Arthur P Arnold

List of Publications by Year
in descending order

223 papers	21,301 citations	7994 77 h-index	12194 135 g-index
241 all docs	241 docs citations	241 times ranked	16284 citing authors

#	Article	IF	Citations
1	Sex differences in kidney metabolism may reflect sex-dependent outcomes in human diabetic kidney disease. Science Translational Medicine, 2024, 16, .	13.4	4
2	Sex differences in kappa opioid receptor antinociception is influenced by the number of X chromosomes in mouse. Journal of Neuroscience Research, 2022, 100, 183-190.	3.0	15
3	In Memoriam, Roger A. Gorski (1935â€“2021). Frontiers in Neuroendocrinology, 2022, 64, 100969.	5.2	0
4	Y-Chromosome Gene, Uty, Protects Against Pulmonary Hypertension by Reducing Proinflammatory Chemokines. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 186-196.	6.6	30
5	X chromosome agents of sexual differentiation. Nature Reviews Endocrinology, 2022, 18, 574-583.	9.6	27
6	Sex chromosome complement affects multiple aspects of reversalâ€learning task performance in mice. Genes, Brain and Behavior, 2021, 20, e12685.	2.1	9
7	Considering Sex as a Biological Variable in Basic and Clinical Studies: An Endocrine Society Scientific Statement. Endocrine Reviews, 2021, 42, 219-258.	20.3	73
8	X chromosome escapee genes are involved in ischemic sexual dimorphism through epigenetic modification of inflammatory signals. Journal of Neuroinflammation, 2021, 18, 70.	7.4	38
9	Sex Differences in the Immune System Become Evident in the Perinatal Period in the Four Core Genotypes Mouse. Frontiers in Endocrinology, 2021, 12, 582614.	3.5	9
10	Effect of sex chromosomes versus hormones in neonatal lung injury. JCI Insight, 2021, 6, .	5.0	22
11	Monosomy X in Female Mice Influences the Regional Formation and Augments the Severity of Angiotensin IIâ€“Induced Aortopathies. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 269-283.	4.7	6
12	Cardiac proteomics reveals sex chromosome-dependent differences between males and females that arise prior to gonad formation. Developmental Cell, 2021, 56, 3019-3034.e7.	7.0	43
13	Sexual Differentiation of the Brain and Behavior: A Primer. , 2021, , 1-33.		0
14	A second X chromosome contributes to resilience in a mouse model of Alzheimerâ€™s disease. Science Translational Medicine, 2020, 12, .	13.4	117
15	Four Core Genotypes and XY* mouse models: Update on impact on SABV research. Neuroscience and Biobehavioral Reviews, 2020, 119, 1-8.	6.6	68
16	Transcriptional analysis of the multiple Sry genes and developmental program at the onset of testis differentiation in the rat. Biology of Sex Differences, 2020, 11, 28.	4.2	7
17	Hypothalamic oestrogen receptor alpha establishes a sexually dimorphic regulatory node of energy expenditure. Nature Metabolism, 2020, 2, 351-363.	11.4	66
18	Sexual differentiation of brain and other tissues: Five questions for the next 50Âyears. Hormones and Behavior, 2020, 120, 104691.	2.1	46

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19	X chromosome dosage of histone demethylase KDM5C determines sex differences in adiposity. Journal of Clinical Investigation, 2020, 130, 5688-5702.	8.2	74
20	The application of multi-particulate microcapsule containing probiotic bacteria and inulin nanoparticles in enhancing the probiotic survivability in yoghurt. Biocatalysis and Agricultural Biotechnology, 2019, 22, 101391.	3.3	31
21	Gene-by-Sex Interactions in Mitochondrial Functions and Cardio-Metabolic Traits. Cell Metabolism, 2019, 29, 932-949.e4.	15.8	88
22	Reversal Learning Performance in the XYâˆ— Mouse Model of Klinefelter and Turner Syndromes. Frontiers in Behavioral Neuroscience, 2019, 13, 201.	2.1	9
23	XX sex chromosome complement promotes atherosclerosis in mice. Nature Communications, 2019, 10, 2631.	13.2	52
24	Rethinking sex determination of non-gonadal tissues. Current Topics in Developmental Biology, 2019, 134, 289-315.	5.7	43
25	The mouse as a model of fundamental concepts related to Turner syndrome. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 133-142.	1.9	9
26	Parent-of-origin differences in DNA methylation of X chromosome genes in T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26779-26787.	7.6	55
27	The X-linked histone demethylase Kdm6a in CD4+ T lymphocytes modulates autoimmunity. Journal of Clinical Investigation, 2019, 129, 3852-3863.	8.2	117
28	The Y Chromosome Plays a Protective Role in Experimental Hypoxic Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 952-955.	6.6	52
29	Sexual Inequality in the Cancer Cell. Cancer Research, 2018, 78, 5504-5505.	0.9	30
30	How fishing intensity affects the spatial and trophic ecology of two gull species breeding in sympatry. ICES Journal of Marine Science, 2018, 75, 2288-2288.	2.5	2
31	Diet, gonadal sex, and sex chromosome complement influence white adipose tissue miRNA expression. BMC Genomics, 2017, 18, 89.	2.9	42
32	Sex Hormones and Sex Chromosomes Cause Sex Differences in the Development of Cardiovascular Diseases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 746-756.	4.7	236
33	A Guide for the Design of Pre-clinical Studies on Sex Differences in Metabolism. Cell Metabolism, 2017, 25, 1216-1230.	15.8	194
34	Y chromosomeâ€™s roles in sex differences in disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3787-3789.	7.6	27
35	Incorporating sex as a biological variable in neuroscience: what do we gain?. Nature Reviews Neuroscience, 2017, 18, 707-708.	10.7	55
36	A general theory of sexual differentiation. Journal of Neuroscience Research, 2017, 95, 291-300.	3.0	221

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37	Considering sex as a biological variable in preclinical research. FASEB Journal, 2017, 31, 29-34.	0.5	302
38	Sexual Differentiation of Brain and Behavior in Birds. , 2017, , 185-224.		9
39	Sex Differences in the Age of Genetics. , 2017, , 33-48.		2
40	A primer on the use of mouse models for identifying direct sex chromosome effects that cause sex differences in non-gonadal tissues. Biology of Sex Differences, 2016, 7, 68.	4.2	107
41	Report of the National Heart, Lung, and Blood Institute Working Group on Sex Differences Research in Cardiovascular Disease. Hypertension, 2016, 67, 802-807.	5.2	59
42	Sexual Differentiation of the Brain and Behavior: A Primer. , 2016, , 1-30.		0
43	The importance of having two X chromosomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150113.	4.2	95
44	Sexual Differentiation of the Brain and Behavior: A Primer. , 2016, , 2139-2168.		9
45	The <scp>XX</scp> Sex Chromosome Complement is Required in Male and Female Mice for Enhancement of Immunity Induced by Exposure to 3,4â€Dichloropropionanilide. American Journal of Reproductive Immunology, 2015, 74, 136-147.	1.2	9
46	Are females more variable than males in gene expression? Meta-analysis of microarray datasets. Biology of Sex Differences, 2015, 6, 18.	4.2	74
47	Increased High-Density Lipoprotein Cholesterol Levels in Mice With XX Versus XY Sex Chromosomes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1778-1786.	4.7	79
48	Sex differences in diurnal rhythms of food intake in mice caused by gonadal hormones and complement of sex chromosomes. Hormones and Behavior, 2015, 75, 55-63.	2.1	55
49	Four Core Genotypes mouse model: localization of the Sry transgene and bioassay for testicular hormone levels. BMC Research Notes, 2015, 8, 69.	1.4	71
50	Sex Differences in Ischemic Stroke Sensitivity Are Influenced by Gonadal Hormones, Not by Sex Chromosome Complement. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 221-229.	4.6	103
51	Sex chromosome complement influences operant responding for a palatable food in mice. Genes, Brain and Behavior, 2014, 13, 527-534.	2.1	27
52	XY sex chromosome complement, compared with XX, in the CNS confers greater neurodegeneration during experimental autoimmune encephalomyelitis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2806-2811.	7.6	109
53	The effects of perinatal testosterone exposure on the DNA methylome of the mouse brain are late-emerging. Biology of Sex Differences, 2014, 5, 8.	4.2	108
54	Conceptual frameworks and mouse models for studying sex differences in physiology and disease: Why compensation changes the game. Experimental Neurology, 2014, 259, 2-9.	4.1	81

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55	The number of X chromosomes influences protection from cardiac ischaemia/reperfusion injury in mice: one X is better than two. Cardiovascular Research, 2014, 102, 375-384.	3.7	78
56	X chromosome regulation of autosomal gene expression in bovine blastocysts. Chromosoma, 2014, 123, 481-489.	2.1	7
57	Feminized Behavior and Brain Gene Expression in a Novel Mouse Model of Klinefelter Syndrome. Archives of Sexual Behavior, 2014, 43, 1043-1057.	2.2	20
58	The Sex Chromosome Trisomy mouse model of XXY and XYY: metabolism and motor performance. Biology of Sex Differences, 2013, 4, 15.	4.2	33
59	Cellâ€autonomous sex determination outside of the gonad. Developmental Dynamics, 2013, 242, 371-379.	1.9	64
60	What a Difference an X or Y Makes: Sex Chromosomes, Gene Dose, and Epigenetics in Sexual Differentiation. Handbook of Experimental Pharmacology, 2013, , 67-88.	0.0	54
61	Gonadal- and Sex-Chromosome-Dependent Sex Differences in the Circadian System. Endocrinology, 2013, 154, 1501-1512.	2.8	114
62	X and Y Chromosome Complement Influence Adiposity and Metabolism in Mice. Endocrinology, 2013, 154, 1092-1104.	2.8	97
63	Metabolic impact of sex chromosomes. Adipocyte, 2013, 2, 74-79.	2.9	89
64	The Number of X Chromosomes Causes Sex Differences in Adiposity in Mice. PLoS Genetics, 2012, 8, e1002709.	3.4	263
65	Understanding the Sexome: Measuring and Reporting Sex Differences in Gene Systems. Endocrinology, 2012, 153, 2551-2555.	2.8	94
66	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.	7.6	56
67	Sex Differences in the Brain: The Not So Inconvenient Truth. Journal of Neuroscience, 2012, 32, 2241-2247.	3.8	597
68	The end of gonad-centric sex determination in mammals. Trends in Genetics, 2012, 28, 55-61.	6.9	184
69	Reframing sexual differentiation of the brain. Nature Neuroscience, 2011, 14, 677-683.	14.5	648
70	Karyotypic polymorphism of the zebra finch Z chromosome. Chromosoma, 2011, 120, 255-264.	2.1	26
71	Possible differences in the two Z chromosomes in male chickens and evolution of MHM sequences in Galliformes. Chromosoma, 2011, 120, 587-598.	2.1	20
72	Sex chromosome complement contributes to sex differences in coxsackievirus B3 but not influenza A virus pathogenesis. Biology of Sex Differences, 2011, 2, 8.	4.2	77

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73	Factors Causing Sex differences in Birds. Avian Biology Research, 2011, 4, 44-51.	0.7	25
74	Neural expression and post-transcriptional dosage compensation of the steroid metabolic enzyme 17Î²-HSD type 4. BMC Neuroscience, 2010, 11, 47.	1.8	24
75	Promoting the understanding of sex differences to enhance equity and excellence in biomedical science. Biology of Sex Differences, 2010, 1, 1.	4.2	48
76	Sex differences in renal angiotensin converting enzyme 2 (ACE2) activity are 17Î²-oestradiol-dependent and sex chromosome-independent. Biology of Sex Differences, 2010, 1, 6.	4.2	226
77	The genome of a songbird. Nature, 2010, 464, 757-762.	36.2	786
78	Sex bias and dosage compensation in the zebra finch versus chicken genomes: General and specialized patterns among birds. Genome Research, 2010, 20, 512-518.	5.6	113
79	Sex Chromosome Effects Unmasked in Angiotensin IIâ€“Induced Hypertension. Hypertension, 2010, 55, 1275-1282.	5.2	123
80	Dissociation of Genetic and Hormonal Influences on Sex Differences in Alcoholism-Related Behaviors. Journal of Neuroscience, 2010, 30, 9140-9144.	3.8	116
81	Elucidating the Role of Gonadal Hormones in Sexually Dimorphic Gene Coexpression Networks. Endocrinology, 2009, 150, 1235-1249.	2.8	227
82	What does the â€œfour core genotypesâ€•mouse model tell us about sex differences in the brain and other tissues?. Frontiers in Neuroendocrinology, 2009, 30, 1-9.	5.2	500
83	Disruption of FEM1C-W gene in zebra finch: evolutionary insights on avian ZW genes. Chromosoma, 2009, 118, 323-334.	2.1	7
84	Molecular cloning and characterization of the germline-restricted chromosome sequence in the zebra finch. Chromosoma, 2009, 118, 527-536.	2.1	45
85	The role of LINEs and CpG islands in dosage compensation on the chicken Z chromosome. Chromosome Research, 2009, 17, 727-36.	2.1	9
86	Mouse Models for Evaluating Sex Chromosome Effects that Cause Sex Differences in Nonâ€Gonadal Tissues. Journal of Neuroendocrinology, 2009, 21, 377-386.	2.6	139
87	X chromosome number causes sex differences in gene expression in adult mouse striatum. European Journal of Neuroscience, 2009, 29, 768-776.	3.5	69
88	Systems biology asks new questions about sex differences. Trends in Endocrinology and Metabolism, 2009, 20, 471-476.	7.0	38
89	The organizationalâ€“activational hypothesis as the foundation for a unified theory of sexual differentiation of all mammalian tissues. Hormones and Behavior, 2009, 55, 570-578.	2.1	518
90	Molecular cloning of zebra finch W chromosome repetitive sequences: evolution of the avian W chromosome. Chromosoma, 2008, 117, 111-121.	2.1	19

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91	Sex difference in neural tube defects in p53â€null mice is caused by differences in the complement of X not Y genes. Developmental Neurobiology, 2008, 68, 265-273.	3.1	88
92	The Songbird Neurogenomics (SoNG) Initiative: Community-based tools and strategies for study of brain gene function and evolution. BMC Genomics, 2008, 9, 131.	2.9	126
93	A doseâ€"response study of estradiol's effects on the developing zebra finch song system. Neuroscience Letters, 2008, 445, 158-161.	2.1	19
94	Sex chromosome complement affects nociception in tests of acute and chronic exposure to morphine in mice. Hormones and Behavior, 2008, 53, 124-130.	2.1	85
95	Sex Chromosome Complement Affects Nociception and Analgesia in Newborn Mice. Journal of Pain, 2008, 9, 962-969.	1.4	45
96	A Bird's-Eye View of Sex Chromosome Dosage Compensation. Annual Review of Genomics and Human Genetics, 2008, 9, 109-127.	6.3	85
97	A role for sex chromosome complement in the female bias in autoimmune disease. Journal of Experimental Medicine, 2008, 205, 1099-1108.	8.8	322
98	Effects of long-term flutamide treatment during development in zebra finches. Neuroscience Letters, 2007, 418, 92-96.	2.1	22
99	Regional differences in dosage compensation on the chicken Z chromosome. Genome Biology, 2007, 8, R202.	7.3	101
100	Reduced threshold for cortical spreading depression in female mice. Annals of Neurology, 2007, 61, 603-606.	5.8	98
101	Differential distribution of the MeCP2 splice variants in the postnatal mouse brain. Journal of Comparative Neurology, 2007, 501, 526-542.	2.0	86
102	Dosage compensation is less effective in birds than in mammals. Journal of Biology, 2007, 6, 2.	2.5	314
103	Sex chromosome complement regulates habit formation. Nature Neuroscience, 2007, 10, 1398-1400.	14.5	142
104	Biologische Grundlagen von Geschlechtsunterschieden. , 2007, , 19-39.		2
105	Expression of NGF and trkA mRNA in song control and other regions of the zebra finch brain. Neuroscience Letters, 2006, 409, 151-156.	2.1	7
106	Utilization of a zebra finch BAC library to determine the structure of an avian androgen receptor genomic region. Genomics, 2006, 87, 181-190.	2.9	25
107	Comparison of the chicken and zebra finch Z chromosomes shows evolutionary rearrangements. Chromosome Research, 2006, 14, 805-815.	2.1	61
108	The distribution of expression of doublecortin (DCX) mRNA and protein in the zebra finch brain. Brain Research, 2006, 1106, 189-196.	2.3	27

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109	Sexually dimorphic expression of the X-linked gene Eif2s3x mRNA but not protein in mouse brain. Gene Expression Patterns, 2006, 6, 146-155.	0.8	56
110	Tissue-specific expression and regulation of sexually dimorphic genes in mice. Genome Research, 2006, 16, 995-1004.	5.6	805
111	Sex Chromosome Complement and Gonadal Sex Influence Aggressive and Parental Behaviors in Mice. Journal of Neuroscience, 2006, 26, 2335-2342.	3.8	221
112	Distribution and onset of retinaldehyde dehydrogenase (zRalDH) expression in zebra finch brain: Lack of sex difference in HVC and RA at early posthatch ages. Journal of Neurobiology, 2005, 65, 260-268.	3.1	16
113	Spatially and temporally specific expression in mouse hippocampus of Usp9x, a ubiquitin-specific protease involved in synaptic development. Journal of Neuroscience Research, 2005, 80, 47-55.	3.0	28
114	Chromosomal polymorphism and comparative painting analysis in the zebra finch. Chromosome Research, 2005, 13, 47-56.	2.1	98
115	Sexually Dimorphic Expression of Co-Repressor Sin3A in Mouse Kidneys. Endocrine Research, 2005, 31, 111-119.	1.3	3
116	A Yin-Yang Effect between Sex Chromosome Complement and Sex Hormones on the Immune Response. Endocrinology, 2005, 146, 3280-3285.	2.8	131
117	Strategies and Methods for Research on Sex Differences in Brain and Behavior. Endocrinology, 2005, 146, 1650-1673.	2.8	699
118	Sexually dimorphic expression of trkB, a Z-linked gene, in early posthatch zebra finch brain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7730-7735.	7.6	63
119	Neonatal Mice Possessing an Sry Transgene Show a Masculinized Pattern of Progesterone Receptor Expression in the Brain Independent of Sex Chromosome Status. Endocrinology, 2004, 145, 1046-1049.	2.8	51
120	Sex Differences in Structure and Expression of the Sex Chromosome Genes CHD1Z and CHD1W in Zebra Finches. Molecular Biology and Evolution, 2004, 21, 384-396.	9.2	40
121	Sex chromosomes and brain gender. Nature Reviews Neuroscience, 2004, 5, 701-708.	10.7	334
122	Expression of androgen receptor mRNA in zebra finch song system: Developmental regulation by estrogen. Journal of Comparative Neurology, 2004, 469, 535-547.	2.0	96
123	A cDNA microarray from the telencephalon of juvenile male and female zebra finches. Journal of Neuroscience Methods, 2004, 138, 199-206.	2.6	42
124	Hormonal and Nonhormonal Mechanisms of Sexual Differentiation of the Brain. , 2004, , 84-95.		3
125	Minireview: Sex Chromosomes and Brain Sexual Differentiation. Endocrinology, 2004, 145, 1057-1062.	2.8	137
126	Are XX and XY brain cells intrinsically different?. Trends in Endocrinology and Metabolism, 2004, 15, 6-11.	7.0	157

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127	The gender of the voice within: the neural origin of sex differences in the brain. Current Opinion in Neurobiology, 2003, 13, 759-764.	4.3	21
128	Expression of androgen receptor mRNA in the late embryonic and early posthatch zebra finch brain. Journal of Comparative Neurology, 2003, 455, 513-530.	2.0	56
129	Expression of estrogen receptor and aromatase mRNAs in embryonic and posthatch zebra finch brain. Journal of Neurobiology, 2003, 55, 204-219.	3.1	50
130	Neural, not gonadal, origin of brain sex differences in a gynandromorphic finch. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4873-4878.	7.6	234
131	Cloning and Expression of Zebra Finch (Taeniopygia guttata) Steroidogenic Factor 1: Overlap with Hypothalamic but Not with Telencephalic Aromatase1. Biology of Reproduction, 2002, 66, 1127-1133.	2.6	19
132	Concepts of Genetic and Hormonal Induction of Vertebrate Sexual Differentiation in the Twentieth Century, with Special Reference to the Brain. , 2002, , 105-135.		42
133	Sex differences in sex chromosome gene expression in mouse brain. Human Molecular Genetics, 2002, 11, 1409-1419.	3.0	241
134	Antiandrogen blocks estrogen-induced masculinization of the song system in female zebra finches. Journal of Neurobiology, 2002, 51, 1-8.	3.1	33
135	Sex chromosome genes directly affect brain sexual differentiation. Nature Neuroscience, 2002, 5, 933-934.	14.5	280
136	A Model System for Study of Sex Chromosome Effects on Sexually Dimorphic Neural and Behavioral Traits. Journal of Neuroscience, 2002, 22, 9005-9014.	3.8	468
137	Primate DAX1, SRY, and SOX9: Evolutionary Stratification of Sex-Determination Pathway. American Journal of Human Genetics, 2001, 68, 275-280.	6.1	21
138	Distribution and regulation of telencephalic aromatase expression in the zebra finch revealed with a specific antibody. Journal of Comparative Neurology, 2000, 423, 619-630.	2.0	234
139	Interaction of BDNF and testosterone in the regulation of adult perineal motoneurons. Journal of Neurobiology, 2000, 44, 308-319.	3.1	45
140	BDNF regulation of androgen receptor expression in axotomized SNB motoneurons of adult male rats. Brain Research, 2000, 852, 127-139.	2.3	25
141	Effects of Embryonic Treatment with Fadrozole on Phenotype of Gonads, Syrinx, and Neural Song System in Zebra Finches. General and Comparative Endocrinology, 1999, 115, 346-353.	1.8	32
142	Zebra finch aromatase gene expression is regulated in the brain through an alternate promoter. Gene, 1999, 240, 209-216.	2.3	46
143	DEVELOPMENTAL PLASTICITY IN NEURAL CIRCUITS FOR A LEARNED BEHAVIOR. Annual Review of Neuroscience, 1997, 20, 459-481.	10.8	94
144	Song Lateralization in the Zebra Finch. Hormones and Behavior, 1997, 31, 25-34.	2.1	48

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145	Experimental Analysis of Sexual Differentiation of the Zebra Finch Brain. Brain Research Bulletin, 1997, 44, 503-507.	3.1	16
146	A putative 5Î±-reductase inhibitor demasculinizes portions of the zebra finch song system. Brain Research, 1997, 750, 122-128.	2.3	20
147	Effects of embryonic estrogen on differentiation of the gonads and secondary sexual characteristics of male zebra finches. The Journal of Experimental Zoology, 1997, 278, 405-411.	1.3	45
148	Sexual differentiation of the zebra finch song system: Positive evidence, negative evidence, null hypotheses, and a paradigm shift. Journal of Neurobiology, 1997, 33, 572-584.	3.1	126
149	Zebra finch estrogen receptor cDNA: Cloning and mRNA expression. Journal of Steroid Biochemistry and Molecular Biology, 1996, 59, 135-145.	2.6	63
150	Genetically Triggered Sexual Differentiation of Brain and Behavior. Hormones and Behavior, 1996, 30, 495-505.	2.1	138
151	3Î²-Hydroxysteroid Dehydrogenase/Isomerase and Aromatase Activity in Primary Cultures of Developing Zebra Finch Telencephalon: Dehydroepiandrosterone as Substrate for Synthesis of Androstenedione and Estrogens. General and Comparative Endocrinology, 1996, 102, 342-350.	1.8	112
152	Steroid accumulation in song nuclei of a sexually dimorphic duetting bird, the rufous and white wren. Journal of Neurobiology, 1996, 31, 235-244.	3.1	18
153	Neither Testicular Androgens nor Embryonic Aromatase Activity Alters Morphology of the Neural Song System in Zebra Finches1. Biology of Reproduction, 1996, 55, 1126-1132.	2.6	63
154	A direct comparison of the masculinizing effects of testosterone, androstenedione, estrogen, and progesterone on the development of the zebra finch song system. Journal of Neurobiology, 1995, 26, 163-170.	3.1	87
155	Axotomy of developing rat spinal motoneurons: Cell survival, soma size, muscle recovery, and the influence of testosterone. Journal of Neurobiology, 1995, 26, 225-240.	3.1	20
156	Aromatase and 5?-reductase activity in cultures of developing zebra finch brain: An investigation of sex and regional differences. Journal of Neurobiology, 1995, 27, 240-251.	3.1	52
157	Lack of a synergistic effect between estradiol and dihydrotestosterone in the masculinization of the zebra finch song system. Journal of Neurobiology, 1995, 27, 513-519.	3.1	53
158	Importance of target innervation in recovery from axotomy-induced loss of androgen receptor in rat perineal motoneurons. Journal of Neurobiology, 1995, 28, 341-353.	3.1	26
159	5?-Reductase and other Androgen-Metabolizing Enzymes in Primary Cultures of Developing Zebra Finch Telencephalon. Journal of Neuroendocrinology, 1995, 7, 187-192.	2.6	34
160	Axotomy transiently down-regulates androgen receptors in motoneurons of the spinal nucleus of the bulbocavernosus. Brain Research, 1995, 694, 61-68.	2.3	32
161	Estrogen synthesis and secretion by the songbird brain. , 1995, , 297-323.		8
162	Specificity of Androgenic Regulation of Input to Sexually Dimorphic Motoneurons in Male Rat Lumbar Spinal Cord. Experimental Neurology, 1995, 136, 258-260.	4.1	3

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163	Androgenic, not estrogenic, steroids alter neuromuscular synapse elimination in the rat levator ani. Developmental Brain Research, 1995, 84, 225-232.	1.8	19
164	Local intracerebral implants of estrogen masculinize some aspects of the zebra finch song system. Journal of Neurobiology, 1994, 25, 185-196.	3.1	52
165	Fadrozole: A Potent and Specific Inhibitor of Aromatase in the Zebra Finch Brain. General and Comparative Endocrinology, 1994, 94, 53-61.	1.8	116
166	Distribution of GABA-like immunoreactivity in the song system of the zebra finch. Brain Research, 1994, 651, 115-122.	2.3	51
167	Post-hatching inhibition of aromatase activity does not alter sexual differentiation of the zebra finch song system. Brain Research, 1994, 639, 347-350.	2.3	72
168	Androgenic modulation of the activity of lumbar neurons involved in the rat bulbocavernosus reflex. Experimental Brain Research, 1993, 94, 301-7.	1.5	14
169	An electrophysiological study of descending projections to the lumbar spinal cord in adult male rats. Experimental Brain Research, 1993, 96, 117-124.	1.5	17
170	Plasma Estrogens and Brain Aromatase in Winter White-Crowned Sparrows. Ornis Scandinavica, 1992, 23, 292.	0.9	39
171	Hormonally-induced alterations in synaptic organization in the adult nervous system. Experimental Gerontology, 1992, 27, 99-110.	2.9	13
172	Transient and permanent effects of androgen during synapse elimination in the levator ani muscle of the rat. Journal of Neurobiology, 1992, 23, 1-9.	3.1	32
173	Hormone accumulation in song regions of the canary brain. Journal of Neurobiology, 1992, 23, 871-880.	3.1	44
174	Developmental plasticity in neural circuits controlling birdsong: Sexual differentiation and the neural basis of learning. Journal of Neurobiology, 1992, 23, 1506-1528.	3.1	100
175	Tamoxifen fails to block estradiol accumulation, yet is weakly accumulated by the juvenile zebra finch anterior hypothalamus: An autoradiographic study. Journal of Neurobiology, 1991, 22, 970-975.	3.1	15
176	Androgen effects on the development of the zebra finch song system. Brain Research, 1991, 561, 99-105.	2.3	61
177	Lesions of HVc block the developmental masculinizing effects of estradiol in the female zebra finch song system. Journal of Neurobiology, 1991, 22, 29-39.	3.1	71
178	Sexually dimorphic, androgen sensitive, enkephalinergic afferents to a lumbar motor nucleus of rats. Journal of Neurobiology, 1991, 22, 873-881.	3.1	2
179	Tamoxifen's effects on the zebra finch song system are estrogenic, not antiestrogenic. Journal of Neurobiology, 1991, 22, 957-969.	3.1	45
180	Androgenic regulation of dendritic trees of motoneurons in the spinal nucleus of the bulbocavernosus: Reconstruction after intracellular iontophoresis of horseradish peroxidase. Journal of Comparative Neurology, 1991, 308, 11-27.	2.0	55

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181	Ontogeny of steroid accumulation in spinal lumbar motoneurons of the rat: Implications for androgen's site of action during synapse elimination. Journal of Comparative Neurology, 1991, 313, 441-448.	2.0	61
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