Pierre Deviche

List of Publications by Year
in descending order

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90	2,612	172457	206112
papers	citations	29 h-index	48 g-index

90	90	90	1645
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Seasonal changes of the adrenocortical responses to stress in redpolls,Acanthis flammea, in Alaska. The Journal of Experimental Zoology, 1994, 270, 372-380.	1.4	153
2	Testosterone, Corticosterone, and Photoperiod Interact to Regulate Plasma Levels of Binding Globulin and Free Steroid Hormone in Dark-Eyed Juncos, Junco hyemalis. General and Comparative Endocrinology, 2001, 122, 67-77.	1.8	125
3	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
4	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
5	Unpredictable food availability induces metabolic and hormonal changes independent of food intake in a sedentary songbird. Journal of Experimental Biology, 2012, 215, 2920-2930.	1.7	106
6	Effects of Captivity and Body Condition on Plasma Corticosterone, Locomotor Behavior, and Plasma Metabolites in Curve-Billed Thrashers. Physiological and Biochemical Zoology, 2011, 84, 595-606.	1.5	89
7	Year-Class Differences in the Reproductive System, Plasma Prolactin and Corticosterone Concentrations, and Onset of Prebasic Molt in Male Dark-Eyed Juncos (Junco hyemalis) during the Breeding Period. General and Comparative Endocrinology, 2000, 118, 425-435.	1.8	72
8	Regulation of plasma testosterone, corticosterone, and metabolites in response to stress, reproductive stage, and social challenges in a desert male songbird. General and Comparative Endocrinology, 2014, 203, 120-131.	1.8	71
9	Seasonal and age-related changes in blood parasite prevalence in dark-eyed juncos (Junco hyemalis,) Tj ETQq1 1 0.784314 rgBT /Over	1.4	69
10	Androgen control of immunocompetence in the male house finch, Carpodacus mexicanus Mul̀ler. Journal of Experimental Biology, 2005, 208, 1287-1295.	1.7	64
11	Photoperiod-Independent Hypothalamic Regulation of Luteinizing Hormone Secretion in a Free-Living Sonoran Desert Bird, the Rufous-Winged Sparrow (Aimophila carpalis). Brain, Behavior and Evolution, 2008, 71, 127-142.	1.7	63
12	Control of luteinizing hormone and testosterone secretion in a flexibly breeding male passerine, the Rufous-winged Sparrow, Aimophila carpalis. General and Comparative Endocrinology, 2006, 149, 226-235.	1.8	58
13	At the crossroads of physiology and ecology: Food supply and the timing of avian reproduction. Hormones and Behavior, 2014, 66, 41-55.	2.1	56
14	Context-specific territorial behavior in urban birds: No evidence for involvement of testosterone or corticosterone. Hormones and Behavior, 2011, 59, 133-143.	2.1	54
15	Environmental regulation of the reproductive system in a flexibly breeding Sonoran Desert bird, the Rufous-winged Sparrow, Aimophila carpalis. Hormones and Behavior, 2007, 51, 483-495.	2.1	53
16	Intracerebroventricular injection of ostrich Î²-endorphin to satiated pigeons induces hyperphagia but not hyperdipsia. Peptides, 1984, 5, 691-694.	2.4	51
17	Changes in Brain Gonadotropin-Releasing Hormone- and Vasoactive Intestinal Polypeptide-like Immunoreactivity Accompanying Reestablishment of Photosensitivity in Male Dark-Eyed Juncos (Junco) Tj ETQq1 1 0.784314 rgBT /Ov	0.8	51
18	INTERSPECIFIC VARIABILITY OF PREVALENCE IN BLOOD PARASITES OF ADULT PASSERINE BIRDS DURING THE BREEDING SEASON IN ALASKA. Journal of Wildlife Diseases, 2001, 37, 28-35.	0.8	50

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19	Effects of Testosterone and Photoperiodic Condition on Song Production and Vocal Control Region Volumes in Adult Male Dark-Eyed Juncos (Junco hyemalis). Hormones and Behavior, 2001, 39, 95-105.	2.1	49
20	Photoperiod and testosterone independently affect vocal control region volumes in adolescent male songbirds. Journal of Neurobiology, 1998, 36, 550-558.	3.6	48
21	Rapid stress-induced inhibition of plasma testosterone in free-ranging male rufous-winged sparrows, Peucaea carpalis: Characterization, time course, and recovery. General and Comparative Endocrinology, 2012, 177, 1-8.	1.8	48
22	Reproductive Endocrinology of a Free-Living, Opportunistically Breeding Passerine (White-Winged) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	45
23	Androgen Regulation of Avian Premigratory Hyperphagia and Fattening: From Eco-Physiology to Neuroendocrinology. American Zoologist, 1995, 35, 234-245.	0.7	43
24	Androgen control of vocal control region volumes in a wild migratory songbird (Junco hyemalis) is region and possibly age dependent. Journal of Neurobiology, 1997, 32, 391-402.	3.6	43
25	The Effect of Acute Stress and Long-Term Corticosteroid Administration on Plasma Metabolites in an Urban and Desert Songbird. Physiological and Biochemical Zoology, 2013, 86, 47-60.	1.5	42
26	Effects of corticotropin-releasing factor (CRF) and opiates on amphibian locomotion. Brain Research, 1990, 513, 94-100.	2.2	40
27	Vocal control region sizes of an adult female songbird change seasonally in the absence of detectable circulating testosterone concentrations. Journal of Neurobiology, 2000, 42, 202-211.	3.6	36
28	Behavioural and morphological dose-responses to testosterone and to 5Î±-dihydrotestosterone in the castrated male Japanese quail. Behavioural Processes, 1982, 7, 107-121.	1.1	34
29	Identification, partial characterization, and hypothalamic distribution of Î¹, Î¼, and Î´ opioid receptors in a passerine songbird (Junco hyemalis). Brain Research, 1993, 614, 220-226.	2.2	33
30	Food availability, energetic constraints and reproductive development in a wild seasonally breeding songbird. Functional Ecology, 2015, 29, 1421-1434.	3.6	29
31	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
32	Distribution and changes in ?- and ?-opiate receptors during the midlife neurodevelopmental period of coho salmon,Oncorhynchus kisutch. , 1996, 366, 448-464.		27
33	Testosterone Treatment to Free-Ranging Male Dark-Eyed Juncos (Junco Hyemalis) Exacerbates Hemoparasitic Infection. Auk, 2006, 123, 548-562.	1.4	27
34	Plasma corticosterone of city and desert Curve-billed Thrashers, Toxostoma curvirostre, in response to stress-related peptide administration. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 159, 32-38.	1.8	27
35	Autoradiographic localization of opioid receptors in vocal control regions of a male passerine bird (Junco hyemalis). Journal of Comparative Neurology, 1995, 356, 408-417.	1.6	26
36	TESTOSTERONE TREATMENT TO FREE-RANGING MALE DARK-EYED JUNCOS (JUNCO HYEMALIS) EXACERBATES HEMOPARASITIC INFECTION. Auk, 2006, 123, 548.	1.4	23

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37	Endocrine effects of castration followed by androgen replacement and ACTH injections in the male domestic duck (Anas platyrhynchos L.). General and Comparative Endocrinology, 1980, 41, 53-61.	1.8	22
38	Effect of corticosterone on the hypothalamic-pituitary-gonadal system of male Japanese quail exposed to either short or long photoperiods. Journal of Endocrinology, 1982, 95, 165-173.	2.6	22
39	Up to the challenge? Hormonal and behavioral responses of free-ranging male Cassin's Sparrows, Peucaea cassinii, to conspecific song playback. Hormones and Behavior, 2012, 61, 741-749.	2.1	22
40	Food restriction negatively affects multiple levels of the reproductive axis in male house finches, Haemorhous mexicanus. Journal of Experimental Biology, 2015, 218, 2694-704.	1.7	21
41	Physiological responses of wild zebra finches (Taeniopygia guttata) to heatwaves. Journal of Experimental Biology, 2020, 223, .	1.7	21
42	INTERSPECIFIC DIFFERENCES IN HEMATOZOAN INFECTION IN SONORAN DESERT AIMOPHILA SPARROWS. Journal of Wildlife Diseases, 2005, 41, 532-541.	0.8	20
43	Peptides for calling? An immunohistochemical study of the avian n. intercollicularis. Brain Research, 1992, 569, 93-99.	2.2	19
44	Opioid receptor densities analyzed across seasons in the POM and VTA of the dark-eyed junco, Junco hyemalis. Journal of Chemical Neuroanatomy, 2010, 40, 123-129.	2.1	19
45	Age- and sex-related differences in opioid receptor densities in the songbird vocal control system. , 1999, 404, 505-514.		18
46	Biochemical characterization and seasonal changes in the concentration of testosterone-metabolizing enzymes in the European great tit (Parus major) brain. General and Comparative Endocrinology, 1991, 81, 146-159.	1.8	17
47	Affinity of naloxone and its quaternary analogue for avian central Î´ and Î¼ opioid receptors. Brain Research, 1997, 757, 276-279.	2.2	17
48	Brain Arginine Vasotocin Immunoreactivity Differs between Urban and Desert Curve-Billed Thrashers, <i>Toxostoma curvirostre</i>: Relationships with Territoriality and Stress Physiology. Brain, Behavior and Evolution, 2012, 79, 84-97.	1.7	17
49	Advanced seasonal reproductive development in a male urban bird is reflected in earlier plasma luteinizing hormone rise but not energetic status. General and Comparative Endocrinology, 2015, 224, 1-10.	1.8	17
50	Roles and Mechanistic Bases of Glucocorticoid Regulation of Avian Reproduction. Integrative and Comparative Biology, 2017, 57, 1184-1193.	2.0	17
51	Opiate antagonists stereoselectively attenuate the consumption of food but not of water by pigeons. Pharmacology Biochemistry and Behavior, 1984, 21, 507-512.	2.9	16
52	Hormonal and environmental control of song control region growth and new neuron addition in adult male house finches,Carpodacus mexicanus. Developmental Neurobiology, 2007, 67, 827-837.	3.0	16
53	Relative Photorefractoriness, Prolactin, and Reproductive Regression in a Flexibly Breeding Sonoran Desert Passerine, the Rufous-Winged Sparrow, Aimophila carpalis. Journal of Biological Rhythms, 2008, 23, 69-80.	2.6	15
54	Auditory stimulation of reproductive function in male Rufous-winged Sparrows, Aimophila carpalis. Hormones and Behavior, 2008, 53, 28-39.	2.1	14

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55	Carotenoid distribution in wild Japanese tree frogs (Hyla japonica) exposed to ionizing radiation in Fukushima. Scientific Reports, 2018, 8, 7438.	3.3	13
56	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
57	Testosterone induces testicular development but reduces GnRH-I fiber density in the brain of the House Finch, Carpodacus mexicanus. General and Comparative Endocrinology, 2006, 147, 167-174.	1.8	11
58	Season-, sex-, and age-specific accumulation of plasma carotenoid pigments in free-ranging white-winged crossbills Loxia leucoptera. Journal of Avian Biology, 2008, 39, 283-292.	1.2	11
59	A four-week white bread diet does not alter plasma glucose concentrations, metabolic or vascular physiology in mourning doves, Zenaida macroura. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 247, 110718.	1.8	11
60	A four-week high fat diet does not alter plasma glucose or metabolic physiology in wild-caught mourning doves (Zenaida macroura). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 251, 110820.	1.8	11
61	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
62	Disruption of energy homeostasis by food restriction or high ambient temperature exposure affects gonadal function in male house finches (Haemorhous mexicanus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2020, 190, 611-628.	1.5	10
63	Behavioural and morphological effects of testosterone and gonadotropins in the young male domestic duck (Anas platyrhynchos L.). Behavioural Processes, 1976, 1, 217-232.	1.1	9
64	Behavioural effects of ACTH or corticosterone administration to adult male domestic ducks,Anas platyrhynchos L.. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1976, 110, 357-366.	1.6	9
65	Shortâ€term Modulation of Domestic Pigeon (Columbia livia L.) Behaviour Induced by Intraventricular Administration of ACTH. Zeitschrift FÃ¼r Tierpsychologie, 1981, 55, 335-342.	0.2	9
66	Age-Related Difference in Size of Brain Regions for Song Learning in Adult Male Dark-Eyed Juncos <i>(Junco hyemalis)</i>. Brain, Behavior and Evolution, 2005, 65, 268-277.	1.7	9
67	Negative energy balance in a male songbird, the Abert's towhee, constrains the testicular endocrine response to luteinizing hormone stimulation. Journal of Experimental Biology, 2015, 218, 2685-2693.	1.7	9
68	Behavioral effects of castration and testosterone propionate replacement combined with ACTH in the male domestic duck(Anas platyrhynchos L.). The Journal of Experimental Zoology, 1979, 207, 471-480.	1.4	8
69	TIMING, PATTERN, AND EXTENT OF FIRST PREBASIC MOLT OF WHITE-WINGED CROSSBILLS IN ALASKA. Journal of Field Ornithology, 2000, 71, 217-226.	0.5	8
70	Plasticity of the Rufous-winged Sparrow, Aimophila carpalis, song control regions during the monsoon-associated summer breeding period. Hormones and Behavior, 2007, 52, 401-408.	2.1	8
71	Opiate control of spontaneous locomotor activity in a urodele amphibian. Pharmacology Biochemistry and Behavior, 1989, 34, 753-757.	2.9	7
72	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

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73	Regulation of Food Intake in a Migratory Songbird (Junco hyemalis): Participation of Endorphinergic Mechanisms. Ornis Scandinavica, 1992, 23, 260.	1.0	6
74	Effects of Testosterone Propionate and Pituitary-adrenal Hormones on the Social Behaviour of Male Ducklings (Anas platyrhynchos L.) in two Test Situations. Zeitschrift FÃ¼r Tierpsychologie, 2010, 49, 77-86.	0.2	6
75	Avian Testicular Structure, Function, and Regulation. , 2011, , 27-70.		5
76	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
77	The effect of food restriction on the regulation of gonadotropin-releasing hormone in male house finches (Haemorhous mexicanus). General and Comparative Endocrinology, 2019, 282, 113196.	1.8	4
78	Central prolactin binding site densities change seasonally in an adult male passerine bird (Junco) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.1	4
79	Avian Testicular Structure, Function, and Regulation. , 2011, , 27-70.		3
80	Pathophysiological responses to a schistosome infection in a wild population of mourning doves () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	3
81	A Four-Week Urban Diet Impairs Vasodilation but Not Nutritional Physiology in Wild-Caught Mourning Doves (Zenaida macroura). Physiological and Biochemical Zoology, 2021, 94, 241-252.	1.5	3
82	Reproductive Behavior. , 2015, , 695-715.		2
83	Thein vitrometabolism of testosterone by the brain and crest of domestic chicks. Bollettino Di Zoologia, 1982, 49, 25-30.	0.3	1
84	Editorial â€“ Neuroendocrine control of reproduction. Molecular and Cellular Endocrinology, 2022, 551, 111662.	3.2	1
85	Seasonal rewiring of the songbird brain: an in vivo MRI study (Commentary on De Groof et) Tj ETQq1 1 0.784314 rgBT /Ove	2.6	0
86	Reproductive Physiology: Songbird Study Removes Long-Standing Neuroendocrinology Research Roadblock. Endocrinology, 2009, 150, 1561-1562.	2.8	0
87	Negative energy balance in a male songbird, the Abert's Towhee, constrains the testicular endocrine response to luteinizing hormone stimulation. Journal of Experimental Biology, 2015, , .	1.7	0
88	Molecular and Neuroendocrine Approaches to Understanding Trade-offs: Food, Sex, Aggression, Stress, and Longevityâ€"An Introduction to the Symposium. Integrative and Comparative Biology, 2017, 57, 1151-1160.	2.0	0
89	A Fourâ€Week Urban Diet Impairs Vasodilation but Not Nutritional Physiology in Wildâ€caught Mourning Doves (Zenaida macroura). FASEB Journal, 2021, 35, .	0.5	0
90	Reproductive behavior. , 2022, , 1091-1115.		0