

# Thomas Edward Spencer

## List of Publications by Year in descending order

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326  
papers

29,292  
citations

3531

90  
h-index

6996

154  
g-index

331  
all docs

331  
docs citations

331  
times ranked

16439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Steroid receptor coactivator-1 is a histone acetyltransferase. <i>Nature</i> , 1997, 389, 194-198.	27.8	1,153
2	Arginine metabolism and nutrition in growth, health and disease. <i>Amino Acids</i> , 2009, 37, 153-168.	2.7	1,009
3	BOARD-INVITED REVIEW: Intrauterine growth retardation: Implications for the animal sciences <sup>1</sup> . <i>Journal of Animal Science</i> , 2006, 84, 2316-2337.	0.5	913
4	Maternal Nutrition and Fetal Development. <i>Journal of Nutrition</i> , 2004, 134, 2169-2172.	2.9	739
5	Proline and hydroxyproline metabolism: implications for animal and human nutrition. <i>Amino Acids</i> , 2011, 40, 1053-1063.	2.7	512
6	Evidence for Placental Abnormality as the Major Cause of Mortality in First-Trimester Somatic Cell Cloned Bovine Fetuses <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 63, 1787-1794.	2.7	407
7	Revealing the History of Sheep Domestication Using Retrovirus Integrations. <i>Science</i> , 2009, 324, 532-536.	12.6	402
8	Developmental Biology of Uterine Glands <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 65, 1311-1323.	2.7	395
9	The Steroid Receptor Coactivator-1 Contains Multiple Receptor Interacting and Activation Domains That Cooperatively Enhance the Activation Function 1 (AF1) and AF2 Domains of Steroid Receptors. <i>Journal of Biological Chemistry</i> , 1998, 273, 12101-12108.	3.4	363
10	Comparative aspects of implantation. <i>Reproduction</i> , 2009, 138, 195-209.	2.6	309
11	Dietary L-Arginine Supplementation Reduces Fat Mass in Zucker Diabetic Fatty Rats. <i>Journal of Nutrition</i> , 2005, 135, 714-721.	2.9	305
12	Endometrial Glands Are Required for Preimplantation Conceptus Elongation and Survival <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 1608-1613.	2.7	302
13	Biology of progesterone action during pregnancy recognition and maintenance of pregnancy. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d1879.	3.0	298
14	Progesterone and Placental Hormone Actions on the Uterus: Insights from Domestic Animals <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 71, 2-10.	2.7	297
15	Novel pathways for implantation and establishment and maintenance of pregnancy in mammals. <i>Molecular Human Reproduction</i> , 2010, 16, 135-152.	2.8	295
16	Evidence for altered placental blood flow and vascularity in compromised pregnancies. <i>Journal of Physiology</i> , 2006, 572, 51-58.	2.9	291
17	Temporal and Spatial Alterations in Uterine Estrogen Receptor and Progesterone Receptor Gene Expression During the Estrous Cycle and Early Pregnancy in the Ewe <sup>1</sup> . <i>Biology of Reproduction</i> , 1995, 53, 1527-1543.	2.7	285
18	Osteopontin: Roles in Implantation and Placentation <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 69, 1458-1471.	2.7	278

#	ARTICLE	IF	CITATIONS
19	Progesterone-Regulated Changes in Endometrial Gene Expression Contribute to Advanced Conceptus Development in Cattle1. <i>Biology of Reproduction</i> , 2009, 81, 784-794.	2.7	277
20	Implantation mechanisms: insights from the sheep. <i>Reproduction</i> , 2004, 128, 657-668.	2.6	273
21	Pregnancy recognition and conceptus implantation in domestic ruminants: roles of progesterone, interferons and endogenous retroviruses. <i>Reproduction, Fertility and Development</i> , 2007, 19, 65.	0.4	267
22	Exosomal and Non-Exosomal Transport of Extra-Cellular microRNAs in Follicular Fluid: Implications for Bovine Oocyte Developmental Competence. <i>PLoS ONE</i> , 2013, 8, e78505.	2.5	257
23	Steroid receptor induction of gene transcription: A two-step model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 7879-7884.	7.1	249
24	Dietary L-Arginine Supplementation Reduces White Fat Gain and Enhances Skeletal Muscle and Brown Fat Masses in Diet-Induced Obese Rats. <i>Journal of Nutrition</i> , 2009, 139, 230-237.	2.9	241
25	Genes involved in conceptus endometrial interactions in ruminants: insights from reductionism and thoughts on holistic approaches. <i>Reproduction</i> , 2008, 135, 165-179.	2.6	239
26	Conceptus signals for establishment and maintenance of pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2004, 2, 49.	3.3	228
27	Endogenous retroviruses regulate periimplantation placental growth and differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14390-14395.	7.1	228
28	Important roles for the arginine family of amino acids in swine nutrition and production. <i>Livestock Science</i> , 2007, 112, 8-22.	1.6	227
29	Beneficial effects of l-arginine on reducing obesity: potential mechanisms and important implications for human health. <i>Amino Acids</i> , 2010, 39, 349-357.	2.7	225
30	Interferon Tau: A Novel Pregnancy Recognition Signal. <i>American Journal of Reproductive Immunology</i> , 1997, 37, 412-420.	1.2	223
31	Extracellular Vesicles in Luminal Fluid of the Ovine Uterus. <i>PLoS ONE</i> , 2014, 9, e90913.	2.5	205
32	TRIENNIAL GROWTH SYMPOSIUM: Important roles for L-glutamine in swine nutrition and production1,2. <i>Journal of Animal Science</i> , 2011, 89, 2017-2030.	0.5	191
33	Muc-1, Integrin, and Osteopontin Expression During the Implantation Cascade in Sheep1. <i>Biology of Reproduction</i> , 2001, 65, 820-828.	2.7	184
34	Select Nutrients in the Ovine Uterine Lumen. I. Amino Acids, Glucose, and Ions in Uterine Luminal Flushings of Cyclic and Pregnant Ewes1. <i>Biology of Reproduction</i> , 2009, 80, 86-93.	2.7	184
35	Interferons and progesterone for establishment and maintenance of pregnancy: interactions among novel cell signaling pathways. <i>Reproductive Biology</i> , 2008, 8, 179-211.	1.9	181
36	The endometrium responds differently to cloned versus fertilized embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5681-5686.	7.1	177

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37	Progesterone Regulation of Preimplantation Conceptus Growth and Galectin 15 (LGALS15) in the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2006, 75, 289-296.	2.7	171
38	Proline metabolism in the conceptus: implications for fetal growth and development. <i>Amino Acids</i> , 2008, 35, 691-702.	2.7	171
39	Identification of Endometrial Genes Regulated by Early Pregnancy, Progesterone, and Interferon Tau in the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2006, 74, 383-394.	2.7	162
40	Uterine glands: development, function and experimental model systems. <i>Molecular Human Reproduction</i> , 2013, 19, 547-558.	2.8	155
41	Integrins and Extracellular Matrix Proteins at the Maternal-Fetal Interface in Domestic Animals. <i>Cells Tissues Organs</i> , 2002, 172, 202-217.	2.3	148
42	Pharmacokinetics and Safety of Arginine Supplementation in Animals. <i>Journal of Nutrition</i> , 2007, 137, 1673S-1680S.	2.9	145
43	Discovery and characterization of an epithelial-specific galectin in the endometrium that forms crystals in the trophoctoderm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7982-7987.	7.1	140
44	Postnatal Deletion of Wnt7a Inhibits Uterine Gland Morphogenesis and Compromises Adult Fertility in Mice <sup>1</sup> . <i>Biology of Reproduction</i> , 2011, 85, 386-396.	2.7	140
45	Interferon Regulatory Factor-Two Restricts Expression of Interferon-Stimulated Genes to the Endometrial Stroma and Glandular Epithelium of the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 65, 1038-1049.	2.7	139
46	Keratinocyte Growth Factor Is Up-Regulated by Estrogen in the Porcine Uterine Endometrium and Functions in Trophoctoderm Cell Proliferation and Differentiation*. <i>Endocrinology</i> , 2001, 142, 2303-2310.	2.8	139
47	Polyamine Synthesis from Proline in the Developing Porcine Placenta <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 72, 842-850.	2.7	139
48	Extracellular Vesicles Originate from the Conceptus and Uterus During Early Pregnancy in Sheep <sup>1</sup> . <i>Biology of Reproduction</i> , 2016, 94, 56.	2.7	136
49	A Paradigm for Virus-Host Coevolution: Sequential Counter-Adaptations between Endogenous and Exogenous Retroviruses. <i>PLoS Pathogens</i> , 2007, 3, e170.	4.7	135
50	Ovine Osteopontin: II. Osteopontin and $\alpha_2\beta_1$ Integrin Expression in the Uterus and Conceptus During the Periimplantation Period <sup>1</sup> . <i>Biology of Reproduction</i> , 1999, 61, 892-899.	2.7	134
51	Maternal Nutrient Restriction Reduces Concentrations of Amino Acids and Polyamines in Ovine Maternal and Fetal Plasma and Fetal Fluids <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 71, 901-908.	2.7	134
52	Prostaglandins Regulate Conceptus Elongation and Mediate Effects of Interferon Tau on the Ovine Uterine Endometrium <sup>1</sup> . <i>Biology of Reproduction</i> , 2011, 84, 1119-1127.	2.7	132
53	Prolactin Receptor and Uterine Milk Protein Expression in the Ovine Endometrium During the Estrous Cycle and Pregnancy <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 62, 1779-1789.	2.7	131
54	Epithelial progesterone receptor exhibits pleiotropic roles in uterine development and function. <i>FASEB Journal</i> , 2012, 26, 1218-1227.	0.5	130

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55	High fat feeding and dietary l-arginine supplementation differentially regulate gene expression in rat white adipose tissue. <i>Amino Acids</i> , 2009, 37, 187-198.	2.7	129
56	Uterine Vein Infusion of Interferon Tau (IFNT) Extends Luteal Life Span in Ewes <sup>1</sup> . <i>Biology of Reproduction</i> , 2010, 82, 725-735.	2.7	129
57	Expression of the Interferon Tau Inducible Ubiquitin Cross-Reactive Protein in the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 1999, 61, 312-318.	2.7	126
58	Effects of Recombinant Ovine Interferon Tau, Placental Lactogen, and Growth Hormone on the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 1999, 61, 1409-1418.	2.7	126
59	Comparative Developmental Biology of the Mammalian Uterus. <i>Current Topics in Developmental Biology</i> , 2005, 68, 85-122.	2.2	126
60	Amino acids and gaseous signaling. <i>Amino Acids</i> , 2009, 37, 65-78.	2.7	125
61	Ovine Interferon- $\tau$ , Regulates Expression of Endometrial Receptors for Estrogen and Oxytocin but not Progesterone <sup>1</sup> . <i>Biology of Reproduction</i> , 1995, 53, 732-745.	2.7	123
62	Developmental Changes of Amino Acids in Ovine Fetal Fluids <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 68, 1813-1820.	2.7	123
63	Self-renewing endometrial epithelial organoids of the human uterus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23132-23142.	7.1	123
64	Uterine Glands: Developmental Biology and Functional Roles in Pregnancy. <i>Endocrine Reviews</i> , 2019, 40, 1424-1445.	20.1	121
65	Uterine glands: biological roles in conceptus implantation, uterine receptivity and decidualization. <i>International Journal of Developmental Biology</i> , 2014, 58, 107-116.	0.6	119
66	Conceptus elongation in ruminants: roles of progesterone, prostaglandin, interferon tau and cortisol. <i>Journal of Animal Science and Biotechnology</i> , 2014, 5, 53.	5.3	119
67	Interferons and Uterine Receptivity. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 090-102.	1.1	118
68	Uterine glands coordinate on-time embryo implantation and impact endometrial decidualization for pregnancy success. <i>Nature Communications</i> , 2018, 9, 2435.	12.8	117
69	Receptor Usage and Fetal Expression of Ovine Endogenous Betaretroviruses: Implications for Coevolution of Endogenous and Exogenous Retroviruses. <i>Journal of Virology</i> , 2003, 77, 749-753.	3.4	116
70	Uterine receptivity to implantation of blastocysts in mammals. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 745-767.	2.1	115
71	Forkhead box a2 (FOXA2) is essential for uterine function and fertility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1018-E1026.	7.1	115
72	Ovine Uterine Gland Knock-Out Model: Effects of Gland Ablation on the Estrous Cycle <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 62, 448-456.	2.7	113



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91	Late viral interference induced by transdominant Gag of an endogenous retrovirus. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11117-11122.	7.1	93
92	Keratinocyte Growth Factor: Expression by Endometrial Epithelia of the Porcine Uterus. Biology of Reproduction, 2000, 62, 1772-1778.	2.7	92
93	Endogenous betaretroviruses of sheep: teaching new lessons in retroviral interference and adaptation. Journal of General Virology, 2004, 85, 1-13.	2.9	92
94	Estrogen Regulates Transcription of the Ovine Oxytocin Receptor Gene through GC-Rich SP1 Promoter Elements. Endocrinology, 2006, 147, 899-911.	2.8	92
95	Select Nutrients in the Ovine Uterine Lumen. III. Cationic Amino Acid Transporters in the Ovine Uterus and Peri-Implantation Conceptuses1. Biology of Reproduction, 2009, 80, 602-609.	2.7	92
96	Developmental Changes in Polyamine Levels and Synthesis in the Ovine Conceptus1. Biology of Reproduction, 2003, 69, 1626-1634.	2.7	91
97	Select Nutrients in the Ovine Uterine Lumen. VII. Effects of Arginine, Leucine, Glutamine, and Glucose on Trophectoderm Cell Signaling, Proliferation, and Migration1. Biology of Reproduction, 2011, 84, 62-69.	2.7	91
98	Effect of pregnancy and progesterone concentration on expression of genes encoding for transporters or secreted proteins in the bovine endometrium. Physiological Genomics, 2010, 41, 53-62.	2.3	90
99	PHYSIOLOGY AND ENDOCRINOLOGY SYMPOSIUM: Biological role of interferon tau in endometrial function and conceptus elongation12. Journal of Animal Science, 2013, 91, 1627-1638.	0.5	90
100	Uterine influences on conceptus development in fertility-classified animals. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1749-E1758.	7.1	90
101	Identification and Characterization of Glycosylation-Dependent Cell Adhesion Molecule 1-Like Protein Expression in the Ovine Uterus. Biology of Reproduction, 1999, 60, 241-250.	2.7	89
102	RNA Sequencing Reveals Novel Gene Clusters in Bovine Conceptuses Associated with Maternal Recognition of Pregnancy and Implantation1. Biology of Reproduction, 2011, 85, 1143-1151.	2.7	88
103	WNTs in the Neonatal Mouse Uterus: Potential Regulation of Endometrial Gland Development. Biology of Reproduction, 2011, 84, 308-319.	2.7	88
104	FOXO1 regulates uterine epithelial integrity and progesterone receptor expression critical for embryo implantation. PLoS Genetics, 2018, 14, e1007787.	3.5	88
105	Effects of the Estrous Cycle, Pregnancy, and Interferon Tau on 2â€²,5â€²-Oligoadenylate Synthetase Expression in the Ovine Uterus1. Biology of Reproduction, 2001, 64, 1392-1399.	2.7	87
106	Progesterone Modulation of Osteopontin Gene Expression in the Ovine Uterus1. Biology of Reproduction, 2000, 62, 1315-1321.	2.7	86
107	Comparison of the Effects of Early Pregnancy with Human Interferon, Alpha 2 (IFNA2), on Gene Expression in Bovine Endometrium1. Biology of Reproduction, 2012, 86, 46.	2.7	86
108	Biological Roles of Uterine Glands in Pregnancy. Seminars in Reproductive Medicine, 2014, 32, 346-357.	1.1	86

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109	Estrogen Enhances Endometrial Estrogen Receptor Gene Expression by a Posttranscriptional Mechanism in the Ovariectomized Ewe <sup>1</sup> . <i>Biology of Reproduction</i> , 1996, 54, 591-599.	2.7	85
110	Cathepsins in the Ovine Uterus: Regulation by Pregnancy, Progesterone, and Interferon Tau. <i>Endocrinology</i> , 2005, 146, 4825-4833.	2.8	85
111	Development and Characterization of Immortalized Ovine Endometrial Cell Lines <sup>1</sup> . <i>Biology of Reproduction</i> , 1999, 61, 1324-1330.	2.7	84
112	Oviduct-Embryo Interactions in Cattle: Two-Way Traffic or a One-Way Street? <sup>1</sup> . <i>Biology of Reproduction</i> , 2015, 92, 144.	2.7	84
113	Identification of Genes in the Ovine Endometrium Regulated by Interferon $\gamma$ , Independent of Signal Transducer and Activator of Transcription 1. <i>Endocrinology</i> , 2003, 144, 5203-5214.	2.8	83
114	Expression of Interferon Receptor Subunits, IFNAR1 and IFNAR2, in the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2002, 67, 847-853.	2.7	81
115	Pregnancy and Interferon Tau Regulate Major Histocompatibility Complex Class I and $\beta$ 2-Microglobulin Expression in the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 68, 1703-1710.	2.7	81
116	Glutamine Synthesis in the Developing Porcine Placenta <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 70, 1444-1451.	2.7	81
117	Interplay between Ovine Bone Marrow Stromal Cell Antigen 2/Tetherin and Endogenous Retroviruses. <i>Journal of Virology</i> , 2010, 84, 4415-4425.	3.4	81
118	Secreted phosphoprotein 1 binds integrins to initiate multiple cell signaling pathways, including FRAP1/mTOR, to support attachment and force-generated migration of trophoctoderm cells. <i>Matrix Biology</i> , 2010, 29, 369-382.	3.6	81
119	Fibroblast Growth Factor-10: A Stromal Mediator of Epithelial Function in the Ovine Uterus. <i>Biology of Reproduction</i> , 2000, 63, 959-966.	2.7	80
120	$\gamma$ -Interferon: Pregnancy Recognition Signal in Ruminants. <i>Experimental Biology and Medicine</i> , 1996, 213, 215-229.	2.4	79
121	Progesterone Regulates FGF10, MET, IGFBP1, and IGFBP3 in the Endometrium of the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2008, 79, 1226-1236.	2.7	79
122	Neonatal Ovine Uterine Development Involves Alterations in Expression of Receptors for Estrogen, Progesterone, and Prolactin <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 63, 1192-1204.	2.7	78
123	Osteopontin Expression in Uterine Stroma Indicates a Decidualization-Like Differentiation During Ovine Pregnancy. <i>Biology of Reproduction</i> , 2003, 68, 1951-1958.	2.7	77
124	Pregnancy and interferon tau regulate RSAD2 and IFIH1 expression in the ovine uterus. <i>Reproduction</i> , 2007, 133, 285-295.	2.6	77
125	Effects of Low Progesterone on the Endometrial Transcriptome in Cattle <sup>1</sup> . <i>Biology of Reproduction</i> , 2012, 87, 124.	2.7	77
126	Discovery of candidate genes and pathways in the endometrium regulating ovine blastocyst growth and conceptus elongation. <i>Physiological Genomics</i> , 2009, 39, 85-99.	2.3	76



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127	Effects of Neonatal Progesterin Exposure on Female Reproductive Tract Structure and Function in the Adult Ewe <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 797-804.	2.7	74
128	Sildenafil Citrate Treatment Enhances Amino Acid Availability in the Conceptus and Fetal Growth in an Ovine Model of Intrauterine Growth Restriction. <i>Journal of Nutrition</i> , 2010, 140, 251-258.	2.9	74
129	Implantation and Establishment of Pregnancy in Ruminants. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, 216, 105-135.	1.6	74
130	Interferon-Tau and Progesterone Regulate Ubiquitin Cross-Reactive Protein Expression in the Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 62, 622-627.	2.7	73
131	Expression of Endogenous Betaretroviruses in the Ovine Uterus: Effects of Neonatal Age, Estrous Cycle, Pregnancy, and Progesterone. <i>Journal of Virology</i> , 2001, 75, 11319-11327.	3.4	73
132	Dietary Supplementation with 0.8% L-Arginine between Days 0 and 25 of Gestation Reduces Litter Size in Gilts. <i>Journal of Nutrition</i> , 2010, 140, 1111-1116.	2.9	73
133	â€œConceptualizingâ€™ the Endometrium: Identification of Conceptus-Derived Proteins During Early Pregnancy in Cattle <sup>1</sup> . <i>Biology of Reproduction</i> , 2015, 92, 156.	2.7	73
134	Select Nutrients in the Ovine Uterine Lumen. VIII. Arginine Stimulates Proliferation of Ovine Trophectoderm Cells Through MTOR-RPS6K-RPS6 Signaling Cascade and Synthesis of Nitric Oxide and Polyamines <sup>1</sup> . <i>Biology of Reproduction</i> , 2011, 84, 70-78.	2.7	72
135	Expression of Interferon Regulatory Factors One and Two in the Ovine Endometrium: Effects of Pregnancy and Ovine Interferon Tau <sup>1</sup> . <i>Biology of Reproduction</i> , 1998, 58, 1154-1162.	2.7	70
136	Expression of Porcine Endometrial Prostaglandin Synthase During the Estrous Cycle and Early Pregnancy, and Following Endocrine Disruption of Pregnancy <sup>1</sup> . <i>Biology of Reproduction</i> , 2006, 74, 1007-1015.	2.7	70
137	Role of progesterone in embryo development in cattle. <i>Reproduction, Fertility and Development</i> , 2016, 28, 66.	0.4	69
138	Developmental Changes in Nitric Oxide Synthesis in the Ovine Placenta <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 70, 679-686.	2.7	67
139	Progesterone and Interferon- $\gamma$ , Regulate Cystatin C in the Endometrium. <i>Endocrinology</i> , 2006, 147, 3478-3483.	2.8	67
140	Tight and Adherens Junctions in the Ovine Uterus: Differential Regulation by Pregnancy and Progesterone. <i>Endocrinology</i> , 2007, 148, 3922-3931.	2.8	67
141	Progesterone Inhibits Uterine Gland Development in the Neonatal Mouse Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2012, 86, 146, 1-9.	2.7	66
142	Enhanced focal adhesion assembly reflects increased mechanosensation and mechanotransduction at maternalâ€œconceptus interface and uterine wall during ovine pregnancy. <i>Reproduction</i> , 2009, 137, 567-582.	2.6	65
143	Intravenous Administration of L-Citrulline to Pregnant Ewes Is More Effective Than L-Arginine for Increasing Arginine Availability in the Fetus. <i>Journal of Nutrition</i> , 2009, 139, 660-665.	2.9	65
144	Uterine glands impact uterine receptivity, luminal fluid homeostasis and blastocyst implantation. <i>Scientific Reports</i> , 2016, 6, 38078.	3.3	65

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145	HSD11B1, HSD11B2, PTGS2, and NR3C1 Expression in the Peri-Implantation Ovine Uterus: Effects of Pregnancy, Progesterone, and Interferon Tau1. <i>Biology of Reproduction</i> , 2010, 82, 35-43.	2.7	64
146	Statistical models in assessing fold change of gene expression in real-time RT-PCR experiments. <i>Computational Biology and Chemistry</i> , 2006, 30, 21-26.	2.3	63
147	Galectin 15 (LGALS15) functions in trophoblast migration and attachment. <i>FASEB Journal</i> , 2008, 22, 548-560.	0.5	63
148	Insulin-Like Growth Factor II Activates Phosphatidylinositol 3-Kinase-Protooncogenic Protein Kinase 1 and Mitogen-Activated Protein Kinase Cell Signaling Pathways, and Stimulates Migration of Ovine Trophoblast Cells. <i>Endocrinology</i> , 2008, 149, 3085-3094.	2.8	63
149	Ovine Placental Lactogen Specifically Binds to Endometrial Glands of the Ovine Uterus1. <i>Biology of Reproduction</i> , 2003, 68, 772-780.	2.7	62
150	Select Nutrients in the Ovine Uterine Lumen. IV. Expression of Neutral and Acidic Amino Acid Transporters in Ovine Uteri and Peri-Implantation Conceptuses1. <i>Biology of Reproduction</i> , 2009, 80, 1196-1208.	2.7	62
151	Cathepsin B, Cathepsin L, and Cystatin C in the Porcine Uterus and Placenta: Potential Roles in Endometrial/Placental Remodeling and in Fluid-Phase Transport of Proteins Secreted by Uterine Epithelia Across Placental Areolae1. <i>Biology of Reproduction</i> , 2010, 82, 854-864.	2.7	62
152	Mechanisms for the establishment and maintenance of pregnancy: synergies from scientific collaborations. <i>Biology of Reproduction</i> , 2018, 99, 225-241.	2.7	61
153	Differential Effects of Intrauterine and Subcutaneous Administration of Recombinant Ovine Interferon Tau on the Endometrium of Cyclic Ewes1. <i>Biology of Reproduction</i> , 1999, 61, 464-470.	2.7	60
154	Regulation of Expression of Fibroblast Growth Factor 7 in the Pig Uterus by Progesterone and Estradiol1. <i>Biology of Reproduction</i> , 2007, 77, 172-180.	2.7	60
155	Osteopontin Is Synthesized by Uterine Glands and a 45-kDa Cleavage Fragment Is Localized at the Uterine-Placental Interface Throughout Ovine Pregnancy1. <i>Biology of Reproduction</i> , 2003, 69, 92-98.	2.7	59
156	Endogenous retroviruses. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 3422-3432.	5.4	59
157	Select Nutrients in the Ovine Uterine Lumen. IX. Differential Effects of Arginine, Leucine, Glutamine, and Glucose on Interferon Tau, Ornithine Decarboxylase, and Nitric Oxide Synthase in the Ovine Conceptus1. <i>Biology of Reproduction</i> , 2011, 84, 1139-1147.	2.7	59
158	Expression of Hepatocyte Growth Factor and Its Receptor c-met in the Ovine Uterus1. <i>Biology of Reproduction</i> , 2000, 62, 1844-1850.	2.7	58
159	Interferon Stimulated Gene 15 Conjugates to Endometrial Cytosolic Proteins and Is Expressed at the Uterine-Placental Interface throughout Pregnancy in Sheep. <i>Endocrinology</i> , 2005, 146, 675-684.	2.8	58
160	Friendly Viruses. <i>Annals of the New York Academy of Sciences</i> , 2009, 1178, 157-172.	3.8	58
161	Endogenous Retroviruses in Trophoblast Differentiation and Placental Development. <i>American Journal of Reproductive Immunology</i> , 2010, 64, 255-264.	1.2	58
162	Effects of Fertility on Gene Expression and Function of the Bovine Endometrium. <i>PLoS ONE</i> , 2013, 8, e69444.	2.5	58

#	ARTICLE	IF	CITATIONS
163	Activation of the transcription factor, nuclear factor kappa-B, during the estrous cycle and early pregnancy in the pig. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 39.	3.3	57
164	Early pregnancy: Concepts, challenges, and potential solutions. <i>Animal Frontiers</i> , 2013, 3, 48-55.	1.7	57
165	Mechanisms regulating norgestomet inhibition of endometrial gland morphogenesis in the neonatal ovine uterus. <i>Molecular Reproduction and Development</i> , 2000, 57, 67-78.	2.0	56
166	Progesterone effects on extracellular vesicles in the sheep uterus. <i>Biology of Reproduction</i> , 2018, 98, 612-622.	2.7	56
167	Ovary-Independent Estrogen Receptor Expression in Neonatal Porcine Endometrium. <i>Biology of Reproduction</i> , 1998, 58, 1009-1019.	2.7	55
168	Insulin-Like Growth Factor Binding Protein-1 in the Ruminant Uterus: Potential Endometrial Marker and Regulator of Conceptus Elongation. <i>Endocrinology</i> , 2009, 150, 4295-4305.	2.8	55
169	Growth and development of the ovine conceptus. <i>Journal of Animal Science</i> , 2012, 90, 159-170.	0.5	54
170	Interferon tau-dependent and independent effects of the bovine conceptus on the endometrial transcriptome. <i>Biology of Reproduction</i> , 2019, 100, 365-380.	2.7	54
171	Cloning of the Ovine Estrogen Receptor Promoter and Functional Regulation by Ovine Interferon- $\tau$ . <i>Endocrinology</i> , 2001, 142, 2879-2887.	2.8	53
172	Effects of the estrous cycle, pregnancy and interferon tau on expression of cyclooxygenase two (COX-2) in ovine endometrium. <i>Reproductive Biology and Endocrinology</i> , 2003, 1, 58.	3.3	53
173	Mechanistic mammalian target of rapamycin (MTOR) cell signaling: Effects of select nutrients and secreted phosphoprotein 1 on development of mammalian conceptuses. <i>Molecular and Cellular Endocrinology</i> , 2012, 354, 22-33.	3.2	53
174	Evolution of placental invasion and cancer metastasis are causally linked. <i>Nature Ecology and Evolution</i> , 2019, 3, 1743-1753.	7.8	53
175	Sheep Endogenous Betaretroviruses (enJSRVs) and the Hyaluronidase 2 (HYAL2) Receptor in the Ovine Uterus and Conceptus. <i>Biology of Reproduction</i> , 2005, 73, 271-279.	2.7	52
176	Alterations in expression of endometrial genes coding for proteins secreted into the uterine lumen during conceptus elongation in cattle. <i>BMC Genomics</i> , 2013, 14, 321.	2.8	52
177	Influences of sire conception rate on pregnancy establishment in dairy cattle. <i>Biology of Reproduction</i> , 2018, 99, 1244-1254.	2.7	52
178	Human Endometrial Transcriptome and Progesterone Receptor Cistrome Reveal Important Pathways and Epithelial Regulators. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1419-e1439.	3.6	52
179	Maternal treatment with somatotropin alters embryonic development and early postnatal growth of pigs. <i>Domestic Animal Endocrinology</i> , 1995, 12, 83-94.	1.6	51
180	Galectin 15 (LGALS15): A Gene Uniquely Expressed in the Uteri of Sheep and Goats that Functions in Trophoblast Attachment. <i>Biology of Reproduction</i> , 2007, 77, 1027-1036.	2.7	51

#	ARTICLE	IF	CITATIONS
181	Placental Interferons. <i>American Journal of Reproductive Immunology</i> , 1996, 35, 297-308.	1.2	50
182	Stanniocalcin (STC) in the Endometrial Glands of the Ovine Uterus: Regulation by Progesterone and Placental Hormones <sup>1</sup> . <i>Biology of Reproduction</i> , 2006, 74, 913-922.	2.7	50
183	Secreted phosphoprotein 1 (osteopontin) is expressed by stromal macrophages in cyclic and pregnant endometrium of mice, but is induced by estrogen in luminal epithelium during conceptus attachment for implantation. <i>Reproduction</i> , 2006, 132, 919-929.	2.6	50
184	Biological Roles of Interferon Tau (IFNT) and Type I IFN Receptors in Elongation of the Ovine Conceptus <sup>1</sup> . <i>Biology of Reproduction</i> , 2015, 92, 47.	2.7	50
185	New perspective on conceptus estrogens in maternal recognition and pregnancy establishment in the pig <sup>1</sup> . <i>Biology of Reproduction</i> , 2019, 101, 148-161.	2.7	50
186	Pig Conceptuses Increase Uterine Interferon-Regulatory Factor 1 (IRF1), but Restrict Expression to Stroma Through Estrogen-Induced IRF2 in Luminal Epithelium <sup>1</sup> . <i>Biology of Reproduction</i> , 2007, 77, 292-302.	2.7	49
187	Stanniocalcin 1 Is a Luminal Epithelial Marker for Implantation in Pigs Regulated by Progesterone and Estradiol. <i>Endocrinology</i> , 2009, 150, 936-945.	2.8	49
188	Developmental Changes in Hypothalamic Kiss1 Expression during Activation of the Pulsatile Release of Luteinising Hormone in Maturing Ewe Lambs. <i>Journal of Neuroendocrinology</i> , 2011, 23, 815-822.	2.6	49
189	Analysis of the Uterine Epithelial and Conceptus Transcriptome and Luminal Fluid Proteome During the Peri-Implantation Period of Pregnancy in Sheep. <i>Biology of Reproduction</i> , 2016, 95, 88-88.	2.7	49
190	Gene Expression Profiling of Neonatal Mouse Uterine Development <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 70, 1870-1876.	2.7	48
191	Development and Function of Uterine Glands in Domestic Animals. <i>Annual Review of Animal Biosciences</i> , 2019, 7, 125-147.	7.4	48
192	OAS1 Polymorphisms Are Associated with Susceptibility to West Nile Encephalitis in Horses. <i>PLoS ONE</i> , 2010, 5, e10537.	2.5	48
193	Gastrin-Releasing Peptide (GRP) in the Ovine Uterus: Regulation by Interferon Tau and Progesterone <sup>1</sup> . <i>Biology of Reproduction</i> , 2008, 79, 376-386.	2.7	47
194	Select Nutrients in the Ovine Uterine Lumen. V. Nitric Oxide Synthase, GTP Cyclohydrolase, and Ornithine Decarboxylase in Ovine Uteri and Peri-Implantation Conceptuses <sup>1</sup> . <i>Biology of Reproduction</i> , 2009, 81, 67-76.	2.7	47
195	Select Nutrients and Their Associated Transporters Are Increased in the Ovine Uterus Following Early Progesterone Administration <sup>1</sup> . <i>Biology of Reproduction</i> , 2010, 82, 224-231.	2.7	46
196	Loci and pathways associated with uterine capacity for pregnancy and fertility in beef cattle. <i>PLoS ONE</i> , 2017, 12, e0188997.	2.5	46
197	Spatial differences in gene expression in the bovine oviduct. <i>Reproduction</i> , 2016, 152, 37-46.	2.6	44
198	Secretion of PGF <sub>2</sub> <sup>1</sup> and oxytocin during hyperthermia in cyclic and pregnant heifers. <i>Theriogenology</i> , 1993, 39, 1129-1141.	2.1	43

#	ARTICLE	IF	CITATIONS
199	Expression of Messenger Ribonucleic Acids for Fibroblast Growth Factors 7 and 10, Hepatocyte Growth Factor, and Insulin-Like Growth Factors and Their Receptors in the Neonatal Ovine Uterus <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 1236-1246.	2.7	43
200	Roles of Stat1, Stat2, and Interferon Regulatory Factor-9 (IRF-9) in Interferon Tau Regulation of IRF-11. <i>Biology of Reproduction</i> , 2002, 66, 393-400.	2.7	43
201	Identification of Beef Heifers with Superior Uterine Capacity for Pregnancy. <i>Biology of Reproduction</i> , 2016, 95, 47-47.	2.7	43
202	Neonatal Age and Period of Estrogen Exposure Affect Porcine Uterine Growth, Morphogenesis, and Protein Synthesis <sup>1</sup> . <i>Biology of Reproduction</i> , 1993, 48, 741-751.	2.7	42
203	â€œMÃ©nage Ã Troisâ€ The Evolutionary Interplay between JSRV, enJSRVs and Domestic Sheep. <i>Viruses</i> , 2014, 6, 4926-4945.	3.3	42
204	Rapid conceptus elongation in the pig: An interleukin 1 beta 2 and estrogenâ€regulated phenomenon. <i>Molecular Reproduction and Development</i> , 2017, 84, 760-774.	2.0	40
205	Neonatal exposure to progesterone and estradiol alters uterine morphology and luminal protein content in adult beef heifers. <i>Theriogenology</i> , 1995, 43, 835-844.	2.1	39
206	Conceptus-Derived Prostaglandins Regulate Endometrial Function in Sheep <sup>1</sup> . <i>Biology of Reproduction</i> , 2012, 87, 9, 1-7.	2.7	39
207	ISOLATION, IMMORTALIZATION, AND INITIAL CHARACTERIZATION OF UTERINE CELL LINES: AN IN VITRO MODEL SYSTEM FOR THE PORCINE UTERUS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2000, 36, 650.	1.5	38
208	Interferon-ã, (IFNã,) Regulation of IFN-Stimulated Gene Expression in Cell Lines Lacking Specific IFN-Signaling Components*. <i>Endocrinology</i> , 2001, 142, 1786-1794.	2.8	38
209	Integrated chromatin immunoprecipitation sequencing and microarray analysis identifies FOXA2 target genes in the glands of the mouse uterus. <i>FASEB Journal</i> , 2014, 28, 230-243.	0.5	38
210	Characterization and regulation of extracellular vesicles in the lumen of the ovine uterusâ€. <i>Biology of Reproduction</i> , 2020, 102, 1020-1032.	2.7	38
211	Sheep Uterine Gland Knockout (UGKO) Model. , 2006, 121, 083-092.		37
212	Receptor Transporter Protein 4 (RTP4) in Endometrium, Ovary, and Peripheral Blood Leukocytes of Pregnant and Cyclic Ewes <sup>1</sup> . <i>Biology of Reproduction</i> , 2008, 79, 518-524.	2.7	37
213	Peroxisome Proliferator Activator Receptor Gamma (PPARG) Regulates Conceptus Elongation in Sheep <sup>1</sup> . <i>Biology of Reproduction</i> , 2015, 92, 42.	2.7	37
214	Estrogen and Antiestrogen Effects on Neonatal Ovine Uterine Development <sup>1</sup> . <i>Biology of Reproduction</i> , 2003, 69, 708-717.	2.7	36
215	Progesterone regulation of the endometrial WNT system in the ovine uterus. <i>Reproduction, Fertility and Development</i> , 2008, 20, 935.	0.4	36
216	In vitro models of the human endometrium: evolution and application for womenâ€™s health+. <i>Biology of Reproduction</i> , 2021, 104, 282-293.	2.7	36

#	ARTICLE	IF	CITATIONS
217	Effects of interferon-tau and progesterone on oestrogen-stimulated expression of receptors for oestrogen, progesterone and oxytocin in the endometrium of ovariectomized ewes. <i>Reproduction, Fertility and Development</i> , 1996, 8, 843.	0.4	36
218	Monocyte Chemotactic Protein-1 and -2 Messenger Ribonucleic Acids in the Ovine Uterus: Regulation by Pregnancy, Progesterone, and Interferon- $\tau$ . <i>Biology of Reproduction</i> , 2001, 64, 992-1000.	2.7	35
219	Select Nutrients in the Ovine Uterine Lumen. VI. Expression of FK506-Binding Protein 12-Rapamycin Complex-Associated Protein 1 (FRAP1) and Regulators and Effectors of mTORC1 and mTORC2 Complexes in Ovine Uteri and Conceptuses. <i>Biology of Reproduction</i> , 2009, 81, 87-100.	2.7	35
220	Bovine endometrium responds differentially to age-matched short and long conceptuses. <i>Biology of Reproduction</i> , 2019, 101, 26-39.	2.7	35
221	Matrix Metalloproteinases and Their Tissue Inhibitors in the Developing Neonatal Mouse Uterus. <i>Biology of Reproduction</i> , 2004, 71, 1598-1604.	2.7	34
222	WNT Pathways in the Neonatal Ovine Uterus: Potential Specification of Endometrial Gland Morphogenesis by SFRP21. <i>Biology of Reproduction</i> , 2006, 74, 721-733.	2.7	33
223	Progesterone and Interferon Tau Regulate Hypoxia-Inducible Factors in the Endometrium of the Ovine Uterus. <i>Endocrinology</i> , 2008, 149, 1926-1934.	2.8	33
224	Tissue-specific regulation of porcine prolactin receptor expression by estrogen, progesterone, and prolactin. <i>Journal of Endocrinology</i> , 2009, 202, 153-166.	2.6	33
225	Cortisol and Interferon Tau Regulation of Endometrial Function and Conceptus Development in Female Sheep. <i>Endocrinology</i> , 2013, 154, 931-941.	2.8	33
226	Biological Roles of Hydroxysteroid (11-Beta) Dehydrogenase 1 (HSD11B1), HSD11B2, and Glucocorticoid Receptor (NR3C1) in Sheep Conceptus Elongation. <i>Biology of Reproduction</i> , 2015, 93, 38.	2.7	33
227	The Activin-Follistatin System in the Neonatal Ovine Uterus. <i>Biology of Reproduction</i> , 2003, 69, 843-850.	2.7	31
228	Cell-Specific Transcriptional Profiling Reveals Candidate Mechanisms Regulating Development and Function of Uterine Epithelia in Mice. <i>Biology of Reproduction</i> , 2013, 89, 86.	2.7	31
229	The brain-placental axis: Therapeutic and pharmacological relevancy to pregnancy. <i>Pharmacological Research</i> , 2019, 149, 104468.	7.1	31
230	Prolactin Regulation of Neonatal Ovine Uterine Gland Morphogenesis. <i>Endocrinology</i> , 2003, 144, 110-120.	2.8	30
231	Neonatal Estrogen Exposure Disrupts Uterine Development in the Postnatal Sheep. <i>Endocrinology</i> , 2004, 145, 3247-3257.	2.8	30
232	<i>NANOG</i> is required to form the epiblast and maintain pluripotency in the bovine embryo. <i>Molecular Reproduction and Development</i> , 2020, 87, 152-160.	2.0	30
233	Progesterone and interferon tau regulate leukemia inhibitory factor receptor and IL6ST in the ovine uterus during early pregnancy. <i>Reproduction</i> , 2009, 137, 553-565.	2.6	29
234	Fibroblast Growth Factor Receptor Two (FGFR2) Regulates Uterine Epithelial Integrity and Fertility in Mice. <i>Biology of Reproduction</i> , 2014, 90, 7.	2.7	29

#	ARTICLE	IF	CITATIONS
235	Neonatal Porcine Endometrial Development Involves Coordinated Changes in DNA Synthesis, Glycosaminoglycan Distribution, and 3H-Glucosamine Labeling1. <i>Biology of Reproduction</i> , 1993, 48, 729-740.	2.7	27
236	Effects of Exogenous Recombinant Ovine Interferon Tau on Circulating Concentrations of Progesterone, Cortisol, Luteinizing Hormone, and Antiviral Activity; Interestrous Interval; Rectal Temperature; and Uterine Response to Oxytocin in Cyclic Ewes1. <i>Biology of Reproduction</i> , 1997, 57, 621-629.	2.7	27
237	Ovarian Regulation of Endometrial Gland Morphogenesis and Activin-Follistatin System in the Neonatal Ovine Uterus1. <i>Biology of Reproduction</i> , 2003, 69, 851-860.	2.7	27
238	Capture and metabolomic analysis of the human endometrial epithelial organoid secretome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
239	Endocrinology of the Transition from Recurring Estrous Cycles to Establishment of Pregnancy in Subprimate Mammals. , 1998, , 1-34.		26
240	Viral Particles of Endogenous Betaretroviruses Are Released in the Sheep Uterus and Infect the Conceptus Trophectoderm in a Transspecies Embryo Transfer Model. <i>Journal of Virology</i> , 2010, 84, 9078-9085.	3.4	26
241	Evidence for functional interactions between the placenta and brain in pregnant mice. <i>FASEB Journal</i> , 2019, 33, 4261-4272.	0.5	26
242	Differential Expression of Cathepsins and Cystatin C in Ovine Uteroplacental Tissues. <i>Placenta</i> , 2007, 28, 1091-1098.	1.5	25
243	Actions of progesterone on uterine immunosuppression and endometrial gland development in the uterine gland knockout (UCKO) ewe. <i>Molecular Reproduction and Development</i> , 2005, 71, 347-357.	2.0	24
244	Progesterone and Placentation Increase Secreted Phosphoprotein One (SPP1 or Osteopontin) in Uterine Glands and Stroma for Histotrophic and Hematotrophic Support of Ovine Pregnancy1. <i>Biology of Reproduction</i> , 2008, 79, 983-990.	2.7	24
245	Progesterone and interferon tau-regulated genes in the ovine uterine endometrium: identification of periostin as a potential mediator of conceptus elongation. <i>Reproduction</i> , 2009, 138, 813-825.	2.6	24
246	Keratinocyte Growth Factor Is Up-Regulated by Estrogen in the Porcine Uterine Endometrium and Functions in Trophectoderm Cell Proliferation and Differentiation. <i>Endocrinology</i> , 2001, 142, 2303-2310.	2.8	24
247	Differential expression of ribosomal L31, Zis, gas-5 and mitochondrial mRNAs following oxidant induction of proliferative vascular smooth muscle cell phenotypes. <i>Atherosclerosis</i> , 2002, 160, 273-280.	0.8	22
248	Galectin-15 in ovine uteroplacental tissues. <i>Reproduction</i> , 2005, 130, 231-240.	2.6	22
249	Endometrial HSD11B1 and Cortisol Regeneration in the Ovine Uterus: Effects of Pregnancy, Interferon Tau, and Prostaglandins1. <i>Biology of Reproduction</i> , 2012, 86, 124.	2.7	22
250	Validation of 46 loci associated with female fertility traits in cattle. <i>BMC Genomics</i> , 2019, 20, 576.	2.8	22
251	The IGF system in the neonatal ovine uterus. <i>Reproduction</i> , 2005, 129, 337-347.	2.6	21
252	Do differences in the endometrial transcriptome between uterine horns ipsilateral and contralateral to the corpus luteum influence conceptus growth to day 14 in cattle?â€. <i>Biology of Reproduction</i> , 2019, 100, 86-100.	2.7	21

#	ARTICLE	IF	CITATIONS
253	Integrative analysis of the forkhead box A2 (FOXA2) cistrome for the human endometrium. <i>FASEB Journal</i> , 2019, 33, 8543-8554.	0.5	21
254	Identification of Loci and Pathways Associated with Heifer Conception Rate in U.S. Holsteins. <i>Genes</i> , 2020, 11, 767.	2.4	21
255	Discovery and Characterization of Endometrial Epithelial Messenger Ribonucleic Acids Using the Ovine Uterine Gland Knockout Model. <i>Endocrinology</i> , 1999, 140, 4070-4080.	2.8	21
256	Sexually Dimorphic Gene Expression in Bovine Conceptuses at the Initiation of Implantation. <i>Biology of Reproduction</i> , 2016, 95, 92-92.	2.7	20
257	Interferon- $\beta$ Activates Multiple Signal Transducer and Activator of Transcription Proteins and Has Complex Effects on Interferon-Responsive Gene Transcription in Ovine Endometrial Epithelial Cells. <i>Endocrinology</i> , 2001, 142, 98-107.	2.8	20
258	Analysis of the uterine lumen in fertility-classified heifers: I. Glucose, prostaglandins, and lipids. <i>Biology of Reproduction</i> , 2020, 102, 456-474.	2.7	19
259	Pregnancy and interferon $\beta$ , regulate DDX58 and PLSCR1 in the ovine uterus during the peri-implantation period. <i>Reproduction</i> , 2011, 141, 127-138.	2.6	18
260	Extracellular vesicles: Novel regulators of conceptus-uterine interactions?. <i>Theriogenology</i> , 2020, 150, 106-112.	2.1	18
261	Trophectoderm-Specific Knockdown of LIN28 Decreases Expression of Genes Necessary for Cell Proliferation and Reduces Elongation of Sheep Conceptus. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2549.	4.1	18
262	Estrogen Disruption of Neonatal Ovine Uterine Development: Effects on Gene Expression Assessed by Suppression Subtraction Hybridization1. <i>Biology of Reproduction</i> , 2005, 73, 752-760.	2.7	17
263	Interferon regulatory factor 6 (IRF6) is expressed in the ovine uterus and functions as a transcriptional activator. <i>Molecular and Cellular Endocrinology</i> , 2009, 299, 252-260.	3.2	17
264	Mating to Intact, but Not Vasectomized, Males Elicits Changes in the Endometrial Transcriptome: Insights From the Bovine Model. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 547.	3.7	17
265	Endogenous Retroviruses of Sheep: A Model System for Understanding Physiological Adaptation to an Evolving Ruminant Genome. <i>Journal of Reproduction and Development</i> , 2012, 58, 33-37.	1.4	16
266	Generation of Mouse for Conditional Expression of Forkhead Box A2. <i>Endocrinology</i> , 2018, 159, 1897-1909.	2.8	16
267	Effects of preovulatory estradiol on uterine environment and conceptus survival from fertilization to maternal recognition of pregnancy. <i>Biology of Reproduction</i> , 2018, 99, 629-638.	2.7	16
268	Identification of loci associated with conception rate in primiparous Holstein cows. <i>BMC Genomics</i> , 2019, 20, 840.	2.8	16
269	Analysis of the uterine lumen in fertility-classified heifers: II. Proteins and metabolites. <i>Biology of Reproduction</i> , 2020, 102, 571-587.	2.7	16
270	Ablation of conceptus PTGS2 expression does not alter early conceptus development and establishment of pregnancy in the pig. <i>Biology of Reproduction</i> , 2020, 102, 475-488.	2.7	16



#	ARTICLE	IF	CITATIONS
271	Cloning of the Ovine Estrogen Receptor- $\alpha$ Promoter and Functional Regulation by Ovine Interferon- $\alpha$ . <i>Endocrinology</i> , 2001, 142, 2879-2887.	2.8	15
272	Activin A and follistatin during the oestrous cycle and early pregnancy in ewes. <i>Journal of Endocrinology</i> , 2016, 228, 193-203.	2.6	14
273	Sexually dimorphic effects of forkhead box a2 (FOXA2) and uterine glands on decidualization and fetoplacental development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23952-23959.	7.1	14
274	Implantation and Placentation in Ruminants. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2021, 234, 129-154.	1.6	14
275	Conceptus-induced, interferon tau-dependent gene expression in bovine endometrial epithelial and stromal cells. <i>Biology of Reproduction</i> , 2021, 104, 669-683.	2.7	14
276	Methods for Studying Interferon Tau Stimulated Genes. , 2006, 122, 367-380.		13
277	Carbonic Anhydrase Regulate Endometrial Gland Development in the Neonatal Uterus1. <i>Biology of Reproduction</i> , 2005, 73, 131-138.	2.7	13
278	Reproductive biology in the era of genomics biology. <i>Theriogenology</i> , 2005, 64, 442-456.	2.1	13
279	Host Species Barriers to Jaagsiekte Sheep Retrovirus Replication and Carcinogenesis. <i>Journal of Virology</i> , 2013, 87, 10752-10762.	3.4	13
280	Conceptus interferon gamma is essential for establishment of pregnancy in the pig. <i>Biology of Reproduction</i> , 2021, 105, 1577-1590.	2.7	13
281	SPP1 expression in the mouse uterus and placenta: implications for implantation. <i>Biology of Reproduction</i> , 2021, 105, 892-904.	2.7	11
282	Interferon- $\alpha$ (IFN $\alpha$ ) Regulation of IFN-Stimulated Gene Expression in Cell Lines Lacking Specific IFN-Signaling Components. <i>Endocrinology</i> , 2001, 142, 1786-1794.	2.8	11
283	Maternal recognition of pregnancy: Comparative aspects. <i>Placenta</i> , 1998, 19, 375-386.	1.5	10
284	Ovine IFN- $\gamma$ , Modulates the Expression of MHC Antigens on Murine Cerebrovascular Endothelial Cells and Inhibits Replication of Theiler's Virus. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 785-792.	1.2	10
285	Postnatal uterine development in Inverdale ewe lambs. <i>Reproduction</i> , 2008, 135, 357-365.	2.6	10
286	Protein Synthesis by Day 16 Bovine Conceptuses during the Time of Maternal Recognition of Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2870.	4.1	10
287	Regulation of Endometrial Responsiveness to Estrogen and Progesterone by Pregnancy Recognition Signals During the Periimplantation Period. , 1995, , 27-47.		10
288	Sulfated glycoprotein-1 (SGP-1) expression in ovine endometrium during the oestrous cycle and early pregnancy. <i>Reproduction, Fertility and Development</i> , 1995, 7, 1053.	0.4	9

#	ARTICLE	IF	CITATIONS
289	Application of next generation sequencing in mammalian embryogenomics: Lessons learned from endogenous betaretroviruses of sheep. <i>Animal Reproduction Science</i> , 2012, 134, 95-103.	1.5	9
290	CRISPR Bacon: A Sizzling Technique to Generate Genetically Engineered Pigs. <i>Biology of Reproduction</i> , 2014, 91, 79.	2.7	9
291	The Sheep Tetherin Paralog oBST2B Blocks Envelope Glycoprotein Incorporation into Nascent Retroviral Virions. <i>Journal of Virology</i> , 2015, 89, 535-544.	3.4	9
292	Progesterone Signaling in Endometrial Epithelial Organoids. <i>Cells</i> , 2022, 11, 1760.	4.1	9
293	Validation of an interferon stimulatory response element reporter gene assay for quantifying type I interferons. <i>Domestic Animal Endocrinology</i> , 2014, 47, 22-26.	1.6	8
294	Prostaglandinâ€endoperoxide synthase 2 is not required for preimplantation ovine conceptus development in sheep. <i>Molecular Reproduction and Development</i> , 2020, 87, 142-151.	2.0	8
295	Uterine lumen fluid is metabolically semi-autonomous. <i>Communications Biology</i> , 2022, 5, 191.	4.4	8
296	<i>Staphylococcus</i> -associated Abortions in Ewes with Long-term Central Venous Catheterization. <i>Veterinary Pathology</i> , 2008, 45, 881-888.	1.7	7
297	Uterine glands impact embryo survival and stromal cell decidualization in mice. <i>FASEB Journal</i> , 2021, 35, e21938.	0.5	7
298	Genomic Analysis of Spontaneous Abortion in Holstein Heifers and Primiparous Cows. <i>Genes</i> , 2019, 10, 954.	2.4	6
299	Placental Transcriptome Adaptations to Maternal Nutrient Restriction in Sheep. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7654.	4.1	6
300	Identification of Pathways Associated with Placental Adaptation to Maternal Nutrient Restriction in Sheep. <i>Genes</i> , 2020, 11, 1031.	2.4	5
301	Regulation of uterine genes during the periâ€implantation period, and its relationship to the maternal brain in gestating mice. <i>Molecular Reproduction and Development</i> , 2020, 87, 482-492.	2.0	5
302	Insights into the lipidome and primary metabolome of the uterus from day 14 cyclic and pregnant sheep. <i>Biology of Reproduction</i> , 2021, 105, 87-99.	2.7	5
303	Generation and analysis of <i>Prss28</i> and <i>Prss29</i> deficient mice using CRISPRâ€Cas9 genomeâ€editing. <i>Molecular Reproduction and Development</i> , 2021, 88, 482-489.	2.0	5
304	Dietary arginine supplementation reduces fat mass in dietâ€inducedâ€obese rats by improving glucose and fatty acid metabolism. <i>FASEB Journal</i> , 2007, 21, A328.	0.5	5
305	Interdisciplinary Collaborative Team for Blastocyst Implantation Research: inception and perspectives. <i>American Journal of Reproductive Immunology</i> , 2014, 71, 1-11.	1.2	4
306	Inserting Cre recombinase into the Prolactin 8a2 gene for <i>deciduaâ€specific</i> recombination in mice. <i>Genesis</i> , 2022, 60, e23473.	1.6	4

#	ARTICLE	IF	CITATIONS
307	Pregnancy and interferon tau regulate N-myc interactor in the ovine uterus. Domestic Animal Endocrinology, 2011, 40, 87-97.	1.6	3
308	Hormones and Pregnancy in Eutherian Mammals. , 2011, , 73-94.		3
309	Uterine Glands. , 2005, , 186-201.		2
310	Interferon Tau in the Ovine Uterus. Journal of Animal Science and Technology, 2009, 51, 471-484.	2.5	2
311	Trophectoderm Transcriptome Analysis in LIN28 Knockdown Ovine Conceptuses Suggests Diverse Roles of the LIN28-let-7 Axis in Placental and Fetal Development. Cells, 2022, 11, 1234.	4.1	2
312	Trophoblast biology: Forum introduction. Reproductive Biology and Endocrinology, 2004, 2, 45.	3.3	1
313	Induction of ovine trophoblast cell fusion by fematrinâ€1 <i>in vitro</i>. Animal Science Journal, 2016, 87, 419-422.	1.4	1
314	Hormones and Pregnancy in Eutherian Mammals. , 2011, , 73-94.		1
315	Development of an Improved in vitro Model of Bovine Trophectoderm Differentiation. Frontiers in Animal Science, 0, 3, .	1.9	1
316	Hormonal manipulation of endometrial gland development in the horse. Equine Veterinary Journal, 2009, 41, 617-618.	1.7	0
317	Physiological Genomics of Conceptus-Endometrial Interactions Mediating Corpus Luteum Rescue. , 2010, , 231-249.		0
318	Growth and Development: Periâ€Implantation Embryo. , 2011, , 593-596.		0
319	The Evolutionary Interplay Between Exogenous and Endogenous Sheep Betaretroviruses. , 2012, , 293-307.		0
320	Content and Volume Overview. , 2018, , 1-2.		0
321	Jaagsiekte Sheep Retrovirus (Retroviridae). , 2021, , 575-582.		0
322	<b>Uterine Glands: Development Biology and Function During Pregnancy<b>. Annual Review of Biomedical Sciences, 2006, 3, .	0.5	0
323	Maternal recognition of pregnancy. Reproductive Medicine and Assisted Reproductive Techniques Series, 2008, , 260-285.	0.1	0
324	Content and Volume Overview. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
325	Impact of preovulatory estradiol concentrations on subsequent luteal function in beef cattle. <i>Systems Biology in Reproductive Medicine</i> , 2022, , 1-12.	2.1	0
326	Gene editing provides a tool to investigate genes involved in reproduction of pigs. <i>Molecular Reproduction and Development</i> , 2023, 90, 459-468.	2.0	0