Gregory F Ball

List of Publications by Year
in descending order

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271 papers	19,468 citations	12330 69 h-index	14208 128 g-index
284 all docs	284 docs citations	284 times ranked	8106 citing authors

#	Article	IF	Citations
1	The singing question: reâ€conceptualizing birdsong. Biological Reviews, 2022, 97, 326-342.	10.4	25
2	Role of aromatase in distinct brain nuclei of the social behaviour network in the expression of sexual behaviour in male Japanese quail. Journal of Neuroendocrinology, 2022, 34, .	2.6	0
3	Sex differences in seasonal brain plasticity and the neuroendocrine regulation of vocal behavior in songbirds. Hormones and Behavior, 2022, 142, 105160.	2.1	15
4	Neuroendocrine and behavioral response to testosterone-induced female song in canaries (Serinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	7
5	Photoperiodic control of singing behavior and reproductive physiology in male Fife fancy canaries. Hormones and Behavior, 2022, 143, 105194.	2.1	0
6	The neural distribution of the avian homologue of oxytocin, mesotocin, in two songbird species, the zebra finch and the canary: A potential role in song perception and production. Journal of Comparative Neurology, 2022, 530, 2402-2414.	1.6	2
7	Treatment with androgens plus estrogens cannot reverse sex differences in song and the song control nuclei in adult canaries. Hormones and Behavior, 2022, 143, 105197.	2.1	8
8	Transcriptâ€•and annotationâ€guided genome assembly of the European starling. Molecular Ecology Resources, 2022, 22, 3141-3160.	4.8	9
9	Effect of chronic intracerebroventricular administration of an aromatase inhibitor on the expression of socio-sexual behaviors in male Japanese quail. Behavioural Brain Research, 2021, 410, 113315.	2.2	4
10	Evolutionary neuroscience: Are the brains of birds andÂmammals really so different?. Current Biology, 2021, 31, R840-R842.	3.9	3
11	Perineuronal nets in HVC and plasticity in male canary song. PLoS ONE, 2021, 16, e0252560.	2.5	8
12	Repeated assessment of changes in testes size in canaries by X-ray computer tomography. General and Comparative Endocrinology, 2021, 310, 113808.	1.8	2
13	Discrimination of natural acoustic variation in vocal signals. Scientific Reports, 2021, 11, 916.	3.3	12
14	Rapid changes in brain estrogen concentration during male sexual behavior are site and stimulus specific. Scientific Reports, 2021, 11, 20130.	3.3	12
15	The neuroendocrine integration of environmental information, the regulation and action of testosterone and the challenge hypothesis. Hormones and Behavior, 2020, 123, 104574.	2.1	11
16	How does testosterone act to regulate a multifaceted adaptive response? Lessons from studies of the avian song system. Journal of Neuroendocrinology, 2020, 32, e12793.	2.6	14
17	Whither the challenge hypothesis?. Hormones and Behavior, 2020, 123, 104588.	2.1	15
18	Seasonal changes of perineuronal nets and song learning in adult canaries (Serinus canaria). Behavioural Brain Research, 2020, 380, 112437.	2.2	22

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19	Intraspecific variation in testosterone-induced neuroplasticity in two canary strains. Hormones and Behavior, 2020, 118, 104617.	2.1	4
20	Sound sequences in birdsong: how much do birds really care?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190044.	4.0	33
21	Testosterone stimulates perineuronal nets development around parvalbumin cells in the adult canary brain in parallel with song crystallization. Hormones and Behavior, 2020, 119, 104643.	2.1	20
22	Sex differences and similarities in the neural circuit regulating song and other reproductive behaviors in songbirds. Neuroscience and Biobehavioral Reviews, 2020, 118, 258-269.	6.1	15
23	Sexually differentiated and neuroanatomically specific coâ€expression of aromatase neurons and GAD67 in the male and female quail brain. European Journal of Neuroscience, 2020, 52, 2963-2981.	2.6	4
24	Familiarity enhances moment-to-moment behavioral coordination in zebra finch (Taeniopygia guttata) dyads.. Journal of Comparative Psychology (Washington, D C: 1983), 2020, 134, 135-148.	0.5	14
25	Effects of Inactivation of the Periaqueductal Gray on Song Production in Testosterone-Treated Male Canaries (Serinus canaria). ENeuro, 2020, 7, ENEURO.0048-20.2020.	1.9	16
26	Development of Perineuronal Nets during Ontogeny Correlates with Sensorimotor Vocal Learning in Canaries. ENeuro, 2020, 7, ENEURO.0361-19.2020.	1.9	18
27	Monogamy in a Moment: How do Brief Social Interactions Change Over Time in Pair-Bonded Zebra Finches (Taeniopygia guttata)?. Integrative Organismal Biology, 2020, 2, obaa034.	1.8	4
28	Strain differences in hearing in song canaries. Journal of the Acoustical Society of America, 2019, 146, EL71-EL77.	1.1	0
29	How canaries listen to their song: Species-specific shape of auditory perception. Journal of the Acoustical Society of America, 2019, 145, 562-574.	1.1	6
30	Effects of Song Experience and Song Quality on Immediate Early Gene Expression in Female Canaries (Serinus canaria). Developmental Neurobiology, 2019, 79, 521-535.	3.0	13
31	Rapid testosterone-induced growth of the medial preoptic nucleus in male canaries. Physiology and Behavior, 2019, 204, 20-26.	2.1	14
32	Effects of a novel partner and sexual satiety on the expression of male sexual behavior and brain aromatase activity in quail. Behavioural Brain Research, 2019, 359, 502-515.	2.2	1
33	Site-specific effects of aromatase inhibition on the activation of male sexual behavior in male Japanese quail (Coturnix japonica). Hormones and Behavior, 2019, 108, 42-49.	2.1	11
34	Testosterone or Estradiol When Implanted in the Medial Preoptic Nucleus Trigger Short Low-Amplitude Songs in Female Canaries. ENeuro, 2019, 6, ENEURO.0502-18.2019.	1.9	11
35	Male Sexual Behavior and Hormones in Non-Mammalian Vertebrates. , 2019, , 373-387.		0
36	Sex differences in hippocampal mineralocorticoid and glucocorticoid receptor mRNA expression in response to acute mate pair separation in zebra finches (Taeniopygia guttata). Hippocampus, 2018, 28, 698-706.	1.9	15

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37	The regulation of birdsong by testosterone: Multiple time-scales and multiple sites of action. Hormones and Behavior, 2018, 104, 32-40.	2.1	37
38	Differential control of appetitive and consummatory sexual behavior by neuroestrogens in male quail. Hormones and Behavior, 2018, 104, 15-31.	2.1	16
39	Relative salience of syllable structure and syllable order in zebra finch song. Animal Cognition, 2018, 21, 467-480.	1.8	16
40	Behavioral evidence for sex steroids hypersensitivity in castrated male canaries. Hormones and Behavior, 2018, 103, 80-96.	2.1	12
41	Acoustic fine structure may encode biologically relevant information for zebra finches. Scientific Reports, 2018, 8, 6212.	3.3	26
42	Testosterone regulates birdsong in an anatomically specific manner. Animal Behaviour, 2017, 124, 291-298.	1.9	29
43	Testosteroneâ€induced neuroendocrine changes in the medial preoptic area precede song activation and plasticity in song control nuclei of female canaries. European Journal of Neuroscience, 2017, 45, 886-900.	2.6	21
44	Seasonal Changes in Brain and Behavior. , 2017, , 571-588.		0
45	Glutamate released in the preoptic area during sexual behavior controls local estrogen synthesis in male quail. Psychoneuroendocrinology, 2017, 79, 49-58.	2.7	18
46	Perineuronal nets and vocal plasticity in songbirds: A proposed mechanism to explain the difference between closedâ€ended and openâ€ended learning. Developmental Neurobiology, 2017, 77, 975-994.	3.0	30
47	Mechanistic target of rapamycin (mTOR): A mediator of social development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9240-9242.	7.1	1
48	Dissociable Effects on Birdsong of Androgen Signaling in Cortex-Like Brain Regions of Canaries. Journal of Neuroscience, 2017, 37, 8612-8624.	3.6	31
49	Peter R. Marler, 1928â€“2014. Auk, 2017, 134, 932-934.	1.4	1
50	Studies of HVC Plasticity in Adult Canaries Reveal Social Effects and Sex Differences as Well as Limitations of Multiple Markers Available to Assess Adult Neurogenesis. PLoS ONE, 2017, 12, e0170938.	2.5	22
51	Neuroendocrine Regulation of Reproductive Behavior in Birds. , 2017, , 217-254.		8
52	Birdsong Learning: Evolutionary, Behavioral, and Hormonal Issues â˜†. , 2017, , .		0
53	Non-ovarian aromatization is required to activate female sexual motivation in testosterone-treated ovariectomized quail. Hormones and Behavior, 2016, 83, 45-59.	2.1	19
54	Antagonism of syringeal androgen receptors reduces the quality of female-preferred male song in canaries. Animal Behaviour, 2016, 119, 201-212.	1.9	22

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55	Aromatase inhibition rapidly affects in a reversible manner distinct features of birdsong. Scientific Reports, 2016, 6, 32344.	3.3	43
56	Endocrine and social regulation of adult neurogenesis in songbirds. Frontiers in Neuroendocrinology, 2016, 41, 3-22.	5.2	45
57	Lesions targeted to the anterior forebrain disrupt vocal variability associated with testosteroneâ€induced sensorimotor song development in adult female canaries, <scp>S</scp>erinus canaria. Developmental Neurobiology, 2016, 76, 3-18.	3.0	9
58	Species variation in the degree of sex differences in brain and behaviour related to birdsong: adaptations and constraints. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150117.	4.0	33
59	Pleiotropic Control by Testosterone of a Learned Vocal Behavior and Its Underlying Neuroplasticity. ENeuro, 2016, 3, ENEURO.0145-15.2016.	1.9	43
60	Medial Preoptic Regulation of the Ventral Tegmental Area Related to the Control of Sociosexual Behaviors. ENeuro, 2016, 3, ENEURO.0283-16.2016.	1.9	14
61	Seasonal changes in the neuroendocrine system: Introduction to the special issue. Frontiers in Neuroendocrinology, 2015, 37, 1-2.	5.2	3
62	Reproductive state modulates testosterone-induced singing in adult female European starlings (Sturnus vulgaris). Hormones and Behavior, 2015, 72, 78-87.	2.1	14
63	The dual action of estrogen hypothesis. Trends in Neurosciences, 2015, 38, 408-416.	8.6	58
64	Estrogen Receptor Î² Activation Rapidly Modulates Male Sexual Motivation through the Transactivation of Metabotropic Glutamate Receptor 1a. Journal of Neuroscience, 2015, 35, 13110-13123.	3.6	51
65	Reversing song behavior phenotype: Testosterone driven induction of singing and measures of song quality in adult male and female canaries (Serinus canaria). General and Comparative Endocrinology, 2015, 215, 61-75.	1.8	50
66	Fos expression in monoaminergic cell groups in response to sociosexual interactions in male and female Japanese quail.. Behavioral Neuroscience, 2014, 128, 48-60.	1.2	8
67	Dissociable effects of social context on song and doublecortin immunoreactivity in male canaries. European Journal of Neuroscience, 2014, 40, 2941-2947.	2.6	24
68	Endogenous versus exogenous markers of adult neurogenesis in canaries and other birds: Advantages and disadvantages. Journal of Comparative Neurology, 2014, 522, 4100-4120.	1.6	37
69	Doublecortin Is a Highly Valuable Endogenous Marker of Adult Neurogenesis in Canaries. Brain, Behavior and Evolution, 2014, 84, 1-4.	1.7	30
70	Is testis variation the key to understanding why males seem so different from one another? Commentary on â€œExamining sources of variation in HPG axis function among individuals and populations of the dark-eyed juncosâ€• By Christine M. Bergeon Burns, Kimberly A. Rosvall Thomas P. Hahn, Gregory E. Demas and Ellen D. Ketterson. Hormones and Behavior, 2014, 65, 188-189.	2.1	1
71	Is it useful to view the brain as a secondary sexual characteristic?. Neuroscience and Biobehavioral Reviews, 2014, 46, 628-638.	6.1	88
72	Anatomically discrete sex differences and enhancement by testosterone of cell proliferation in the telencephalic ventricle zone of the adult canary brain. Journal of Chemical Neuroanatomy, 2014, 55, 1-8.	2.1	23

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73	câ€fos downâ€regulation inhibits testosteroneâ€dependent male sexual behavior and the associated learning. European Journal of Neuroscience, 2013, 38, 3325-3337.	2.6	10
74	Photoperiod-dependent regulation of gonadotropin-releasing hormone 1 messenger ribonucleic acid levels in the songbird brain. General and Comparative Endocrinology, 2013, 190, 81-87.	1.8	19
75	The value of comparative approaches to our understanding of puberty as illustrated by investigations in birds and reptiles. Hormones and Behavior, 2013, 64, 211-214.	2.1	16
76	Dynamic changes in brain aromatase activity following sexual interactions in males: Where, when and why?. Psychoneuroendocrinology, 2013, 38, 789-799.	2.7	47
77	Neuroestrogens Rapidly Regulate Sexual Motivation But Not Performance. Journal of Neuroscience, 2013, 33, 164-174.	3.6	58
78	Differential effects of global versus local testosterone on singing behavior and its underlying neural substrate. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19573-19578.	7.1	111
79	The Case of the Missing Mechanism: How Does Temperature Influence Seasonal Timing in Endotherms?. PLoS Biology, 2013, 11, e1001517.	5.6	96
80	HVC lesions modify immediate early gene expression in auditory forebrain regions of femalesongbirds. Developmental Neurobiology, 2013, 73, 315-323.	3.0	16
81	Distinct neuroendocrine mechanisms control neural activity underlying sex differences in sexual motivation and performance. European Journal of Neuroscience, 2013, 37, 735-742.	2.6	7
82	A New Method for In Vitro Detection of Bromodeoxyuridine in Serum: A Proof of Concept in a Songbird Species, the Canary. PLoS ONE, 2013, 8, e63692.	2.5	26
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	Colocalization of Immediate Early Genes in Catecholamine Cells after Song Exposure in Female Zebra Finches <i>(Taeniopygia guttata)</i>. Brain, Behavior and Evolution, 2012, 79, 252-260.	1.7	31
85	Rapid control of male typical behaviors by brain-derived estrogens. Frontiers in Neuroendocrinology, 2012, 33, 425-446.	5.2	98
86	Sex Differences in the Brain: The Not So Inconvenient Truth. Journal of Neuroscience, 2012, 32, 2241-2247.	3.6	576
87	Variation in enkephalin immunoreactivity in the social behavior network and song control system of male European starlings (Sturnus vulgaris) is dependent on breeding state and gonadal condition. Journal of Chemical Neuroanatomy, 2012, 43, 87-95.	2.1	5
88	High throughput analysis reveals dissociable gene expression profiles in two independent neural systems involved in the regulation of social behavior. BMC Neuroscience, 2012, 13, 126.	1.9	25
89	Variation in the gonadotrophin-releasing hormone-1 and the song control system in the tropical breeding rufous-collared sparrow (Zonotrichia capensis) is dependent on sex and reproductive state. General and Comparative Endocrinology, 2012, 178, 1-7.	1.8	10
90	Disruption of neuropsin mRNA expression via RNA interference facilitates the photoinduced increase in thyrotropinâ€stimulating subunit Î² in birds. European Journal of Neuroscience, 2012, 36, 2859-2865.	2.6	44

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91	Cellular Mechanisms Controlling Rapid Changes in Brain Aromatase Activity. , 2012, , 416-437.		1
92	Rapid Modulation of Aromatase Activity by Social and Environmental Stimuli in Quail. , 2012, , 438-452.		1
93	Concluding Statements and Current Challenges. , 2012, , 512-514.		0
94	Sexual arousal, is it for mammals only?. Hormones and Behavior, 2011, 59, 645-655.	2.1	14
95	Sex Differences in Brain Aromatase Activity: Genomic and Non-Genomic Controls. Frontiers in Endocrinology, 2011, 2, 34.	3.5	30
96	Specific Activation of Estrogen Receptor Alpha and Beta Enhances Male Sexual Behavior and Neuroplasticity in Male Japanese Quail. PLoS ONE, 2011, 6, e18627.	2.5	14
97	Steroid receptor coactivator 2 modulates steroidâ€dependent male sexual behavior and neuroplasticity in Japanese quail (Coturnix japonica). Journal of Neurochemistry, 2011, 119, 579-593.	3.9	17
98	Effects of sex steroids on aromatase mRNA expression in the male and female quail brain. General and Comparative Endocrinology, 2011, 170, 180-188.	1.8	13
99	Information theory and the neuropeptidergic regulation of seasonal reproduction in mammals and birds. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2477-2485.	2.6	29
100	Neural Mechanisms for the Coordination of Duet Singing in Wrens. Science, 2011, 334, 666-670.	12.6	85
101	Androgens and Estrogens Synergistically Regulate the Expression of Doublecortin and Enhance Neuronal Recruitment in the Song System of Adult Female Canaries. Journal of Neuroscience, 2011, 31, 9649-9657.	3.6	47
102	Organizing Effects of Sex Steroids on Brain Aromatase Activity in Quail. PLoS ONE, 2011, 6, e19196.	2.5	36
103	A comparative approach to the study of dopamine and male sexual behavior: What can Japanese quail teach us? A reply to Pfaus (2010).. Behavioral Neuroscience, 2010, 124, 881-883.	1.2	1
104	Photoperiodic differences in a forebrain nucleus involved in vocal plasticity: Enkephalin immunoreactivity reveals volumetric variation in song nucleus lMAN but not NIf in male European starlings (Sturnus vulgaris). Developmental Neurobiology, 2010, 70, 751-763.	3.0	8
105	Sex steroidâ€induced neuroplasticity and behavioral activation in birds. European Journal of Neuroscience, 2010, 32, 2116-2132.	2.6	49
106	Dopamine release in the medial preoptic area is related to hormonal action and sexual motivation.. Behavioral Neuroscience, 2010, 124, 773-779.	1.2	44
107	Japanese Quail as a Model System for Studying the Neuroendocrine Control of Reproductive and Social Behaviors. ILAR Journal, 2010, 51, 310-325.	1.8	88
108	Seasonal and hormonal modulation of neurotransmitter systems in the song control circuit. Journal of Chemical Neuroanatomy, 2010, 39, 82-95.	2.1	53

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109	Introduction to the chemical neuroanatomy of birdsong. Journal of Chemical Neuroanatomy, 2010, 39, 67-71.	2.1	5
110	Diversity of mechanisms involved in aromatase regulation and estrogen action in the brain. Biochimica Et Biophysica Acta - General Subjects, 2010, 1800, 1094-1105.	2.4	41
111	Effects of social experience on subsequent sexual performance in naÃ¯ve male Japanese quail (Coturnix) Tj ETQq1 1 0.784314 rgBT /Ove	2.1	27
112	Is sexual motivational state linked to dopamine release in the medial preoptic area?. Behavioral Neuroscience, 2010, 124, 300-304.	1.2	47
113	Species Differences in the Relative Densities of D1- and D2-Like Dopamine Receptor Subtypes in the Japanese Quail and Rats: An in vitro Quantitative Receptor Autoradiography Study. Brain, Behavior and Evolution, 2009, 73, 81-90.	1.7	16
114	Photoperiodic Condition Is Associated with Region-Specific Expression of GNRH1 mRNA in the Preoptic Area of the Male Starling (Sturnus vulgaris)1. Biology of Reproduction, 2009, 81, 674-680.	2.7	29
115	Are rapid changes in gonadal testosterone release involved in the fast modulation of brain estrogen effects?. General and Comparative Endocrinology, 2009, 163, 298-305.	1.8	29
116	Anatomical localization of the effects of reproductive state, castration, and social milieu on cells immunoreactive for gonadotropinâ€releasing hormoneâ€I in male European starlings (<i>Sturnus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	41
117	Independent effects of song quality and experience with photostimulation on expression of the immediate, early gene ZENK (EGRâ€1) in the auditory telencephalon of female European starlings. Developmental Neurobiology, 2009, 69, 339-349.	3.0	10
118	Estradiol, a key endocrine signal in the sexual differentiation and activation of reproductive behavior in quail. Journal of Experimental Zoology, 2009, 311A, 323-345.	1.2	89
119	Behavioral Effects of Brainâ€derived Estrogens in Birds. Annals of the New York Academy of Sciences, 2009, 1163, 31-48.	3.8	37
120	Presence of aromatase and estrogen receptor alpha in the inner ear of zebra finches. Hearing Research, 2009, 252, 49-55.	2.0	56
121	Interplay among catecholamine systems: Dopamine binds to Î±₂â€adrenergic receptors in birds and mammals. Journal of Comparative Neurology, 2008, 511, 610-627.	1.6	64
122	Doublecortin as a marker of adult neuroplasticity in the canary song control nucleus HVC. European Journal of Neuroscience, 2008, 27, 801-817.	2.6	94
123	Photoperiodic induced changes in reproductive state of border canaries (Serinus canaria) are associated with marked variation in hypothalamic gonadotropin-releasing hormone immunoreactivity and the volume of song control regions. General and Comparative Endocrinology, 2008, 158, 10-19.	1.8	43
124	The Songbird Neurogenomics (SoNG) Initiative: Community-based tools and strategies for study of brain gene function and evolution. BMC Genomics, 2008, 9, 131.	2.8	126
125	Sex differences in the response to environmental cues regulating seasonal reproduction in birds. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 231-246.	4.0	175
126	Dopamine binds to Î±2-adrenergic receptors in the song control system of zebra finches (Taeniopygia) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.1	25

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127	Catecholaminergic cell groups and vocal communication in male songbirds. Physiology and Behavior, 2008, 93, 870-876.	2.1	32
128	How useful is the appetitive and consummatory distinction for our understanding of the neuroendocrine control of sexual behavior?. Hormones and Behavior, 2008, 53, 307-311.	2.1	73
129	Rapid action on neuroplasticity precedes behavioral activation by testosterone. Hormones and Behavior, 2008, 54, 488-495.	2.1	33
130	Site-specific effects of anosmia and cloacal gland anesthesia on Fos expression induced in male quail brain by sexual behavior. Behavioural Brain Research, 2008, 194, 52-65.	2.2	19
131	Individual variation and the endocrine regulation of behaviour and physiology in birds: a cellular/molecular perspective. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1699-1710.	4.0	139
132	Noradrenergic Deficits Alter Processing of Communication Signals in Female Songbirds. Brain, Behavior and Evolution, 2008, 72, 207-214.	1.7	45
133	Chapter 7 The Neuroendocrine Control of Sex Specific Behavior in Vertebrates. Current Topics in Developmental Biology, 2008, 83, 213-248.	2.2	9
134	The Ovary Knows More than You Think! New Views on Clock Genes and the Positive Feedback Control of Luteinizing Hormone. Endocrinology, 2007, 148, 3029-3030.	2.8	16
135	Neuroanatomical specificity of sex differences in expression of aromatase mRNA in the quail brain. Journal of Chemical Neuroanatomy, 2007, 33, 75-86.	2.1	45
136	The microtubule-associated protein doublecortin is broadly expressed in the telencephalon of adult canaries. Journal of Chemical Neuroanatomy, 2007, 33, 140-154.	2.1	57
137	Sex differences in projections from preoptic area aromatase cells to the periaqueductal gray in Japanese quail. Journal of Comparative Neurology, 2007, 500, 894-907.	1.6	35
138	Noradrenergic projections to the song control nucleus area X of the medial striatum in male zebra finches (Taeniopygia guttata). Journal of Comparative Neurology, 2007, 502, 544-562.	1.6	42
139	Topography in the preoptic region: Differential regulation of appetitive and consummatory male sexual behaviors. Frontiers in Neuroendocrinology, 2007, 28, 161-178.	5.2	188
140	Transduction of a non-photic cue: from the auditory system to a neuroendocrine response?. Journal Fur Ornithologie, 2007, 148, 527-538.	1.2	8
141	Targeting steroid receptor coactivator-1 expression with locked nucleic acids antisense reveals different thresholds for the hormonal regulation of male sexual behavior in relation to aromatase activity and protein expression. Behavioural Brain Research, 2006, 172, 333-343.	2.2	29
142	Rapid effects of aromatase inhibition on male reproductive behaviors in Japanese quail. Hormones and Behavior, 2006, 49, 45-67.	2.1	98
143	Androgen metabolism and the activation of male sexual behavior: It's more complicated than you think!. Hormones and Behavior, 2006, 49, 1-3.	2.1	14
144	Is brain estradiol a hormone or a neurotransmitter?. Trends in Neurosciences, 2006, 29, 241-249.	8.6	357

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145	A Neuroethological Approach to Song Behavior and Perception in European Starlings: Interrelationships Among Testosterone, Neuroanatomy, Immediate Early Gene Expression, and Immune Function. Advances in the Study of Behavior, 2006, , 59-121.	1.6	15
146	Functional significance of the rapid regulation of brain estrogen action: Where do the estrogens come from?. Brain Research, 2006, 1126, 2-26.	2.2	200
147	Social context affects testosterone-induced singing and the volume of song control nuclei in male canaries (Serinus canaria). Journal of Neurobiology, 2006, 66, 1044-1060.	3.6	61
148	Thyroid Hormone Transport and Photoperiodism: Feeling Oneâ€™s Oatps. Endocrinology, 2006, 147, 1065-1066.	2.8	1
149	Rapid Control of Brain Aromatase Activity by Glutamatergic Inputs. Endocrinology, 2006, 147, 359-366.	2.8	153
150	Social Suppression of Song Is Associated With a Reduction in Volume of a Song-Control Nucleus in European Starlings (Sturnus vulgaris).. Behavioral Neuroscience, 2005, 119, 233-244.	1.2	70
151	Evidence for Opioid Involvement in the Regulation of Song Production in Male European Starlings (Sturnus vulgaris).. Behavioral Neuroscience, 2005, 119, 245-255.	1.2	47
152	A role for norepinephrine in the regulation of contextâ€dependent ZENK expression in male zebra finches (Taeniopygia guttata). European Journal of Neuroscience, 2005, 21, 1962-1972.	2.6	75
153	Avian brains and a new understanding of vertebrate brain evolution. Nature Reviews Neuroscience, 2005, 6, 151-159.	10.2	930
154	Complementary neural systems for the experienceâ€dependent integration of mateâ€choice cues in European starlings. Journal of Neurobiology, 2005, 62, 72-81.	3.6	41
155	Inhibition of Steroid Receptor Coactivator-1 Blocks Estrogen and Androgen Action on Male Sex Behavior and Associated Brain Plasticity. Journal of Neuroscience, 2005, 25, 906-913.	3.6	88
156	Age- and Sex-Related Variation in Song-Control Regions in Cassinâ€™s Finches, Carpodacus cassinii. Brain, Behavior and Evolution, 2005, 65, 262-267.	1.7	13
157	Dopamine modulates male sexual behavior in Japanese quail in part via actions on noradrenergic receptors. Behavioural Brain Research, 2005, 163, 42-57.	2.2	22
158	The effect of auditory distractors on song discrimination in male canaries (Serinus canaria). Behavioural Processes, 2005, 69, 331-341.	1.1	44
159	Coordinated and dissociated effects of testosterone on singing behavior and song control nuclei in canaries (). Hormones and Behavior, 2005, 47, 467-476.	2.1	66
160	Economy of mate attraction in the Cassin's finch. Biology Letters, 2005, 1, 34-37.	2.3	20
161	Prior Experience with Photostimulation Enhances Photo-Induced Reproductive Development in Female European Starlings: A Possible Basis for the Age-Related Increase in Avian Reproductive Performance1. Biology of Reproduction, 2004, 71, 979-986.	2.7	36
162	Seasonal Plasticity in the Song Control System: Multiple Brain Sites of Steroid Hormone Action and the Importance of Variation in Song Behavior. Annals of the New York Academy of Sciences, 2004, 1016, 586-610.	3.8	128

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163	Functional differences in forebrain auditory regions during learned vocal recognition in songbirds. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2004, 190, 1001-1010.	1.6	57
164	Revised nomenclature for avian telencephalon and some related brainstem nuclei. Journal of Comparative Neurology, 2004, 473, 377-414.	1.6	1,054
165	Hormonal regulation of brain circuits mediating male sexual behavior in birds. Physiology and Behavior, 2004, 83, 329-346.	2.1	180
166	Preoptic aromatase modulates male sexual behavior: slow and fast mechanisms of action. Physiology and Behavior, 2004, 83, 247-270.	2.1	136
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