Anders Pape MÃ¸ller

List of Publications by Year
in descending order

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Version: 2024-02-01

83 papers	8,861 citations	46918 47 h-index	62479 80 g-index
83 all docs	83 docs citations	83 times ranked	6227 citing authors

#	Article	IF	Citations
1	Female choice selects for male sexual tail ornaments in the monogamous swallow. Nature, 1988, 332, 640-642.	13.7	613
2	Populations of migratory bird species that did not show a phenological response to climate change are declining. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16195-16200.	3.3	610
3	Female swallow preference for symmetrical male sexual ornaments. Nature, 1992, 357, 238-240.	13.7	470
4	Cost of reproduction and covariation of life history traits in birds. Trends in Ecology and Evolution, 1989, 4, 367-371.	4.2	356
5	Testing and adjusting for publication bias. Trends in Ecology and Evolution, 2001, 16, 580-586.	4.2	356
6	Fluctuating asymmetry in male sexual ornaments may reliably reveal male quality. Animal Behaviour, 1990, 40, 1185-1187.	0.8	352
7	DEVELOPMENTAL STABILITY, DISEASE AND MEDICINE. Biological Reviews, 1997, 72, 497-548.	4.7	336
8	Malarial parasites decrease reproductive success: an experimental study in a passerine bird. Oecologia, 2005, 142, 541-545.	0.9	324
9	Ecological conditions during winter predict arrival date at the breeding quarters in a trans-Saharan migratory bird. Ecology Letters, 2004, 7, 21-25.	3.0	239
10	Viability costs of male tail ornaments in a swallow. Nature, 1989, 339, 132-135.	13.7	222
11	Advantages and disadvantages of coloniality in the swallow, Hirundo rustica. Animal Behaviour, 1987, 35, 819-832.	0.8	213
12	Does immune response cause oxidative stress in birds? A meta-analysis. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, 339-344.	0.8	213
13	Experimental manipulation of egg carotenoids affects immunity of barn swallow nestlings. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2485-2489.	1.2	199
14	Coevolving avian eye size and brain size in relation to prey capture and nocturnality. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 961-967.	1.2	187
15	Sexual selection, feather breakage and parasites: the importance of white spots in the tail of the barn swallow (Hirundo rustica). Behavioral Ecology and Sociobiology, 1999, 45, 430-436.	0.6	182
16	Immunocompetence and Nestling Survival in the House Martin: The Tasty Chick Hypothesis. Oikos, 1998, 83, 175.	1.2	181
17	Immune response and survival. Oikos, 2004, 104, 299-304.	1.2	175
18	Immune function and survival of great tit nestlings in relation to growth conditions. Oecologia, 1999, 121, 316.	0.9	163

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19	Breast asymmetry, sexual selection, and human reproductive success. Ethology and Sociobiology, 1995, 16, 207-219.	1.4	160
20	Ecological conditions during winter affect sexual selection and breeding in a migratory bird. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 681-686.	1.2	153
21	Sexual ornamentation and immunocompetence in the barn swallow. Behavioral Ecology, 1996, 7, 227-232.	1.0	144
22	MALARIA AND RISK OF PREDATION: A COMPARATIVE STUDY OF BIRDS. Ecology, 2007, 88, 871-881.	1.5	140
23	Male tail length and female mate choice in the monogamous swallow Hirundo rustica. Animal Behaviour, 1990, 39, 458-465.	0.8	133
24	Female preference for apparently symmetrical male sexual ornaments in the barn swallow Hirundo rustica. Behavioral Ecology and Sociobiology, 1993, 32, 371-376.	0.6	111
25	PARASITISM, IMMUNITY, AND ARRIVAL DATE IN A MIGRATORY BIRD, THE BARN SWALLOW. Ecology, 2004, 85, 206-219.	1.5	110
26	EFFECTS OF A HAEMATOPHAGOUS MITE ON THE BARN SWALLOW (HIRUNDO RUSTICA): A TEST OF THE HAMILTON AND ZUK HYPOTHESIS. Evolution; International Journal of Organic Evolution, 1990, 44, 771-784.	1.1	107
27	Genetic and environmental components of phenotypic variation in immune response and body size of a colonial bird, Delichon urbica (the house martin). Heredity, 2000, 85, 75-83.	1.2	106
28	Eggâ€“laying capacity is limited by carotenoid pigment availability in wild gulls Larus fuscus. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S79-81.	1.2	104
29	Nest building is a sexually selected behaviour in the barn swallow. Animal Behaviour, 1998, 56, 1435-1442.	0.8	99
30	Barn swallows trade survival against offspring condition and immunocompetence. Journal of Animal Ecology, 1999, 68, 999-1009.	1.3	95
31	Early maternal effects mediated by immunity depend on sexual ornamentation of the male partner. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1005-1009.	1.2	94
32	Strong effects of ionizing radiation from Chernobyl on mutation rates. Scientific Reports, 2015, 5, 8363.	1.6	91
33	Parasite load reduces song output in a passerine bird. Animal Behaviour, 1991, 41, 723-730.	0.8	89
34	Growth conditions affect carotenoid-based plumage coloration of great tit nestlings. Die Naturwissenschaften, 2000, 87, 460-464.	0.6	87
35	A meta-analysis of the effects of geolocator application on birds. Environmental Epigenetics, 2013, 59, 697-706.	0.9	86
36	Begging and Parental Care in Relation to Offspring Need and Condition in the Barn Swallow (Hirundo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.0	81

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37	SEXUAL SELECTION IN THE MONOGAMOUS BARN SWALLOW (HIRUNDO RUSTICA). I. DETERMINANTS OF TAIL ORNAMENT SIZE. Evolution; International Journal of Organic Evolution, 1991, 45, 1823-1836.	1.1	78
38	Sexual behavior is related to badge size in the house sparrow Passer domesticus. Behavioral Ecology and Sociobiology, 1990, 27, 23.	0.6	74
39	Effects of climate change on European ducks: what do we know and what do we need to know?. Wildlife Biology, 2013, 19, 404-419.	0.6	71
40	Morphological Adaptations to Migration in Birds. Evolutionary Biology, 2016, 43, 48-59.	0.5	69
41	Geographical and seasonal variation in the intensity of sexual selection in the barn swallow <scp>H</scp>irundo rustica: a metaâ€analysis. Biological Reviews, 2017, 92, 1582-1600.	4.7	63
42	Developmental Selection Against Developmentally Unstable Offspring and Sexual Selection. Journal of Theoretical Biology, 1997, 185, 415-422.	0.8	62
43	A review of developmental instability, parasitism and disease. Infection, Genetics and Evolution, 2006, 6, 133-140.	1.0	61
44	The cost of secondary sexual characters and the evolution of costâ€reducing traits. Ibis, 1996, 138, 112-119.	1.0	57
45	SEXUAL SELECTION, VIABILITY SELECTION, AND DEVELOPMENTAL STABILITY IN THE DOMESTIC FLYMUSCA DOMESTICA. Evolution; International Journal of Organic Evolution, 1996, 50, 746-752.	1.1	56
46	Developmental Stability Is Related to Fitness. American Naturalist, 1999, 153, 556-560.	1.0	54
47	Heterogeneity in stable isotope profiles predicts coexistence of populations of barn swallows Hirundo rustica differing in morphology and reproductive performance. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1355-1362.	1.2	47
48	Flight distance and blood parasites in birds. Behavioral Ecology, 2008, 19, 1305-1313.	1.0	47
49	Sexual selection in the barn swallow (Hirundo rustica). V. Geographic variation in ornament size. Journal of Evolutionary Biology, 1995, 8, 3-19.	0.8	46
50	A longitudinal study of ageâ€related changes in Haemoproteus infection in a passerine bird. Oikos, 2016, 125, 1092-1099.	1.2	45
51	Interval between clutches, fitness, and climate change. Behavioral Ecology, 2007, 18, 62-70.	1.0	42
52	Densityâ€dependent Extraâ€pair Copulations in the Swallow Hirundo rustica. Ethology, 1991, 87, 316-329.	0.5	39
53	Volume and antimicrobial activity of secretions of the uropygial gland are correlated with malaria infection in house sparrows. Parasites and Vectors, 2016, 9, 232.	1.0	39
54	American Exceptionalism: Population Trends and Flight Initiation Distances in Birds from Three Continents. PLoS ONE, 2014, 9, e107883.	1.1	38

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55	Phenotypic variation and fluctuating asymmetry in sexually dimorphic feather ornaments in relation to sex and mating system. Biological Journal of the Linnean Society, 1999, 68, 505-529.	0.7	35
56	Climate change and micro-geographic variation in laying date. Oecologia, 2008, 155, 845-857.	0.9	34
57	Growth and developmental instability. Veterinary Journal, 2003, 166, 19-27.	0.6	33
58	Climate, body condition and spleen size in birds. Oecologia, 2003, 137, 621-626.	0.9	32
59	Tardy females, impatient males: protandry and divergent selection on arrival date in the two sexes of the barn swallow. Behavioral Ecology and Sociobiology, 2007, 61, 1311-1319.	0.6	31
60	The preening activity of swallows, Hirundo rustica, in relation to experimentally manipulated loads of haematophagous mites. Animal Behaviour, 1991, 42, 251-260.	0.8	25
61	Parasite Infestation and Parental Care in the Barn SwallowHirundo rusticala Test of the Resourceâ€provisioning Model of Parasiteâ€mediated Sexual Selection. Ethology, 1994, 97, 215-225.	0.5	25
62	Interactive effects of fearfulness and geographical location on bird population trends. Behavioral Ecology, 2015, 26, 716-721.	1.0	25
63	Do male barn swallows (Hirundo rustica) experience a trade-off between the expression of multiple sexual signals?. Behavioral Ecology and Sociobiology, 2003, 54, 465-471.	0.6	22
64	Fitness costs of an immune response in the house martin (Delichon urbica). Behavioral Ecology and Sociobiology, 2007, 61, 1573-1580.	0.6	22
65	Energetic cost of tail streamers in the barn swallow (Hirundo rustica). Oecologia, 1996, 108, 252-258.	0.9	21
66	Length of tail streamers in barn swallows. Nature, 1999, 397, 115-115.	13.7	21
67	Fine morphology of experimental tail streamers and flight manoeuvrability in the house martin Delichon urbica. Functional Ecology, 2009, 23, 389-396.	1.7	20
68	Developmental Stability and Signalling among Cells. Journal of Theoretical Biology, 1998, 193, 497-506.	0.8	19
69	High heritable variation of a male secondary sexual character revealed by extraâ€pair fertilization in the barn swallow. Italian Journal of Zoology, 2003, 70, 167-174.	0.6	18
70	DEVELOPMENTAL STABILITY, DISEASE AND MEDICINE. Biological Reviews, 1997, 72, 497-548.	4.7	18
71	SURVIVAL RATE OF ADULT BARN SWALLOWS HIRUNDO RUSTICA IN RELATION TO SEXUAL SELECTION AND REPRODUCTION. Ecology, 2002, 83, 2220-2228.	1.5	14
72	Fertilizer Leakage to the Marine Environment, Ecosystem Effects and Population Trends of Waterbirds in Denmark. Ecosystems, 2015, 18, 30-44.	1.6	14

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73	Effects of livestock farming on birds of rural areas in Europe. Biodiversity and Conservation, 2016, 25, 615-631.	1.2	14
74	Flight, fitness, and sexual selection. Behavioral Ecology, 2001, 12, 511-512.	1.0	12
75	Distribution of arrival dates in a migratory bird in relation to environmental conditions, natural selection and sexual selection. Ethology Ecology and Evolution, 2008, 20, 193-210.	0.6	10
76	Artefactual effects of tail manipulation on fitness. Animal Behaviour, 2012, 83, e1-e3.	0.8	6
77	Population differences in density and resource allocation of ornamental tail feathers in the barn swallow. Biological Journal of the Linnean Society, 2012, 105, 925-936.	0.7	5
78	Exploring the adjustment to parasite pressure hypothesis: differences in uropygial gland volume and haemosporidian infection in palearctic and neotropical birds. Environmental Epigenetics, 2021, 67, 147-156.	0.9	5
79	Environmental Indicators of Climate Change: Phenological Aspects. , 2015, , 39-49.		4
80	Female preference for symmetric calls in a grasshopper. Ethology Ecology and Evolution, 2001, 13, 261-272.	0.6	3
81	18. Sexual Selection in the Barn Swallow. , 2002, , 359-378.		3
82	Multiple components of environmental change drive populations of breeding waders in seminatural grasslands. Ecology and Evolution, 2018, 8, 10489-10496.	0.8	1
83	Evolutionary Conflicts and Adapted Psychologies. Novartis Foundation Symposium, 1997, 208, 39-50.	1.2	0