbanized Populations of House Sparrows (<i>Passer domesticus</i>). <i>PLoS ONE</i> , 2012, 7, e36639.	2.5	139
11	Sex-biased survival predicts adult sex ratio variation in wild birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140342.	2.6	112
12	Impact of urbanization on abundance and phenology of caterpillars and consequences for breeding in an insectivorous bird. <i>Ecological Applications</i> , 2018, 28, 1143-1156.	3.8	100
13	Habituation to human disturbance is faster in urban than rural house sparrows. <i>Behavioral Ecology</i> , 2016, 27, 1304-1313.	2.2	96
14	The genetic sex-determination system predicts adult sex ratios in tetrapods. <i>Nature</i> , 2015, 527, 91-94.	27.8	93
15	Divorce and Infidelity Are Associated with Skewed Adult Sex Ratios in Birds. <i>Current Biology</i> , 2014, 24, 880-884.	3.9	92
16	THE EFFECTS OF DOMINANCE ON SOCIAL FORAGING TACTIC USE IN HOUSE SPARROWS. <i>Behaviour</i> , 2002, 139, 1061-1076.	0.8	90
17	Testosterone and melanin-based black plumage coloration: a comparative study. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1229-1238.	1.4	82
18	Multiple indices of body condition reveal no negative effect of urbanization in adult house sparrows. <i>Landscape and Urban Planning</i> , 2012, 104, 75-84.	7.5	78

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19	Food availability limits avian reproduction in the city: An experimental study on great tits <i>Parus major</i>. <i>Journal of Animal Ecology</i> , 2020, 89, 1570-1580.	2.8	75
20	The effect of energy reserves on social foraging: hungry sparrows scrounge more. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2467-2472.	2.6	71
21	Urbanization, nestling growth and reproductive success in a moderately declining house sparrow population. <i>Journal of Avian Biology</i> , 2012, 43, 403-414.	1.2	70
22	The evolution of parental cooperation in birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13603-13608.	7.1	69
23	Necessity or capacity? Physiological state predicts problem-solving performance in house sparrows. <i>Behavioral Ecology</i> , 2014, 25, 124-135.	2.2	67
24	The effects of predation risk on the use of social foraging tactics. <i>Animal Behaviour</i> , 2004, 67, 301-308.	1.9	65
25	Mortality costs of sexual selection and parental care in natural populations of birds. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 890-7.	2.3	63
26	Multiple Cues in Status Signalling: The Role of Wingbars in Aggressive Interactions of Male House Sparrows. <i>Ethology</i> , 2006, 112, 947-954.	1.1	62
27	Problem-solving performance and reproductive success of great tits in urban and forest habitats. <i>Animal Cognition</i> , 2017, 20, 53-63.	1.8	58
28	Parental care and the evolution of terrestriality in frogs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182737.	2.6	52
29	Response to Predation Risk in Urban and Rural House Sparrows. <i>Ethology</i> , 2011, 117, 896-907.	1.1	51
30	Sex differences in parental care: Gametic investment, sexual selection, and social environment. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2862-2875.	2.3	50
31	Male Badge Size Predicts Dominance Against Females in House Sparrows. <i>Condor</i> , 2001, 103, 151-157.	1.6	49
32	Social Role Specialization Promotes Cooperation between Parents. <i>American Naturalist</i> , 2014, 183, 747-761.	2.1	48
33	Meta-analysis challenges a textbook example of status signalling and demonstrates publication bias. <i>ELife</i> , 2018, 7, .	6.0	48
34	A comparison of problem-solving success between urban and rural house sparrows. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 471-480.	1.4	46
35	MALE BADGE SIZE PREDICTS DOMINANCE AGAINST FEMALES IN HOUSE SPARROWS1. <i>Condor</i> , 2001, 103, 151.	1.6	46
36	Effects of Extreme Weather on Reproductive Success in a Temperate-Breeding Songbird. <i>PLoS ONE</i> , 2013, 8, e80033.	2.5	45

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37	The effects of energy reserves and dominance on the use of social-foraging strategies in the house sparrow. <i>Animal Behaviour</i> , 2006, 72, 747-752.	1.9	44
38	Ecology and allometry predict the evolution of avian developmental durations. <i>Nature Communications</i> , 2020, 11, 2383.	12.8	42
39	Sexual selection and the function of a melanin-based plumage ornament in polygamous penduline tits <i>Remiz pendulinus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 1277-1288.	1.4	41
40	Climate-driven shifts in adult sex ratios via sex reversals: the type of sex determination matters. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160325.	4.0	37
41	Effects of relatedness on social-foraging tactic use in house sparrows. <i>Animal Behaviour</i> , 2009, 77, 337-342.	1.9	36
42	Does urbanization select for weak competitors in house sparrows?. <i>Oikos</i> , 2010, 119, 437-444.	2.7	36
43	Distribution of <i>Carnus hemapterus</i> in a starling colony. <i>Canadian Journal of Zoology</i> , 2001, 79, 574-580.	1.0	34
44	Aggression among female lapwings, <i>Vanellus vanellus</i> . <i>Animal Behaviour</i> , 1997, 54, 797-802.	1.9	28
45	Connecting the data landscape of long-term ecological studies: The SPI-Birds data hub. <i>Journal of Animal Ecology</i> , 2021, 90, 2147-2160.	2.8	25
46	Whom do the sparrows follow? The effect of kinship on social preference in house sparrow flocks. <i>Behavioural Processes</i> , 2009, 82, 173-177.	1.1	23
47	Multiple aspects of plasticity in clutch size vary among populations of a globally distributed songbird. <i>Journal of Animal Ecology</i> , 2014, 83, 876-887.	2.8	23
48	Sex ratios and bimaturism differ between temperature-dependent and genetic sex-determination systems in reptiles. <i>BMC Evolutionary Biology</i> , 2019, 19, 57.	3.2	23
49	Latitudinal gradients in avian colourfulness. <i>Nature Ecology and Evolution</i> , 2022, 6, 622-629.	7.8	21
50	Genetic relatedness in wintering groups of house sparrows (<i>Passer domesticus</i>). <i>Molecular Ecology</i> , 2009, 18, 4696-4706.	3.9	19
51	Sex-biased breeding dispersal is predicted by social environment in birds. <i>Ecology and Evolution</i> , 2018, 8, 6483-6491.	1.9	19
52	Effects of capture and video-recording on the behavior and breeding success of Great Tits in urban and forest habitats. <i>Journal of Field Ornithology</i> , 2017, 88, 299-312.	0.5	18
53	Sex roles in birds: Phylogenetic analyses of the influence of climate, life histories and social environment. <i>Ecology Letters</i> , 2022, 25, 647-660.	6.4	18
54	Innovative females are more promiscuous in great tits (<i>Parus major</i>). <i>Behavioral Ecology</i> , 2017, 28, 579-588.	2.2	17

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55	Sex differences in age-to-maturation relate to sexual selection and adult sex ratios in birds. <i>Evolution Letters</i> , 2020, 4, 44-53.	3.3	17
56	Melanin-Based Black Plumage Coloration is Related to Reproductive Investment in Cardueline Finches. <i>Condor</i> , 2005, 107, 775-787.	1.6	16
57	Does urbanization facilitate individual recognition of humans by house sparrows?. <i>Animal Cognition</i> , 2015, 18, 291-298.	1.8	16
58	Great tits take greater risk toward humans and sparrowhawks in urban habitats than in forests. <i>Ethology</i> , 2019, 125, 686-701.	1.1	16
59	MELANIN-BASED BLACK PLUMAGE COLORATION IS RELATED TO REPRODUCTIVE INVESTMENT IN CARDUELINE FINCHES. <i>Condor</i> , 2005, 107, 775.	1.6	15
60	Kinship and aggression: do house sparrows spare their relatives?. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 1189-1196.	1.4	15
61	Social organization in ungulates: Revisiting Jarman's hypotheses. <i>Journal of Evolutionary Biology</i> , 2021, 34, 604-613.	1.7	15
62	Risk-taking and survival in the House Sparrow <i>Passer domesticus</i> : are plumage ornaments costly?. <i>Ibis</i> , 2008, 150, 139-151.	1.9	13
63	Biologia Futura: adaptive changes in urban populations. <i>Biologia Futura</i> , 2020, 71, 1-8.	1.4	13
64	Contrasting effects of the COVID-19 lockdown on urban birds' reproductive success in two cities. <i>Scientific Reports</i> , 2021, 11, 17649.	3.3	13
65	Status signalling in male but not in female Eurasian Tree Sparrows <i>Passer montanus</i> . <i>Ibis</i> , 2017, 159, 180-192.	1.9	12
66	Evolution of large males is associated with female-skewed adult sex ratios in amniotes. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1636-1649.	2.3	12
67	The effect of artificial light at night on the biomass of caterpillars feeding in urban tree canopies. <i>Urban Ecosystems</i> , 2020, 23, 1311-1319.	2.4	10
68	Degree of anisogamy is unrelated to the intensity of sexual selection. <i>Scientific Reports</i> , 2021, 11, 19424.	3.3	10
69	Environmental factors shaping the distribution of common wintering waterbirds in a lake ecosystem with developed shoreline. <i>Hydrobiologia</i> , 2013, 716, 163-176.	2.0	9
70	Higher Frequency of Extra-Pair Offspring in Urban Than Forest Broods of Great Tits (<i>Parus major</i>). <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	9
71	Climate and mating systems as drivers of global diversity of parental care in frogs. <i>Global Ecology and Biogeography</i> , 2020, 29, 1373-1386.	5.8	9
72	Great tits feed their nestlings with more but smaller prey items and fewer caterpillars in cities than in forests. <i>Scientific Reports</i> , 2021, 11, 24161.	3.3	9

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73	Methamphetamine-induced stereotypies in newly-hatched decerebrated domestic chicks. <i>Neurochemical Research</i> , 1999, 24, 1563-1569.	3.3	8
74	Obtaining accurate measurements of the size and volume of insects fed to nestlings from video recordings. <i>Journal of Field Ornithology</i> , 2018, 89, 165-172.	0.5	8
75	Conservation biology research priorities for 2050: A Central-Eastern European perspective. <i>Biological Conservation</i> , 2021, 264, 109396.	4.1	8
76	Does ecology and life history predict parental cooperation in birds? A comparative analysis. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, .	1.4	8
77	Urban nestlings have reduced number of feathers in Great Tits (<i>Parus major</i>). <i>Ibis</i> , 2021, 163, 1369-1378.	1.9	6
78	Extreme Hot Weather Has Stronger Impacts on Avian Reproduction in Forests Than in Cities. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	6
79	Mortality cost of sex-specific parasitism in wild bird populations. <i>Scientific Reports</i> , 2020, 10, 20983.	3.3	5
80	Are evolutionary transitions in sexual size dimorphism related to sex determination in reptiles?. <i>Journal of Evolutionary Biology</i> , 2021, 34, 594-603.	1.7	5
81	Does Innovation Success Influence Social Interactions? An Experimental Test in House Sparrows. <i>Ethology</i> , 2015, 121, 661-673.	1.1	4
82	Consistency and plasticity of risk-taking behaviour towards humans at the nest in urban and forest great tits, <i>Parus major</i> . <i>Animal Behaviour</i> , 2021, 179, 161-172.	1.9	4
83	Migration of Mallards (<i>Anas platyrhynchos</i>) in Hungary: Migration phenology, the origin of migrants, and long-term changes. <i>Ring and Migration</i> , 2009, 24, 259-265.	0.4	3
84	Scavenging behaviour and size-dependent carcass consumption of the black bullhead (<i>Ameiurus melas</i>). <i>Journal of Fish Biology</i> , 2020, 97, 1113-1119.	1.6	3
85	Does offspring sex ratio differ between urban and forest populations of great tits (<i>Parus major</i>)?. <i>Biologia Futura</i> , 2020, 71, 99-108.	1.4	3
86	Habitat preference of Common Sandpipers (<i>Actitis hypoleucos</i>) along the River Rába, Hungary. <i>Ornis Hungarica</i> , 2013, 21, 26-35.	0.4	2
87	Differences in feather structure between urban and forest great tits: constraint or adaptation?. <i>Journal of Avian Biology</i> , 2022, 2022, .	1.2	2
88	Double-brooding and annual breeding success of great tits in urban and forest habitats. <i>Environmental Epigenetics</i> , 2022, 68, 517-525.	1.8	1