Lawrence P Reynolds

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5668682/publications.pdf

Version: 2024-02-01

243 papers	9,686 citations	36691 53 h-index	56606 87 g-index
250 all docs	250 docs citations	250 times ranked	5950 citing authors

#	Article	IF	Citations
1	Nutritional Regulation of Embryonic Survival, Growth, and Development. Advances in Experimental Medicine and Biology, 2022, 1354, 63-76.	0.8	19
2	Untangling the placentome gene network of beef heifers in early gestation. Genomics, 2022, 114, 110274.	1.3	3
3	Bovine Animal Model for Studying the Maternal Microbiome, in utero Microbial Colonization and Their Role in Offspring Development and Fetal Programming. Frontiers in Microbiology, 2022, 13, 854453.	1.5	13
4	Epigenetic Modifier Supplementation Improves Mitochondrial Respiration and Growth Rates and Alters DNA Methylation of Bovine Embryonic Fibroblast Cells Cultured in Divergent Energy Supply. Frontiers in Genetics, 2022, 13, 812764.	1.1	8
5	Meats as part of a healthy diet of nutrient-dense foods during pregnancy and lactation. American Journal of Obstetrics and Gynecology, 2022, , .	0.7	0
6	DNA methylation dataset of bovine embryonic fibroblast cells treated with epigenetic modifiers and divergent energy supply. Data in Brief, 2022, 42, 108074.	0.5	2
7	Vitamin and Mineral Supplementation and Rate of Gain in Beef Heifers I: Effects on Dam Hormonal and Metabolic Status, Fetal Tissue and Organ Mass, and Concentration of Glucose and Fructose in Fetal Fluids at d 83 of Gestation. Animals, 2022, 12, 1757.	1.0	14
8	Vitamin and mineral supplementation and rate of gain during the first trimester of gestation affect concentrations of amino acids in maternal serum and allantoic fluid of beef heifers. Journal of Animal Science, 2021, 99, .	0.2	21
9	Cerebrum, liver, and muscle regulatory networks uncover maternal nutrition effects in developmental programming of beef cattle during early pregnancy. Scientific Reports, 2021, 11, 2771.	1.6	26
10	Maternal Vitamin and Mineral Supplementation and Rate of Maternal Weight Gain Affects Placental Expression of Energy Metabolism and Transport-Related Genes. Genes, 2021, 12, 385.	1.0	26
11	82 Methyl Donor Supplementation Alters Cytosine Methylation and Biological Processes of Cells Cultured in Divergent Glucose Media Reflecting Improvements in Mitochondrial Respiration and Cell Growth Rate. Journal of Animal Science, 2021, 99, 109-109.	0.2	1
12	PSIII-6 Gene Expression Profile of Beef Heifer Placental Caruncles Is Affected by Pre-breeding and Early Gestation Micronutrient Supplementation. Journal of Animal Science, 2021, 99, 157-158.	0.2	0
13	Programming of Embryonic Development. International Journal of Molecular Sciences, 2021, 22, 11668.	1.8	15
14	Effects of maternal nutrition and rumen-protected arginine supplementation on maternal carotid artery hemodynamics and circulating amino acids of ewes and offspring. Journal of Animal Science, 2021, 99, .	0.2	1
15	The effects of maternal nutrition during the first 50 d of gestation on the location and abundance of hexose and cationic amino acid transporters in beef heifer uteroplacental tissues. Journal of Animal Science, 2021, 99, .	0.2	8
16	Characterization of the Microbiota Associated With 12-Week-Old Bovine Fetuses Exposed to Divergent in utero Nutrition. Frontiers in Microbiology, 2021, 12, 771832.	1.5	16
17	Maternal periconceptual nutrition, early pregnancy, and developmental outcomes in beef cattle. Journal of Animal Science, 2020, 98, .	0.2	32
18	Rumen-protected arginine in ewe lambs: effects on circulating serum amino acids and carotid artery hemodynamics. Journal of Animal Science, 2020, 98, .	0.2	6

#	Article	IF	Citations
19	Influence of corn supplementation to beef cows during mid- to late-gestation: maternal feed intake, body condition, plasma metabolites, and calf growth. Livestock Science, 2020, 240, 104142.	0.6	7
20	The effects of maternal nutrient restriction and day of early pregnancy on the location and abundance of neutral amino acid transporters in beef heifer utero-placental tissues. Journal of Animal Science, 2020, 98, .	0.2	10
21	218 Effects of feeding a vitamin and mineral supplement and (or) an energy supplement on concentrations of amino acids in beef heifer serum and fetal fluids at d 83 of gestation. Journal of Animal Science, 2020, 98, 151-152.	0.2	1
22	Effects of fetal and maternal genotype on placentome morphology in sheep. Theriogenology, 2020, 158, 283-289.	0.9	1
23	406 Maternal nutrition during early gestation: Impacts on developmental outcomes. Journal of Animal Science, 2020, 98, 201-202.	0.2	1
24	PSVIII-37 Late-Breaking Abstract: Effects of feeding a vitamin and mineral supplement and (or) an energy supplement on the abundance of SLC7A5 transporter in beef heifer placentomes at d 83 of gestation. Journal of Animal Science, 2020, 98, 346-347.	0.2	1
25	PSXII-26 Maternal energy restriction in early gestation affects MYOG network topology of bovine skeletal muscle. Journal of Animal Science, 2020, 98, 241-241.	0.2	0
26	PSVI-23 Effects of a vitamin and mineral supplement and an energy supplement on concentrations of glucose and non-esterified fatty acids in artificially inseminated beef heifers up to d 84 post-insemination. Journal of Animal Science, 2020, 98, 218-218.	0.2	0
27	PSII-31 Effects of restricted dietary intake on protein expression of oviductal glycoprotein 1 (OVGP1) in the oviductal ampulla of beef cows. Journal of Animal Science, 2020, 98, 376-376.	0.2	2
28	201 Effects of feeding vitamin and mineral and (or) energy supplements to beef heifers during the first 83 days of gestation on progesterone concentrations, corpus luteum size, and fetal body measurements. Journal of Animal Science, 2020, 98, 161-162.	0.2	3
29	Maternal nutrition and programming of offspring energy requirements1. Translational Animal Science, 2019, 3, 976-990.	0.4	41
30	Developmental Programming of Fetal Growth and Development. Veterinary Clinics of North America - Food Animal Practice, 2019, 35, 229-247.	0.5	83
31	Moderate nutrient restriction of beef heifers alters expression of genes associated with tissue metabolism, accretion, and function in fetal liver, muscle, and cerebrum by day 50 of gestation1. Translational Animal Science, 2019, 3, 855-866.	0.4	34
32	One-carbon metabolite supplementation improves growth of bovine embryonic fibroblasts cultured in divergent glucose media. Translational Animal Science, 2019, 3, 1705-1709.	0.4	3
33	452 The importance of animals to food security and agricultural sustainability. Journal of Animal Science, 2019, 97, 181-182.	0.2	2
34	Maternal nutrition and stage of early pregnancy in beef heifers: impacts on hexose and AA concentrations in maternal and fetal fluids1. Journal of Animal Science, 2019, 97, 1296-1316.	0.2	32
35	Placental development during early pregnancy in sheep: nuclear estrogen and progesterone receptor mRNA expression in the utero-placental compartments. Domestic Animal Endocrinology, 2019, 66, 27-34.	0.8	8
36	Serum and tissue pregnanes and pregnenes after dexamethasone treatment of cows in late gestation. Reproduction, 2019, 157, 413-422.	1.1	10

#	Article	IF	Citations
37	Ovine placental steroid synthesis and metabolism in late gestationâ€. Biology of Reproduction, 2018, 99, 662-670.	1.2	9
38	Placental development during early pregnancy in sheep: Progesterone and estrogen receptor protein expression. Theriogenology, 2018, 114, 273-284.	0.9	19
39	The effects of nutrient restriction on mRNA expression of endogenous retroviruses, interferon-tau, and pregnancy-specific protein-B during the establishment of pregnancy in beef heifers1. Journal of Animal Science, 2018, 96, 950-963.	0.2	5
40	Corn supplementation as a winter-feeding strategy alters maternal feeding behavior and endocrine profiles in mid- to late-gestating beef cows1. Translational Animal Science, 2018, 2, S106-S111.	0.4	2
41	Placental Angiogenesis. , 2018, , 521-529.		1
42	Effects of maternal nutrition and rumen-protected arginine supplementation on ewe performance and postnatal lamb growth and internal organ mass1. Journal of Animal Science, 2018, 96, 3471-3481.	0.2	24
43	Gap junctional connexin messenger RNA expression in the ovine uterus and placenta: effects of estradiol-17Î²-treatment, early pregnancy stages, and embryo origin. Domestic Animal Endocrinology, 2017, 58, 104-112.	0.8	11
44	The effects of maternal nutrition on the messenger ribonucleic acid expression of neutral and acidic amino acid transporters in bovine uteroplacental tissues from day sixteen to fifty of gestation1. Journal of Animal Science, 2017, 95, 4668-4676.	0.2	11
45	Impacts of maternal nutrition on uterine and placental vascularity and mRNA expression of angiogenic factors during the establishment of pregnancy in beef heifers1. Translational Animal Science, 2017, 1, 160-167.	0.4	15
46	Endogenous retroviral gene elements (syncytin-Rum1 and BERV-K1), interferon-Ï„ and pregnancy associated glycoprotein-1 are differentially expressed in maternal and fetal tissues during the first 50 days of gestation in beef heifers1. Translational Animal Science, 2017, 1, 239-249.	0.4	4
47	Maternal nutrition and stage of early pregnancy in beef heifers: Impacts on expression of glucose, fructose, and cationic amino acid transporters in utero-placental tissues 1. Journal of Animal Science, 2017, 95, 5563-5572.	0.2	18
48	Livestock as models for developmental programming. Animal Frontiers, 2017, 7, 12-17.	0.8	20
49	Epigenetics and Developmental Programming in Ruminants: Long-Term Impacts on Growth and Development. , 2017, , 85-121.		7
50	Nutrient transporters in bovine uteroplacental tissues on days sixteen to fifty of gestation1. Journal of Animal Science, 2016, 94, 4738-4747.	0.2	7
51	RAPID COMMUNICATION: Expression of an endogenous retroviral element, syncytin-Rum1, during early gestation in beef heifers1. Journal of Animal Science, 2016, 94, 4452-4456.	0.2	5
52	TRIENNIAL REPRODUCTION SYMPOSIUM: Developmental programming of fertility1. Journal of Animal Science, 2016, 94, 2699-2704.	0.2	10
53	Technical note: A new surgical technique for ovariohysterectomy during early pregnancy in beef heifers1. Journal of Animal Science, 2016, 94, 5089-5096.	0.2	25
54	Impacts of supplemental arginine on the reproductive performance of fall lambing ewes1. Journal of Animal Science, 2016, 94, 3540-3549.	0.2	9

#	Article	IF	Citations
55	Placental development during early pregnancy: Effects of embryo origin on expression of chemokine ligand twelve (CXCL12). Placenta, 2016, 43, 77-80.	0.7	16
56	Maternal environment and placental vascularization in small ruminants. Theriogenology, 2016, 86, 288-305.	0.9	32
57	Wombs with a View. , 2016, , .		5
58	RAPID COMMUNICATION: Isolation of glucose transporters GLUT3 and GLUT14 in bovine uteroplacental tissues from days 16 to 50 of gestation1. Journal of Animal Science, 2016, 94, 4463-4469.	0.2	10
59	Fertilization and Embryology. , 2016, , 265-334.		0
60	Placental development during early pregnancy in sheep: estrogen and progesterone receptor messenger RNA expression in pregnancies derived from inÂvivoâ€“produced and inÂvitroâ€“produced embryos. Domestic Animal Endocrinology, 2015, 53, 60-69.	0.8	21
61	Undernutrition and stage of gestation influence fetal adipose tissue gene expression. Journal of Molecular Endocrinology, 2015, 54, 263-275.	1.1	23
62	Ferns to fulfillment. Science, 2015, 347, 383-383.	6.0	0
63	Importance of Animals in Agricultural Sustainability and Food Security ,. Journal of Nutrition, 2015, 145, 1377-1379.	1.3	50
64	Maternal nutrient restriction during pregnancy impairs an endothelium-derived hyperpolarizing factor-like pathway in sheep fetal coronary arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H134-H142.	1.5	19
65	Activation of the CXCL12/CXCR4 signaling axis may drive vascularization of the ovine placenta. Domestic Animal Endocrinology, 2014, 47, 11-21.	0.8	32
66	Ovarian and uterine characteristics and onset of puberty in adolescent offspring: Effects of maternal diet and selenium supplementation in sheep. Theriogenology, 2014, 81, 887-895.	0.9	13
67	CELL BIOLOGY SYMPOSIUM: The immune system in pregnancy1,2. Journal of Animal Science, 2014, 92, 1832-1833.	0.2	0
68	Prion (PrPC) expression in ovine uteroplacental tissues increases after estrogen treatment of ovariectomized ewes and during early pregnancy. Reproduction, 2014, 148, 1-10.	1.1	14
69	Dietary selenium and nutritional plane alter specific aspects of maternal endocrine status during pregnancy and lactation. Domestic Animal Endocrinology, 2014, 46, 1-11.	0.8	31
70	Placental Vascular Defects in Compromised Pregnancies: Effects of Assisted Reproductive Technologies and Other Maternal Stressors. Advances in Experimental Medicine and Biology, 2014, 814, 193-204.	0.8	28
71	Placental development during early pregnancy in sheep: effects of embryo origin on vascularization. Reproduction, 2014, 147, 639-648.	1.1	38
72	Mammary gland growth and vascularity at parturition and during lactation in primiparous ewes fed differing levels of selenium and nutritional plane during gestation. Journal of Animal Science and Biotechnology, 2013, 4, 6.	2.1	8

#	Article	IF	Citations
73	Vascular perfusion with fluorescent labeled lectin to study ovarian functions. Acta Histochemica, 2013, 115, 893-898.	0.9	8
74	Maternal dietary intake alters organ mass and endocrine and metabolic profiles in pregnant ewe lambs. Animal Reproduction Science, 2013, 141, 131-141.	0.5	24
75	Placental development during early pregnancy in sheep: Effects of embryo origin on fetal and placental growth and global methylation. Theriogenology, 2013, 79, 94-102.	0.9	34
76	Thyroid Hormones and Cortisol Concentrations in Offspring are Influenced by Maternal Supranutritional Selenium and Nutritional Plane in Sheep. Nutrition and Metabolic Insights, 2013, 6, NMI.S11332.	0.8	4
77	Maternal nutritional plane and selenium supply during gestation impact visceral organ mass and intestinal growth and vascularity of neonatal lamb offspring1. Journal of Animal Science, 2013, 91, 2628-2639.	0.2	20
78	Impacts of maternal selenium supply and nutritional plane on visceral tissues and intestinal biology in 180-day-old offspring in sheep1. Journal of Animal Science, 2013, 91, 2229-2242.	0.2	22
79	Maternal Stress and Placental Vascular Function and Remodeling. Current Vascular Pharmacology, 2013, 11, 564-593.	0.8	38
80	Effects of maternal plane of nutrition and increased dietary selenium in first-parity ewes on inflammatory response in the ovine neonatal gut1. Journal of Animal Science, 2012, 90, 325-333.	0.2	3
81	Neonatal hormone changes and growth in lambs born to dams receiving differing nutritional intakes and selenium supplementation during gestation. Reproduction, 2012, 144, 23-35.	1.1	13
82	Impacts of linseed meal and estradiol-17Î² on cellularity, angiogenic and vasoactive factor mRNA expression, and vascularity of the uterus in ovariectomized ewes. Canadian Journal of Animal Science, 2012, 92, 297-306.	0.7	4
83	Overfeeding and underfeeding have detrimental effects on oocyte quality measured by in vitro fertilization and early embryonic development in sheep. Domestic Animal Endocrinology, 2012, 43, 289-298.	0.8	56
84	Effects of nutritional plane and selenium supply during gestation on visceral organ mass and indices of intestinal growth and vascularity in primiparous ewes at parturition and during early lactation1. Journal of Animal Science, 2012, 90, 2733-2749.	0.2	23
85	Letter to the Editor: Animal scientists urge NIH and USDA-NIFA to continue Dual Purpose with Dual Benefit program. Journal of Animal Science, 2012, 90, 4679-4680.	0.2	1
86	Role of the pre- and post-natal environment in developmental programming of health and productivity. Molecular and Cellular Endocrinology, 2012, 354, 54-59.	1.6	92
87	Decreasing maternal nutrient intake during the final third of pregnancy in previously overnourished adolescent sheep: Effects on maternal nutrient partitioning and feto-placental development. Placenta, 2012, 33, 114-121.	0.7	13
88	Supranutritional selenium increases mammary gland vascularity in postpartum ewe lambs. Journal of Dairy Science, 2011, 94, 2850-2858.	1.4	19
89	Expression of gap junctional connexin proteins in ovine fetal ovaries: Effects of maternal diet. Domestic Animal Endocrinology, 2011, 41, 185-194.	0.8	13
90	Maternal selenium supplementation and timing of nutrient restriction in pregnant sheep: Impacts on nutrient availability to the fetus1. Journal of Animal Science, 2011, 89, 59-76.	0.2	15

#	Article	IF	Citations
91	Placental development during early pregnancy in sheep: cell proliferation, global methylation, and angiogenesis in the fetal placenta. Reproduction, 2011, 141, 529-540.	1.1	66
92	Nutritional plane and selenium supply during gestation affect yield and nutrient composition of colostrum and milk in primiparous ewes1. Journal of Animal Science, 2011, 89, 1627-1639.	0.2	70
93	Maternal nutrition during pregnancy influences offspring wool production and wool follicle development1. Journal of Animal Science, 2011, 89, 3819-3823.	0.2	6
94	Effects of maternal selenium supply and plane of nutrition during gestation on passive transfer of immunity and health in neonatal lambs1. Journal of Animal Science, 2011, 89, 3690-3698.	0.2	32
95	Perfusion Method to Study Angiogenesis and Expression of Regulatory Factors in Ovaries.. Biology of Reproduction, 2011, 85, 214-214.	1.2	0
96	Expression of Gap Junctional Proteins Connexin (Cx) in Ovine Utero-Placental Tissues During Early Pregnancy: Effects of Assisted Reproductive Technology.. Biology of Reproduction, 2011, 85, 454-454.	1.2	0
97	Liver iron status and associated haematological parameters in relation to fetal growth and pregnancy outcome in rapidly growing adolescent sheep carrying a singleton lamb derived by embryo transfer. Reproduction, Fertility and Development, 2010, 22, 1230.	0.1	4
98	Maternal selenium supplementation and timing of nutrient restriction in pregnant sheep: Effects on maternal endocrine status and placental characteristics1. Journal of Animal Science, 2010, 88, 955-971.	0.2	41
99	Maternal and fetal microvasculature in sheep placenta at several stages of gestation. Journal of Anatomy, 2010, 216, 292-300.	0.9	27
100	â€˜Placental programmingâ€™: more may still be less. Journal of Physiology, 2010, 588, 393-393.	1.3	10
101	Effects of plane of nutrition and selenium supply during gestation on ewe and neonatal offspring performance, body composition, and serum selenium1. Journal of Animal Science, 2010, 88, 1786-1800.	0.2	63
102	Developmental programming: The concept, large animal models, and the key role of uteroplacental vascular development1,2. Journal of Animal Science, 2010, 88, E61-E72.	0.2	151
103	Ovine offspring growth and diet digestibility are influenced by maternal selenium supplementation and nutritional intake during pregnancy despite a common postnatal diet1. Journal of Animal Science, 2010, 88, 3645-3656.	0.2	33
104	Maternal dietary restriction and selenium supply alters messenger ribonucleic acid expression of angiogenic factors in maternal intestine, mammary gland, and fetal jejunal tissues during late gestation in pregnant ewe lambs1. Journal of Animal Science, 2010, 88, 2692-2702.	0.2	27
105	Some historical aspects of understanding placental development, structure and function. International Journal of Developmental Biology, 2010, 54, 237-255.	0.3	36
106	Placental development during early pregnancy in sheep: vascular growth and expression of angiogenic factors in maternal placenta. Reproduction, 2010, 140, 165-174.	1.1	78
107	Uteroplacental vascular development and placental function: an update. International Journal of Developmental Biology, 2010, 54, 355-366.	0.3	146
108	Effects of stage of gestation and nutrient restriction during early to mid-gestation on maternal and fetal visceral organ mass and indices of jejunal growth and vascularity in beef cows1. Journal of Animal Science, 2010, 88, 2410-2424.	0.2	64

#	Article	IF	Citations
109	Impacts of maternal selenium and nutritional level on growth, adiposity, and glucose tolerance in female offspring in sheep. Domestic Animal Endocrinology, 2010, 39, 240-248.	0.8	30
110	Cotyledonary responses to maternal selenium and dietary restriction may influence alterations in fetal weight and fetal liver glycogen in sheep. Animal Reproduction Science, 2010, 117, 216-225.	0.5	23
111	Effects of Maternal Plane of Nutrition, Placental Tissue Type, and Stage of Gestation on 3B-Hydroxysteroid Dehydrogenase, 17A-Hydroxylase, and Aromatase Activity of Sheep Placenta.. Biology of Reproduction, 2010, 83, 121-121.	1.2	0
112	Perspectives: The decline of domestic animal research in agriculture and biomedicine. Journal of Animal Science, 2009, 87, 4181-4182.	0.2	7
113	Maternal and fetal tissue selenium loads in nulliparous ewes fed supranutritional and excessive selenium during mid- to late pregnancy1,2. Journal of Animal Science, 2009, 87, 1828-1834.	0.2	23
114	Effects of maternal nutrition and stage of gestation on body weight, visceral organ mass, and indices of jejunal cellularity, proliferation, and vascularity in pregnant ewe lambs1. Journal of Animal Science, 2009, 87, 222-235.	0.2	33
115	Effects of dietary selenium supply and timing of nutrient restriction during gestation on maternal growth and body composition of pregnant adolescent ewes1. Journal of Animal Science, 2009, 87, 669-680.	0.2	28
116	Commentary on Domestic Animals in Agricultural and Biomedical Research: An Endangered Enterprise. Journal of Nutrition, 2009, 139, 427-428.	1.3	20
117	Cellular proliferation and vascularization in ovine fetal ovaries: effects of undernutrition and selenium in maternal diet. Reproduction, 2009, 137, 699-707.	1.1	52
118	Fetoplacental growth and vascular development in overnourished adolescent sheep at day 50, 90 and 130 of gestation. Reproduction, 2009, 137, 749-757.	1.1	54
119	Antioxidant capacity of 3D human skin EpiDerm^{TM} model: effects of skin moisturizers. International Journal of Cosmetic Science, 2009, 31, 201-208.	1.2	9
120	Estradiol-17Î² and linseed meal interact to alter visceral organ mass and hormone concentrations from ovariectomized ewes. Domestic Animal Endocrinology, 2009, 37, 148-158.	0.8	16
121	Farm Animal Research in Crisis. Science, 2009, 324, 468-469.	6.0	64
122	Influence of Nutrition Level and In Vitro Hypoxia on Expression of Normal Prion Protein (PrPC) mRNA in Placental Tissue Explants from Adolescent Sheep at Day 75 of Pregnancy.. Biology of Reproduction, 2009, 81, 497-497.	1.2	2
123	Placental vascularity and growth factor expression in singleton, twin, and triplet pregnancies in the sheep. Endocrine, 2008, 33, 53-61.	1.1	27
124	Effects of Nutrition and Genotype on Prion Protein (PrPC) Gene Expression in the Fetal and Maternal Sheep Placenta. Placenta, 2008, 29, 422-428.	0.7	2
125	Chapter 10 Methods for Evaluating Uteroplacental Angiogenesis and Their Application Using Animal Models. Methods in Enzymology, 2008, 445, 229-253.	0.4	5
126	Effect of Morphology on Placentome Size, Vascularity, and Vasoreactivity in Late Pregnant Sheep1. Biology of Reproduction, 2008, 79, 976-982.	1.2	47

#	Article	IF	Citations
127	Effects of gestational plane of nutrition and selenium supplementation on mammary development and colostrum quality in pregnant ewe lambs1. Journal of Animal Science, 2008, 86, 2415-2423.	0.2	102
128	Effects of selenium supply and dietary restriction on maternal and fetal metabolic hormones in pregnant ewe lambs1. Journal of Animal Science, 2008, 86, 1254-1262.	0.2	25
129	Impacts of linseed meal and estradiol-17Î² on mass, cellularity, angiogenic factors, and vascularity of the jejunum1. Journal of Animal Science, 2008, 86, 3014-3022.	0.2	11
130	Public discourse concerning swine genetics papers. Journal of Animal Science, 2008, 86, 1033-1034.	0.2	1
131	Effects of level and source of dietary selenium on maternal and fetal body weight, visceral organ mass, cellularity estimates, and jejunal vascularity in pregnant ewe lambs1. Journal of Animal Science, 2008, 86, 890-901.	0.2	41
132	Editorial: â€œBrain drainâ€•and loss of resources jeopardize the continued use of domestic animals for agricultural and biomedical research1. Journal of Animal Science, 2008, 86, 2445-2446.	0.2	11
133	Editorial: The new â€œPerspectivesâ€•subsection of the Journal of Animal Science will initially highlight centennial papers. Journal of Animal Science, 2008, 86, 1709-1710.	0.2	0
134	Role of gap junctions in regulation of progesterone secretion by ovine luteal cells in vitro. Reproduction, 2007, 133, 641-651.	1.1	19
135	Placental Growth Throughout the Last Two Thirds of Pregnancy in Sheep: Vascular Development and Angiogenic Factor Expression1. Biology of Reproduction, 2007, 76, 259-267.	1.2	132
136	Development of Sheep Androgenetic Embryos Is Boosted following Transfer of Male Pronuclei into Androgenetic Hemizygotes. Cloning and Stem Cells, 2007, 9, 374-381.	2.6	11
137	Placental Growth, Angiogenic Gene Expression, and Vascular Development in Undernourished Adolescent Sheep1. Biology of Reproduction, 2007, 77, 351-357.	1.2	20
138	Maternal and Fetal Growth, Body Composition, Endocrinology, and Metabolic Status in Undernourished Adolescent Sheep1. Biology of Reproduction, 2007, 77, 343-350.	1.2	55
139	Increased expression of Î²1-subunits enhances the role of BKCa in NTG-induced relaxation of nitrate tolerant arteries. Journal of Molecular and Cellular Cardiology, 2007, 42, S220.	0.9	0
140	Vascularity and expression of angiogenic factors in bovine dominant follicles of the first follicular wave1. Journal of Animal Science, 2007, 85, 1914-1922.	0.2	49
141	Effect of early gestational undernutrition on angiogenic factor expression and vascularity in the bovine placentome. Journal of Animal Science, 2007, 85, 2464-2472.	0.2	92
142	The role of livestock in developing countries. Journal of Animal Science, 2007, 85, 2787-2787.	0.2	0
143	Effect of undegradable intake protein supplementation on intake, digestion, microbial efficiency, in situ disappearance, and plasma hormones and metabolites in steers fed low-quality grass hay1. Journal of Animal Science, 2007, 85, 1092-1101.	0.2	19
144	Effects of selenium supply and dietary restriction on maternal and fetal body weight, visceral organ mass and cellularity estimates, and jejunal vascularity in pregnant ewe lambs1. Journal of Animal Science, 2007, 85, 2721-2733.	0.2	78

#	Article	IF	Citations
145	Placental Abnormalities in Ovine Somatic Cell Clones at Term: A Light and Electron Microscopic Investigation. Placenta, 2007, 28, 577-584.	0.7	27
146	The effect of GnRH, eCG and progestin type on estrous synchronization following laparoscopic AI in ewes. Small Ruminant Research, 2007, 72, 227-231.	0.6	24
147	EXPRESSION OF MRNA FOR ANGIOGENIC FACTORS IN PLACENTAL TISSUES DURING EARLY PREGNANCY IN SHEEP. Biology of Reproduction, 2007, 77, 175-175.	1.2	0
148	Pregnancy rates and gravid uterine parameters in single, twin and triplet pregnancies in naturally bred ewes and ewes after transfer of in vitro produced embryos. Animal Reproduction Science, 2006, 92, 268-283.	0.5	28
149	Editorial: The response of the Society and Journal to accusations of scientific misconduct. Journal of Animal Science, 2006, 84, 1307-1307.	0.2	1
150	Evidence for altered placental blood flow and vascularity in compromised pregnancies. Journal of Physiology, 2006, 572, 51-58.	1.3	291
151	Nutritional Modulation of Adolescent Pregnancy Outcome â€“ A Review. Placenta, 2006, 27, 61-68.	0.7	109
152	Isolation and Characterization of Ovine Luteal Pericytes and Effects of Nitric Oxide on Pericyte Expression of Angiogenic Factors. Endocrine, 2006, 29, 467-476.	2.2	28
153	Gap Junctional Connexin 37 Is Expressed in Sheep Ovaries. Endocrine, 2006, 30, 223-230.	2.2	15
154	Effects of estradiol-17Î² on expression of mRNA for seven angiogenic factors and their receptors in the endometrium of ovariectomized (OVX) ewes. Endocrine, 2006, 30, 333-342.	2.2	49
155	Vascular composition, apoptosis, and expression of angiogenic factors in the corpus luteum during prostaglandin F2Î±-induced regression in sheep. Reproduction, 2006, 131, 1115-1126.	1.1	70
156	Expression of endothelial nitric oxide synthase in the ovine ovary throughout the estrous cycle. Reproduction, 2006, 132, 579-587.	1.1	38
157	Expression of gap junctional connexins 26, 32, and 43 mRNA in ovarian preovulatory follicles and corpora lutea in sheep. Canadian Journal of Physiology and Pharmacology, 2006, 84, 1011-1020.	0.7	18
158	Placental angiogenesis in sheep models of compromised pregnancy. Journal of Physiology, 2005, 565, 43-58.	1.3	126
159	Animal models of placental angiogenesis. Placenta, 2005, 26, 689-708.	0.7	152
160	Efficacy of using a combination of rendered protein products as an undegradable intake protein supplement for lactating, winter-calving, beef cows fed bromegrass hay1. Journal of Animal Science, 2005, 83, 187-195.	0.2	9
161	EndotheliumFocus Issue: Molecular and Cellular Signaling in the Perinatal Cardiovascular System. Endothelium: Journal of Endothelial Cell Research, 2005, 12, 3-4.	1.7	0
162	Influence of Maternal Nutrition on Messenger RNA Expression of Placental Angiogenic Factors and Their Receptors at Midgestation in Adolescent Sheep1. Biology of Reproduction, 2005, 72, 1004-1009.	1.2	91

#	Article	IF	Citations
163	Expression of connexin 43 and gap junctional intercellular communication in the cumulusâ€“oocyte complex in sheep. Reproduction, 2005, 129, 191-200.	1.1	22
164	Functional Significance of Developmental Changes in Placental Microvascular Architecture. Endothelium: Journal of Endothelial Cell Research, 2005, 12, 11-19.	1.7	19
165	Nutritional paradigms of ovine fetal growth restriction: Implications for human pregnancy. Human Fertility, 2005, 8, 179-187.	0.7	37
166	Ovarian follicular development and oocyte quality in anestrous ewes treated with melatonin, a controlled internal drug release (CIDR) device and follicle stimulating hormone. Theriogenology, 2005, 63, 2136-2146.	0.9	15
167	Effect of nutrient intake during pregnancy on fetal and placental growth and vascular development. Domestic Animal Endocrinology, 2004, 27, 199-217.	0.8	205
168	A Modified Presynchronization Protocol Improves Fertility to Timed Artificial Insemination in Lactating Dairy Cows. Journal of Dairy Science, 2004, 87, 1551-1557.	1.4	112
169	Ovulation rate in ewes synchronized with Syncro-Mate-B (SMB) and follicle stimulating hormone. Small Ruminant Research, 2003, 48, 1-8.	0.6	2
170	Effects of epidermal growth factor on early embryonic development after in vitro fertilization of oocytes collected from ewes treated with follicle stimulating hormone. Theriogenology, 2003, 59, 1449-1457.	0.9	34
171	Effects of Aloe vera on Gap Junctional Intercellular Communication and Proliferation of Human Diabetic and Nondiabetic Skin Fibroblasts. Journal of Alternative and Complementary Medicine, 2003, 9, 711-718.	2.1	26
172	Heparinase treatment of RNA before quantitative real-time RT-PCR. BioTechniques, 2003, 35, 1140-1144.	0.8	43
173	Wound healing: The role of growth factors. Drugs of Today, 2003, 39, 787.	2.4	202
174	Effects of basic fibroblast growth factor (FGF-2) on proliferation of human skin fibroblasts in type II diabetes mellitus. Experimental and Clinical Endocrinology and Diabetes, 2002, 110, 176-181.	0.6	38
175	Matrix Metalloproteinase (2, 9, and 14) Expression, Localization, and Activity in Ovine Corpora Lutea Throughout the Estrous Cycle1. Biology of Reproduction, 2002, 66, 1083-1094.	1.2	19
176	Angiogenesis in the female reproductive organs: pathological implications. International Journal of Experimental Pathology, 2002, 83, 151-164.	0.6	153
177	Gap Junctional Intercellular Communication of Bovine Granulosa and Thecal Cells from Antral Follicles: Effects of Luteinizing Hormone and Follicle-Stimulating Hormone. Endocrine, 2002, 18, 261-270.	2.2	29
178	Effects of follicle stimulating hormone (FSH) on follicular development, oocyte retrieval, and in vitro fertilization (IVF) in ewes during breeding season and seasonal anestrus. Theriogenology, 2001, 56, 51-64.	0.9	44
179	Evidence for a Role of Capillary Pericytes in Vascular Growth of the Developing Ovine Corpus Luteum1. Biology of Reproduction, 2001, 65, 879-889.	1.2	124
180	Influence of pregnancy on body weight, ruminal characteristics, and visceral organ mass in beef heifers.. Journal of Animal Science, 2001, 79, 2481.	0.2	35

#	Article	IF	Citations
181	Effects of Second Messengers on Gap Junctional Intercellular Communication of Ovine Luteal Cells Throughout the Estrous Cycle1. Biology of Reproduction, 2001, 65, 777-783.	1.2	31
182	Angiogenesis in the Placenta1. Biology of Reproduction, 2001, 64, 1033-1040.	1.2	412
183	Growth Factors During Ovarian Angiogenesis. , 2001, , 131-147.		4
184	Influence of undegraded intake protein on intake, digestion, serum hormones and metabolites, and nitrogen balance in sheep. Small Ruminant Research, 2000, 35, 225-233.	0.6	23
185	Influence of dietary intake and lasalocid on serum hormones and metabolites and visceral organ growth and morphology in wether lambs. Small Ruminant Research, 2000, 35, 235-247.	0.6	27
186	Angiogenesis in the Corpus Luteum. Endocrine, 2000, 12, 1-10.	2.2	246
187	Undegraded intake protein supplementation: II. Effects on plasma hormone and metabolite concentrations in periparturient beef cows fed low-quality hay during gestation and lactation.. Journal of Animal Science, 2000, 78, 456.	0.2	30
188	Ruminally undegraded intake protein in sheep fed low-quality forage: effect on weight, growth, cell proliferation, and morphology of visceral organs.. Journal of Animal Science, 1999, 77, 198.	0.2	23
189	Cell-to-Cell Communication and Expression of Gap Junctional Proteins in Human Diabetic and Nondiabetic Skin Fibroblasts: Effects of Basic Fibroblast Growth Factor. Endocrine, 1999, 10, 35-42.	2.2	51
190	Expression of Gap Junctional Proteins Connexin 43, 32, and 26 Throughout Follicular Development and Atresia in Cows. Endocrine, 1999, 10, 43-52.	2.2	56
191	Gap Junctional Proteins, Connexin 26, 32, and 43 in Sheep Ovaries Throughout the Estrous Cycle. Endocrine, 1998, 8, 269-280.	2.2	36
192	Time-Course of the Uterine Response to Estradiol-17Î² in Ovariectomized Ewes: Expression of Angiogenic Factors1. Biology of Reproduction, 1998, 59, 613-620.	1.2	69
193	Characterization of heparin-binding endothelial mitogen(s) produced by the ovine endometrium during early pregnancy. Biochemistry and Cell Biology, 1998, 76, 89-96.	0.9	11
194	Time-Course of the Uterine Response to Estradiol-17Î² in Ovariectomized Ewes: Uterine Growth and Microvascular Development1. Biology of Reproduction, 1998, 59, 606-612.	1.2	56
195	Expression of the angiogenic factors, basic fibroblast growth factor and vascular endothelial growth factor, in the ovary.. Journal of Animal Science, 1998, 76, 1671.	0.2	111
196	Fibroblast Growth Factor Receptor (FGFR)-1 and -2 in the Ovine Corpus Luteum throughout the Estrous Cycle. Growth Factors, 1998, 16, 125-135.	0.5	24
197	Cellular Interactions in the Corpus Luteum. Seminars in Reproductive Medicine, 1997, 15, 383-393.	0.5	29
198	Uterine Growth, Cell Proliferation, and C-fos Proto-Oncogene Expression Throughout the Estrous Cycle in Ewes1. Biology of Reproduction, 1997, 56, 393-401.	1.2	59

#	Article	IF	Citations
199	Effects of Ovarian Steroids on Uterine Growth, Morphology, and Cell Proliferation in Ovariectomized, Steroid-Treated Ewes1. Biology of Reproduction, 1997, 57, 588-596.	1.2	44
200	Gap Junctions in the Ovaries1. Biology of Reproduction, 1997, 57, 947-957.	1.2	133
201	Cellular Proliferation and Fibroblast Growth Factors in the Corpus Luteum during Early Pregnancy in Ewes. Growth Factors, 1997, 14, 15-23.	0.5	22
202	Effect of gonadotropin treatment on size, number, and cell proliferation of antral follicles in cows. Domestic Animal Endocrinology, 1997, 14, 171-180.	0.8	37
203	Characterization and expression of vascular endothelial growth factor (VEGF) in the ovine corpus luteum. Reproduction, 1996, 108, 157-165.	1.1	71
204	Gap Junctional Intercellular Communication of Bovine Luteal Cells from Several Stages of the Estrous Cycle: Effects of Cyclic Adenosine 3â€²,5â€²-Monophosphate1. Biology of Reproduction, 1996, 54, 538-545.	1.2	26
205	Effects of luteinizing hormone and prostaglandin F2Î± on gap junctional intercellular communication of ovine luteal cells throughout the estrous cycle. Endocrine, 1996, 5, 225-233.	2.2	8
206	Gap junctional intercellular communication of bovine luteal cells from several stages of the estrous cycle: Effects of prostaglandin F2Î±, protein kinase C and calcium. Prostaglandins, 1996, 52, 285-302.	1.2	16
207	Gap Junctional Protein Connexin 43 in Bovine Corpora Lutea Throughout the Estrous Cycle1. Biology of Reproduction, 1996, 54, 1279-1287.	1.2	26
208	Growth and cellular proliferation of antral follicles throughout the follicular phase of the estrous cycle in Meishan gilts. Biology of Reproduction, 1996, 54, 879-887.	1.2	24
209	Effects of Gonadotropin Treatment and Withdrawal on Follicular Growth, Cell Proliferation, and Atresia in Ewes1. Biology of Reproduction, 1996, 55, 693-702.	1.2	29
210	Angiogenesis in the Female Reproductive Organs. , 1996, , 125-139.		3
211	Utero-placental vascular development and placental function. Journal of Animal Science, 1995, 73, 1839-1851.	0.2	313
212	Initial Characterization of Mitogenic Activity of Ovine Corpora Lutea from Early Pregnancy. Growth Factors, 1995, 12, 131-144.	0.5	12
213	Immunohistochemical Localization of 3Î²-Hydroxysteroid Dehydrogenase and P450 17Î±-Hydroxylase during Follicular and Luteal Development in Pigs, Sheep, and Cows1. Biology of Reproduction, 1995, 52, 1081-1094.	1.2	121
214	Effects of dietary fiber on intestinal growth, cell proliferation, and morphology in growing pigs2. Journal of Animal Science, 1994, 72, 2270-2278.	0.2	186
215	Evaluation of Growth, Cell Proliferation, and Cell Death in Bovine Corpora Lutea throughout the Estrous Cycle1. Biology of Reproduction, 1994, 51, 623-632.	1.2	123
216	Size, Number, Cellular Proliferation, and Atresia of Gonadotropin-Induced Follicles in Ewes1. Biology of Reproduction, 1994, 51, 531-540.	1.2	51

#	Article	IF	Citations
217	Studies of FSH-P induced follicular growth in cows. Theriogenology, 1994, 42, 43-53.	0.9	10
218	Mitogenic factors of corpora lutea. Progress in Growth Factor Research, 1994, 5, 159-175.	1.7	90
219	Initial characterization of endothelial mitogens produced by bovine corpora lutea from the estrous cycle. Biochemistry and Cell Biology, 1993, 71, 270-277.	0.9	28
220	Vascular Development and Heparin-Binding Growth Factors in the Bovine Corpus Luteum at Several Stages of the Estrous Cycle1. Biology of Reproduction, 1993, 49, 1177-1189.	1.2	110
221	Effect of human chorionic gonadotropin administered early in the estrous cycle on ovulation and subsequent luteal function in cows. Journal of Animal Science, 1993, 71, 1242-1246.	0.2	66
222	Growth and Microvascular Development of the Uterus during Early Pregnancy in Ewes1. Biology of Reproduction, 1992, 47, 698-708.	1.2	111
223	Production of heparin-binding angiogenic factor(s) by bovine corpora lutea during pregnancy. Journal of Animal Science, 1992, 70, 254-262.	0.2	33
224	Angiogenesis in the female reproductive system. FASEB Journal, 1992, 6, 886-892.	0.2	353
225	Secretion of angiogenic activity and progesterone by ovine luteal cell types in vitro1. Journal of Animal Science, 1991, 69, 2099-2107.	0.2	28
226	Contact-Dependent Intercellular Communication of Bovine Luteal Cells in Culture*. Endocrinology, 1991, 129, 2757-2766.	1.4	50
227	Angiogenic activity of maternal and fetal placental tissues of ewes throughout gestation. Reproduction, 1989, 86, 689-696.	1.1	25
228	Secretion of angiogenic activity by placental tissues of cows at several stages of gestation. Reproduction, 1988, 83, 497-502.	1.1	25
229	Angiogenic activity of placental tissues of cows. Reproduction, 1987, 81, 233-240.	1.1	18
230	Evidence for uterine metabolism of progesterone during early pregnancy in the pig. Theriogenology, 1986, 25, 551-558.	0.9	11
231	Metabolism of the gravid uterus, foetus and utero-placenta at several stages of gestation in cows. Journal of Agricultural Science, 1986, 106, 437-444.	0.6	57
232	Effects of chronic environmental heat stress on blood flow and nutrient uptake of the gravid bovine uterus and foetus. Journal of Agricultural Science, 1985, 104, 289-297.	0.6	62
233	Transplacental diffusion and blood flow of gravid bovine uterus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1985, 249, R539-R543.	0.9	5
234	Effects of prostaglandin E1 or E2 (PGE1; PGE2) on luteal function and binding of luteinizing hormone in nonpregnant ewes. Prostaglandins, 1985, 29, 161-173.	1.2	47

#	Article	IF	Citations
235	Quantitation of Î±1-adrenergic receptors in porcine uterine and mesenteric arteries. American Journal of Obstetrics and Gynecology, 1984, 150, 485-491.	0.7	8
236	Interaction of ovarian steroids and periarterial al-adrenergic receptors in altering uterine blood flow during the estrous cycle of gilts. American Journal of Obstetrics and Gynecology, 1984, 150, 480-484.	0.7	70
237	Blood Flow to the Uterine and Ovarian Vascular Beds of Gilts During the Estrous Cycle or Early Pregnancy1. Biology of Reproduction, 1982, 27, 878-885.	1.2	63
238	Effect of chronic ipsilateral or contralateral intra-uterine infusion of prostaglandin E1 (PGE1) on luteal function of unilaterally ovariectomized ewes. Prostaglandins, 1981, 21, 945-955.	1.2	76
239	Effect of PGE1 or PGE2 on PGF2Î±-induced luteolysis in nonbred ewes. Prostaglandins, 1981, 21, 957-972.	1.2	85
240	Effect of chronic ipsilateral or contralateral intrauterine infusion of prostaglandin E2 (PGE2) on luteal function of unilaterally ovariectomized ewes. Prostaglandins, Leukotrienes and Essential Fatty Acids, 1981, 6, 389-401.	1.2	107
241	Growth and development of the corpus luteum. Bioscientifica Proceedings, 0, , .	1.0	1
242	Steroidogenesis and the initiation of parturition. Bioscientifica Proceedings, 0, , .	1.0	1
243	Scientific publications: From the stone tablet to the electronic tablet. Animal Frontiers, 0, , .	0.8	1