

Raoul K Boughton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4072041/publications.pdf>

Version: 2024-02-01

57
papers

1,568
citations

394390

19
h-index

315719

38
g-index

60
all docs

60
docs citations

60
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning to classify animal species in camera trap images: Applications in ecology. <i>Methods in Ecology and Evolution</i> , 2019, 10, 585-590.	5.2	262
2	Outdoor immunology: methodological considerations for ecologists. <i>Functional Ecology</i> , 2011, 25, 81-100.	3.6	151
3	The rate of telomere loss is related to maximum lifespan in birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160445.	4.0	109
4	Environment, glucocorticoids, and the timing of reproduction. <i>General and Comparative Endocrinology</i> , 2009, 163, 201-207.	1.8	92
5	Baseline and acute levels of corticosterone in Florida Scrub-Jays (<i>Aphelocoma coerulescens</i>): Effects of food supplementation, suburban habitat, and year. <i>General and Comparative Endocrinology</i> , 2007, 154, 150-160.	1.8	83
6	The Fungicide Chlorothalonil Is Nonlinearly Associated with Corticosterone Levels, Immunity, and Mortality in Amphibians. <i>Environmental Health Perspectives</i> , 2011, 119, 1098-1103.	6.0	83
7	Food supplementation: A tool to increase reproductive output? A case study in the threatened Florida Scrub-Jay. <i>Biological Conservation</i> , 2008, 141, 162-173.	4.1	77
8	Selection on innate immunity and body condition in Florida scrub-jays throughout an epidemic. <i>Biology Letters</i> , 2010, 6, 552-554.	2.3	52
9	Prevalence of extended-spectrum β -lactamases in the local farm environment and livestock: challenges to mitigate antimicrobial resistance. <i>Critical Reviews in Microbiology</i> , 2020, 46, 1-14.	6.1	52
10	Testing a global standard for quantifying species recovery and assessing conservation impact. <i>Conservation Biology</i> , 2021, 35, 1833-1849.	4.7	51
11	Age-related differences in baseline and stress-induced corticosterone in Florida scrub-jays. <i>General and Comparative Endocrinology</i> , 2011, 173, 461-466.	1.8	40
12	Contact heterogeneities in feral swine: implications for disease management and future research. <i>Ecosphere</i> , 2016, 7, e01230.	2.2	35
13	Development of the adrenal stress response in the Florida scrub-jay (<i>Aphelocoma coerulescens</i>). <i>General and Comparative Endocrinology</i> , 2010, 165, 255-261.	1.8	34
14	Improving the accessibility and transferability of machine learning algorithms for identification of animals in camera trap images: MLWIC2. <i>Ecology and Evolution</i> , 2020, 10, 10374-10383.	1.9	33
15	Exposure to the Herbicide Atrazine Nonlinearly Affects Tadpole Corticosterone Levels. <i>Journal of Herpetology</i> , 2017, 51, 270-273.	0.5	32
16	Modification by an invasive ecosystem engineer shifts a wet prairie to a monotypic stand. <i>Biological Invasions</i> , 2014, 16, 2105-2114.	2.4	30
17	Plant community shifts caused by feral swine rooting devalue Florida rangeland. <i>Agriculture, Ecosystems and Environment</i> , 2016, 220, 45-54.	5.3	28
18	Measuring egg size using digital photography: testing Hoyt's method using Florida Scrub-Jay eggs. <i>Journal of Field Ornithology</i> , 2007, 78, 109-116.	0.5	26

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19	Effects of social structure and management on risk of disease establishment in wild pigs. <i>Journal of Animal Ecology</i> , 2021, 90, 820-833.	2.8	21
20	Energetic trade-offs between immunity and reproduction in male Japanese quail (<i>Coturnix</i>). <i>Journal of Animal Ecology</i> , 2021, 90, 820-833.	1.2	19
21	Wild pigs as sentinels for hard ticks: A case study from south-central Florida. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2018, 7, 161-170.	1.5	19
22	Corticosterone administration does not affect timing of breeding in Florida scrub-jays (<i>Aphelocoma</i>). <i>Journal of Animal Ecology</i> , 2021, 90, 820-833.	2.1	18
23	Road Effects on Food Availability and Energetic Intake in Florida Scrub-Jays (<i>Aphelocoma</i>). <i>Journal of Animal Ecology</i> , 2021, 90, 820-833.	1.4	18
24	Immunoglobulin detection in wild birds: effectiveness of three secondary anti-avian IgY antibodies in direct ELISAs in 41 avian species. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1174-1181.	5.2	18
25	Older can be better: physiological costs of paternal investment in the Florida scrub-jay. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1527-1535.	1.4	17
26	Transmission of antibiotic resistance at the wildlife-livestock interface. <i>Communications Biology</i> , 2022, 5, .	4.4	17
27	A model for leveraging animal movement to understand spatio-temporal disease dynamics. <i>Ecology Letters</i> , 2022, 25, 1290-1304.	6.4	16
28	Predicting functional responses in agroecosystems from animal movement data to improve management of invasive pests. <i>Ecological Applications</i> , 2020, 30, e02015.	3.8	14
29	Spatial variation in direct and indirect contact rates at the wildlife-livestock interface for informing disease management. <i>Preventive Veterinary Medicine</i> , 2021, 194, 105423.	1.9	13
30	A framework for sustainable management of ecosystem services and disservices in perennial grassland agroecosystems. <i>Ecosphere</i> , 2021, 12, .	2.2	13
31	Parental, social and environmental factors associated with hatching failure in Florida Scrub-Jays (<i>Aphelocoma coerulescens</i>). <i>Ibis</i> , 2011, 153, 70-77.	1.9	9
32	Measuring the social and ecological performance of agricultural innovations on rangelands: Progress and plans for an indicator framework in the LTAR network. <i>Rangelands</i> , 2022, 44, 334-344.	1.9	8
33	A Rapid Population Assessment Method for Wild Pigs Using Baited Cameras at 3 Study Sites. <i>Wildlife Society Bulletin</i> , 2020, 44, 372-382.	1.6	6
34	Physiology of reproductive senescence in Florida scrub-jays: Results from a long-term study and GnRH challenge. <i>General and Comparative Endocrinology</i> , 2013, 194, 168-174.	1.8	5
35	A New Division of Ecoimmunology and Disease Ecology. <i>Integrative and Comparative Biology</i> , 2014, 54, 338-339.	2.0	5
36	Road hogs: Implications from GPS collared feral swine in pastureland habitat on the general utility of road-based observation techniques for assessing abundance. <i>Ecological Indicators</i> , 2019, 99, 171-177.	6.3	5

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37	Heritability of immunological characteristics in Florida Scrub-Jays (<i>Aphelocoma coerulescens</i>). Canadian Journal of Zoology, 2013, 91, 789-794.	1.0	4
38	Hatching asynchrony that maintains egg viability also reduces brood reduction in a subtropical bird. Oecologia, 2014, 174, 77-85.	2.0	4
39	Reproductive traits of <i>Lachnanthes caroliniana</i> (Lam.) Dandy related to patch formation following feral swine rooting disturbance. Journal of the Torrey Botanical Society, 2016, 143, 265-273.	0.3	4
40	Epidemiology of Bluetongue Virus and Epizootic Hemorrhagic Disease Virus in Beef Cattle on a Ranch in South-Central Florida. Vector-Borne and Zoonotic Diseases, 2019, 19, 752-757.	1.5	4
41	Seasonal variation in space use and territoriality in a large mammal (<i>Sus scrofa</i>). Scientific Reports, 2022, 12, 4023.	3.3	4
42	Patch-Burn Grazing Impacts Forage Resources in Subtropical Humid Grazing Lands. Rangeland Ecology and Management, 2022, 84, 10-21.	2.3	3
43	Circulating carotenoid concentrations are positively correlated with later clutch initiation in Florida Scrub-Jays (<i>Aphelocoma coerulescens</i>). Journal of Experimental Zoology, 2011, 315A, 101-110.	1.2	1
44	Wildlife of Florida Factsheet: Eastern Indigo Snake. Edis, 2020, 2020, 2.	0.1	1
45	Feral Swine Trapping: Techniques and Designs. Edis, 2018, 2018, .	0.1	0
46	Wildlife of Florida Factsheet: White-tailed Deer. Edis, 2018, 2018, .	0.1	0
47	Wildlife of Florida Factsheet: Coyote. Edis, 2018, 2018, .	0.1	0
48	Wildlife of Florida Factsheet: Gopher Tortoise. Edis, 2018, 2018, .	0.1	0
49	Wildlife of Florida Factsheet: Burrowing Owl. Edis, 2018, 2018, .	0.1	0
50	Wildlife of Florida Factsheet: Feral Swine. Edis, 2018, 2018, .	0.1	0
51	Wildlife of Florida Factsheet: Bobcat. Edis, 2018, 2018, .	0.1	0
52	Wildlife of Florida Factsheet: Introduction. Edis, 2018, 2018, .	0.1	0
53	Wildlife of Florida Factsheet: Northern Crested Caracara. Edis, 2019, 2019, 2.	0.1	0
54	Wildlife of Florida Factsheet: Northern Bobwhite Quail. Edis, 2019, 2019, 2.	0.1	0

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55	Wildlife of Florida Factsheet: Nine-banded Armadillo. Edis, 2019, 2019, .	0.1	0
56	Mammalian Carnivores of Florida. Edis, 2020, 2020, 20.	0.1	0
57	Breeding season flooding and its effects on nesting Florida Burrowing Owls (<i>Athene cunicularia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	0