John C Wingfield

List of Publications by Year
in descending order

281 papers	30,548 citations	3933 88 h-index	5120 166 g-index
291 all docs	291 docs citations	291 times ranked	11997 citing authors

#	Article	IF	Citations
1	Allostatic Load in Gambelâ€™s White Crowned Sparrow, Zonotrichia leucophrys gambelii: Relationships With Glucocorticoids. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	4
2	Seasonal variations in gonad morphology and hypothalamic GnRH-I and GnIH in Eurasian tree sparrow, a multi-brooded passerine. Avian Research, 2022, , 100037.	1.2	2
3	Gene expression of sex steroid metabolizing enzymes and receptors in the skeletal muscle of migrant and resident subspecies of white-crowned sparrow (Zonotrichia leucophrys). Oecologia, 2022, 199, 549-562.	2.0	2
4	On the relationship between baseline corticosterone levels and annual survival of the thorn-tailed rayadito. General and Comparative Endocrinology, 2021, 300, 113635.	1.8	5
5	Annual regulation of adrenocortical function in migrant and resident subspecies of white-crowned sparrow. Hormones and Behavior, 2021, 127, 104884.	2.1	4
6	Differences in circulating corticosterone levels associated with elevation of breeding sites in Rufous-collared Sparrows Zonotrichia capensis. Journal of Ornithology, 2021, 162, 487-496.	1.1	2
7	Acute restraint stress does not alter corticosteroid receptors or 11Î²-hydroxysteroid dehydrogenase gene expression at hypothalamicâ€“pituitary-adrenal axis regulatory sites in captive male white-crowned sparrows (Zonotrichia leucophrys gambelii). General and Comparative Endocrinology, 2021, 303, 113701.	1.8	8
8	Relationships between avian malaria resilience and corticosterone, testosterone and prolactin in a Hawaiian songbird. General and Comparative Endocrinology, 2021, 308, 113784.	1.8	11
9	Seasonal differences in hypothalamic thyroidâ€stimulating hormone Î², gonadotropinâ€releasing hormoneâ€ and deiodinase expression between migrant and resident subspecies of whiteâ€crowned sparrow (Zonotrichia leucophrys). Journal of Neuroendocrinology, 2021, 33, e13032.	2.6	4
10	Stress in paradise: effects of elevated corticosterone on immunity and avian malaria resilience in a Hawaiian passerine. Journal of Experimental Biology, 2021, 224, .	1.7	9
11	Coping with extremes: High-altitude sparrows enhance metabolic and thermogenic capacities in the pectoralis muscle and suppress in the liver relative to their lowland counterparts. General and Comparative Endocrinology, 2021, 313, 113890.	1.8	6
12	Tissue specific expression of 11BHSD and its effects on plasma corticosterone during the stress response. Journal of Experimental Biology, 2020, 223, .	1.7	9
13	Whither the challenge hypothesis?. Hormones and Behavior, 2020, 123, 104588.	2.1	15
14	Nonâ€photic environmental cues and avian reproduction in an era of global change. Journal of Avian Biology, 2020, 51, .	1.2	19
15	Reprint of â€œConcepts derived from the Challenge Hypothesisâ€ Hormones and Behavior, 2020, 123, 104802.	2.1	10
16	Despotic aggression in pre-moulting painted buntings. Royal Society Open Science, 2020, 7, 191510.	2.4	0
17	Autumn migratory departure is influenced by reproductive timing and weather in an Arctic passerine. Journal of Ornithology, 2020, 161, 779-791.	1.1	12
18	Coping with extremes: convergences of habitat use, territoriality, and diet in summer but divergences in winter between two sympatric snow finches on the Qinghaiâ€Tibet Plateau. Integrative Zoology, 2020, 15, 533-543.	2.6	6

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19	Coping with extremes: Remarkably blunt adrenocortical responses to acute stress in two sympatric snow finches on the Qinghai-Tibet Plateau during winter relative to other seasons. General and Comparative Endocrinology, 2020, 291, 113434.	1.8	9
20	Concepts derived from the Challenge Hypothesis. Hormones and Behavior, 2019, 115, 104550.	2.1	23
21	Migration pattern of Gambelâ€™s White-crowned Sparrow along the Pacific Flyway. Journal of Ornithology, 2019, 160, 1097-1107.	1.1	12
22	Effects of traffic noise exposure on corticosterone, glutathione and tonic immobility in chicks of a precocial bird. , 2019, 7, coz061.		20
23	Ontogeny of the adrenocortical response in an extremely altricial bird. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2019, 331, 521-529.	1.9	5
24	Traffic noise exposure alters nestling physiology and telomere attrition through direct, but not maternal, effects in a free-living bird. General and Comparative Endocrinology, 2019, 276, 14-21.	1.8	39
25	Effect of testosterone blockers on male aggression, song and parental care in an arctic passerine, the Lapland longspur (Calcarius lapponicus). Hormones and Behavior, 2019, 110, 10-18.	2.1	5
26	Seasonal modulation of the adrenocortical stress responses in Chilean populations of Zonotrichia capensis. Journal of Ornithology, 2019, 160, 61-70.	1.1	2
27	Daily, circadian and seasonal changes of rhodopsin-like encephalic photoreceptor and its involvement in mediating photoperiodic responses of Gambelâ€™s white-crowned Sparrow, Zonotrichia leucophrys gambelii. Brain Research, 2018, 1687, 104-116.	2.2	7
28	Effects of El NiÃ±o and La NiÃ±a Southern Oscillation events on the adrenocortical responses to stress in birds of the Galapagos Islands. General and Comparative Endocrinology, 2018, 259, 20-33.	1.8	15
29	Effects of thyroid hormone manipulation on pre-nuptial molt, luteinizing hormone and testicular growth in male white-crowned sparrows (Zonotrichia leuchophrys gambelii). General and Comparative Endocrinology, 2018, 255, 12-18.	1.8	26
30	Preâ€basic molt, feather quality, and modulation of the adrenocortical response to stress in two populations of rufousâ€collared sparrows Zonotrichia capensis. Journal of Avian Biology, 2018, 49, e01892.	1.2	2
31	Brain-Derived Steroids, Behavior and Endocrine Conflicts Across Life History Stages in Birds: A Perspective. Frontiers in Endocrinology, 2018, 9, 270.	3.5	16
32	Environmental Endocrinology: Insights into the Diversity of Regulatory Mechanisms in Life Cycles. Integrative and Comparative Biology, 2018, 58, 790-799.	2.0	22
33	Shrub shading moderates the effects of weather on arthropod activity in arctic tundra. Ecological Entomology, 2018, 43, 647-655.	2.2	22
34	Contrasting seasonal and aseasonal environments across stages of the annual cycle in the rufousâ€collared sparrow, Zonotrichia capensis: Differences in endocrine function, proteome and body condition. Journal of Animal Ecology, 2018, 87, 1364-1382.	2.8	4
35	Weathering the storm: Do arctic blizzards cause repeatable changes in stress physiology and body condition in breeding songbirds?. General and Comparative Endocrinology, 2018, 267, 183-192.	1.8	11
36	Effects of short-term fasting on stress physiology, body condition, and locomotor activity in wintering male white-crowned sparrows. Physiology and Behavior, 2017, 177, 282-290.	2.1	28

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37	How birds cope physiologically and behaviourally with extreme climatic events. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160140.	4.0	91
38	Effects of a social cue on reproductive development and pre-alternate molt in seasonally breeding migrant and resident female songbirds (Zonotrichia leucophrys). Journal of Experimental Biology, 2017, 220, 2947-2956.	1.7	6
39	Extreme spring conditions in the Arctic delay spring phenology of long-distance migratory songbirds. Oecologia, 2017, 185, 69-80.	2.0	34
40	Interâ€laboratory variation in corticosterone measurement: Implications for comparative ecological and evolutionary studies. Methods in Ecology and Evolution, 2017, 8, 1745-1754.	5.2	21
41	Defining the Degree of Seasonality and its Significance for Future Research. Integrative and Comparative Biology, 2017, 57, 934-942.	2.0	35
42	Maternal androgens in avian brood parasites and their hosts: Responses to parasitism and competition?. General and Comparative Endocrinology, 2017, 240, 143-152.	1.8	15
43	The challenge hypothesis: Where it began and relevance to humans. Hormones and Behavior, 2017, 92, 9-12.	2.1	45
44	Ecophysiological Studies of Hormoneâ€“Behavior Relations in Birds: Future Challenges in a Changing World. , 2017, , 321-345.		2
45	The challenge hypothesis: Where it began and relevance to humans. Hormones and Behavior, 2017, 92, 9-12.	2.1	27
46	Nestling growth rates in relation to food abundance and weather in the Arctic. Auk, 2016, 133, 261-272.	1.4	45
47	The stress response is attenuated during inclement weather in parental, but not in pre-parental, Lapland longspurs (Calcarius lapponicus) breeding in the Low Arctic. Hormones and Behavior, 2016, 83, 68-74.	2.1	36
48	Regulation of vernal migration in Gambel's white-crowned sparrows: Role of thyroxine and triiodothyronine. Hormones and Behavior, 2016, 84, 50-56.	2.1	39
49	The effect of extreme spring weather on body condition and stress physiology in Lapland longspurs and white-crowned sparrows breeding in the Arctic. General and Comparative Endocrinology, 2016, 237, 10-18.	1.8	46
50	The relationship of telomere length to baseline corticosterone levels in nestlings of an altricial passerine bird in natural populations. Frontiers in Zoology, 2016, 13, 1.	2.0	83
51	Putting the brakes on reproduction: Implications for conservation, global climate change and biomedicine. General and Comparative Endocrinology, 2016, 227, 16-26.	1.8	16
52	Breeding on the leading edge of a northward range expansion: differences in morphology and the stress response in the arctic Gambelâ€™s white-crowned sparrow. Oecologia, 2016, 180, 33-44.	2.0	26
53	Commentary: Guidance for Field Biology and Other Studies on Wildlife Species. ILAR Journal, 2016, 56, 271-271.	1.8	2
54	A supergene determines highly divergent male reproductive morphs in the ruff. Nature Genetics, 2016, 48, 79-83.	21.4	411

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55	Does prolactin mediate parental and life-history decisions in response to environmental conditions in birds? A review. Hormones and Behavior, 2016, 77, 18-29.	2.1	75
56	Breeding on the extreme edge: Modulation of the adrenocortical response to acute stress in two High Arctic passerines. Journal of Experimental Zoology, 2015, 323, 266-275.	1.2	30
57	The Effects of Acute Restraint Stress on Plasma Levels of Prolactin and Corticosterone across Life-History Stages in a Short-Lived Bird: Gambelâ€™s White-Crowned Sparrow (Zonotrichia) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	28
58	A mechanistic approach to understanding range shifts in a changing world: What makes a pioneer?. General and Comparative Endocrinology, 2015, 222, 44-53.	1.8	32
59	Greater shrub dominance alters breeding habitat and food resources for migratory songbirds in Alaskan arctic tundra. Global Change Biology, 2015, 21, 1508-1520.	9.5	53
60	Epaulet Size and Current Condition in Red-Winged Blackbirds: Examining a Semistatic Signal, Testosterone, Immune Function, and Parasites. Physiological and Biochemical Zoology, 2015, 88, 11-21.	1.5	9
61	A blurring of life-history lines: Immune function, molt and reproduction in a highly stable environment. General and Comparative Endocrinology, 2015, 213, 65-73.	1.8	11
62	The glucocorticoid stress response in Magellanic Penguins (Spheniscus magellanicus): comparing within and between breeding seasons, by age and colony, after fighting, and with other penguin species. Canadian Journal of Zoology, 2015, 93, 123-131.	1.0	2
63	Coping with change: A framework for environmental signals and how neuroendocrine pathways might respond. Frontiers in Neuroendocrinology, 2015, 37, 89-96.	5.2	32
64	Does short-term fasting lead to stressed-out parents? A study of incubation commitment and the hormonal stress responses and recoveries in snow petrels. Hormones and Behavior, 2015, 67, 28-37.	2.1	33
65	Testosterone, Territoriality, and Social Interactions in Neotropical Birds. , 2014, , 321-340.		1
66	Correlated evolution of female and male testosterone--internal constraints or external determinants? A response to comments on Goymann and Wingfield. Behavioral Ecology, 2014, 25, 704-705.	2.2	4
67	Baseline corticosterone and stress response in the Thorn-tailed Rayadito (Aphrastura spinicauda) along a latitudinal gradient. General and Comparative Endocrinology, 2014, 198, 39-46.	1.8	26
68	Bacteria-killing ability is negatively linked to epaulet size, but positively linked to baseline corticosterone, in male Red-winged Blackbirds (Agelaius phoeniceus). Auk, 2014, 131, 3-11.	1.4	23
69	Changes in plasma concentrations of progesterone, dehydroepiandrosterone and corticosterone in response to acute stress of capture, handling and restraint in two subspecies of white-crowned sparrows. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 177, 35-40.	1.8	19
70	Male-to-female testosterone ratios, dimorphism, and life historyâ€”what does it really tell us?. Behavioral Ecology, 2014, 25, 685-699.	2.2	75
71	Brain transcriptome sequencing and assembly of three songbird model systems for the study of social behavior. PeerJ, 2014, 2, e396.	2.0	31
72	Linking a Static Signal to Current Condition. Condor, 2013, 115, 434-441.	1.6	8

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73	Immune Function in an Avian Brood Parasite and Its Nonparasitic Relative. Physiological and Biochemical Zoology, 2013, 86, 61-72.	1.5	14
74	Modulation of the prolactin and the corticosterone stress responses: Do they tell the same story in a long-lived bird, the Cape petrel?. General and Comparative Endocrinology, 2013, 182, 7-15.	1.8	37
75	Importance of the glucocorticoid stress response in a changing world: Theory, hypotheses and perspectives. General and Comparative Endocrinology, 2013, 190, 118-128.	1.8	190
76	Ecological processes and the ecology of stress: the impacts of abiotic environmental factors. Functional Ecology, 2013, 27, 37-44.	3.6	203
77	Breaking down seasonality: Androgen modulation and stress response in a highly stable environment. General and Comparative Endocrinology, 2013, 191, 1-12.	1.8	14
78	RNA interference of gonadotropin-inhibitory hormone gene induces aggressive and sexual behaviors in birds. General and Comparative Endocrinology, 2013, 181, 179-186.	1.8	28
79	The comparative biology of environmental stress: behavioural endocrinology andÂvariation in ability to cope with novel, changing environments. Animal Behaviour, 2013, 85, 1127-1133.	1.9	134
80	Apparent dissociation of photoperiodic time measurement between vernal migration and breeding under dim green light conditions in Gambelâ€™s white-crowned sparrow Zonotrichia leucophrys gambelii. Environmental Epigenetics, 2013, 59, 349-359.	1.8	12
81	Seasonal Modulation of Testosterone during Breeding of the Rufous-Collared Sparrow (Zonotrichia) Tj ETQq1 1 0.784314 rgBT /Overl	1.5	4
82	Changes in immunocompetence and other physiological measures during molt in Brown-headed Cowbirds (Molothrus ater). Auk, 2012, 129, 231-238.	1.4	10
83	Impact of experience-dependent and -independent factors on gene expression in songbird brain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17245-17252.	7.1	55
84	Sex-specific variation in brown-headed cowbird immunity following acute stress: a mechanistic approach. Oecologia, 2012, 170, 25-38.	2.0	32
85	Editorial of the Proceedings of the 25th International Ornithological Congress. Journal of Ornithology, 2012, 153, 1-1.	1.1	0
86	The presence of water influences reproductive function in the song sparrow (Melospiza melodia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.8	24
87	Regulatory mechanisms that underlie phenology, behavior, and coping with environmental perturbations: An alternative look at biodiversity. Auk, 2012, 129, 1-7.	1.4	53
88	Social context modulates sickness behavior. Behavioral Ecology and Sociobiology, 2012, 66, 1421-1428.	1.4	73
89	The challenge hypothesis: behavioral ecology to neurogenomics. Journal of Ornithology, 2012, 153, 85-96.	1.1	16
90	RNA Interference of Gonadotropin-Inhibitory Hormone Gene Induces Arousal in Songbirds. PLoS ONE, 2012, 7, e30202.	2.5	66

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91	A comparison of the adrenocortical responses to acute stress in cardueline finches from the Tibetan Plateau, Arctic Alaska and lowland Western North America. Journal of Ornithology, 2012, 153, 761-770.	1.1	7
92	Patterns of yolk testosterone deposition in two populations of Arctic-breeding Redpolls. Journal of Ornithology, 2012, 153, 727-734.	1.1	1
93	Hormone-Behavior Interrelationships of Birds in Response to Weather. Advances in the Study of Behavior, 2011, 43, 93-188.	1.6	32
94	Modulation of androgens in southern hemisphere temperate breeding sparrows (Zonotrichia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.1	12
95	Variation in circulating corticosterone levels is associated with altitudinal range expansion in a passerine bird. Oecologia, 2011, 167, 369-378.	2.0	40
96	Organismâ€“environment interactions in a changing world: a mechanistic approach. Journal of Ornithology, 2011, 152, 279-288.	1.1	47
97	Comparison of adrenocortical responses to acute stress in lowland and highland Eurasian tree sparrows (Passer montanus): similar patterns during the breeding, but different during the prebasic molt. Journal of Experimental Zoology, 2011, 315A, 512-519.	1.2	22
98	Examination of nocturnal activity and behaviour in resident white-crowned sparrows (Zonotrichia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	7
99	What are extreme environmental conditions and how do organisms cope with them?. Environmental Epigenetics, 2011, 57, 363-374.	1.8	77
100	Hormonally-regulated trade-offs: Evolutionary variability and phenotypic plasticity in testosterone signaling pathways. , 2011, , 349-361.		26
101	Hormonal correlates of breeding behavior and pouch color in the Magnificent Frigatebird, Fregata magnificens. General and Comparative Endocrinology, 2010, 169, 18-22.	1.8	9
102	Seasonal changes in aromatase and androgen receptor, but not estrogen receptor mRNA expression in the brain of the freeâ€living male song sparrow, Melospiza melodia morphna. Journal of Comparative Neurology, 2010, 518, 3819-3835.	1.6	75
103	Food availability and population processes: severity of nutritional stress during reproduction predicts survival of longâ€lived seabirds. Functional Ecology, 2010, 24, 625-637.	3.6	126
104	Disentangling the Effects of Environment and Lifeâ€History Stage on Corticosterone Modulation in Costa Rican Rufousâ€Collared Sparrows, Zonotrichia capensis costaricensis. Physiological and Biochemical Zoology, 2010, 83, 87-96.	1.5	16
105	What is in a name? Integrating homeostasis, allostasis and stress. Hormones and Behavior, 2010, 57, 105-111.	2.1	442
106	The role of androgen receptors in regulating territorial aggression in male song sparrows. Hormones and Behavior, 2010, 57, 86-95.	2.1	50
107	Aggressive interactions rapidly increase androgen synthesis in the brain during the non-breeding season. Hormones and Behavior, 2010, 57, 381-389.	2.1	129
108	Biological Clocks and Regulation of Seasonal Reproduction and Migration in Birds. Physiological and Biochemical Zoology, 2010, 83, 827-835.	1.5	113

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109	Seasonal Differences of Gene Expression Profiles in Song Sparrow (Melospiza melodia) Hypothalamus in Relation to Territorial Aggression. PLoS ONE, 2009, 4, e8182.	2.5	79
110	Comparative endocrinology in the 21st century. Integrative and Comparative Biology, 2009, 49, 339-348.	2.0	40
111	Endocrine disruption in the context of life cycles: Perception and transduction of environmental cues. General and Comparative Endocrinology, 2009, 163, 92-96.	1.8	37
112	Mounting an immune response correlates with decreased androgen levels in male peafowl, Pavo cristatus. Journal of Ethology, 2009, 27, 209-214.	0.8	15
113	Do baseline glucocorticoids predict fitness?. Trends in Ecology and Evolution, 2009, 24, 634-642.	8.7	675
114	Stress Response and the Value of Reproduction: Are Birds Prudent Parents?. American Naturalist, 2009, 173, 589-598.	2.1	271
115	Gonadotropin-inhibitory hormone and its receptor in the avian reproductive system. General and Comparative Endocrinology, 2008, 156, 34-43.	1.8	172
116	Comparative endocrinology, environment and global change. General and Comparative Endocrinology, 2008, 157, 207-216.	1.8	135
117	Seasonal changes in adrenocortical responses to acute stress in Eurasian tree sparrow (Passer) Tj ETQq1 1 0.784314 rgBT /Overlock 10 and with the migratory P. domesticus in Qinghai Province. General and Comparative Endocrinology, 2008, 158, 47-53.	1.8	31
118	Impacts of frequent, acute pulses of corticosterone on condition and behavior of Gambelâ€™s white-crowned sparrow (Zonotrichia leucophrys gambelii). General and Comparative Endocrinology, 2008, 158, 224-233.	1.8	36
119	Combined effects of DHEA and fadrozole on aggression and neural VIP immunoreactivity in the non-breeding male song sparrow. Hormones and Behavior, 2008, 53, 287-294.	2.1	24
120	Ambient temperature effects on photo induced gonadal cycles and hormonal secretion patterns in Great Tits from three different breeding latitudes. Hormones and Behavior, 2008, 54, 60-68.	2.1	83
121	Latitudinal variation of immune defense and sickness behavior in the white-crowned sparrow (Zonotrichia leucophrys). Brain, Behavior, and Immunity, 2008, 22, 614-625.	4.1	37
122	SEX HORMONES IN THE SONG WREN: VARIATION WITH TIME OF YEAR, MOLT, GONADOTROPIN RELEASING HORMONE, AND SOCIAL CHALLENGE. Condor, 2008, 110, 125-133.	1.6	21
123	Organization of vertebrate annual cycles: implications for control mechanisms. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 425-441.	4.0	201
124	Distinguishing seasonal androgen responses from maleâ€“male androgen responsivenessâ€”Revisiting the Challenge Hypothesis. Hormones and Behavior, 2007, 51, 463-476.	2.1	246
125	Acute phase responses of passerine birds: characterization and seasonal variation. Journal Fur Ornithologie, 2007, 148, 583-591.	1.2	106
126	Gonadotropin-inhibitory hormone in seasonally-breeding songbirds: neuroanatomy and functional biology. Journal Fur Ornithologie, 2007, 148, 521-526.	1.2	5

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127	Discovery of gonadotropin-inhibitory hormone in a domesticated bird, its mode of action and functional significance. Journal Fur Ornithologie, 2007, 148, 515-520.	1.2	12
128	Endocrine responsiveness to social challenges in northern and southern hemisphere populations of Zonotrichia. Journal Fur Ornithologie, 2007, 148, 435-441.	1.2	25
129	Stress Responses in Tropical Sparrows: Comparing Tropical and Temperate Zonotrichia. Physiological and Biochemical Zoology, 2006, 79, 784-792.	1.5	44
130	Hypothalamic GnRH-I and its precursor during photorefractoriness onset in free-living male Dark-eyed Juncos (Junco hyemalis) of different year classes. General and Comparative Endocrinology, 2006, 145, 148-156.	1.8	23
131	Hormonal, behavioral, and thermoregulatory responses to bacterial lipopolysaccharide in captive and free-living white-crowned sparrows (Zonotrichia leucophrys gambelii). Hormones and Behavior, 2006, 49, 15-29.	2.1	146
132	Rapid inhibition of female sexual behavior by gonadotropin-inhibitory hormone (GnIH). Hormones and Behavior, 2006, 49, 550-555.	2.1	169
133	Behavioral and physiological conflicts in migrants: the transition between migration and breeding. Journal of Ornithology, 2006, 147, 135.	1.1	78
134	Sex differences in the organizational effects of corticosterone in the egg yolk of quail. General and Comparative Endocrinology, 2006, 146, 144-148.	1.8	94
135	Actions of glucocorticoids at a seasonal baseline as compared to stress-related levels in the regulation of periodic life processes. General and Comparative Endocrinology, 2006, 148, 132-149.	1.8	707
136	Mode of action and functional significance of avian gonadotropinâ€inhibitory hormone (GnIH): a review. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2006, 305A, 801-806.	1.3	69
137	Interactions of gonadotropinâ€releasing hormone (GnRH) and gonadotropinâ€inhibitory hormone (GnIH) in birds and mammals. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2006, 305A, 807-814.	1.3	83
138	Seasonal modulation of sickness behavior in free-living northwestern song sparrows (Melospiza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.7	108
139	Physiological and Behavioral Differences in Magellanic Penguin Chicks in Undisturbed and Tourist-Visited Locations of a Colony. Conservation Biology, 2005, 19, 1571-1577.	4.7	136
140	Corticosterone inhibits feather growth: Potential mechanism explaining seasonal down regulation of corticosterone during molt. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2005, 142, 65-73.	1.8	149
141	Seasonal gonadal recrudescence in song sparrows: Response to temperature cues. General and Comparative Endocrinology, 2005, 143, 121-128.	1.8	54
142	The Darwinian concept of stress: benefits of allostasis and costs of allostatic load and the trade-offs in health and disease. Neuroscience and Biobehavioral Reviews, 2005, 29, 3-38.	6.1	933
143	Flexibility in annual cycles of birds: implications for endocrine control mechanisms. Journal of Ornithology, 2005, 146, 291-304.	1.1	62
144	Breeding biology, sexually dimorphic development and nestling testosterone concentrations of the classically polyandrous African black coucal, Centropus grillii. Journal of Ornithology, 2005, 146, 314-324.	1.1	61

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145	Field Endocrinology and Conservation Biology. Integrative and Comparative Biology, 2005, 45, 12-18.	2.0	102
146	STEROID HORMONE LEVELS ARE RELATED TO CHOICE OF COLONY SIZE IN CLIFF SWALLOWS. Ecology, 2005, 86, 2904-2915.	3.2	20
147	Melatonin induces the expression of gonadotropin-inhibitory hormone in the avian brain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3052-3057.	7.1	297
148	EFFECTS OF ENDOGENOUS STEROID HORMONE LEVELS ON ANNUAL SURVIVAL IN CLIFF SWALLOWS. Ecology, 2005, 86, 1034-1046.	3.2	78
149	Reproductive asynchrony and population divergence between two tropical bird populations. Behavioral Ecology, 2005, 16, 755-762.	2.2	98
150	A phylogenetically controlled test of hypotheses for behavioral insensitivity to testosterone in birds. Hormones and Behavior, 2005, 47, 170-177.	2.1	65
151	A continuing saga: The role of testosterone in aggression. Hormones and Behavior, 2005, 48, 253-255.	2.1	102
152	Historical contributions of research on birds to behavioral neuroendocrinology. Hormones and Behavior, 2005, 48, 395-402.	2.1	26
153	Contexts and Ethology of Vertebrate Aggression: Implications for the Evolution of Hormone-Behavior Interactions. , 2005, , 179-210.		16
154	Physiological Condition in Magellanic Penguins: Does it Matter if You Have to Walk a Long Way to Your Nest?. Condor, 2004, 106, 696-701.	1.6	9
155	PHYSIOLOGICAL CONDITION IN MAGELLANIC PENGUINS: DOES IT MATTER IF YOU HAVE TO WALK A LONG WAY TO YOUR NEST?. Condor, 2004, 106, 696.	1.6	10
156	Testosterone in Tropical Birds: Effects of Environmental and Social Factors. American Naturalist, 2004, 164, 327-334.	2.1	153
157	Competing Females and Caring Males. Polyandry and Sex-Role Reversal in African Black Coucals, Centropus grillii. Ethology, 2004, 110, 807-823.	1.1	56
158	The effects of combined aromatase inhibitor and anti-androgen on male territorial aggression in a tropical population of rufous-collared sparrows, Zonotrichia capensis. General and Comparative Endocrinology, 2004, 135, 223-229.	1.8	56
159	Effect of estradiol implants on reproductive behavior of female Lapland longspurs (Calcarius) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	43
160	Territoriality and testosterone in an equatorial population of rufous-collared sparrows, Zonotrichia capensis. Animal Behaviour, 2004, 67, 411-420.	1.9	84
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