

Pierre Deviche

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,612
citations

172457

29
h-index

206112

48
g-index

90
all docs

90
docs citations

90
times ranked

1645
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproductive behavior. , 2022, , 1091-1115.		0
2	Editorial “ Neuroendocrine control of reproduction. Molecular and Cellular Endocrinology, 2022, 551, 111662.	3.2	1
3	A four-week high fat diet does not alter plasma glucose or metabolic physiology in wild-caught mourning doves (<i>Zenaida macroura</i>). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 251, 110820.	1.8	11
4	A Four-Week Urban Diet Impairs Vasodilation but Not Nutritional Physiology in Wild-Caught Mourning Doves (<i>Zenaida macroura</i>). FASEB Journal, 2021, 35, .	0.5	0
5	A Four-Week Urban Diet Impairs Vasodilation but Not Nutritional Physiology in Wild-Caught Mourning Doves (<i>Zenaida macroura</i>). Physiological and Biochemical Zoology, 2021, 94, 241-252.	1.5	3
6	Disruption of energy homeostasis by food restriction or high ambient temperature exposure affects gonadal function in male house finches (<i>Haemorhous mexicanus</i>). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2020, 190, 611-628.	1.5	10
7	Central prolactin binding site densities change seasonally in an adult male passerine bird (<i>Junco</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2.1 4		
8	Physiological responses of wild zebra finches (<i>Taeniopygia guttata</i>) to heatwaves. Journal of Experimental Biology, 2020, 223, .	1.7	21
9	A four-week white bread diet does not alter plasma glucose concentrations, metabolic or vascular physiology in mourning doves, <i>Zenaida macroura</i> . Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 247, 110718.	1.8	11
10	The effect of food restriction on the regulation of gonadotropin-releasing hormone in male house finches (<i>Haemorhous mexicanus</i>). General and Comparative Endocrinology, 2019, 282, 113196.	1.8	4
11	Carotenoid distribution in wild Japanese tree frogs (<i>Hyla japonica</i>) exposed to ionizing radiation in Fukushima. Scientific Reports, 2018, 8, 7438.	3.3	13
12	Experimental Manipulation of Corticosterone Does Not Influence the Clearance Rate of Plasma Testosterone in Birds. Physiological and Biochemical Zoology, 2017, 90, 575-582.	1.5	10
13	Roles and Mechanistic Bases of Glucocorticoid Regulation of Avian Reproduction. Integrative and Comparative Biology, 2017, 57, 1184-1193.	2.0	17
14	Molecular and Neuroendocrine Approaches to Understanding Trade-offs: Food, Sex, Aggression, Stress, and Longevity”An Introduction to the Symposium. Integrative and Comparative Biology, 2017, 57, 1151-1160.	2.0	0
15	The ecological and physiological bases of variation in the phenology of gonad growth in an urban and desert songbird. General and Comparative Endocrinology, 2016, 230-231, 17-25.	1.8	7
16	Endocrine, metabolic, and behavioral effects of and recovery from acute stress in a free-ranging bird. General and Comparative Endocrinology, 2016, 234, 95-102.	1.8	12
17	The seasonal glucocorticoid response of male Rufous-winged Sparrows to acute stress correlates with changes in plasma uric acid, but neither glucose nor testosterone. General and Comparative Endocrinology, 2016, 235, 78-88.	1.8	28
18	Regulation of feeding behavior and plasma testosterone in response to central neuropeptide Y administration in a songbird. Journal of Experimental Zoology, 2015, 323, 478-486.	1.2	4

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19	Negative energy balance in a male songbird, the Abert's towhee, constrains the testicular endocrine response to luteinizing hormone stimulation. <i>Journal of Experimental Biology</i> , 2015, 218, 2685-2693.	1.7	9
20	Negative energy balance in a male songbird, the Abert's Towhee, constrains the testicular endocrine response to luteinizing hormone stimulation. <i>Journal of Experimental Biology</i> , 2015, , .	1.7	0
21	Food restriction negatively affects multiple levels of the reproductive axis in male house finches, <i>Haemorrhous mexicanus</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 2694-704.	1.7	21
22	Pathophysiological responses to a schistosome infection in a wild population of mourning doves (<i>Columba</i>)	1.2	10
23	Food availability, energetic constraints and reproductive development in a wild seasonally breeding songbird. <i>Functional Ecology</i> , 2015, 29, 1421-1434.	3.6	29
24	Advanced seasonal reproductive development in a male urban bird is reflected in earlier plasma luteinizing hormone rise but not energetic status. <i>General and Comparative Endocrinology</i> , 2015, 224, 1-10.	1.8	17
25	<i>Reproductive Behavior.</i> , 2015, , 695-715.		2
26	At the crossroads of physiology and ecology: Food supply and the timing of avian reproduction. <i>Hormones and Behavior</i> , 2014, 66, 41-55.	2.1	56
27	Regulation of plasma testosterone, corticosterone, and metabolites in response to stress, reproductive stage, and social challenges in a desert male songbird. <i>General and Comparative Endocrinology</i> , 2014, 203, 120-131.	1.8	71
28	The Effect of Acute Stress and Long-Term Corticosteroid Administration on Plasma Metabolites in an Urban and Desert Songbird. <i>Physiological and Biochemical Zoology</i> , 2013, 86, 47-60.	1.5	42
29	Brain Arginine Vasotocin Immunoreactivity Differs between Urban and Desert Curve-Billed Thrashers, <i>Toxostoma curvirostre</i> : Relationships with Territoriality and Stress Physiology. <i>Brain, Behavior and Evolution</i> , 2012, 79, 84-97.	1.7	17
30	Unpredictable food availability induces metabolic and hormonal changes independent of food intake in a sedentary songbird. <i>Journal of Experimental Biology</i> , 2012, 215, 2920-2930.	1.7	106
31	Up to the challenge? Hormonal and behavioral responses of free-ranging male Cassin's Sparrows, <i>Peucaea cassinii</i> , to conspecific song playback. <i>Hormones and Behavior</i> , 2012, 61, 741-749.	2.1	22
32	Rapid stress-induced inhibition of plasma testosterone in free-ranging male rufous-winged sparrows, <i>Peucaea carpalis</i> : Characterization, time course, and recovery. <i>General and Comparative Endocrinology</i> , 2012, 177, 1-8.	1.8	48
33	Effects of Captivity and Body Condition on Plasma Corticosterone, Locomotor Behavior, and Plasma Metabolites in Curve-Billed Thrashers. <i>Physiological and Biochemical Zoology</i> , 2011, 84, 595-606.	1.5	89
34	Context-specific territorial behavior in urban birds: No evidence for involvement of testosterone or corticosterone. <i>Hormones and Behavior</i> , 2011, 59, 133-143.	2.1	54
35	<i>Avian Testicular Structure, Function, and Regulation.</i> , 2011, , 27-70.		3
36	Plasma corticosterone of city and desert Curve-billed Thrashers, <i>Toxostoma curvirostre</i> , in response to stress-related peptide administration. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 159, 32-38.	1.8	27

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37	Avian Testicular Structure, Function, and Regulation. , 2011, , 27-70.		5
38	Effects of Testosterone Propionate and Pituitary-adrenal Hormones on the Social Behaviour of Male Ducklings (<i>Anas platyrhynchos</i> L.) in two Test Situations. Zeitschrift für Tierpsychologie, 2010, 49, 77-86.	0.2	6
39	Opioid receptor densities analyzed across seasons in the POM and VTA of the dark-eyed junco, <i>Junco hyemalis</i> . Journal of Chemical Neuroanatomy, 2010, 40, 123-129.	2.1	19
40	Corticosterone and corticosteroid binding globulin in birds: Relation to urbanization in a desert city. General and Comparative Endocrinology, 2009, 160, 259-270.	1.8	124
41	Reproductive Physiology: Songbird Study Removes Long-Standing Neuroendocrinology Research Roadblock. Endocrinology, 2009, 150, 1561-1562.	2.8	0
42	Season-, sex-, and age-specific accumulation of plasma carotenoid pigments in free-ranging white-winged crossbills <i>Loxia leucoptera</i> . Journal of Avian Biology, 2008, 39, 283-292.	1.2	11
43	Interspecific variation in avian blood parasites and haematology associated with urbanization in a desert habitat. Journal of Avian Biology, 2008, 39, 300-310.	1.2	111
44	Seasonal rewiring of the songbird brain: an <i>in vivo</i> MRI study (Commentary on De Groof <i>et al.</i>) https://doi.org/10.1016/j.yhbeh.2010.06.006	2.8	0
45	Photoperiod-Independent Hypothalamic Regulation of Luteinizing Hormone Secretion in a Free-Living Sonoran Desert Bird, the Rufous-Winged Sparrow (<i>Aimophila carpalis</i>). Brain, Behavior and Evolution, 2008, 71, 127-142.	1.7	63
46	Auditory stimulation of reproductive function in male Rufous-winged Sparrows, <i>Aimophila carpalis</i> . Hormones and Behavior, 2008, 53, 28-39.	2.1	14
47	Relative Photorefractoriness, Prolactin, and Reproductive Regression in a Flexibly Breeding Sonoran Desert Passerine, the Rufous-Winged Sparrow, <i>Aimophila carpalis</i> . Journal of Biological Rhythms, 2008, 23, 69-80.	2.6	15
48	Environmental regulation of the reproductive system in a flexibly breeding Sonoran Desert bird, the Rufous-winged Sparrow, <i>Aimophila carpalis</i> . Hormones and Behavior, 2007, 51, 483-495.	2.1	53
49	Plasticity of the Rufous-winged Sparrow, <i>Aimophila carpalis</i> , song control regions during the monsoon-associated summer breeding period. Hormones and Behavior, 2007, 52, 401-408.	2.1	8
50	Hormonal and environmental control of song control region growth and new neuron addition in adult male house finches, <i>Carpodacus mexicanus</i> . Developmental Neurobiology, 2007, 67, 827-837.	3.0	16
51	TESTOSTERONE TREATMENT TO FREE-RANGING MALE DARK-EYED JUNCOS (<i>JUNCO HYEMALIS</i>) EXACERBATES HEMOPARASITIC INFECTION. Auk, 2006, 123, 548.	1.4	23
52	Testosterone Treatment to Free-Ranging Male Dark-Eyed Juncos (<i>Junco Hyemalis</i>) Exacerbates Hemoparasitic Infection. Auk, 2006, 123, 548-562.	1.4	27
53	Testosterone induces testicular development but reduces GnRH-I fiber density in the brain of the House Finch, <i>Carpodacus mexicanus</i> . General and Comparative Endocrinology, 2006, 147, 167-174.	1.8	11
54	Control of luteinizing hormone and testosterone secretion in a flexibly breeding male passerine, the Rufous-winged Sparrow, <i>Aimophila carpalis</i> . General and Comparative Endocrinology, 2006, 149, 226-235.	1.8	58

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55	INTERSPECIFIC DIFFERENCES IN HEMATOZOAN INFECTION IN SONORAN DESERT AIMOPHILA SPARROWS. <i>Journal of Wildlife Diseases</i> , 2005, 41, 532-541.	0.8	20
56	Androgen control of immunocompetence in the male house finch, <i>Carpodacus mexicanus</i> Müller. <i>Journal of Experimental Biology</i> , 2005, 208, 1287-1295.	1.7	64
57	Age-Related Difference in Size of Brain Regions for Song Learning in Adult Male Dark-Eyed Juncos <i>(Junco hyemalis)</i>. <i>Brain, Behavior and Evolution</i> , 2005, 65, 268-277.	1.7	9
58	Effects of Testosterone and Photoperiodic Condition on Song Production and Vocal Control Region Volumes in Adult Male Dark-Eyed Juncos (<i>Junco hyemalis</i>). <i>Hormones and Behavior</i> , 2001, 39, 95-105.	2.1	49
59	Seasonal and age-related changes in blood parasite prevalence in dark-eyed juncos (<i>Junco hyemalis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.4 69	1.4	69
60	Testosterone, Corticosterone, and Photoperiod Interact to Regulate Plasma Levels of Binding Globulin and Free Steroid Hormone in Dark-Eyed Juncos, <i>Junco hyemalis</i> . <i>General and Comparative Endocrinology</i> , 2001, 122, 67-77.	1.8	125
61	Reproductive Endocrinology of a Free-Living, Opportunistically Breeding Passerine (White-Winged) Tj ETQq1 1 0.784314 rgBT /Overlock 1.8 45	1.8	45
62	INTERSPECIFIC VARIABILITY OF PREVALENCE IN BLOOD PARASITES OF ADULT PASSERINE BIRDS DURING THE BREEDING SEASON IN ALASKA. <i>Journal of Wildlife Diseases</i> , 2001, 37, 28-35.	0.8	50
63	Vocal control region sizes of an adult female songbird change seasonally in the absence of detectable circulating testosterone concentrations. <i>Journal of Neurobiology</i> , 2000, 42, 202-211.	3.6	36
64	Changes in Brain Gonadotropin-Releasing Hormone- and Vasoactive Intestinal Polypeptide-like Immunoreactivity Accompanying Reestablishment of Photosensitivity in Male Dark-Eyed Juncos (<i>Junco</i>) Tj ETQq0 0 0.8gBT /Overlock 10 10	0.8	10
65	Year-Class Differences in the Reproductive System, Plasma Prolactin and Corticosterone Concentrations, and Onset of Prebasic Molt in Male Dark-Eyed Juncos (<i>Junco hyemalis</i>) during the Breeding Period. <i>General and Comparative Endocrinology</i> , 2000, 118, 425-435.	1.8	72
66	TIMING, PATTERN, AND EXTENT OF FIRST PREBASIC MOLT OF WHITE-WINGED CROSSBILLS IN ALASKA. <i>Journal of Field Ornithology</i> , 2000, 71, 217-226.	0.5	8
67	Age- and sex-related differences in opioid receptor densities in the songbird vocal control system. , 1999, 404, 505-514.		18
68	Photoperiod and testosterone independently affect vocal control region volumes in adolescent male songbirds. <i>Journal of Neurobiology</i> , 1998, 36, 550-558.	3.6	48
69	Affinity of naloxone and its quaternary analogue for avian central $\hat{\nu}$ and $\hat{\nu}$ ¼ opioid receptors. <i>Brain Research</i> , 1997, 757, 276-279.	2.2	17
70	Androgen control of vocal control region volumes in a wild migratory songbird (<i>Junco hyemalis</i>) is region and possibly age dependent. <i>Journal of Neurobiology</i> , 1997, 32, 391-402.	3.6	43
71	Distribution and changes in ν - and ν -opiate receptors during the midlife neurodevelopmental period of coho salmon, <i>Oncorhynchus kisutch</i> . , 1996, 366, 448-464.		27
72	Autoradiographic localization of opioid receptors in vocal control regions of a male passerine bird (<i>Junco hyemalis</i>). <i>Journal of Comparative Neurology</i> , 1995, 356, 408-417.	1.6	26

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73	Androgen Regulation of Avian Premigratory Hyperphagia and Fattening: From Eco-Physiology to Neuroendocrinology. <i>American Zoologist</i> , 1995, 35, 234-245.	0.7	43
74	Seasonal changes of the adrenocortical responses to stress in redpolls, <i>Acanthis flammea</i> , in Alaska. <i>The Journal of Experimental Zoology</i> , 1994, 270, 372-380.	1.4	153
75	Identification, partial characterization, and hypothalamic distribution of δ , μ , and κ opioid receptors in a passerine songbird (<i>Junco hyemalis</i>). <i>Brain Research</i> , 1993, 614, 220-226.	2.2	33
76	Regulation of Food Intake in a Migratory Songbird (<i>Junco hyemalis</i>): Participation of Endorphinergic Mechanisms. <i>Ornis Scandinavica</i> , 1992, 23, 260.	1.0	6
77	Peptides for calling? An immunohistochemical study of the avian n. intercollicularis. <i>Brain Research</i> , 1992, 569, 93-99.	2.2	19
78	Biochemical characterization and seasonal changes in the concentration of testosterone-metabolizing enzymes in the European great tit (<i>Parus major</i>) brain. <i>General and Comparative Endocrinology</i> , 1991, 81, 146-159.	1.8	17
79	Effects of corticotropin-releasing factor (CRF) and opiates on amphibian locomotion. <i>Brain Research</i> , 1990, 513, 94-100.	2.2	40
80	Opiate control of spontaneous locomotor activity in a urodele amphibian. <i>Pharmacology Biochemistry and Behavior</i> , 1989, 34, 753-757.	2.9	7
81	Opiate antagonists stereoselectively attenuate the consumption of food but not of water by pigeons. <i>Pharmacology Biochemistry and Behavior</i> , 1984, 21, 507-512.	2.9	16
82	Intracerebroventricular injection of ostrich δ -endorphin to satiated pigeons induces hyperphagia but not hyperdipsia. <i>Peptides</i> , 1984, 5, 691-694.	2.4	51
83	Effect of corticosterone on the hypothalamic-pituitary-gonadal system of male Japanese quail exposed to either short or long photoperiods. <i>Journal of Endocrinology</i> , 1982, 95, 165-173.	2.6	22
84	The <i>in vitro</i> metabolism of testosterone by the brain and crest of domestic chicks. <i>Bollettino Di Zoologia</i> , 1982, 49, 25-30.	0.3	1
85	Behavioural and morphological dose-responses to testosterone and to 5α -dihydrotestosterone in the castrated male Japanese quail. <i>Behavioural Processes</i> , 1982, 7, 107-121.	1.1	34
86	Short-term Modulation of Domestic Pigeon (<i>Columbia livia</i> L.) Behaviour Induced by Intraventricular Administration of ACTH. <i>Zeitschrift für Tierpsychologie</i> , 1981, 55, 335-342.	0.2	9
87	Endocrine effects of castration followed by androgen replacement and ACTH injections in the male domestic duck (<i>Anas platyrhynchos</i> L.). <i>General and Comparative Endocrinology</i> , 1980, 41, 53-61.	1.8	22
88	Behavioral effects of castration and testosterone propionate replacement combined with ACTH in the male domestic duck (<i>Anas platyrhynchos</i> L.). <i>The Journal of Experimental Zoology</i> , 1979, 207, 471-480.	1.4	8
89	Behavioural and morphological effects of testosterone and gonadotropins in the young male domestic duck (<i>Anas platyrhynchos</i> L.). <i>Behavioural Processes</i> , 1976, 1, 217-232.	1.1	9
90	Behavioural effects of ACTH or corticosterone administration to adult male domestic ducks, <i>Anas platyrhynchos</i> L.. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1976, 110, 357-366.	1.6	9