Frances Bonier

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1074399/publications.pdf

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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	Do baseline glucocorticoids predict fitness?. Trends in Ecology and Evolution, 2009, 24, 634-642.	8.7	675
2	The relationship between fitness and baseline glucocorticoids in a passerine bird. General and Comparative Endocrinology, 2009, 163, 208-213.	1.8	261
3	Urban birds have broader environmental tolerance. Biology Letters, 2007, 3, 670-673.	2.3	256
4	Hormones in the city: Endocrine ecology of urban birds. Hormones and Behavior, 2012, 61, 763-772.	2.1	174
5	Sex-specific consequences of life in the city. Behavioral Ecology, 2007, 18, 121-129.	2.2	150
6	The stress of parenthood? Increased glucocorticoids in birds with experimentally enlarged broods. Biology Letters, 2011, 7, 944-946.	2.3	123
7	Within seasons and among years: When are corticosterone levels repeatable?. Hormones and Behavior, 2011, 60, 559-564.	2.1	113
8	Reproductive asynchrony and population divergence between two tropical bird populations. Behavioral Ecology, 2005, 16, 755-762.	2.2	98
9	Maternal corticosteroids influence primary offspring sex ratio in a free-ranging passerine bird. Behavioral Ecology, 2007, 18, 1045-1050.	2.2	94
10	Female, but Not Male, Tropical Sparrows Respond More Strongly to the Local Song Dialect: Implications for Population Divergence. American Naturalist, 2011, 178, 53-63.	2.1	78
11	Constraints, concerns and considerations about the necessity of estimating free glucocorticoid concentrations for field endocrine studies. Functional Ecology, 2013, 27, 1100-1106.	3.6	72
12	Hormones as Mediators of Phenotypic and Genetic Integration: an Evolutionary Genetics Approach. Integrative and Comparative Biology, 2016, 56, 126-137.	2.0	62
13	Experimental Food Restriction Reveals Individual Differences in Corticosterone Reaction Norms with No Oxidative Costs. PLoS ONE, 2014, 9, e110564.	2.5	61
14	How can we estimate natural selection on endocrine traits? Lessons from evolutionary biology. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161887.	2.6	60
15	Species interactions limit the occurrence of urban-adapted birds in cities. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11495-E11504.	7.1	57
16	Rainy springs linked to poor nestling growth in a declining avian aerial insectivore (<i>Tachycineta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	56
17	Repeatability of glucocorticoid hormones in vertebrates: a meta-analysis. PeerJ, 2018, 6, e4398.	2.0	56
18	An experimental test of the physiological consequences of avian malaria infection. Journal of Animal Ecology, 2017, 86, 1483-1496.	2.8	44

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19	A New Framework for Urban Ecology: An Integration of Proximate and Ultimate Responses to Anthropogenic Change. Integrative and Comparative Biology, 2018, 58, 915-928.	2.0	41
20	Sex- and concentration-dependent effects of predator feces on seasonal regulation of body mass in the bank vole Clethrionomys glareolus. Hormones and Behavior, 2007, 52, 436-444.	2.1	37
21	Red-winged blackbirds (Agelaius phoeniceus) with higher baseline glucocorticoids also invest less in incubation and clutch mass. Hormones and Behavior, 2017, 90, 1-7.	2.1	37
22	PRE-MIGRATORY LIFE HISTORY STAGES OF JUVENILE ARCTIC BIRDS: COSTS, CONSTRAINTS, AND TRADE-OFFS. Ecology, 2007, 88, 2729-2735.	3.2	30
23	Analysis of the Optimal Duration of Behavioral Observations Based on an Automated Continuous Monitoring System in Tree Swallows (Tachycineta bicolor): Is One Hour Good Enough?. PLoS ONE, 2015, 10, e0141194.	2.5	28
24	Do hormone manipulations reduce fitness? A meta-analytic test of the Optimal Endocrine Phenotype Hypothesis. Molecular and Cellular Endocrinology, 2020, 500, 110640.	3.2	28
25	Demographic drivers of local population decline in Tree Swallows (Tachycineta bicolor) in Ontario, Canada. Condor, 2018, 120, 842-851.	1.6	25
26	Extrapair Paternity Rates Vary with Latitude and Elevation in Emberizid Sparrows. American Naturalist, 2014, 183, 54-61.	2.1	23
27	Population decline in tree swallows (Tachycineta bicolor) linked to climate change and inclement weather on the breeding ground. Oecologia, 2020, 192, 713-722.	2.0	21
28	Evolutionary Endocrinology: Hormones as Mediators of Evolutionary Phenomena: An Introduction to the Symposium. Integrative and Comparative Biology, 2016, 56, 121-125.	2.0	19
29	High rates of extraâ€pair paternity in two equatorial populations of rufousâ€collared sparrow, Zonotrichia capensis. Journal of Avian Biology, 2013, 44, 600-602.	1.2	16
30	Innovative consumers: ecological, behavioral, and physiological predictors of responses to novel food. Behavioral Ecology, 2019, 30, 1216-1225.	2.2	16
31	Exogenous glucocorticoids amplify the costs of infection by reducing resistance and tolerance, but effects are mitigated by co-infection. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182913.	2.6	16
32	Low cost audiovisual playback and recording triggered by radio frequency identification using Raspberry Pi. PeerJ, 2015, 3, e877.	2.0	14
33	Coping with Uncertainty: Integrating Physiology, Behavior, and Evolutionary Ecology in a Changing World. Integrative and Comparative Biology, 2013, 53, 960-964.	2.0	13
34	Male song sparrows have elevated testosterone in response to neighbors versus strangers. Hormones and Behavior, 2017, 93, 47-52.	2.1	13
35	A technique for non-invasively detecting stress response in cougars. Wildlife Society Bulletin, 2004, 32, 711-717.	1.6	11
36	Higher plasma corticosterone is associated with reduced costs of infection in red-winged blackbirds. General and Comparative Endocrinology, 2018, 256, 89-98.	1.8	10

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37	Should I stay, or should I go: Modeling optimal flight initiation distance in nesting birds. PLoS ONE, 2018, 13, e0208210.	2.5	9
38	Winter corticosterone and body condition predict breeding investment in a nonmigratory bird. Behavioral Ecology, 2019, 30, 1642-1652.	2.2	9
39	Clarifying the Cort-Fitness Hypothesis: a response to Dingemanse et al.. Trends in Ecology and Evolution, 2010, 25, 262-263.	8.7	8
40	Strategic adjustment of parental care in tree swallows: life-history trade-offs and the role of glucocorticoids. Royal Society Open Science, 2016, 3, 160740.	2.4	8
41	Cytonuclear discordance in the crowned-sparrows, Zonotrichia atricapilla and Zonotrichia leucophrys. Molecular Phylogenetics and Evolution, 2021, 162, 107216.	2.7	7
42	Plasticity versus Evolutionary Divergence: What Causes Habitat Partitioning in Urban-Adapted Birds?. American Naturalist, 2021, 197, 60-74.	2.1	5
43	Weather matters: begging calls are temperature- andÂsize-dependent signals of offspring state. Behaviour, 2016, 153, 871-896.	0.8	4
44	First Observation of Sap Well Use and Maintenance by the Glossy Flowerpiercer (Diglossa lafresnayii) (Thraupidae). Wilson Journal of Ornithology, 2009, 121, 213-215.	0.2	3
45	A meta-analysis of relationships between polychlorinated biphenyl exposure and performance across studies of free-ranging tree swallows (Tachycineta bicolor). Royal Society Open Science, 2016, 3, 150634.	2.4	2
46	A comparison of sex, morphology, physiology and behavior of black-capped chickadees trapped using two common capture methods. PeerJ, 2020, 8, e10037.	2.0	2
47	Juvenal Plumage Polymorphism in Yellow Warblers Is Not Associated with Sex. Condor, 2012, 114, 407-411.	1.6	1
48	Prenatal aromatase inhibition alters postnatal immunity in domestic chickens (Gallus gallus). General and Comparative Endocrinology, 2020, 294, 113497.	1.8	1