Lawrence P Reynolds

List of Publications by Year
in descending order

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243 papers	9,686 citations	31976 53 h-index	49909 87 g-index
250 all docs	250 docs citations	250 times ranked	5552 citing authors

#	Article	IF	Citations
1	Angiogenesis in the Placenta1. Biology of Reproduction, 2001, 64, 1033-1040.	2.7	412
2	Angiogenesis in the female reproductive system. FASEB Journal, 1992, 6, 886-892.	0.5	353
3	Utero-placental vascular development and placental function. Journal of Animal Science, 1995, 73, 1839-1851.	0.5	313
4	Evidence for altered placental blood flow and vascularity in compromised pregnancies. Journal of Physiology, 2006, 572, 51-58.	2.9	291
5	Angiogenesis in the Corpus Luteum. Endocrine, 2000, 12, 1-10.	2.2	246
6	Effect of nutrient intake during pregnancy on fetal and placental growth and vascular development. Domestic Animal Endocrinology, 2004, 27, 199-217.	1.6	205
7	Wound healing: The role of growth factors. Drugs of Today, 2003, 39, 787.	2.4	202
8	Effects of dietary fiber on intestinal growth, cell proliferation, and morphology in growing pigs2. Journal of Animal Science, 1994, 72, 2270-2278.	0.5	186
9	Angiogenesis in the female reproductive organs: pathological implications. International Journal of Experimental Pathology, 2002, 83, 151-164.	1.3	153
10	Animal models of placental angiogenesis. Placenta, 2005, 26, 689-708.	1.5	152
11	Developmental programming: The concept, large animal models, and the key role of uteroplacental vascular development1,2. Journal of Animal Science, 2010, 88, E61-E72.	0.5	151
12	Uteroplacental vascular development and placental function: an update. International Journal of Developmental Biology, 2010, 54, 355-366.	0.6	146
13	Gap Junctions in the Ovaries1. Biology of Reproduction, 1997, 57, 947-957.	2.7	133
14	Placental Growth Throughout the Last Two Thirds of Pregnancy in Sheep: Vascular Development and Angiogenic Factor Expression1. Biology of Reproduction, 2007, 76, 259-267.	2.7	132
15	Placental angiogenesis in sheep models of compromised pregnancy. Journal of Physiology, 2005, 565, 43-58.	2.9	126
16	Evidence for a Role of Capillary Pericytes in Vascular Growth of the Developing Ovine Corpus Luteum1. Biology of Reproduction, 2001, 65, 879-889.	2.7	124
17	Evaluation of Growth, Cell Proliferation, and Cell Death in Bovine Corpora Lutea throughout the Estrous Cycle1. Biology of Reproduction, 1994, 51, 623-632.	2.7	123
18	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.	2.7	121

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19	A Modified Presynchronization Protocol Improves Fertility to Timed Artificial Insemination in Lactating Dairy Cows. Journal of Dairy Science, 2004, 87, 1551-1557.	3.4	112
20	Growth and Microvascular Development of the Uterus during Early Pregnancy in Ewes1. Biology of Reproduction, 1992, 47, 698-708.	2.7	111
21	Expression of the angiogenic factors, basic fibroblast growth factor and vascular endothelial growth factor, in the ovary.. Journal of Animal Science, 1998, 76, 1671.	0.5	111
22	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.	2.7	110
23	Nutritional Modulation of Adolescent Pregnancy Outcome â€“ A Review. Placenta, 2006, 27, 61-68.	1.5	109
24	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.	1.1	107
25	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.	0.5	102
26	Effect of early gestational undernutrition on angiogenic factor expression and vascularity in the bovine placentome. Journal of Animal Science, 2007, 85, 2464-2472.	0.5	92
27	Role of the pre- and post-natal environment in developmental programming of health and productivity. Molecular and Cellular Endocrinology, 2012, 354, 54-59.	3.2	92
28	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.	2.7	91
29	Mitogenic factors of corpora lutea. Progress in Growth Factor Research, 1994, 5, 159-175.	1.6	90
30	Effect of PGE1 or PGE2 on PGF2Î±-induced luteolysis in nonbred ewes. Prostaglandins, 1981, 21, 957-972.	1.2	85
31	Developmental Programming of Fetal Growth and Development. Veterinary Clinics of North America - Food Animal Practice, 2019, 35, 229-247.	1.2	83
32	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.	0.5	78
33	Placental development during early pregnancy in sheep: vascular growth and expression of angiogenic factors in maternal placenta. Reproduction, 2010, 140, 165-174.	2.6	78
34	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
35	Characterization and expression of vascular endothelial growth factor (VEGF) in the ovine corpus luteum. Reproduction, 1996, 108, 157-165.	2.6	71
36	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.	1.3	70

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37	Vascular composition, apoptosis, and expression of angiogenic factors in the corpus luteum during prostaglandin F2Î±-induced regression in sheep. Reproduction, 2006, 131, 1115-1126.	2.6	70
38	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.	0.5	70
39	Time-Course of the Uterine Response to Estradiol-17Î² in Ovariectomized Ewes: Expression of Angiogenic Factors1. Biology of Reproduction, 1998, 59, 613-620.	2.7	69
40	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.	0.5	66
41	Placental development during early pregnancy in sheep: cell proliferation, global methylation, and angiogenesis in the fetal placenta. Reproduction, 2011, 141, 529-540.	2.6	66
42	Farm Animal Research in Crisis. Science, 2009, 324, 468-469.	12.6	64
43	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.	0.5	64
44	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.	2.7	63
45	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.	0.5	63
46	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.	1.3	62
47	Uterine Growth, Cell Proliferation, and C-fos Proto-Oncogene Expression Throughout the Estrous Cycle in Ewes1. Biology of Reproduction, 1997, 56, 393-401.	2.7	59
48	Metabolism of the gravid uterus, foetus and utero-placenta at several stages of gestation in cows. Journal of Agricultural Science, 1986, 106, 437-444.	1.3	57
49	Time-Course of the Uterine Response to Estradiol-17Î² in Ovariectomized Ewes: Uterine Growth and Microvascular Development1. Biology of Reproduction, 1998, 59, 606-612.	2.7	56
50	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
51	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.	1.6	56
52	Maternal and Fetal Growth, Body Composition, Endocrinology, and Metabolic Status in Undernourished Adolescent Sheep1. Biology of Reproduction, 2007, 77, 343-350.	2.7	55
53	Fetoplacental growth and vascular development in overnourished adolescent sheep at day 50, 90 and 130 of gestation. Reproduction, 2009, 137, 749-757.	2.6	54
54	Cellular proliferation and vascularization in ovine fetal ovaries: effects of undernutrition and selenium in maternal diet. Reproduction, 2009, 137, 699-707.	2.6	52

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55	Size, Number, Cellular Proliferation, and Atresia of Gonadotropin-Induced Follicles in Ewes1. Biology of Reproduction, 1994, 51, 531-540.	2.7	51
56	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
57	Contact-Dependent Intercellular Communication of Bovine Luteal Cells in Culture*. Endocrinology, 1991, 129, 2757-2766.	2.8	50
58	Importance of Animals in Agricultural Sustainability and Food Security ,. Journal of Nutrition, 2015, 145, 1377-1379.	2.9	50
59	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
60	Vascularity and expression of angiogenic factors in bovine dominant follicles of the first follicular wave1. Journal of Animal Science, 2007, 85, 1914-1922.	0.5	49
61	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
62	Effect of Morphology on Placentome Size, Vascularity, and Vasoreactivity in Late Pregnant Sheep1. Biology of Reproduction, 2008, 79, 976-982.	2.7	47
63	Effects of Ovarian Steroids on Uterine Growth, Morphology, and Cell Proliferation in Ovariectomized, Steroid-Treated Ewes1. Biology of Reproduction, 1997, 57, 588-596.	2.7	44
64	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.	2.1	44
65	Heparinase treatment of RNA before quantitative real-time RT-PCR. BioTechniques, 2003, 35, 1140-1144.	1.8	43
66	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.	0.5	41
67	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.	0.5	41
68	Maternal nutrition and programming of offspring energy requirements1. Translational Animal Science, 2019, 3, 976-990.	1.1	41
69	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.	1.2	38
70	Expression of endothelial nitric oxide synthase in the ovine ovary throughout the estrous cycle. Reproduction, 2006, 132, 579-587.	2.6	38
71	Placental development during early pregnancy in sheep: effects of embryo origin on vascularization. Reproduction, 2014, 147, 639-648.	2.6	38
72	Maternal Stress and Placental Vascular Function and Remodeling. Current Vascular Pharmacology, 2013, 11, 564-593.	1.7	38

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73	Effect of gonadotropin treatment on size, number, and cell proliferation of antral follicles in cows. Domestic Animal Endocrinology, 1997, 14, 171-180.	1.6	37
74	Nutritional paradigms of ovine fetal growth restriction: Implications for human pregnancy. Human Fertility, 2005, 8, 179-187.	1.7	37
75	Gap Junctional Proteins, Connexin 26, 32, and 43 in Sheep Ovaries Throughout the Estrous Cycle. Endocrine, 1998, 8, 269-280.	2.2	36
76	Some historical aspects of understanding placental development, structure and function. International Journal of Developmental Biology, 2010, 54, 237-255.	0.6	36
77	Influence of pregnancy on body weight, ruminal characteristics, and visceral organ mass in beef heifers.. Journal of Animal Science, 2001, 79, 2481.	0.5	35
78	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.	2.1	34
79	Placental development during early pregnancy in sheep: Effects of embryo origin on fetal and placental growth and global methylation. Theriogenology, 2013, 79, 94-102.	2.1	34
80	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.	1.1	34
81	Production of heparin-binding angiogenic factor(s) by bovine corpora lutea during pregnancy. Journal of Animal Science, 1992, 70, 254-262.	0.5	33
82	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.	0.5	33
83	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.	0.5	33
84	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.	0.5	32
85	Activation of the CXCL12/CXCR4 signaling axis may drive vascularization of the ovine placenta. Domestic Animal Endocrinology, 2014, 47, 11-21.	1.6	32
86	Maternal environment and placental vascularization in small ruminants. Theriogenology, 2016, 86, 288-305.	2.1	32
87	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.	0.5	32
88	Maternal periconceptual nutrition, early pregnancy, and developmental outcomes in beef cattle. Journal of Animal Science, 2020, 98, .	0.5	32
89	Effects of Second Messengers on Gap Junctional Intercellular Communication of Ovine Luteal Cells Throughout the Estrous Cycle1. Biology of Reproduction, 2001, 65, 777-783.	2.7	31
90	Dietary selenium and nutritional plane alter specific aspects of maternal endocrine status during pregnancy and lactation. Domestic Animal Endocrinology, 2014, 46, 1-11.	1.6	31

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91	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.	0.5	30
92	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.	1.6	30
93	Effects of Gonadotropin Treatment and Withdrawal on Follicular Growth, Cell Proliferation, and Atresia in Ewes1. Biology of Reproduction, 1996, 55, 693-702.	2.7	29
94	Cellular Interactions in the Corpus Luteum. Seminars in Reproductive Medicine, 1997, 15, 383-393.	1.1	29
95	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
96	Secretion of angiogenic activity and progesterone by ovine luteal cell types in vitro1. Journal of Animal Science, 1991, 69, 2099-2107.	0.5	28
97	Initial characterization of endothelial mitogens produced by bovine corpora lutea from the estrous cycle. Biochemistry and Cell Biology, 1993, 71, 270-277.	2.0	28
98	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.	1.5	28
99	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
100	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.	0.5	28
101	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.	1.6	28
102	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.	1.2	27
103	Placental Abnormalities in Ovine Somatic Cell Clones at Term: A Light and Electron Microscopic Investigation. Placenta, 2007, 28, 577-584.	1.5	27
104	Placental vascularity and growth factor expression in singleton, twin, and triplet pregnancies in the sheep. Endocrine, 2008, 33, 53-61.	2.3	27
105	Maternal and fetal microvasculature in sheep placenta at several stages of gestation. Journal of Anatomy, 2010, 216, 292-300.	1.5	27
106	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.	0.5	27
107	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.	2.7	26
108	Gap Junctional Protein Connexin 43 in Bovine Corpora Lutea Throughout the Estrous Cycle1. Biology of Reproduction, 1996, 54, 1279-1287.	2.7	26

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109	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
110	Cerebrum, liver, and muscle regulatory networks uncover maternal nutrition effects in developmental programming of beef cattle during early pregnancy. Scientific Reports, 2021, 11, 2771.	3.3	26
111	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.	2.4	26
112	Secretion of angiogenic activity by placental tissues of cows at several stages of gestation. Reproduction, 1988, 83, 497-502.	2.6	25
113	Angiogenic activity of maternal and fetal placental tissues of ewes throughout gestation. Reproduction, 1989, 86, 689-696.	2.6	25
114	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.	0.5	25
115	Technical note: A new surgical technique for ovariohysterectomy during early pregnancy in beef heifers1. Journal of Animal Science, 2016, 94, 5089-5096.	0.5	25
116	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.	2.7	24
117	Fibroblast Growth Factor Receptor (FGFR)-1 and -2 in the Ovine Corpus Luteum throughout the Estrous Cycle. Growth Factors, 1998, 16, 125-135.	1.7	24
118	The effect of GnRH, eCG and progestin type on estrous synchronization following laparoscopic AI in ewes. Small Ruminant Research, 2007, 72, 227-231.	1.2	24
119	Maternal dietary intake alters organ mass and endocrine and metabolic profiles in pregnant ewe lambs. Animal Reproduction Science, 2013, 141, 131-141.	1.5	24
120	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.	0.5	24
121	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.	0.5	23
122	Influence of undegraded intake protein on intake, digestion, serum hormones and metabolites, and nitrogen balance in sheep. Small Ruminant Research, 2000, 35, 225-233.	1.2	23
123	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.	0.5	23
124	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.	1.5	23
125	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.	0.5	23
126	Undernutrition and stage of gestation influence fetal adipose tissue gene expression. Journal of Molecular Endocrinology, 2015, 54, 263-275.	2.5	23

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127	Cellular Proliferation and Fibroblast Growth Factors in the Corpus Luteum during Early Pregnancy in Ewes. Growth Factors, 1997, 14, 15-23.	1.7	22
128	Expression of connexin 43 and gap junctional intercellular communication in the cumulusâ€“oocyte complex in sheep. Reproduction, 2005, 129, 191-200.	2.6	22
129	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.	0.5	22
130	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.	1.6	21
131	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, .	0.5	21
132	Placental Growth, Angiogenic Gene Expression, and Vascular Development in Undernourished Adolescent Sheep1. Biology of Reproduction, 2007, 77, 351-357.	2.7	20
133	Commentary on Domestic Animals in Agricultural and Biomedical Research: An Endangered Enterprise. Journal of Nutrition, 2009, 139, 427-428.	2.9	20
134	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.	0.5	20
135	Livestock as models for developmental programming. Animal Frontiers, 2017, 7, 12-17.	1.7	20
136	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.	2.7	19
137	Functional Significance of Developmental Changes in Placental Microvascular Architecture. Endothelium: Journal of Endothelial Cell Research, 2005, 12, 11-19.	1.7	19
138	Role of gap junctions in regulation of progesterone secretion by ovine luteal cells in vitro. Reproduction, 2007, 133, 641-651.	2.6	19
139	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.	0.5	19
140	Supranutritional selenium increases mammary gland vascularity in postpartum ewe lambs. Journal of Dairy Science, 2011, 94, 2850-2858.	3.4	19
141	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.	3.2	19
142	Placental development during early pregnancy in sheep: Progesterone and estrogen receptor protein expression. Theriogenology, 2018, 114, 273-284.	2.1	19
143	Nutritional Regulation of Embryonic Survival, Growth, and Development. Advances in Experimental Medicine and Biology, 2022, 1354, 63-76.	1.6	19
144	Angiogenic activity of placental tissues of cows. Reproduction, 1987, 81, 233-240.	2.6	18

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145	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.	1.4	18
146	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.	0.5	18
147	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
148	Estradiol-17Î² and linseed meal interact to alter visceral organ mass and hormone concentrations from ovariectomized ewes. Domestic Animal Endocrinology, 2009, 37, 148-158.	1.6	16
149	Placental development during early pregnancy: Effects of embryo origin on expression of chemokine ligand twelve (CXCL12). Placenta, 2016, 43, 77-80.	1.5	16
150	Characterization of the Microbiota Associated With 12-Week-Old Bovine Fetuses Exposed to Divergent in utero Nutrition. Frontiers in Microbiology, 2021, 12, 771832.	3.5	16
151	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.	2.1	15
152	Gap Junctional Connexin 37 Is Expressed in Sheep Ovaries. Endocrine, 2006, 30, 223-230.	2.2	15
153	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.	0.5	15
154	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.	1.1	15
155	Programming of Embryonic Development. International Journal of Molecular Sciences, 2021, 22, 11668.	4.1	15
156	Prion (PrPC) expression in ovine uteroplacental tissues increases after estrogen treatment of ovariectomized ewes and during early pregnancy. Reproduction, 2014, 148, 1-10.	2.6	14
157	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.	2.3	14
158	Expression of gap junctional connexin proteins in ovine fetal ovaries: Effects of maternal diet. Domestic Animal Endocrinology, 2011, 41, 185-194.	1.6	13
159	Neonatal hormone changes and growth in lambs born to dams receiving differing nutritional intakes and selenium supplementation during gestation. Reproduction, 2012, 144, 23-35.	2.6	13
160	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.	1.5	13
161	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.	2.1	13
162	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.	3.5	13

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163	Initial Characterization of Mitogenic Activity of Ovine Corpora Lutea from Early Pregnancy. Growth Factors, 1995, 12, 131-144.	1.7	12
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