

Thomas H Welsh Jr

List of Publications by Year in descending order

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44
papers

2,479
citations

331259

21
h-index

253896

43
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44
all docs

44
docs citations

44
times ranked

1875
citing authors

#	ARTICLE	IF	CITATIONS
1	Hormonal Regulation of the Differentiation of Cultured Ovarian Granulosa Cells*. <i>Endocrine Reviews</i> , 1984, 5, 76-127.	8.9	1,013
2	Disruption of adult expression of sexually selected traits by developmental exposure to bisphenol A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11715-11720.	3.3	159
3	Mechanism of Glucocorticoid-Induced Suppression of Testicular Androgen Biosynthesis In Vitro1. <i>Biology of Reproduction</i> , 1982, 27, 1138-1146.	1.2	145
4	Functional characteristics of the bovine hypothalamicâ€“pituitaryâ€“adrenal axis vary with temperament. <i>Hormones and Behavior</i> , 2008, 53, 20-27.	1.0	117
5	Stress-Induced Alterations in Secretion of Corticosteroids, Progesterone, Luteinizing Hormone, and Testosterone in Bulls*. <i>Endocrinology</i> , 1981, 109, 185-190.	1.4	96
6	Effects of developmental exposure to bisphenol A on spatial navigational learning and memory in rats: A CLARITY-BPA study. <i>Hormones and Behavior</i> , 2016, 80, 139-148.	1.0	71
7	Reduced Leydig cell volume and function in adult rats exposed to 2,3,7,8-tetrachlorodibenzo-p-dioxin without a significant effect on spermatogenesis. <i>Toxicology</i> , 1992, 76, 103-118.	2.0	65
8	HSD11B1, HSD11B2, PTGS2, and NR3C1 Expression in the Peri-Implantation Ovine Uterus: Effects of Pregnancy, Progesterone, and Interferon Tau1. <i>Biology of Reproduction</i> , 2010, 82, 35-43.	1.2	64
9	Normal Development of Thymus in Male and Female Mice Requires Estrogen/Estrogen Receptor- α Signaling Pathway. <i>Endocrine</i> , 2000, 12, 207-213.	2.2	61
10	Chronic restraint stress during early Theiler's virus infection exacerbates the subsequent demyelinating disease in SJL mice. <i>Journal of Neuroimmunology</i> , 2004, 155, 103-118.	1.1	56
11	Salmonella Typhimurium and Multidirectional Communication in the Gut. <i>Frontiers in Microbiology</i> , 2016, 7, 1827.	1.5	44
12	Temperament influences endotoxin-induced changes in rectal temperature, sickness behavior, and plasma epinephrine concentrations in bulls. <i>Innate Immunity</i> , 2011, 17, 355-364.	1.1	41
13	Direct Biphasic Modulation of Gonadotropin-Stimulated Testicular Androgen Biosynthesis by Prolactin1. <i>Biology of Reproduction</i> , 1986, 34, 796-804.	1.2	40
14	Estrogen and Antiestrogen Effects on Neonatal Ovine Uterine Development1. <i>Biology of Reproduction</i> , 2003, 69, 708-717.	1.2	36
15	Cortisol and Interferon Tau Regulation of Endometrial Function and Conceptus Development in Female Sheep. <i>Endocrinology</i> , 2013, 154, 931-941.	1.4	33
16	Dexamethasone acutely down-regulates genes involved in steroidogenesis in stallion testes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 451-459.	1.2	32
17	Social stress alters the severity and onset of the chronic phase of Theiler's virus infection. <i>Journal of Neuroimmunology</i> , 2006, 175, 39-51.	1.1	31
18	Hypothalamic Distribution, Adenohypophyseal Receptor Expression, and Ligand Functionality of RFamide-Related Peptide 3 in the Mare During the Breeding and Nonbreeding Seasons1. <i>Biology of Reproduction</i> , 2014, 90, 28.	1.2	27

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19	Forskolin and phosphodiesterase inhibitors stimulate rat granulosa cell differentiation. <i>Molecular and Cellular Endocrinology</i> , 1984, 37, 51-60.	1.6	25
20	Human chorionic gonadotropin protects Leydig cell function against 2,3,7,8-tetrachlorodibenzo-p-dioxin in adult rats: role of leydig cell cytoplasmic volume. <i>Toxicology</i> , 1995, 95, 93-102.	2.0	24
21	Neuroimmune Interactions in a Model of Multiple Sclerosis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1153, 209-219.	1.8	24
22	Prenatal transportation stress alters genome-wide DNA methylation in suckling Brahman bull calves 1,2. <i>Journal of Animal Science</i> , 2018, 96, 5075-5099.	0.2	24
23	Endometrial HSD11B1 and Cortisol Regeneration in the Ovine Uterus: Effects of Pregnancy, Interferon Tau, and Prostaglandins 1. <i>Biology of Reproduction</i> , 2012, 86, 124.	1.2	22
24	The IGF system in the neonatal ovine uterus. <i>Reproduction</i> , 2005, 129, 337-347.	1.1	21
25	In vivo intra-luteal implants of prostaglandin (PG) E1 or E2 (PGE1, PGE2) prevent luteolysis in cows. II: mRNA for PGF2 \pm , EP1, EP2, EP3 (A $\hat{=}$ "D), EP3A, EP3B, EP3C, EP3D, and EP4 prostanoid receptors in luteal tissue. <i>Prostaglandins and Other Lipid Mediators</i> , 2012, 97, 60-65.	1.0	19
26	In vivo intra-luteal implants of prostaglandin (PG) E1 or E2 (PGE1, PGE2) prevent luteolysis in cows. I. Luteal weight, circulating progesterone, mRNA for luteal luteinizing hormone (LH) receptor, and occupied and unoccupied luteal receptors for LH. <i>Prostaglandins and Other Lipid Mediators</i> , 2011, 95, 35-44.	1.0	18
27	Gene Expression in the Spermatogenically Inactive $\hat{=}$ Dark $\hat{=}$ and Maturing $\hat{=}$ Light $\hat{=}$ Testicular Tissues of the Prepubertal Colt. <i>Journal of Andrology</i> , 2004, 25, 535-544.	2.0	17
28	Effects of Stress on the Immune Response to Theiler's Virus $\hat{=}$ Implications for Virus-Induced Autoimmunity. <i>NeuroImmunoModulation</i> , 2010, 17, 169-172.	0.9	17
29	Sexually dimorphic innate immunological responses of pre-pubertal Brahman cattle following an intravenous lipopolysaccharide challenge. <i>Veterinary Immunology and Immunopathology</i> , 2015, 166, 108-115.	0.5	15
30	Sexually dimorphic stress and pro-inflammatory cytokine responses to an intravenous corticotropin-releasing hormone challenge of Brahman cattle following transportation. <i>Innate Immunity</i> , 2013, 19, 378-387.	1.1	14
31	Effect of Hypophysectomy, Sex of Host, and/or Number of Transplanted Testes on Sertoli Cell Number and Testicular Size of Syngeneic Testicular Grafts in Fischer Rats 1. <i>Biology of Reproduction</i> , 1996, 54, 960-969.	1.2	13
32	Sex-dependent effects of chronic restraint stress during early Theiler's virus infection on the subsequent demyelinating disease in CBA mice. <i>Journal of Neuroimmunology</i> , 2006, 177, 46-62.	1.1	12
33	Glucocorticoid exposure alters the pathogenesis of Theiler's murine encephalomyelitis virus during acute infection. <i>Physiology and Behavior</i> , 2008, 95, 63-71.	1.0	12
34	In vitro modulation of porcine Leydig cell steroidogenesis by phorbol-12-myristate-13-acetate and 1,2-dioctanoylglycerol. <i>European Journal of Endocrinology</i> , 1990, 122, 101-106.	1.9	10
35	Influence of prenatal transportation stress-induced differential DNA methylation on the physiological control of behavior and stress response in suckling Brahman bull calves. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	10
36	The Differential Fate of Mesonephric Tubular-Derived Efferent Ductules in Estrogen Receptor- $\hat{=}$ Knockout Versus Wild-Type Female Mice*. <i>Endocrinology</i> , 2000, 141, 3792-3798.	1.4	9

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37	The effectiveness of vasopressin as an ACTH secretagogue in cattle differs with temperament. <i>Physiology and Behavior</i> , 2010, 101, 699-704.	1.0	9
38	Restraint Stress Fails to Render C57BL/6 Mice Susceptible to Theiler's Virus-Induced Demyelination. <i>NeuroImmunoModulation</i> , 2010, 17, 109-119.	0.9	8
39	In vitro culture of precision-cut testicular tissue as a novel tool for the study of responses to LH. In <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 45-53.	0.7	7
40	Effects of intraluteal implants of prostaglandin E1 or E2 on angiogenic growth factors in luteal tissue of Angus and Brahman cows. <i>Theriogenology</i> , 2014, 82, 1224-1230.	0.9	5
41	Influence of prenatal transportation stress on innate immune response to an endotoxin challenge in weaned Brahman bull calves. <i>Stress</i> , 2019, 22, 236-247.	0.8	5
42	Dexamethasone downregulates expression of several genes encoding orphan nuclear receptors that are important to steroidogenesis in stallion testes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22309.	1.4	4
43	Genome-wide DNA methylation alteration in prenatally stressed Brahman heifer calves with the advancement of age. <i>Epigenetics</i> , 2021, 16, 519-536.	1.3	4
44	Secretion of Gonadotropins in Response to a Novel Kiss-1 Receptor Agonist, RF9 in the Mare: Modulation by Estradiol-17 β and Half-Life of RF9 in the Peripheral Circulation. <i>Journal of Equine Veterinary Science</i> , 2017, 57, 100-106.	0.4	0