Donna L Maney

List of Publications by Year
in descending order

78 papers	5,594 citations	117625 34 h-index	82547 72 g-index
87 all docs	87 docs citations	87 times ranked	4404 citing authors

#	Article	IF	Citations
1	Expression of oxytocin receptors in the zebra finch brain during vocal development. Developmental Neurobiology, 2022, 82, 3-15.	3.0	5
2	Supergenes on steroids. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, .	4.0	6
3	Genomeâ€wide variation in DNA methylation linked to developmental stage and chromosomal suppression of recombination in whiteâ€throated sparrows. Molecular Ecology, 2021, 30, 3453-3467.	3.9	12
4	Reporting and misreporting of sex differences in the biological sciences. ELife, 2021, 10, .	6.0	118
5	Inside the supergene of the bird with four sexes. Hormones and Behavior, 2020, 126, 104850.	2.1	11
6	A supergene-linked estrogen receptor drives alternative phenotypes in a polymorphic songbird. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21673-21680.	7.1	31
7	Time course of photo-induced Egr-1 expression in the hypothalamus of a seasonally breeding songbird. Molecular and Cellular Endocrinology, 2020, 512, 110854.	3.2	4
8	The challenge hypothesis: Triumphs and caveats. Hormones and Behavior, 2020, 123, 104663.	2.1	5
9	Vasoactive intestinal peptide as a mediator of the effects of a supergene on social behaviour. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200196.	2.6	16
10	Female Sexual Behavior: Hormonal Basis in Non-Mammalian Vertebrates. , 2019, , 395-402.		1
11	Regional epigenetic differentiation of the Z Chromosome between sexes in a female heterogametic system. Genome Research, 2019, 29, 1673-1684.	5.5	19
12	A chromosomal inversion predicts the expression of sex steroid-related genes in a species with alternative behavioral phenotypes. Molecular and Cellular Endocrinology, 2019, 495, 110517.	3.2	11
13	The use of glucocorticoid hormones or leucocyte profiles to measure stress in vertebrates: Whatâ€™s the difference?. Methods in Ecology and Evolution, 2018, 9, 1556-1568.	5.2	102
14	Rapid effects of estradiol on aggression depend on genotype in a species with an estrogen receptor polymorphism. Hormones and Behavior, 2018, 98, 210-218.	2.1	28
15	Rapid regulatory evolution of a nonrecombining autosome linked to divergent behavioral phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2794-2799.	7.1	28
16	Soundâ€induced monoaminergic turnover in the auditory forebrain depends on endocrine state in a seasonallyâ€breeding songbird. Journal of Neuroendocrinology, 2018, 30, e12606.	2.6	9
17	Rapid effects of 17Î²-estradiol on aggressive behavior in songbirds: Environmental and genetic influences. Hormones and Behavior, 2018, 104, 41-51.	2.1	25
18	Polymorphisms in sex steroid receptors: From gene sequence to behavior. Frontiers in Neuroendocrinology, 2017, 47, 47-65.	5.2	26

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19	Hormones and the Incentive Salience of Bird Song. Springer Handbook of Auditory Research, 2016, , 101-132.	0.7	13
20	Perils and pitfalls of reporting sex differences. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150119.	4.0	108
21	Genes located in a chromosomal inversion are correlated with territorial song in whiteâ€throated sparrows. Genes, Brain and Behavior, 2015, 14, 641-654.	2.2	43
22	Return of the gonads (retrospective on DOI 10.1002/bies.201200081). BioEssays, 2015, 37, 473-473.	2.5	0
23	Estrogen Receptor Alpha as a Mediator of Life-History Trade-offs. Integrative and Comparative Biology, 2015, 55, 323-331.	2.0	20
24	Estrogen receptor Î± polymorphism in a species with alternative behavioral phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1443-1448.	7.1	95
25	Just Like a Circus: The Public Consumption of Sex Differences. Current Topics in Behavioral Neurosciences, 2014, 19, 279-296.	1.7	29
26	Evaluation of reference genes for quantitative real-time PCR in the brain, pituitary, and gonads of songbirds. Hormones and Behavior, 2014, 66, 267-275.	2.1	59
27	Hormonal regulation of vasotocin receptor mRNA in a seasonally breeding songbird. Hormones and Behavior, 2014, 65, 254-263.	2.1	14
28	New insights into the hormonal and behavioural correlates ofÂpolymorphism in white-throated sparrows, Zonotrichia albicollis. Animal Behaviour, 2014, 93, 207-219.	1.9	45
29	Behavioral Characterization of a White-Throated Sparrow Homozygous for the ZAL2m Chromosomal Rearrangement. Behavior Genetics, 2013, 43, 60-70.	2.1	29
30	The incentive salience of courtship vocalizations: Hormone-mediated â€˜wantingâ€™ in the auditory system. Hearing Research, 2013, 305, 19-30.	2.0	51
31	Testosterone alters genomic responses to song and monoaminergic innervation of auditory areas in a seasonally breeding songbird. Developmental Neurobiology, 2013, 73, 455-468.	3.0	23
32	Estradiol-dependent modulation of serotonergic markers in auditory areas of a seasonally breeding songbird.. Behavioral Neuroscience, 2012, 126, 110-122.	1.2	39
33	Birdsong: Is It Music to Their Ears?. Frontiers in Evolutionary Neuroscience, 2012, 4, 14.	3.7	35
34	Whither the gonads? (Comment on DOI 10.1002/bies.201200081). BioEssays, 2012, 34, 1008-1008.	2.5	3
35	Rapid Effects of Hearing Song on Catecholaminergic Activity in the Songbird Auditory Pathway. PLoS ONE, 2012, 7, e39388.	2.5	34
36	Morph Matters: Aggression Bias in a Polymorphic Sparrow. PLoS ONE, 2012, 7, e48705.	2.5	34

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37	Estradiol-dependent catecholaminergic innervation of auditory areas in a seasonally breeding songbird. European Journal of Neuroscience, 2011, 34, 416-425.	2.6	45
38	Chromosome-wide linkage disequilibrium caused by an inversion polymorphism in the white-throated sparrow (Zonotrichia albicollis). Heredity, 2011, 106, 537-546.	2.6	68
39	Estradiol-dependent modulation of auditory processing and selectivity in songbirds. Frontiers in Neuroendocrinology, 2011, 32, 287-302.	5.2	102
40	Neural Distribution of Vasotocin Receptor mRNA in Two Species of Songbird. Endocrinology, 2011, 152, 4865-4881.	2.8	70
41	Haplotype-Based Genomic Sequencing of a Chromosomal Polymorphism in the White-Throated Sparrow (Zonotrichia albicollis). Journal of Heredity, 2011, 102, 380-390.	2.4	33
42	Neurogenomic Mechanisms of Aggression in Songbirds. Advances in Genetics, 2011, 75, 83-119.	1.8	31
43	Topography of estradiolâ€modulated genomic responses in the songbird auditory forebrain. Developmental Neurobiology, 2010, 70, 73-86.	3.0	45
44	Evolution of a Bitter Taste Receptor Gene Cluster in a New World Sparrow. Genome Biology and Evolution, 2010, 2, 358-370.	2.5	38
45	Contrasting population genetic patterns within the white-throated sparrow genome (Zonotrichia) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	27
46	Gonadotrophinâ€Releasing Hormone Neurones in a Photoperiodic Songbird Express Fos and Egrâ€1 Protein After a Single Long Day. Journal of Neuroendocrinology, 2010, 22, 196-207.	2.6	17
47	Female Sexual Behavior: Hormonal Basis in Non-Mammalian Vertebrates. , 2010, , 697-703.		5
48	Neural distribution of nonapeptide binding sites in two species of songbird. Journal of Comparative Neurology, 2009, 513, 197-208.	1.6	55
49	Behavioral phenotypes persist after gonadal steroid manipulation in white-throated sparrows. Hormones and Behavior, 2009, 55, 113-120.	2.1	38
50	Estradiol modulates neural responses to song in a seasonal songbird. Journal of Comparative Neurology, 2008, 511, 173-186.	1.6	105
51	Carotenoid-Based Plumage Coloration Predicts Leukocyte Parameters during the Breeding Season in Northern Cardinals (Cardinalis cardinalis). Ethology, 2008, 114, 369-380.	1.1	23
52	The use of leukocyte profiles to measure stress in vertebrates: a review for ecologists. Functional Ecology, 2008, 22, 760-772.	3.6	1,099
53	Activity of the hypothalamicâ€“pituitaryâ€“gonadal axis differs between behavioral phenotypes in female white-throated sparrows (Zonotrichia albicollis). General and Comparative Endocrinology, 2008, 156, 426-433.	1.8	25
54	Endocrine and genomic architecture of life history trade-offs in an avian model of social behavior. General and Comparative Endocrinology, 2008, 157, 275-282.	1.8	36

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55	The Chromosomal Polymorphism Linked to Variation in Social Behavior in the White-Throated Sparrow (Zonotrichia albicollis) Is a Complex Rearrangement and Suppressor of Recombination. Genetics, 2008, 179, 1455-1468.	2.9	145
56	A GENOTYPING ASSAY TO DETERMINE PLUMAGE MORPH IN THE WHITE-THROATED SPARROW (ZONOTRICHIA) Tj ETQq0 0 0 rgBT /Over	1.4	19
57	Rapid Neuroendocrine Responses to Auditory Courtship Signals. Endocrinology, 2007, 148, 5614-5623.	2.8	56
58	A Genotyping Assay to Determine Plumage Morph in The White-Throated Sparrow (Zonotrichia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.4	27
59	Estradiol modulates brainstem catecholaminergic cell groups and projections to the auditory forebrain in a female songbird. Brain Research, 2007, 1171, 93-103.	2.2	53
60	Transduction of a non-photic cue: from the auditory system to a neuroendocrine response?. Journal Fur Ornithologie, 2007, 148, 527-538.	1.2	8
61	Estrogenâ€dependent selectivity of genomic responses to birdsong. European Journal of Neuroscience, 2006, 23, 1523-1529.	2.6	113
62	Neuroendocrine correlates of behavioral polymorphism in white-throated sparrows. Hormones and Behavior, 2005, 48, 196-206.	2.1	55
63	The Activation of Birdsong by Testosterone. Annals of the New York Academy of Sciences, 2003, 1007, 211-231.	3.8	58
64	Immediate early gene response to hearing song correlates with receptive behavior and depends on dialect in a female songbird. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2003, 189, 667-674.	1.6	90
65	Effects of temperature on photoperiodically induced reproductive development, circulating plasma luteinizing hormone and thyroid hormones, body mass, fat deposition and molt in mountain white-crowned sparrows, Zonotrichia leucophrys oriantha. General and Comparative Endocrinology, 2003, 131, 143-158.	1.8	127
66	Fosâ€like immunoreactivity in catecholaminergic brain nuclei after territorial behavior in freeâ€living song sparrows. Journal of Neurobiology, 2003, 56, 163-170.	3.6	77
67	Gonadal steroid receptor mRNA in catecholaminergic nuclei of the canary brainstem. Neuroscience Letters, 2001, 311, 189-192.	2.1	54
68	Visual Influences on the Development and Recovery of the Vestibuloocular Reflex in the Chicken. Journal of Neurophysiology, 2001, 85, 1119-1128.	1.8	22
69	Effects of N-Methyl-d-Aspartate on Luteinizing Hormone Release and Fos-Like Immunoreactivity in the Male White-Crowned Sparrow (Zonotrichia leucophrys gambelii)1. Endocrinology, 1999, 140, 5922-5928.	2.8	44
70	Effects of Ambient Temperature on Photo-Induced Prolactin Secretion in Three Subspecies of White-Crowned Sparrow,Zonotrichia leucophrys. General and Comparative Endocrinology, 1999, 113, 445-456.	1.8	83
71	Effects of Vasoactive Intestinal Peptide on Plasma Prolactin in Passerines. General and Comparative Endocrinology, 1999, 113, 323-330.	1.8	53
72	Effects of N-Methyl-D-Aspartate on Luteinizing Hormone Release and Fos-Like Immunoreactivity in the Male White-Crowned Sparrow (Zonotrichia leucophrys gambelii). Endocrinology, 1999, 140, 5922-5928.	2.8	22

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73	Central Opioid Control of Feeding Behavior in the White-Crowned Sparrow,Zonotrichia leucophrys gambelii. Hormones and Behavior, 1998, 33, 16-22.	2.1	22
74	Ecological Bases of Hormoneâ€"Behavior Interactions: The â€œEmergency Life History Stageâ€• American Zoologist, 1998, 38, 191-206.	0.7	1,131
75	Neuroendocrine Suppression of Female Courtship in a Wild Passerine: Corticotropinâ€Releasing Factor and Endogenous Opioids. Journal of Neuroendocrinology, 1998, 10, 593-599.	2.6	41
76	Central Administration of Chicken Gonadotropin-Releasing Hormone-II Enhances Courtship Behavior in a Female Sparrow. Hormones and Behavior, 1997, 32, 11-18.	2.1	178
77	Intraventricular Infusion of Arginine Vasotocin induces Singing in a Female Songbird. Journal of Neuroendocrinology, 1997, 9, 487-491.	2.6	74
78	Regulation of Chicken Gonadotropin-Releasing Hormone-I mRNA in Incubating, Nest-Deprived and Laying Bantam Hens. Neuroendocrinology, 1996, 63, 504-513.	2.5	34