Anne Peters

List of Publications by Year
in descending order

105	5,095	39	67
papers	citations	h-index	g-index
		81900	98798

108	108	108	4901
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Declining body size: a third universal response to warming?. Trends in Ecology and Evolution, 2011, 26, 285-291.	8.7	845
2	Testosterone treatment is immunosuppressive in superb fairyâ€“wrens, yet freeâ€“living males with high testosterone are more immunocompetent. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 883-889.	2.6	241
3	Life history trade-offs are influenced by the diversity, availability and interactions of dietary antioxidants. Animal Behaviour, 2008, 76, 1107-1119.	1.9	208
4	Sources of individual variation in plasma testosterone levels. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1711-1723.	4.0	161
5	Paternity analysis reveals opposing selection pressures on crown coloration in the blue tit (Parus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.6	122
6	Testosterone is involved in acquisition and maintenance of sexually selected male plumage in superb fairy-wrens, Malurus cyaneus. Behavioral Ecology and Sociobiology, 2000, 47, 438-445.	1.4	114
7	Visual mimicry of host nestlings by cuckoos. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2455-2463.	2.6	111
8	The evolution of egg rejection by cuckoo hosts in Australia and Europe. Behavioral Ecology, 2005, 16, 686-692.	2.2	110
9	Coordination between the sexes for territorial defence in a duetting fairy-wren. Animal Behaviour, 2008, 76, 65-73.	1.9	105
10	Earlyâ€life telomere length predicts lifespan and lifetime reproductive success in a wild bird. Molecular Ecology, 2019, 28, 1127-1137.	3.9	102
11	The annual testosterone profile in cooperatively breeding superb fairy-wrens, Malurus cyaneus , reflects their extreme infidelity. Behavioral Ecology and Sociobiology, 2001, 50, 519-527.	1.4	101
12	Tradeâ€Offs between Immune Investment and Sexual Signaling in Male Mallards. American Naturalist, 2004, 164, 51-59.	2.1	98
13	Paternity in mallards: effects of sperm quality and female sperm selection for inbreeding avoidance. Behavioral Ecology, 2005, 16, 825-833.	2.2	92
14	Male sexual attractiveness and parental effort in blue tits: a test of the differential allocation hypothesis. Animal Behaviour, 2005, 70, 877-888.	1.9	88
15	Seasonal changes in blue tit crown color: do they signal individual quality?. Behavioral Ecology, 2006, 17, 790-798.	2.2	81
16	Multiple benefits of cooperative breeding in purpleâ€crowned fairyâ€wrens: a consequence of fidelity?. Journal of Animal Ecology, 2010, 79, 757-768.	2.8	81
17	Cosmetic Coloration in Birds: Occurrence, Function, and Evolution. American Naturalist, 2007, 169, S145-S158.	2.1	80
18	Male Songbird Indicates Body Size with Low-Pitched Advertising Songs. PLoS ONE, 2013, 8, e56717.	2.5	76

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19	The Conditionâ€Dependent Development of Carotenoidâ€Based and Structural Plumage in Nestling Blue Tits: Males and Females Differ. American Naturalist, 2007, 169, S122-S136.	2.1	69
20	Testosterone treatment suppresses paternal care in superb fairy-wrens, Malurus cyaneus, despite their concurrent investment in courtship. Behavioral Ecology and Sociobiology, 2002, 51, 538-547.	1.4	68
21	Testosterone and carotenoids: an integrated view of trade-offs between immunity and sexual signalling. BioEssays, 2007, 29, 427-430.	2.5	68
22	Radical loss of an extreme extra-pair mating system. BMC Ecology, 2009, 9, 15.	3.0	67
23	Immunosenescence in wild animals: metaâ€analysis and outlook. Ecology Letters, 2019, 22, 1709-1722.	6.4	62
24	Conditionâ€dependence of multiple carotenoidâ€based plumage traits: an experimental study. Functional Ecology, 2008, 22, 831-839.	3.6	61
25	Individual and demographic consequences of reduced body condition following repeated exposure to high temperatures. Ecology, 2016, 97, 786-795.	3.2	56
26	Multiple Benefits Drive Helping Behavior in a Cooperatively Breeding Bird: An Integrated Analysis. American Naturalist, 2011, 177, 486-495.	2.1	52
27	Conservation implications of anthropogenic impacts on visual communication and camouflage. Conservation Biology, 2017, 31, 30-39.	4.7	52
28	Age-dependent association between testosterone and crown UV coloration in male blue tits (Parus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	51
29	Seasonal Changes in Colour: A Comparison of Structural, Melanin- and Carotenoid-Based Plumage Colours. PLoS ONE, 2010, 5, e11582.	2.5	51
30	Multiple hypotheses explain variation in extraâ€pair paternity at different levels in a single bird family. Molecular Ecology, 2017, 26, 6717-6729.	3.9	51
31	Rapid plastic breeding response to rain matches peak prey abundance in a tropical savanna bird. Journal of Animal Ecology, 2019, 88, 1799-1811.	2.8	51
32	Testosterone increases UV reflectance of sexually selected crown plumage in male blue tits. Behavioral Ecology, 2009, 20, 535-541.	2.2	50
33	A practical framework to analyze variation in animal colors using visual models. Behavioral Ecology, 2015, 26, 367-375.	2.2	50
34	Quantifying Variability of Avian Colours: Are Signalling Traits More Variable?. PLoS ONE, 2008, 3, e1689.	2.5	49
35	Fertilization success and UV ornamentation in blue tits Cyanistes caeruleus: correlational and experimental evidence. Behavioral Ecology, 2007, 18, 399-409.	2.2	45
36	No evidence for general conditionâ€dependence of structural plumage colour in blue tits: an experiment. Journal of Evolutionary Biology, 2011, 24, 976-987.	1.7	45

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37	Breeding synchronization facilitates extrapair mating for inbreeding avoidance. Behavioral Ecology, 2013, 24, 1390-1397.	2.2	45
38	Is testosterone immunosuppressive in a condition-dependent manner? An experimental test in blue tits. Journal of Experimental Biology, 2009, 212, 1811-1818.	1.7	44
39	Dynamic size responses to climate change: prevailing effects of rising temperature drive longâ€term body size increases in a semiâ€arid passerine. Global Change Biology, 2014, 20, 2062-2075.	9.5	43
40	Testosterone and the trade-off between mating and paternal effort in extrapair-mating superb fairy-wrens. Animal Behaviour, 2002, 64, 103-112.	1.9	40
41	Increasing the accuracy and precision of relative telomere length estimates by RT qPCR. Molecular Ecology Resources, 2018, 18, 68-78.	4.8	39
42	Impact of Artificial Lighting on the Seaward Orientation of Hatchling Loggerhead Turtles. Journal of Herpetology, 1994, 28, 112.	0.5	34
43	Do male paternity guards ensure female fidelity in a duetting fairy-wren?. Behavioral Ecology, 2009, 20, 222-228.	2.2	33
44	Brood sex ratio and male UV ornamentation in blue tits (Cyanistes caeruleus): correlational evidence and an experimental test. Behavioral Ecology and Sociobiology, 2007, 61, 853-862.	1.4	32
45	Temporal patterns of avian body size reflect linear size responses to broadscale environmental change over the last 50 years. Journal of Avian Biology, 2014, 45, 529-535.	1.2	31
46	Increased conspicuousness can explain the match between visual sensitivities and blue plumage colours in fairy-wrens. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20121771.	2.6	30
47	Conspicuous Plumage Does Not Increase Predation Risk: A Continent-Wide Test Using Model Songbirds. American Naturalist, 2019, 193, 359-372.	2.1	30
48	Evolutionary drivers of seasonal plumage colours: colour change by moult correlates with sexual selection, predation risk and seasonality across passerines. Ecology Letters, 2019, 22, 1838-1849.	6.4	29
49	Do simultaneous hermaphrodites choose their mates? Effects of body size in a planarian flatworm. Freshwater Biology, 1996, 36, 623-630.	2.4	28
50	Experimental manipulation of testosterone and condition during molt affects activity and vocalizations of male blue tits. Hormones and Behavior, 2008, 54, 263-269.	2.1	28
51	Mating Behaviour in a Hermaphroditic Flatworm with Reciprocal Insemination: Do They Assess Their Mates during Copulation?. Ethology, 1996, 102, 236-251.	1.1	28
52	Problems with using largeâ€scale oceanic climate indices to compare climatic sensitivities across populations and species. Ecography, 2013, 36, 249-255.	4.5	27
53	No evidence for offspring sex-ratio adjustment to social or environmental conditions in cooperatively breeding purple-crowned fairy-wrens. Behavioral Ecology and Sociobiology, 2011, 65, 1203-1213.	1.4	26
54	Individual and demographic consequences of reduced body condition following repeated exposure to high temperatures. Ecology, 2016, 97, 786-95.	3.2	26

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55	The carotenoid-continuum: carotenoid-based plumage ranges from conspicuous to cryptic and back again. BMC Ecology, 2010, 10, 13.	3.0	25
56	Causes of Ring-Related Leg Injuries in Birds â€“ Evidence and Recommendations from Four Field Studies. PLoS ONE, 2012, 7, e51891.	2.5	25
57	Seasonal male plumage as a multi-component sexual signal: insights and opportunities. Emu, 2013, 113, 232-247.	0.6	25
58	Colourâ€variable birds have broader ranges, wider niches and are less likely to be threatened. Journal of Evolutionary Biology, 2013, 26, 1559-1568.	1.7	24
59	Are natural history collections coming to an end as timeâ€series?. Frontiers in Ecology and the Environment, 2014, 12, 436-438.	4.0	24
60	Cooperative breeding and the emergence of multilevel societies in birds. Ecology Letters, 2022, 25, 766-777.	6.4	24
61	Conspicuous plumage colours are highly variable. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162593.	2.6	23
62	Habitat structure is linked to the evolution of plumage colour in female, but not male, fairy-wrens. BMC Evolutionary Biology, 2017, 17, 35.	3.2	23
63	Bright birds are cautious: seasonally conspicuous plumage prompts risk avoidance by male superb fairy-wrens. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170446.	2.6	23
64	Testosterone treatment of female Superb Fairy-wrens Malurus cyaneus induces a male-like prenuptial moult, but no coloured plumage. Ibis, 2006, 149, 121-127.	1.9	22
65	Personality and innate immune defenses in a wild bird: Evidence for the pace-of-life hypothesis. Hormones and Behavior, 2017, 88, 31-40.	2.1	22
66	Rewilding immunology. Science, 2020, 369, 37-38.	12.6	22
67	Hot and dry conditions predict shorter nestling telomeres in an endangered songbird: Implications for population persistence. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	22
68	Australian songbird body size tracks climate variation: 82 species over 50 years. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192258.	2.6	20
69	Territorial responses of male blue tits, Cyanistes caeruleus, to UV-manipulated neighbours. Journal of Ornithology, 2007, 148, 179.	1.1	18
70	Optical properties of the uropygial gland secretion: no evidence for UV cosmetics in birds. Die Naturwissenschaften, 2008, 95, 939-946.	1.6	18
71	The effect of colourâ€producing mechanisms on plumage sexual dichromatism in passerines and parrots. Functional Ecology, 2017, 31, 903-914.	3.6	17
72	Multiple components of feather microstructure contribute to structural plumage colour diversity in fairy-wrens. Biological Journal of the Linnean Society, 2019, 128, 550-568.	1.6	17

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73	Evidence for Lack of Inbreeding Avoidance by Selective Mating in a Simultaneous Hermaphrodite. Invertebrate Biology, 1996, 115, 99.	0.9	16
74	Predator defense is shaped by risk, brood value and social group benefits in a cooperative breeder. Behavioral Ecology, 2020, 31, 761-771.	2.2	16
75	The carotenoid conundrum: improved nutrition boosts plasma carotenoid levels but not immune benefits of carotenoid supplementation. Oecologia, 2011, 166, 35-43.	2.0	15
76	Persistent low avian malaria in a tropical species despite high community prevalence. International Journal for Parasitology: Parasites and Wildlife, 2019, 8, 88-93.	1.5	15
77	Fitness outcomes in relation to individual variation in constitutive innate immune function. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201997.	2.6	15
78	Context-dependent social benefits drive cooperative predator defense in a bird. Current Biology, 2021, 31, 4120-4126.e4.	3.9	15
79	No consistent female preference for higher crown UV reflectance in Blue Tits <i>Cyanistes caeruleus</i>: a mate choice experiment. Ibis, 2010, 152, 393-396.	1.9	14
80	From ornament to armament or loss of function? Breeding plumage acquisition in a genetically monogamous bird. Journal of Animal Ecology, 2018, 87, 1274-1285.	2.8	14
81	Short-Term Climate Variation Drives Baseline Innate Immune Function and Stress in a Tropical Bird: A Reactive Scope Perspective. Physiological and Biochemical Zoology, 2019, 92, 140-151.	1.5	14
82	Rejection of brood-parasitic shiny cowbird Molothrus bonariensis nestlings by the firewood-gatherer Anumbius annumbi?. Journal of Avian Biology, 2011, 42, 463-467.	1.2	12
83	Nest defence and offspring provisioning in a cooperative bird: individual subordinates vary in total contribution, but no division of tasks among breeders and subordinates. Behavioral Ecology and Sociobiology, 2020, 74, 1.	1.4	12
84	Dietary flavonoids enhance conspicuousness of a melaninâ€based trait in male blackcaps but not of the female homologous trait or of sexually monochromatic traits. Journal of Evolutionary Biology, 2009, 22, 1649-1657.	1.7	11
85	Seasonal Variation in Reproductive Output of a Neotropical Temperate Suboscine, the Firewood-gatherer (<i>Anumbius annumbi</i>). Auk, 2010, 127, 222-231.	1.4	11
86	Telomere dynamics in the first year of life, but not later in life, predict lifespan in a wild bird. Molecular Ecology, 2022, 31, 6008-6017.	3.9	11
87	The influence of nest-site choice and predator sensory cues on nesting success in the Crimson Finch (<i>Neochmia phaeton</i>). Emu, 2015, 115, 317-325.	0.6	10
88	No fitness benefits of early molt in a fairy-wren: relaxed sexual selection under genetic monogamy?. Behavioral Ecology, 2017, 28, 1055-1067.	2.2	9
89	Telomere length declines with age, but relates to immune function independent of age in a wild passerine. Royal Society Open Science, 2022, 9, .	2.4	9
90	Extra-pair paternity and mate-guarding behaviour in the brown thornbill. Australian Journal of Zoology, 2002, 50, 565.	1.0	8

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91	Testosterone treatment can increase circulating carotenoids but does not affect yellow carotenoidâ€based plumage colour in blue tits <i>Cyanistes caeruleus</i>. Journal of Avian Biology, 2012, 43, 362-368.	1.2	8
92	Sperm storage reflects within- and extra-pair mating opportunities in a cooperatively breeding bird. Behavioral Ecology and Sociobiology, 2012, 66, 1115-1123.	1.4	7
93	The evolution of delayed dispersal and different routes to breeding in social birds. Advances in the Study of Behavior, 2021, 53, 163-224.	1.6	7
94	Are longâ€term widespread avian body size changes related to food availability? A test using contemporaneous changes in carotenoidâ€based color. Ecology and Evolution, 2017, 7, 3157-3166.	1.9	6
95	Complex nest decorations of a small brown bird in the Pampas. Frontiers in Ecology and the Environment, 2017, 15, 406-407.	4.0	6
96	Male fairy-wrens produce and maintain vibrant breeding colors irrespective of individual quality. Behavioral Ecology, 2021, 32, 178-187.	2.2	6
97	Incest avoidance, extrapair paternity, and territory quality drive divorce in a year-round territorial bird. Behavioral Ecology, 0, , arw101.	2.2	5
98	Physiological costs and age constraints of a sexual ornament: an experimental study in a wild bird. Behavioral Ecology, 2021, 32, 327-338.	2.2	5
99	More than kin: subordinates foster strong bonds with relatives and potential mates in a social bird. Behavioral Ecology, 2018, , .	2.2	3
100	No evidence for an adaptive role of early molt into breeding plumage in a female fairy wren. Behavioral Ecology, 2020, 31, 411-420.	2.2	3
101	Variability, heritability and condition-dependence of the multidimensional male colour phenotype in a passerine bird. Heredity, 2021, 127, 300-311.	2.6	3
102	No evidence of constitutive innate immune senescence in a longitudinal study of a wild bird. Physiological and Biochemical Zoology, 2022, 95, 54-65.	1.5	3
103	Carotenoidâ€based plumage colour saturation increases with temperature in Australian passerines. Journal of Biogeography, 2020, 47, 2671-2683.	3.0	3
104	Fat quill secretion in pigeons: could it function as a cosmetic?. Animal Biology, 2010, 60, 69-78.	1.0	1
105	Predator suppression by a toxic invader does not cascade to prey due to predation by alternate predators. Biological Invasions, 0, , .	2.4	1