Duane H Keisler

List of Publications by Year in descending order

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243 papers 9,025 citations

52 h-index ⁵⁸⁵⁴⁹ **82**

g-index

245 all docs

245 docs citations

times ranked

245

5637 citing authors

#	Article	IF	Citations
1	Plasma leptin determination in ruminants: effect of nutritional status and body fatness on plasma leptin concentration assessed by a specific RIA in sheep. Journal of Endocrinology, 2000, 165, 519-526.	1.2	339
2	Maternal Endocrine Adaptation throughout Pregnancy to Nutritional Manipulation: Consequences for Maternal Plasma Leptin and Cortisol and the Programming of Fetal Adipose Tissue Development. Endocrinology, 2003, 144, 3575-3585.	1.4	224
3	Physical characteristics, blood hormone concentrations, and plasma lipid concentrations in obese horses with insulin resistance. Journal of the American Veterinary Medical Association, 2006, 228, 1383-1390.	0.2	221
4	Effects of Controlled Heat Stress on Ovarian Function of Dairy Cattle. 1. Lactating Cows. Journal of Dairy Science, 1998, 81, 2124-2131.	1.4	191
5	Programming of glucose-insulin metabolism in adult sheep after maternal undernutrition. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R947-R954.	0.9	191
6	Follicular Function in Lactating Dairy Cows Treated with Sustained-Release Bovine Somatotropin. Journal of Dairy Science, 1997, 80, 273-285.	1.4	177
7	Leptin receptor mRNA is expressed in ewe anterior pituitary and adipose tissues and is differentially expressed in hypothalamic regions of well-fed and feed-restricted ewes. Domestic Animal Endocrinology, 1997, 14, 119-128.	0.8	171
8	Characterization of Ovarian Follicular Cysts and Associated Endocrine Profiles in Dairy Cows1. Biology of Reproduction, 1995, 53, 890-898.	1.2	149
9	Leptin Regulates Pulsatile Luteinizing Hormone and Growth Hormone Secretion in the Sheep. This work was supported by a V.A. Merit Award (to C.A.J.), NIH Grants HD-18258 and HD-18394 (to D.L.F.), and Michigan Diabetes Research and Training Center Grant 2P60-DK-20572-21. A preliminary report of this work 2007 and the 82nd Annual Meeting of The Endocrine Society Endocrinology, 2000, 141,	1.4	138
10	Leptin Gene Expression, Circulating Leptin, and Luteinizing Hormone Pulsatility Are Acutely Responsive to Short-Term Fasting in Prepubertal Heifers: Relationships to Circulating Insulin and Insulin-Like Growth Factor I1. Biology of Reproduction, 2000, 63, 127-133.	1.2	138
11	Central infusion of leptin into well-fed and undernourished ewe lambs: effects on feed intake and serum concentrations of growth hormone and luteinizing hormone. Journal of Endocrinology, 2001, 168, 317-324.	1.2	136
12	Paradoxical Effects of Maternal Stress on Fetal Steroids and Postnatal Reproductive Traits in Female Mice from Different Intrauterine Positions 1. Biology of Reproduction, 1990, 43, 751-761.	1.2	133
13	Influence of Food Restriction on Neuropeptide-Y, Proopiomelanocortin, and Luteinizing Hormone-Releasing Hormone Gene Expression in Sheep Hypothalami1. Biology of Reproduction, 1993, 49, 831-839.	1.2	128
14	Effect of Increasing Energy and Protein Intake on Body Growth and Carcass Composition of Heifer Calves. Journal of Dairy Science, 2005, 88, 585-594.	1.4	125
15	Circulating concentrations of bovine pregnancy-associated glycoproteins and late embryonic mortality in lactating dairy herds. Journal of Dairy Science, 2016, 99, 1584-1594.	1.4	123
16	Parenteral Administration of L-Arginine Prevents Fetal Growth Restriction in Undernourished Ewes ,. Journal of Nutrition, 2010, 140, 1242-1248.	1.3	113
17	Differential effects of estrogen and prolactin on autoimmune disease in the NZB/NZW F1 mouse model of systemic lupus erythematosus. Lupus, 1998, 7, 420-427.	0.8	110
18	Effects of Controlled Heat Stress on Ovarian Function of Dairy Cattle. 2. Heifers. Journal of Dairy Science, 1998, 81, 2132-2138.	1.4	104

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19	Central Actions of Neuropeptide-Y May Provide a Neuromodulatory Link between Nutrition and Reproduction1. Biology of Reproduction, 1992, 46, 1151-1157.	1.2	102
20	Programming of adult cardiovascular function after early maternal undernutrition in sheep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R12-R20.	0.9	101
21	Reduced Growth Hormone Receptor (GHR) Messenger Ribonucleic Acid in Liver of Periparturient Cattle Is Caused by a Specific Down-Regulation of GHR 1A That Is Associated with Decreased Insulin-Like Growth Factor I*. Endocrinology, 1999, 140, 3947-3954.	1.4	98
22	Parenteral Administration of L-Arginine Enhances Fetal Survival and Growth in Sheep Carrying Multiple Fetuses1–3. Journal of Nutrition, 2011, 141, 849-855.	1.3	95
23	Large-scale preparation of biologically active recombinant ovine obese protein (leptin). FEBS Letters, 1998, 422, 137-140.	1.3	91
24	Influence of maternal pre-pregnancy body composition and diet during early–mid pregnancy on cardiovascular function and nephron number in juvenile sheep. British Journal of Nutrition, 2005, 94, 938-947.	1.2	91
25	Arginine nutrition and fetal brown adipose tissue development in nutrient-restricted sheep. Amino Acids, 2013, 45, 489-499.	1.2	91
26	Effect of dietary energy on milk production and metabolic hormones in thin, primiparous beef heifers Journal of Animal Science, 2000, 78, 530.	0.2	90
27	Gonadotropin-Releasing Hormone Secretion into Third-Ventricle Cerebrospinal Fluid of Cattle: Correspondence with the Tonic and Surge Release of Luteinizing Hormone and Its Tonic Inhibition by Suckling and Neuropeptide Y1. Biology of Reproduction, 1998, 59, 676-683.	1.2	89
28	Antioxidants suppress mortality in the female NZB $\tilde{A}-$ NZW F1 mouse model of systemic lupus erythematosus (SLE). Lupus, 2001, 10, 258-265.	0.8	88
29	Central Infusion of Recombinant Ovine Leptin Normalizes Plasma Insulin and Stimulates a Novel Hypersecretion of Luteinizing Hormone after Short-Term Fasting in Mature Beef Cows1. Biology of Reproduction, 2002, 66, 1555-1561.	1.2	88
30	Gonadectomy and high dietary fat but not high dietary carbohydrate induce gains in body weight and fat of domestic cats. British Journal of Nutrition, 2007, 98, 641-650.	1.2	85
31	Influence of Summer and Autumn Nutrition on Body Condition and Reproduction in Lactating Mule Deer. Journal of Wildlife Management, 2010, 74, 974-986.	0.7	85
32	Detection and regulation of leptin receptor mRNA in ovine mammary epithelial cells during pregnancy and lactation. FEBS Letters, 1999, 463, 194-198.	1.3	84
33	Evaluation of physiological and blood serum differences in heat-tolerant (Romosinuano) and heat-susceptible (Angus) Bos taurus cattle during controlled heat challenge1. Journal of Animal Science, 2010, 88, 2321-2336.	0.2	84
34	Liver lipid content and inflammometabolic indices in peripartal dairy cows are altered in response to prepartal energy intake and postpartal intramammary inflammatory challenge. Journal of Dairy Science, 2013, 96, 918-935.	1.4	84
35	Tissue Inhibitor of Metalloproteinase-1 Concentrations are Attenuated in Peritoneal Fluid and Sera of Women with Endometriosis and Restored in Sera by Gonadotropin-Releasing Hormone Agonist Therapy. Fertility and Sterility, 1998, 69, 1128-1134.	0.5	82
36	Effect of short-term fasting on plasma concentrations of leptin and other hormones and metabolites in dairy cattle. Domestic Animal Endocrinology, 2004, 26, 33-48.	0.8	80

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37	Correlations among Three Measures of Puberty in Mice and Relationships with Estradiol Concentration and Ovulation 1. Biology of Reproduction, 1993, 48, 669-673.	1.2	76
38	Complex Binding of the Embryonic Interferon, Ovine Trophoblast Protein-1, to Endometrial Receptors. Journal of Interferon Research, 1989, 9, 215-225.	1.2	72
39	Genetic and phenotypic relationships of serum leptin concentration with performance, efficiency of gain, and carcass merit of feedlot cattle1. Journal of Animal Science, 2007, 85, 2147-2155.	0.2	72
40	Leptin and its role in the central regulation of reproduction in cattle. Domestic Animal Endocrinology, 2002, 23, 339-349.	0.8	69
41	Use of somatic cells from goat milk for dynamic studies of gene expression in the mammary gland1. Journal of Animal Science, 2002, 80, 1258-1269.	0.2	68
42	Arginine nutrition and fetal brown adipose tissue development in diet-induced obese sheep. Amino Acids, 2012, 43, 1593-1603.	1.2	68
43	Use of a stair-step compensatory gain nutritional regimen to program the onset of puberty in beef heifers1. Journal of Animal Science, 2014, 92, 2942-2949.	0.2	66
44	Hyperprolactinemia in Male NZB/NZW (B/W) F1 Mice: Accelerated Autoimmune Disease with Normal Circulating Testosterone. Clinical Immunology and Immunopathology, 1994, 71, 338-343.	2.1	64
45	CDNA cloning and tissue-specific gene expression of ovine leptin, NPY-Y1 receptor, and NPY-Y2 receptor. Domestic Animal Endocrinology, 1997, 14, 295-303.	0.8	63
46	Effects of Prolactin in Stimulating Disease Activity in Systemic Lupus Erythematosusa. Annals of the New York Academy of Sciences, 1998, 840, 762-772.	1.8	63
47	Effects of oestradiol on LH, FSH and prolactin in ovariectomized ewes. Reproduction, 1990, 88, 645-653.	1.1	62
48	Non-surgical catheterization of the jugular vein in young pigs. Laboratory Animals, 1999, 33, 129-134.	0.5	60
49	Maternal Nutrient Restriction between Early and Midgestation and Its Impact Upon Appetite Regulation after Juvenile Obesity. Endocrinology, 2009, 150, 634-641.	1.4	60
50	Effect of body fat mass and nutritional status on 24-hour leptin profiles in ewes. Journal of Animal Science, 2002, 80, 1083-1089.	0.2	55
51	Influence of postpartum weight and body condition change on duration of anestrus by undernourished suckled beef heifers Journal of Animal Science, 1997, 75, 2003.	0.2	54
52	Gonadotropin-releasing hormone-induced ovulation and luteinizing hormone release in beef heifers: Effect of day of the cycle. Journal of Animal Science, 2008, 86, 83-93.	0.2	54
53	Low Doses of Bovine Somatotropin Enhance Conceptus Development and Fertility in Lactating Dairy Cows1. Biology of Reproduction, 2014, 90, 10.	1.2	53
54	In-vitro development of zygotes from superovulated prepubertal and mature gilts. Reproduction, 1989, 87, 63-66.	1.1	52

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55	Endocrine responses to short-term feed deprivation in weanling pigs. Journal of Endocrinology, 2003, 178, 541-551.	1.2	52
56	Leptin concentrations in periparturient ewes and their subsequent offspring. Journal of Animal Science, 2002, 80, 738-743.	0.2	49
57	Hypertension and impaired renal function accompany juvenile obesity: The effect of prenatal diet. Kidney International, 2007, 72, 279-289.	2.6	49
58	Decreased growth in angus steers with a short TG-microsatellite allele in the P1 promoter of the growth hormone receptor gene Journal of Animal Science, 2000, 78, 2099.	0.2	48
59	Seasonal effects of central leptin infusion on secretion of melatonin and prolactin and on SOCS-3 gene expression in ewes. Journal of Endocrinology, 2008, 198, 147-155.	1.2	47
60	Growth Hormone and Milking Frequency Act Differently on Goat Mammary Gland in Late Lactation. Journal of Dairy Science, 2003, 86, 509-520.	1.4	46
61	Peripheral leptin effect on food intake in young chickens is influenced by age and strain. Domestic Animal Endocrinology, 2004, 27, 51-61.	0.8	46
62	Leptin Regulates Pulsatile Luteinizing Hormone and Growth Hormone Secretion in the Sheep. Endocrinology, 2000, 141, 3965-3975.	1.4	46
63	Divergent Effects of Leptin on Luteinizing Hormone and Insulin Secretion are Dose Dependent. Experimental Biology and Medicine, 2003, 228, 325-330.	1.1	45
64	Leptin Prevents Fasting-Mediated Reductions in Pulsatile Secretion of Luteinizing Hormone and Enhances Its Gonadotropin-Releasing Hormone-Mediated Release in Heifers 1. Biology of Reproduction, 2004, 70, 229-235.	1.2	45
65	Effect of intravenous infusion of recombinant ovine leptin on feed intake and serum concentrations of GH, LH, insulin, IGF-1, cortisol, and thyroxine in growing prepubertal ewe lambs. Domestic Animal Endocrinology, 2002, 22, 103-112.	0.8	44
66	Endocrine profiles of periparturient mares and their foals1. Journal of Animal Science, 2007, 85, 1660-1668.	0.2	44
67	Ambient Temperature, Maternal Dexamethasone, and Postnatal Ontogeny of Leptin in the Neonatal Lamb. Pediatric Research, 2002, 52, 85-90.	1.1	43
68	Regulatory Roles of Leptin at the Hypothalamic-Hypophyseal Axis Before and after Sexual Maturation in Cattle 1. Biology of Reproduction, 2004, 71, 804-812.	1.2	43
69	Premature death with bladder outlet obstruction and hyperprolactinemia in new zealand black × new zealand white mice treated with ethinyl estradiol and 17 beta—estradiol. Arthritis and Rheumatism, 1992, 35, 1387-1392.	6.7	42
70	Injection of neuropeptide Y into the third cerebroventricle differentially influences pituitary secretion of luteinizing hormone and growth hormone in ovariectomized cows. Domestic Animal Endocrinology, 1999, 16, 159-169.	0.8	42
71	Differential effects of leptin on thermoregulation and uncoupling protein abundance in the neonatal lamb. FASEB Journal, 2002, 16, 1438-1440.	0.2	42
72	Nutritional skewing of conceptus sex in sheep: effects of a maternal diet enriched in rumen-protected polyunsaturated fatty acids (PUFA). Reproductive Biology and Endocrinology, 2008, 6, 21.	1.4	42

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73	Leptin concentrations in finishing beef steers and heifers and their association with dry matter intake, average daily gain, feed efficiency, and body composition. Domestic Animal Endocrinology, 2016, 55, 136-141.	0.8	42
74	Effects of short- or long-term infusions of acetate or propionate on luteinizing hormone, insulin, and metabolite concentrations in beef heifers Journal of Animal Science, 1999, 77, 3050.	0.2	41
75	Partial Feed Restriction Decreases Growth Hormone Receptor 1A mRNA Expression in Postpartum Dairy Cows. Journal of Dairy Science, 2006, 89, 611-619.	1.4	41
76	Supplementation based on protein or energy ingredients to beef cattle consuming low-quality cool-season forages: II. Performance, reproductive, and metabolic responses of replacement heifers1. Journal of Animal Science, 2014, 92, 2725-2734.	0.2	41
77	Central Role of the PPARÎ ³ Gene Network in Coordinating Beef Cattle Intramuscular Adipogenesis in Response to Weaning Age and Nutrition. Gene Regulation and Systems Biology, 2014, 8, GRSB.S11782.	2.3	40
78	Ovine Trophoblast Protein-i and Bovine Trophoblast Protein-i are Present as Specific Components of Uterine Flushings of Pregnant Ewes and Cows1. Biology of Reproduction, 1988, 39, 457-463.	1.2	39
79	Different Ovine Interferon-Tau Genes Are Not Expressed Identically and Their Protein Products Display Different Activities1. Biology of Reproduction, 1998, 58, 566-573.	1.2	39
80	Perception and Interpretation of the Effects of Undernutrition on Reproduction. Journal of Animal Science, $1996, 74, 1$.	0.2	38
81	Gene expression in the arcuate nucleus of heifers is affected by controlled intake of high- and low-concentrate diets1. Journal of Animal Science, 2012, 90, 2222-2232.	0.2	38
82	Effects of Leptin on Fetal Plasma Adrenocorticotropic Hormone and Cortisol Concentrations and the Timing of Parturition in the Sheep1. Biology of Reproduction, 2004, 70, 1650-1657.	1.2	37
83	The role of leptin in the transition from fetus to neonate. Proceedings of the Nutrition Society, 2001, 60, 187-194.	0.4	36
84	Sex Difference in Link between Interleukin-6 and Stress. Endocrinology, 2007, 148, 3758-3764.	1.4	36
85	Luteinizing hormone and growth hormone secretion in ewes infused intracerebroventricularly with neuropeptide Y. Domestic Animal Endocrinology, 2003, 24, 69-80.	0.8	35
86	Uterine and Hepatic Gene Expression in Relation to Days Postpartum, Estrus, and Pregnancy in Postpartum Dairy Cows. Journal of Dairy Science, 2008, 91, 140-150.	1.4	35
87	Investigating the mechanism for maintaining eucalcemia despite immobility and anuria in the hibernating American black bear (Ursus americanus). Bone, 2011, 49, 1205-1212.	1.4	35
88	Subclinical mastitis in ewes and its effect on lamb performance. Journal of Animal Science, 1992, 70, 1677-1681.	0.2	34
89	Preparation of Recombinant Bovine, Porcine, and Porcine W4R/R5K Leptins and Comparison of Their Activity and Immunoreactivity with Ovine, Chicken, and Human Leptins. Protein Expression and Purification, 2000, 19, 30-40.	0.6	34
90	Effect of cerebroventricular infusion of insulin and (or) glucose on hypothalamic expression of leptin receptor and pituitary secretion of LH in diet-restricted ewesâ ⁺ †. Domestic Animal Endocrinology, 2000, 18, 177-185.	0.8	34

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91	Pregnancy development from day 28 to 42 of gestation in postpartum Holstein cows that were either milked (lactating) or not milked (not lactating) after calving. Reproduction, 2012, 143, 699-711.	1.1	34
92	Characterization of Ovine Follicles Destined to Form Subfunctional Corpora Lutead. Journal of Animal Science, 1987, 65, 1595-1601.	0.2	33
93	Relationships of metabolic hormones and serum glucose to growth and reproductive development in performance-tested Angus, Brangus, and Brahman bulls. Journal of Animal Science, 2002, 80, 757-767.	0.2	33
94	Use of melengestrol acetate and gonadotropins to induce fertile estrus in seasonally anestrous ewes. Journal of Animal Science, 1992, 70, 2935-2941.	0.2	32
95	Dietary Omega-3 Polyunsaturated Fatty Acids Reduce IFN-gamma Receptor Expression in Mice. Journal of Interferon and Cytokine Research, 1999, 19, 41-48.	0.5	32
96	Modifying the Acute Phase Response of Jersey Calves by Supplementing Milk Replacer with Omega-3 Fatty Acids from Fish Oil. Journal of Dairy Science, 2008, 91, 3478-3487.	1.4	31
97	Effects of vaccination against respiratory pathogens on feed intake, metabolic, and inflammatory responses in beef heifers1. Journal of Animal Science, 2015, 93, 4443-4452.	0.2	31
98	Birth by caesarian section alters postnatal function of the hypothalamic-pituitary-adrenal axis in young pigs Journal of Animal Science, 1999, 77, 742.	0.2	30
99	Short communication: Glucose infusion into early postpartum cows defines an upper physiological set point for blood glucose and causes rapid and reversible changes in blood hormones and metabolites. Journal of Dairy Science, 2013, 96, 5762-5768.	1.4	29
100	Use of melengestrol acetate-based treatments to induce and synchronize estrus in seasonally anestrous ewes Journal of Animal Science, 1996, 74, 2292.	0.2	28
101	Formation and function of GnRH-induced subnormal corpora lutea in cyclic ewes. Reproduction, 1989, 87, 265-273.	1.1	26
102	Hormonal Manipulation of the Prenatal Environment Alters Reproductive Morphology and Increases Longevity in Autoimmune NZB/W Mice1. Biology of Reproduction, 1991, 44, 707-716.	1.2	26
103	A potential strategy for decreasing milk production in the ewe at weaning using a growth hormone release blocker2. Journal of Animal Science, 1995, 73, 1901-1905.	0.2	26
104	Effects of an intravenous injection of NPY on leptin and NPY-Y1 receptor mRNA expression in ovine adipose tissue. Domestic Animal Endocrinology, 1997, 14, 325-333.	0.8	26
105	Concentrations of steroids and expression of messenger RNA for steroidogenic enzymes and gonadotropin receptors in bovine ovarian follicles of first and second waves and changes in second wave follicles after pulsatile LH infusion. Animal Reproduction Science, 2001, 67, 189-203.	0.5	26
106	Peripartum responses of dairy cows to prepartal feeding level and dietary fatty acid source. Journal of Dairy Science, 2011, 94, 917-930.	1.4	26
107	Kisspeptin Stimulates Growth Hormone Release by Utilizing Neuropeptide Y Pathways and Is Dependent on the Presence of Ghrelin in the Ewe. Endocrinology, 2017, 158, 3526-3539.	1.4	26
108	Response of Plasma Leptin Concentration to Jugular Infusion of Glucose or Lipid Is Dependent on the Stage of Lactation of Holstein Cows. Journal of Nutrition, 2003, 133, 4163-4171.	1.3	25

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109	Effects of dietary energy and protein density on plasma concentrations of leptin and metabolic hormones in dairy heifers. Journal of Dairy Science, 2009, 92, 1430-1441.	1.4	25
110	Effects of bovine somatotropin administration on growth, physiological, and reproductive responses of replacement beef heifers1. Journal of Animal Science, 2013, 91, 2894-2901.	0.2	25
111	Creep-feeding to stimulate metabolic imprinting in nursing beef heifers: impacts on heifer growth, reproductive and physiological variables. Animal, 2015, 9, 1500-1508.	1.3	25
112	The effects of diet and arginine treatment on serum metabolites and selected hormones during the estrous cycle in sheep. Theriogenology, 2015, 83, 808-816.	0.9	25
113	Reproductive and productive response to suckling restriction and dietary flushing in primiparous grazing beef cows. Animal Production Science, 2013, 53, 283.	0.6	24
114	Evaluation of immune system function in neonatal pigs born vaginally or by Cesarean section. Domestic Animal Endocrinology, 2008, 35, 81-87.	0.8	23
115	Elevated Body Weight Gain During the Juvenile Period Alters Neuropeptide Y-Gonadotropin-Releasing Hormone Circuitry in Prepubertal Heifers. Biology of Reproduction, 2015, 92, 46-46.	1.2	23
116	Concentrations of luteinizing hormone and ovulatory responses in dairy cows before timed artificial insemination. Journal of Dairy Science, 2015, 98, 6188-6201.	1.4	23
117	Relationships of serum insulin-like growth factor I concentrations to growth, composition, and reproductive traits of swine1. Journal of Animal Science, 1995, 73, 3241-3245.	0.2	22
118	Decreased follicular size during late lactation caused by treatment with charcoal-treated follicular fluid delays onset of estrus and ovulation after weaning in sows1. Journal of Animal Science, 2006, 84, 2110-2117.	0.2	22
119	Effects of Slaughter Date, On-Farm Handling, Transport Stocking Density, and Time in Lairage on Digestive Tract Temperature, Serum Cortisol Concentrations, and Pork Lean Quality of Market Hogs1. The Professional Animal Scientist, 2008, 24, 208-218.	0.7	22
120	Maternal parity and its effect on adipose tissue deposition and endocrine sensitivity in the postnatal sheep. Journal of Endocrinology, 2010, 204, 173-179.	1.2	21
121	Dietary marine algae and its influence on tissue gene network expression during milk fat depression in dairy ewes. Animal Feed Science and Technology, 2013, 186, 36-44.	1.1	21
122	Reciprocal changes in leptin and NPY during nutritional acceleration of puberty in heifers. Journal of Endocrinology, 2014, 223, 289-298.	1.2	21
123	A Progesterone-Modulated, Low-Molecular-Weight Protein from the Uterus of the Sheep is Associated with Crystalline Inclusion Bodies in Uterine Epithelium and Embryonic Trophectoderm1. Biology of Reproduction, 1990, 43, 80-96.	1.2	20
124	Effect of Variants of Interferon-Ï,, with Mutations near the Carboxyl Terminus on Luteal Life Span in Sheep1. Biology of Reproduction, 1997, 56, 214-220.	1.2	20
125	Effects of feeding or abomasal infusion of canola oil in Holstein cows. 2. Gene expression and plasma concentrations of cholecystokinin and leptin. Journal of Dairy Research, 2004, 71, 288-296.	0.7	20
126	Circulating ghrelin and leptin concentrations and growth hormone secretagogue receptor abundance in liver, muscle, and adipose tissue of beef cattle exhibiting differences in composition of gain. Journal of Animal Science, 2011, 89, 3954-3972.	0.2	20

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127	The effect of leptin on luteal angiogenic factors during the luteal phase of the estrous cycle in goats. Animal Reproduction Science, 2014, 148, 121-129.	0.5	20
128	Effect of pre- and postnatal growth and post-weaning activity on glucose metabolism in the offspring. Journal of Endocrinology, 2015, 224, 171-182.	1.2	20
129	Identifying factors contributing to slow growth in pigs. Journal of Animal Science, 2016, 94, 2103-2116.	0.2	20
130	Maternal Nutrient Restriction During Late Gestation and Early Postnatal Growth in Sheep Differentially Reset the Control of Energy Metabolism in the Gastric Mucosa. Endocrinology, 2011, 152, 2816-2826.	1.4	19
131	Short communication: Glucose and fructose concentrations and expression of glucose transporters in 4- to 6-week pregnancies collected from Holstein cows that were either lactating or not lactating. Journal of Dairy Science, 2012, 95, 5095-5101.	1.4	19
132	Sex Differences in Metabolic and Adipose Tissue Responses to Juvenile-Onset Obesity in Sheep. Endocrinology, 2013, 154, 3622-3631.	1.4	19
133	Postweaning nutritional programming of ovarian development in beef heifers1,2. Journal of Animal Science, 2015, 93, 5232-5239.	0.2	19
134	Is progesterone the key regulatory factor behind ovulation rate in sheep?. Domestic Animal Endocrinology, 2017, 58, 30-38.	0.8	19
135	Influence of post-insemination nutrition on embryonic development in beef heifers. Theriogenology, 2017, 90, 185-190.	0.9	19
136	Morphologic and histologic comparisons between in vivo and nuclear transfer derived porcine embryos. Molecular Reproduction and Development, 2007, 74, 952-960.	1.0	18
137	Comparison of innate immune responses and somatotropic axis components of Holstein and Montbéliarde-sired crossbred dairy cows during the transition period. Journal of Dairy Science, 2013, 96, 3588-3598.	1.4	18
138	Roles of pattern of secretion of luteinizing hormone and the ovary in attainment of puberty in ewes lambs. Domestic Animal Endocrinology, 1985, 2, 123-132.	0.8	17
139	Seasonal and pulsatile dynamics of thyrotropin and leptin in mares maintained under a constant energy balance. Domestic Animal Endocrinology, 2007, 33, 430-436.	0.8	17
140	Effects of Dietary Energy on Ovarian Function, Estrogen Suppression of Luteinizing Hormone and Follicle-Stimulating Hormone, and Competency of the Gonadotropin Surge1. Biology of Reproduction, 1991, 45, 486-492.	1.2	16
141	Transcriptional regulation of pituitary synthesis and secretion of growth hormone in growing wethers and the influence of zeranol on these mechanismsâ †. Domestic Animal Endocrinology, 2000, 18, 309-324.	0.8	16
142	Effects of oral meloxicam administration to beef cattle receiving lipopolysaccharide administration or vaccination against respiratory pathogens 1. Journal of Animal Science, 2015, 93, 5018-5027.	0.2	16
143	Feeding fat from distillers dried grains with solubles to dairy heifers: II. Effects on metabolic profile. Journal of Dairy Science, 2015, 98, 5709-5719.	1.4	16
144	Effects of rumen-protected methionine and choline supplementation on steroidogenic potential of the first postpartum dominant follicle and expression of immune mediators in Holstein cows. Theriogenology, 2017, 96, 1-9.	0.9	16

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145	Using a keratinase to degrade chicken feathers for improved extraction of glucocorticoids. General and Comparative Endocrinology, 2019, 270, 35-40.	0.8	16
146	Effect of constant infusion of oxytocin on luteal lifespan and oxytocin-induced release of prostaglandin F2α in heifers. Domestic Animal Endocrinology, 1991, 8, 573-585.	0.8	15
147	Loss of the Signature Six Carboxyl Amino Acid Tail from Ovine Interferon-Tau does not Affect Biological Activity1. Biology of Reproduction, 1998, 58, 1463-1468.	1.2	15
148	Endocrine responses of ovariectomized ewes to i.c.v. infusion of urocortin. Journal of Endocrinology, 2001, 171, 517-524.	1.2	15
149	Serum hormone concentrations relative to carcass composition of a random allotment of commercial-fed beef cattle12. Journal of Animal Science, 2007, 85, 267-275.	0.2	15
150	Developmental programming, adiposity, and reproduction in ruminants. Theriogenology, 2016, 86, 120-129.	0.9	15
151	Feed intake and serum GH, LH and cortisol in gilts after intracerebroventricular or intravenous injection of urocortin. Domestic Animal Endocrinology, 2000, 19, 209-221.	0.8	14
152	Metabolic Hormone Profiles and Evaluation of Associations of Metabolic Hormones with Body Fat and Reproductive Characteristics of Angus, Brangus, and Brahman Heifers 1. The Professional Animal Scientist, 2006, 22, 273-282.	0.7	14
153	Effects of level of nutrient intake and age on mammalian target of rapamycin, insulin, and insulin-like growth factor-1 gene network expression in skeletal muscle of young Holstein calves. Journal of Dairy Science, 2014, 97, 383-391.	1.4	14
154	Effects of recombinant bovine somatotropin during the periparturient period on innate and adaptive immune responses, systemic inflammation, and metabolism of dairy cows. Journal of Dairy Science, 2015, 98, 4449-4464.	1.4	14
155	Correlation between the release of ovine trophoblast protein-1 by the conceptus and the production of polypeptides by the maternal endometrium of ewes. Reproduction, 1989, 85, 471-476.	1.1	13
156	Breeding ewes out-of-season using melengestrol acetate, one injection of progesterone, or a controlled internal drug releasing device. Theriogenology, 2001, 56, 105-110.	0.9	13
157	Body composition, leptin, and the leptin receptor and their relationship to the growth hormone (GH) axis in growing wethers treated with zeranol. Domestic Animal Endocrinology, 2003, 24, 243-255.	0.8	13
158	Leptin attenuates the acute effects of centrally administered neuropeptide Y on somatotropin but not gonadotropin secretion in ovariectomized cows. Domestic Animal Endocrinology, 2004, 26, 189-200.	0.8	13
159	Heifers Sired by Bulls with Differing Expected Progeny Differences for Growth and Scrotal Circumference 11 Financial support for this project was made available through the New Mexico Agricultural Experiment Station (Hatch Project 180674) and the NIH-MBRS SCORE and RISE programs. 22 Project was assisted by the Western Education/Extension and Research Activity Committee	0.7	13
160	in Beef Cattle Breeding Research (WERA-1) and The Professional Animal Scientist, 2006, 22, 48-58. Body mass and mast abundance influence foraging ecology of the American black bear (Ursus) Tj ETQq0 0 0 rgBT	/8verlock	10 Tf 50 14
161	Aberrant Hormone Balance in Fetal Autoimmune NZB/W Mice Following Prenatal Exposure to Testosterone Excess or the Androgen Blocker Flutamide1. Biology of Reproduction, 1995, 53, 1190-1197.	1.2	12
162	Differential effects of leptin administration on the abundance of UCP2 and glucocorticoid action during neonatal development. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E1093-E1100.	1.8	12

#	Article	IF	Citations
163	Relationship of leptin concentrations with feed intake, growth, and efficiency in finishing beef steers. Journal of Animal Science, 2015, 93, 4401-4407.	0.2	12
164	Growth of the conceptus from day 33 to 45 of pregnancy is minimally associated with concurrent hormonal or metabolic status in postpartum dairy cows. Animal Reproduction Science, 2016, 168, 10-18.	0.5	12
165	Effects of treatment of periparturient dairy cows with recombinant bovine somatotropin on health and productive and reproductive parameters. Journal of Dairy Science, 2017, 100, 3126-3142.	1.4	12
166	Relationship between in vitro somatotroph function and growth in three-week-old barrows. Domestic Animal Endocrinology, 1994, 11, 363-373.	0.8	11
167	Plasma concentrations of growth hormone and insulin-like growth factor-I in prepuberal quarter horses and ponies. Journal of Equine Veterinary Science, 1998, 18, 52-55.	0.4	11
168	Postnatal function of the somatotrophic axis in pigs born naturally or by caesarian section. Domestic Animal Endocrinology, 2000, 19, 39-52.	0.8	11
169	Reproductive Performance of Beef Heifers Supplemented with Corn Gluten Feed and Rumen-Protected Fat before Breeding. The Professional Animal Scientist, 2007, 23, 316-324.	0.7	11
170	Onset of puberty and the inflection point of the growth curve in sheep–ÂBrody's Law revisited. Journal of Agricultural Science, 2008, 146, 239-250.	0.6	11
171	Metabolic status, gonadotropin secretion, and ovarian function during acute nutrient restriction of beef heifers1,2. Journal of Animal Science, 2013, 91, 4146-4157.	0.2	11
172	Duration of maternal undernutrition differentially alters fetal growth and hormone concentrations. Domestic Animal Endocrinology, 2015, 51, 1-7.	0.8	11
173	Concentration of tissue inhibitor of metalloproteinases (TIMP)-1 in ovine follicular fluid and serum Journal of Animal Science, 1997, 75, 3255.	0.2	10
174	Ovarian Follicular Responses to High Doses of Pulsatile Luteinizing Hormone in Lactating Dairy Cattle. Journal of Dairy Science, 2003, 86, 1963-1969.	1.4	10
175	Effects of a high-protein, low-energy diet in finishing lambs: 1. Feed intake, estimated nutrient uptake, and levels of plasma metabolites and metabolic hormones. Livestock Science, 2006, 101, 262-277.	0.6	10
176	Dynamics of GHRH in third-ventricle cerebrospinal fluid of cattle: Relationship with serum concentrations of GH and responses to appetite-regulating peptides. Domestic Animal Endocrinology, 2009, 37, 196-205.	0.8	10
177	Synthesis and secretion of ovine placental lactogen and its biochemical properties. Domestic Animal Endocrinology, 1990, 7, 331-342.	0.8	9
178	Estrogen Agonist (Zeranol) Treatment in a Castrated Male Lamb Model: Effects on Growth and Bone Mineral Accretion. Journal of Bone and Mineral Research, 2000, 15, 1361-1367.	3.1	9
179	Endocrine responses in mares undergoing abrupt changes in nutritional management. Journal of Animal Science, 2006, 84, 2700-2707. Evaluation of the endocrine response of cattle during the relocation process⠆⠆⠆ †â † † The U.S. Department of	0.2	9
180	Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or		

#	Article	IF	CITATIONS
181	Maintenance of brucellosis in Yellowstone bison: linking seasonal food resources, host–pathogen interaction, and lifeâ€history tradeâ€offs. Ecology and Evolution, 2015, 5, 3783-3799.	0.8	9
182	Identification of California Condor Estrogen Receptors 1 and 2 and Their Activation by Endocrine Disrupting Chemicals. Endocrinology, 2015, 156, 4448-4457.	1.4	9
183	Prepubertal and peripubertal changes in secretory patterns of LH and FSH in beef heifers. Animal Reproduction Science, 1987, 14, 85-93.	0.5	8
184	Effects of domperidone and thyrotropin-releasing hormone on secretion of luteinizing hormone and prolactin during the luteal phase and following induction of luteal regression in sheep. Domestic Animal Endocrinology, 1987, 4, 95-102.	0.8	8
185	Effect of dietary lipoic acid on metabolic hormones and acute-phase proteins during challenge with infectious bovine rhinotracheitis virus in cattle. American Journal of Veterinary Research, 2006, 67, 1192-1198.	0.3	8
186	Effects of acute fasting and age on leptin and peroxisome proliferator-activated receptor gamma production relative to fat depot in immature and mature pigs. Journal of Animal Physiology and Animal Nutrition, 2010, 94, e266-e276.	1.0	8
187	Use of different levels of ground endophyte-infected tall fescue seed during heat stress to separate characteristics of fescue toxicosis1. Journal of Animal Science, 2012, 90, 3457-3467.	0.2	8
188	Regional differences in the fescue toxicosis response of Bos taurus cattle. International Journal of Biometeorology, 2015, 59, 385-396.	1.3	8
189	Expression of the bovine oestrogen receptor \hat{l}^2 (bER \hat{l}^2) messenger ribonucleic acid (mRNA) during the first ovarian follicular wave and lack of change in the expression of bER \hat{l}^2 mRNA of second wave follicles after LH infusion into cows. Animal Reproduction Science, 2001, 67, 159-169.	0.5	7
190	CORRELATIONS BETWEEN SERUM CONCENTRATIONS OF LEPTIN AND BEEF CARCASS COMPOSITION AND QUALITY. Journal of Muscle Foods, 2003, 14, 81-87.	0.5	7
191	Short communication: Growth hormone receptor expression in two dairy breeds during the periparturient period. Journal of Dairy Science, 2009, 92, 2706-2710.	1.4	7
192	Yin Yang 1 and Adipogenic Gene Network Expression in Longissimus Muscle of Beef Cattle in Response to nutritional Management. Gene Regulation and Systems Biology, 2013, 7, GRSB.S11783.	2.3	7
193	Preweaning mortality in group-housed lactating sows: Hormonal differences between high risk and low risk sows. Journal of Animal Science, 2014, 92, 2603-2611.	0.2	7
194	Effect of anthelmintic treatment on sexual maturation in prepubertal beef heifers Journal of Animal Science, 1999, 77, 736.	0.2	6
195	Effects of a high-protein, low-energy diet in finishing lambs: 2. Weight change, organ mass, body composition, carcass traits, fatty acid composition of lean and adipose tissue, and taste panel evaluation. Livestock Science, 2006, 101, 278-293.	0.6	6
196	Short communication: Test for nonpregnancy in dairy cows based on plasma progesterone concentrations before and after timed artificial insemination. Journal of Dairy Science, 2016, 99, 5858-5865.	1.4	6
197	Tissue-specific effects of leptin administration on the abundance of mitochondrial proteins during neonatal development. Journal of Endocrinology, 2005, 187, 81-88.	1.2	5
198	Effect of melengestrol acetate (MGA) treatment or temporary kid removal on reproductive efficiency in meat goats. Small Ruminant Research, 2006, 66, 253-257.	0.6	5

#	Article	IF	Citations
199	Interactive in vitro effect of prolactin, growth hormone and season on leptin secretion by ovine adipose tissue. Small Ruminant Research, 2011, 100, 177-183.	0.6	5
200	Feeding distillers dried grains in replacement of forage in limit-fed dairy heifer rations: Effects on metabolic profile and onset of puberty. Journal of Dairy Science, 2017, 100, 2591-2602.	1.4	5
201	Sheep Breeding Strategies. , 2007, , 649-661.		4
202	Milk leptin in sows and blood leptin and growth of their offspring 1,2. Journal of Animal Science, 2009, 87, 1659-1663.	0.2	4
203	Prepubertal tamoxifen treatment affects development of heifer reproductive tissues and related signaling pathways. Journal of Dairy Science, 2016, 99, 5780-5792.	1.4	4
204	Low protein intake during the preconception period in beef heifers affects offspring and maternal behaviour. Applied Animal Behaviour Science, 2019, 215, 1-6.	0.8	4
205	A serologic survey in ewes treated with one of two Chlamydia/Campylobacter vaccines. Small Ruminant Research, 1989, 2, 345-358.	0.6	3
206	The effects of filiform appendage removal on semen collection in the ram. Theriogenology, 1991, 35, 309-316.	0.9	3
207	Induction of pulsatile secretion of leptin in horses following thyroidectomy. Journal of Endocrinology, 2007, 192, 353-359.	1.2	3
208	Impact of visual, olfactory, and auditory cues on circulating concentrations of ghrelin in wethers1. Journal of Animal Science, 2015, 93, 3886-3890.	0.2	3
209	Increased body condition score through increased lean muscle, but not fat deposition, is associated with reduced reproductive response to oestrus induction in beef cows. Animal, 2016, 10, 1706-1713.	1.3	3
210	Effect of copulation on estrus duration, LH response, and ovulation in Boer goats. Theriogenology, 2018, 121, 62-66.	0.9	3
211	Leptin Decreases Angiogenic Factors in the Developing Porcine Corpus Luteum Biology of Reproduction, 2009, 81, 578-578.	1.2	3
212	Interaction of dietary energy source and body weight gain during the juvenile period on metabolic endocrine status and age at puberty in beef heifers. Journal of Animal Science, 2017, 95, 2080.	0.2	3
213	Methscopolamine bromide blocks hypothalamic-stimulated release of growth hormone in ewes Journal of Animal Science, 1997, 75, 1359.	0.2	2
214	Effect of insulin on feed intake and reproductive performance of well-nourished nulliparous ewes. Theriogenology, 2000, 54, 1049-1054.	0.9	2
215	Tissue cell stress response to obesity and its interaction with late gestation diet. Reproduction, Fertility and Development, 2018, 30, 430.	0.1	2
216	Endocrine and endometrial secretory protein changes associated with uterine receptivity in sheep. Domestic Animal Endocrinology, 1993, 10, 117-126.	0.8	1

#	Article	IF	CITATIONS
217	Growth and Plasma Leptin in Yearling Mares Fed a High-Fat Supplemented Diet. Equine and Comparative Exercise Physiology, 2006, 3, 137-141.	0.4	1
218	Two days of pulsatile GnRH infusion beginning 4 days before weaning in sows initiates a wave of follicular growth that is not sustained after weaning. Animal Reproduction Science, 2007, 102, 158-164.	0.5	1
219	Reproductive Performance of Beef Cows Fed Whole Soybeans Before the Breeding Interval. The Professional Animal Scientist, 2008, 24, 639-647.	0.7	1
220	The effects of lipoic acid supplementation on blood glucose and insulin concentrations in pony mares1. The Professional Animal Scientist, 2012, 28, 632-638.	0.7	1
221	Effects of prepartum plane of nutrition during mid- or late gestation on beef cow body weight, body condition score, blood hormone concentrations and preimplantation embryo. Italian Journal of Animal Science, 2016, 15, 264-274.	0.8	1
222	Time of copulation during estrus period on estrus duration and LH response in Boer goats. Domestic Animal Endocrinology, 2019, 68, 106-110.	0.8	1
223	Relationship among serum metabolic hormones with pregnancy rates to fixed-time artificial insemination in Bos indicus beef females. Livestock Science, 2021, 245, 104451.	0.6	1
224	Dietary Treatments That Facilitate Early Onset of Puberty in Heifers Alter Gene Expression in the Arcuate Nucleus Biology of Reproduction, 2009, 81, 489-489.	1.2	1
225	Accelerated Body Weight Gain During the Juvenile Period Reduces Neuropeptide Y Close Contacts with GnRH Neurons in Heifers Biology of Reproduction, 2011, 85, 191-191.	1.2	1
226	Prolactin and Autoimmunity: Influences of Prolactin in Systemic Lupus Erythematosus., 1994,, 125-135.		1
227	The role of leptin in nutritional status and reproductive function. Bioscientifica Proceedings, 0, , .	1.0	1
228	Lack of effects of indomethacin on estradiol feedback control of luteinizing hormone in ovariectomized ewes. Domestic Animal Endocrinology, 1993, 10, 15-19.	0.8	0
229	Effects of ivermectin on reproductive functions in ewes2. Journal of Animal Science, 1993, 71, 2293-2296.	0.2	0
230	Effect of intrauterine infusion of recombinant bovine interferon $\hat{l}\pm l1$ on luteal phase duration and oxytocin-induced release of 13,14-dihydro-15-keto-prostaglandin F2 $\hat{l}\pm$ in postpartum beef cows. Animal Reproduction Science, 1995, 40, 193-201.	0.5	0
231	Effect of chronic leptin administration on UCP1 expression in neonatal lambs. Biochemical Society Transactions, 2001, 29, A121-A121.	1.6	0
232	Hourly measurement of plasma leptin and cortisol concentrations in non-pregnant ewes under group housing conditions over 23 hours. Proceedings of the British Society of Animal Science, 2002, 2002, 89-89.	0.0	0
233	Erratum to "Peripartum responses of dairy cows to prepartal feeding level and dietary fatty acid source―(J. Dairy Sci. 94:917–930). Journal of Dairy Science, 2011, 94, 3212.	1.4	0
234	The effects of lipoic acid supplementation on blood glucose, insulin, and leptin concentrations in pony mares. Journal of Equine Veterinary Science, 2011, 31, 250-251.	0.4	0

#	Article	IF	CITATIONS
235	PGF2 Alpha Decreases Leptin Gene Expression in Bovine Adipocytes Relative to Stage of the Estrous Cycle and Presence of Progesterone Biology of Reproduction, 2009, 81, 360-360.	1.2	o
236	Biostimulatory Effect of Bulls on Temporal Patterns of Leptin Concentrations and Resumption of Luteal Activity in Primiparous, Postpartum, Anestrous, Beef Cows Biology of Reproduction, 2009, 81, 261-261.	1.2	0
237	Effects of Season and Milk Source on Endocrine and Metabolic Parameters and Age at Puberty in Developing Meat Goat Doelings Biology of Reproduction, 2009, 81, 260-260.	1.2	0
238	Blocking Ovarian Leptin Increases Abnormal Luteal Formation in the Caprine Species Biology of Reproduction, 2010, 83, 230-230.	1.2	0
239	Value of Protein Supplementation for Lambs and Meat Goat Kids Grazing Bermudagrass in Central Oklahoma. Journal of Animal and Veterinary Advances, 2011, 10, 2582-2587.	0.1	0
240	Leptin Is Involved in Normal Luteal Development Biology of Reproduction, 2012, 87, 187-187.	1.2	0
241	Accelerated Body Weight Gain During the Juvenile Period as a Model to Assess NPY and Kisspeptin Control of Puberty in Heifers Biology of Reproduction, 2012, 87, 481-481.	1.2	0
242	178 IS PROGESTERONE THE DETERMINING REGULATORY FACTOR BEHIND OVULATION RATE IN EWES?. Reproduction, Fertility and Development, 2015, 27, 180.	0.1	0
243	PSII-37 Program Chair Poster Pick: The effect of glucocorticoids on circulating plasma concentrations of ghrelin in sheep. Journal of Animal Science, 2020, 98, 377-378.	0.2	O