

Walter Butler

List of Publications by Year in descending order

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89
papers

8,000
citations

71004

43
h-index

54771

88
g-index

89
all docs

89
docs citations

89
times ranked

3384
citing authors

#	ARTICLE	IF	CITATIONS
1	Androgen production in response to LH is impaired in theca cells from nonovulatory dominant follicles in early-postpartum dairy cows. <i>Domestic Animal Endocrinology</i> , 2020, 71, 106385.	0.8	2
2	The acute phase protein orosomucoid 1 is upregulated in early lactation but does not trigger appetite-suppressing STAT3 signaling via the leptin receptor. <i>Journal of Dairy Science</i> , 2020, 103, 4765-4776.	1.4	10
3	Association of polymorphisms in the IGF-I, GHR and STAT5A genes with serum IGF-I concentration and reproductive performance of Holstein dairy cows. <i>Animal Reproduction Science</i> , 2019, 211, 106206.	0.5	7
4	Polymorphisms in the anti-oxidant paraoxonase-1 (PON1) gene associated with fertility of postpartum dairy cows. <i>Theriogenology</i> , 2019, 125, 302-309.	0.9	7
5	Effect of pre- and postpartum supplementation with lipid-encapsulated conjugated linoleic acid on reproductive performance and the growth hormone-insulin-like growth factor-I axis in multiparous high-producing dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 5888-5898.	1.4	15
6	Effect of hormonal and energy-related factors on plasma adiponectin in transition dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 9418-9427.	1.4	13
7	Uterine and systemic inflammation influences ovarian follicular function in postpartum dairy cows. <i>PLoS ONE</i> , 2017, 12, e0177356.	1.1	34
8	Exogenous paraoxonase-1 during oocyte maturation improves bovine embryo development in vitro. <i>Reproduction in Domestic Animals</i> , 2016, 51, 827-830.	0.6	14
9	Preimplantation embryo metabolism and culture systems: experience from domestic animals and clinical implications. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 393-409.	1.2	34
10	The effects of conjugated linoleic acid isomers cis-9,trans-11 and trans-10,cis-12 on in vitro bovine embryo production and cryopreservation. <i>Journal of Dairy Science</i> , 2014, 97, 6164-6176.	1.4	21
11	Individual and combined effects of anovulation and cytological endometritis on the reproductive performance of dairy cows. <i>Journal of Dairy Science</i> , 2014, 97, 5415-5425.	1.4	23
12	Association between growth hormone receptor Alul polymorphism and fertility of Holstein cows. <i>Theriogenology</i> , 2013, 80, 1061-1066.	0.9	12
13	Short communication: Acute phase proteins in Holstein cows diagnosed with uterine infection. <i>Research in Veterinary Science</i> , 2013, 95, 269-271.	0.9	42
14	Paraoxonase (PON) 1, 2 and 3 Expression in Granulosa Cells and PON1 Activity in Follicular Fluid of Dairy Cows. <i>Reproduction in Domestic Animals</i> , 2013, 48, 989-994.	0.6	18
15	Association between uterine disease and indicators of neutrophil and systemic energy status in lactating Holstein cows. <i>Journal of Dairy Science</i> , 2010, 93, 2926-2937.	1.4	179
16	Effect of Early Postpartum Ovulation on Fertility in Dairy Cows. <i>Reproduction in Domestic Animals</i> , 2009, 45, e207-11.	0.6	56
17	Alul polymorphism of the bovine growth hormone (GH) gene, resumption of ovarian cyclicity, milk production and loss of body condition at the onset of lactation in dairy cows. <i>Theriogenology</i> , 2009, 71, 553-559.	0.9	21
18	Effect of peripartum dietary energy supplementation of dairy cows on metabolites, liver function and reproductive variables. <i>Animal Reproduction Science</i> , 2009, 112, 301-315.	0.5	33

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19	Effects of prepartum 2,4-thiazolidinedione on metabolism and performance in transition dairy cows. <i>Journal of Dairy Science</i> , 2009, 92, 3623-3633.	1.4	29
20	Efficacy of conjugated linoleic acid for improving reproduction: A multi-study analysis in early-lactation dairy cows. <i>Journal of Dairy Science</i> , 2009, 92, 2662-2669.	1.4	58
21	Effect of prostaglandin F ₂ ± on subclinical endometritis and fertility in dairy cows. <i>Journal of Dairy Science</i> , 2009, 92, 4906-4913.	1.4	90
22	Follicle-stimulating hormone isoforms and plasma concentrations of estradiol and inhibin A in dairy cows with ovulatory and non-ovulatory follicles during the first postpartum follicle wave. <i>Domestic Animal Endocrinology</i> , 2008, 35, 112-119.	0.8	10
23	Short Communication: Insulin Alters Hepatic Progesterone Catabolic Enzymes Cytochrome P450 2C and 3A in Dairy Cows. <i>Journal of Dairy Science</i> , 2008, 91, 641-645.	1.4	50
24	Relationship of pre-ovulatory follicle size, estradiol concentrations and season to pregnancy outcome in dairy cows. <i>Animal Reproduction Science</i> , 2007, 99, 34-43.	0.5	87
25	Pregnancy rates in lactating dairy cattle following supplementation of progesterone after artificial insemination. <i>Animal Reproduction Science</i> , 2007, 102, 172-179.	0.5	48
26	Evaluation of the Mechanism of Action of Conjugated Linoleic Acid Isomers on Reproduction in Dairy Cows. <i>Journal of Dairy Science</i> , 2007, 90, 4253-4264.	1.4	62
27	Effects of Feeding Fish Meal and n-3 Fatty Acids on Milk Yield and Metabolic Responses in Early Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2007, 90, 136-144.	1.4	35
28	Effects of Feeding Fish Meal and n-3 Fatty Acids on Ovarian and Uterine Responses in Early Lactating Dairy Cows. <i>Journal of Dairy Science</i> , 2007, 90, 145-154.	1.4	58
29	Short Communication: Regulation of Milk Fat Yield and Fatty Acid Composition by Insulin. <i>Journal of Dairy Science</i> , 2006, 89, 4172-4175.	1.4	42
30	Energy Balance, Metabolic Status, and the First Postpartum Ovarian Follicle Wave in Cows Administered Propylene Glycol. <i>Journal of Dairy Science</i> , 2006, 89, 2938-2951.	1.4	106
31	Detrimental effects of high plasma urea nitrogen levels on viability of embryos from lactating dairy cows. <i>Animal Reproduction Science</i> , 2006, 91, 1-10.	0.5	82
32	Dietary Supplements of Two Doses of Calcium Salts of Conjugated Linoleic Acid During the Transition Period and Early Lactation. <i>Journal of Dairy Science</i> , 2005, 88, 1078-1089.	1.4	104
33	Insulin increases 17β-estradiol production by the dominant follicle of the first postpartum follicle wave in dairy cows. <i>Reproduction</i> , 2004, 127, 537-545.	1.1	103
34	Feeding 2-Hydroxy-4-(Methylthio)-Butanoic Acid to Periparturient Dairy Cows Improves Milk Production but not Hepatic Metabolism. <i>Journal of Dairy Science</i> , 2004, 87, 1071-1084.	1.4	44
35	Effects of Urea Infusion on the Uterine Luminal Environment of Dairy Cows. <i>Journal of Dairy Science</i> , 2004, 87, 2896-2901.	1.4	39
36	Insulin restores GH responsiveness during lactation-induced negative energy balance in dairy cattle: effects on expression of IGF-I and GH receptor 1A. <i>Journal of Endocrinology</i> , 2003, 176, 205-217.	1.2	225

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37	Effect of Dietary Lipid Source on Conjugated Linoleic Acid Concentrations in Milk Fat,. Journal of Dairy Science, 2001, 84, 680-690.	1.4	178
38	Decreased concentration of plasma leptin in periparturient dairy cows is caused by negative energy balance. Journal of Endocrinology, 2001, 171, 339-348.	1.2	258
39	Nutritional interactions with reproductive performance in dairy cattle. Animal Reproduction Science, 2000, 60-61, 449-457.	0.5	469
40	Effects of energy balance on follicular development and first ovulation in postpartum dairy cows. Journal of Reproduction and Fertility Supplement, 1999, 54, 411-24.	0.1	102
41	Review: Effect of Protein Nutrition on Ovarian and Uterine Physiology in Dairy Cattle. Journal of Dairy Science, 1998, 81, 2533-2539.	1.4	330
42	Energy Balance, Metabolic Hormones, and Early Postpartum Follicular Development in Dairy Cows Fed Prilled Lipid. Journal of Dairy Science, 1998, 81, 121-131.	1.4	181
43	Energy Balance and Ovarian Follicle Development Prior to the First Ovulation Postpartum in Dairy Cows Receiving Three Levels of Dietary Fat. Biology of Reproduction, 1997, 56, 133-142.	1.2	324
44	Reduced Fertility Associated with Low Progesterone Postbreeding and Increased Milk Urea Nitrogen in Lactating Cows. Journal of Dairy Science, 1997, 80, 1288-1295.	1.4	111
45	Naloxone Administration Does Not Relieve the Inhibition of Gonadotropin Release in Food-Restricted, Lactating Rats. Journal of Nutrition, 1996, 126, 2113-2119.	1.3	4
46	Plasma and milk urea nitrogen in relation to pregnancy rate in lactating dairy cattle.. Journal of Animal Science, 1996, 74, 858.	0.2	324
47	Relationships between energy balance and post-partum ovarian activity and fertility in first lactation dairy cows. Animal Science, 1996, 62, 17-23.	1.3	81
48	Food restriction, gonadotropins, and behavior in the lactating rat. Physiology and Behavior, 1995, 58, 1243-1249.	1.0	21
49	Alterations of pH in response to increased dietary protein in cattle are unique to the uterus1. Journal of Animal Science, 1993, 71, 702-706.	0.2	95
50	Reduction of fertility and alteration of uterine pH in heifers fed excess ruminally degradable protein1. Journal of Animal Science, 1993, 71, 694-701.	0.2	262
51	Endocrine Responses in Cows Milked by Hand and Machine. Journal of Dairy Science, 1992, 75, 443-448.	1.4	55
52	Social influences on reproductive development and fertility in female Djungarian hamsters (Phodopus Tj ETQq0 0 Q rgBT /Overlock 10 T	1.6	24
53	Acute and chronic hormone and metabolite changes in lambs fed the beta-agonist, cimaterol. Domestic Animal Endocrinology, 1991, 8, 537-548.	0.8	22
54	Temporal pattern of skeletal muscle changes in lambs fed cimaterol. Domestic Animal Endocrinology, 1991, 8, 549-554.	0.8	19

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55	Energy balance, first ovulation and the effects of naloxone on LH secretion in early postpartum dairy cows.. Journal of Animal Science, 1991, 69, 740.	0.2	96
56	Increased ovulation rate in gilts after oral administration of epostane. Reproduction, 1990, 90, 297-304.	1.1	1
57	Effects of Excess Degradable Protein on Postpartum Reproduction and Energy Balance in Dairy Cattle. Journal of Dairy Science, 1990, 73, 2342-2349.	1.4	185
58	Energy balance and pulsatile LH secretion in early postpartum dairy cattle. Domestic Animal Endocrinology, 1990, 7, 323-330.	0.8	150
59	The Effects of Bovine Growth Hormone and Thyroxine on Growth Rate and Carcass Measurements in Lambs. Journal of Animal Science, 1989, 67, 3300.	0.2	24
60	Accuracy of predicting the LH surge and optimal insemination time in Holstein heifers using a vaginal resistance probe. Theriogenology, 1989, 31, 835-842.	0.9	20
61	Interrelationships Between Energy Balance and Postpartum Reproductive Function in Dairy Cattle. Journal of Dairy Science, 1989, 72, 767-783.	1.4	801
62	Sexual maturation of ewes raised without ram exposure in a controlled lighting environment. Theriogenology, 1988, 29, 811-821.	0.9	6
63	Failure of fasting and changes in plasma metabolites to affect spontaneous fluctuations in plasma concentrations of ovine placental lactogen. Journal of Endocrinology, 1987, 114, 391-397.	1.2	9
64	Cimaterol-Induced Muscle Hypertrophy and Altered Endocrine Status in Lambs. Journal of Animal Science, 1987, 65, 1514-1524.	0.2	138
65	Stimulation of ovine placental lactogen secretion by arachidonic acid. Journal of Endocrinology, 1985, 106, 43-47.	1.2	5
66	On the Negative Feedback Regulation of Gonadotropins in Castrate and Intact Cattle with Comparison of Two FSH Radioimmunoassays ¹ . Journal of Animal Science, 1983, 56, 919-929.	0.2	38
67	Relation Between Levels of Circulating Ovarian Steroids and Pituitary Gonadotropin Content During the Menstrual Cycle of the Rhesus Monkey ¹ . Biology of Reproduction, 1982, 26, 241-248.	1.2	24
68	Growth and Sexual Maturation in Ewes: Dietary and Seasonal Effects Modulating Luteinizing Hormone Secretion and First Ovulation. Biology of Reproduction, 1982, 27, 864-870.	1.2	28
69	Seasonal Effects and Hormonal Patterns Related to Puberty in Ewe Lambs. Biology of Reproduction, 1982, 27, 853-863.	1.2	50
70	Rapidity of Cortisol Transfer Between Blood and Milk Following Adrenocorticotropin Injection. Journal of Dairy Science, 1981, 64, 2197-2200.	1.4	16
71	Effect of Adrenocorticotropin on Milk and Plasma Cortisol and Prolactin Concentrations. Journal of Dairy Science, 1981, 64, 1794-1803.	1.4	26
72	The Relationships between Energy Balance, Milk Production and Ovulation in Postpartum Holstein Cows ¹ . Journal of Animal Science, 1981, 53, 742-748.	0.2	263

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73	The Relationship between Breed and Litter Size in Sheep and Maternal Serum Concentrations of Placental Lactogen, Estradiol and Progesterone ¹ . Journal of Animal Science, 1981, 53, 1077-1081.	0.2	58
74	Medial Basal Hypothalamic Disconnection and the Onset of Puberty in the Female Rhesus Monkey*. Endocrinology, 1981, 108, 1944-1948.	1.4	27
75	Blood Plasma Levels of Cortisol, Insulin, Growth Hormone and Somatomedin in Children with Marasmus, Kwashiorkor, and Intermediate Forms of Protein-Energy Malnutrition. Experimental Biology and Medicine, 1981, 167, 607-611.	1.1	49
76	Growth Hormone, Prolactin, and Cortisol in Dogs Developing Mammary Nodules and an Acromegaly-Like Appearance during Treatment with Medroxyprogesterone Acetate*. Endocrinology, 1980, 106, 1173-1177.	1.4	83
77	Radioimmunoassay Technique for Measuring Cortisol in Milk. Journal of Dairy Science, 1980, 63, 474-477.	1.4	24
78	Endometrial Secretion of Prostaglandins During the Ovarian Cycle and Early Pregnancy. , 1980, , 287-309.		5
79	Influence of Suckling on Gonadotropin Secretion in the Postpartum Rhesus Monkey. Experimental Biology and Medicine, 1976, 153, 330-331.	1.1	28
80	Periparturitional Serum Concentrations of Prolactin, The Gonadotropins, and the Gonadal Hormones in the Rhesus Monkey. Experimental Biology and Medicine, 1976, 151, 113-116.	1.1	34
81	Surgical Disconnection of the Medial Basal Hypothalamus and Pituitary Function in the Rhesus Monkey. II. GH and Cortisol Secretion ¹ ² . Endocrinology, 1975, 96, 1088-1093.	1.4	167
82	Surgical Disconnection of the Medial Basal Hypothalamus and Pituitary Function in the Rhesus Monkey. III. Thyroxine Secretion ¹ , ² . Endocrinology, 1975, 96, 1094-1098.	1.4	7
83	Surgical Disconnection of the Medial Basal Hypothalamus and Pituitary Function in the Rhesus Monkey. IV. Prolactin Secretion ¹ ² . Endocrinology, 1975, 96, 1099-1105.	1.4	29
84	Surgical Disconnection of the Medial Basal Hypothalamus and Pituitary Function in the Rhesus Monkey. I. Gonadotropin Secretion ¹ , ² . Endocrinology, 1975, 96, 1073-1087.	1.4	383
85	Functional Luteolysis in the Rhesus Monkey: Ovarian Estrogen and Progesterone During the Luteal Phase of the Menstrual Cycle ¹ ² . Endocrinology, 1975, 96, 1509-1512.	1.4	45
86	Perioviulatory Time Courses of Circulating Gonadotropic and Ovarian Hormones in the Rhesus Monkey ¹ . Endocrinology, 1973, 93, 1140-1147.	1.4	158
87	Induced LH Surges in the Rhesus Monkey: Strength-Duration Characteristics of the Estrogen Stimulus ¹² . Endocrinology, 1973, 92, 1740-1747.	1.4	198
88	The Influence of Lactation on Luteal Function in the Rhesus Monkey ¹ . Endocrinology, 1973, 93, 954-959.	1.4	38
89	Patterns of Pituitary Release and Cranial Output of LH and Prolactin in Ovariectomized Ewes. Endocrinology, 1972, 91, 793-801.	1.4	114