

Frances Bonier

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,948
citations

279798

23
h-index

214800

47
g-index

52
all docs

52
docs citations

52
times ranked

2653
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasticity versus Evolutionary Divergence: What Causes Habitat Partitioning in Urban-Adapted Birds?. <i>American Naturalist</i> , 2021, 197, 60-74.	2.1	5
2	Cytonuclear discordance in the crowned-sparrows, <i>Zonotrichia atricapilla</i> and <i>Zonotrichia leucophrys</i> . <i>Molecular Phylogenetics and Evolution</i> , 2021, 162, 107216.	2.7	7
3	Do hormone manipulations reduce fitness? A meta-analytic test of the Optimal Endocrine Phenotype Hypothesis. <i>Molecular and Cellular Endocrinology</i> , 2020, 500, 110640.	3.2	28
4	Population decline in tree swallows (<i>Tachycineta bicolor</i>) linked to climate change and inclement weather on the breeding ground. <i>Oecologia</i> , 2020, 192, 713-722.	2.0	21
5	Prenatal aromatase inhibition alters postnatal immunity in domestic chickens (<i>Gallus gallus</i>). <i>General and Comparative Endocrinology</i> , 2020, 294, 113497.	1.8	1
6	A comparison of sex, morphology, physiology and behavior of black-capped chickadees trapped using two common capture methods. <i>PeerJ</i> , 2020, 8, e10037.	2.0	2
7	Winter corticosterone and body condition predict breeding investment in a nonmigratory bird. <i>Behavioral Ecology</i> , 2019, 30, 1642-1652.	2.2	9
8	Innovative consumers: ecological, behavioral, and physiological predictors of responses to novel food. <i>Behavioral Ecology</i> , 2019, 30, 1216-1225.	2.2	16
9	Rainy springs linked to poor nestling growth in a declining avian aerial insectivore (<i>Tachycineta</i>). <i>Journal of Great Lakes Research</i> , 2019, 45, 107-114.	2.6	56
10	Exogenous glucocorticoids amplify the costs of infection by reducing resistance and tolerance, but effects are mitigated by co-infection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182913.	2.6	16
11	Higher plasma corticosterone is associated with reduced costs of infection in red-winged blackbirds. <i>General and Comparative Endocrinology</i> , 2018, 256, 89-98.	1.8	10
12	Species interactions limit the occurrence of urban-adapted birds in cities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11495-E11504.	7.1	57
13	Should I stay, or should I go: Modeling optimal flight initiation distance in nesting birds. <i>PLoS ONE</i> , 2018, 13, e0208210.	2.5	9
14	A New Framework for Urban Ecology: An Integration of Proximate and Ultimate Responses to Anthropogenic Change. <i>Integrative and Comparative Biology</i> , 2018, 58, 915-928.	2.0	41
15	Demographic drivers of local population decline in Tree Swallows (<i>Tachycineta bicolor</i>) in Ontario, Canada. <i>Condor</i> , 2018, 120, 842-851.	1.6	25
16	Repeatability of glucocorticoid hormones in vertebrates: a meta-analysis. <i>PeerJ</i> , 2018, 6, e4398.	2.0	56
17	Male song sparrows have elevated testosterone in response to neighbors versus strangers. <i>Hormones and Behavior</i> , 2017, 93, 47-52.	2.1	13
18	Red-winged blackbirds (<i>Agelaius phoeniceus</i>) with higher baseline glucocorticoids also invest less in incubation and clutch mass. <i>Hormones and Behavior</i> , 2017, 90, 1-7.	2.1	37

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19	An experimental test of the physiological consequences of avian malaria infection. <i>Journal of Animal Ecology</i> , 2017, 86, 1483-1496.	2.8	44
20	Strategic adjustment of parental care in tree swallows: life-history trade-offs and the role of glucocorticoids. <i>Royal Society Open Science</i> , 2016, 3, 160740.	2.4	8
21	A meta-analysis of relationships between polychlorinated biphenyl exposure and performance across studies of free-ranging tree swallows (<i>Tachycineta bicolor</i>). <i>Royal Society Open Science</i> , 2016, 3, 150634.	2.4	2
22	How can we estimate natural selection on endocrine traits? Lessons from evolutionary biology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161887.	2.6	60
23	Evolutionary Endocrinology: Hormones as Mediators of Evolutionary Phenomena: An Introduction to the Symposium. <i>Integrative and Comparative Biology</i> , 2016, 56, 121-125.	2.0	19
24	Hormones as Mediators of Phenotypic and Genetic Integration: an Evolutionary Genetics Approach. <i>Integrative and Comparative Biology</i> , 2016, 56, 126-137.	2.0	62
25	Weather matters: begging calls are temperature- and size-dependent signals of offspring state. <i>Behaviour</i> , 2016, 153, 871-896.	0.8	4
26	Analysis of the Optimal Duration of Behavioral Observations Based on an Automated Continuous Monitoring System in Tree Swallows (<i>Tachycineta bicolor</i>): Is One Hour Good Enough?. <i>PLoS ONE</i> , 2015, 10, e0141194.	2.5	28
27	Low cost audiovisual playback and recording triggered by radio frequency identification using Raspberry Pi. <i>PeerJ</i> , 2015, 3, e877.	2.0	14
28	Extrapair Paternity Rates Vary with Latitude and Elevation in Emberizid Sparrows. <i>American Naturalist</i> , 2014, 183, 54-61.	2.1	23
29	Experimental Food Restriction Reveals Individual Differences in Corticosterone Reaction Norms with No Oxidative Costs. <i>PLoS ONE</i> , 2014, 9, e110564.	2.5	61
30	High rates of extra-pair paternity in two equatorial populations of rufous-collared sparrow, <i>Zonotrichia capensis</i> . <i>Journal of Avian Biology</i> , 2013, 44, 600-602.	1.2	16
31	Coping with Uncertainty: Integrating Physiology, Behavior, and Evolutionary Ecology in a Changing World. <i>Integrative and Comparative Biology</i> , 2013, 53, 960-964.	2.0	13
32	Constraints, concerns and considerations about the necessity of estimating free glucocorticoid concentrations for field endocrine studies. <i>Functional Ecology</i> , 2013, 27, 1100-1106.	3.6	72
33	Juvenal Plumage Polymorphism in Yellow Warblers Is Not Associated with Sex. <i>Condor</i> , 2012, 114, 407-411.	1.6	1
34	Hormones in the city: Endocrine ecology of urban birds. <i>Hormones and Behavior</i> , 2012, 61, 763-772.	2.1	174
35	Female, but Not Male, Tropical Sparrows Respond More Strongly to the Local Song Dialect: Implications for Population Divergence. <i>American Naturalist</i> , 2011, 178, 53-63.	2.1	78
36	Within seasons and among years: When are corticosterone levels repeatable?. <i>Hormones and Behavior</i> , 2011, 60, 559-564.	2.1	113

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37	The stress of parenthood? Increased glucocorticoids in birds with experimentally enlarged broods. <i>Biology Letters</i> , 2011, 7, 944-946.	2.3	123
38	Clarifying the Cort-Fitness Hypothesis: a response to Dingemanse et al.. <i>Trends in Ecology and Evolution</i> , 2010, 25, 262-263.	8.7	8
39	The relationship between fitness and baseline glucocorticoids in a passerine bird. <i>General and Comparative Endocrinology</i> , 2009, 163, 208-213.	1.8	261
40	Do baseline glucocorticoids predict fitness?. <i>Trends in Ecology and Evolution</i> , 2009, 24, 634-642.	8.7	675
41	First Observation of Sap Well Use and Maintenance by the Glossy Flowerpiercer (<i>Diglossa lafresnayii</i>) (Thraupidae). <i>Wilson Journal of Ornithology</i> , 2009, 121, 213-215.	0.2	3
42	Maternal corticosteroids influence primary offspring sex ratio in a free-ranging passerine bird. <i>Behavioral Ecology</i> , 2007, 18, 1045-1050.	2.2	94
43	Sex-specific consequences of life in the city. <i>Behavioral Ecology</i> , 2007, 18, 121-129.	2.2	150
44	Sex- and concentration-dependent effects of predator feces on seasonal regulation of body mass in the bank vole <i>Clethrionomys glareolus</i> . <i>Hormones and Behavior</i> , 2007, 52, 436-444.	2.1	37
45	PRE-MIGRATORY LIFE HISTORY STAGES OF JUVENILE ARCTIC BIRDS: COSTS, CONSTRAINTS, AND TRADE-OFFS. <i>Ecology</i> , 2007, 88, 2729-2735.	3.2	30
46	Urban birds have broader environmental tolerance. <i>Biology Letters</i> , 2007, 3, 670-673.	2.3	256
47	Reproductive asynchrony and population divergence between two tropical bird populations. <i>Behavioral Ecology</i> , 2005, 16, 755-762.	2.2	98
48	A technique for non-invasively detecting stress response in cougars. <i>Wildlife Society Bulletin</i> , 2004, 32, 711-717.	1.6	11