

Thomas Edward Spencer

List of Publications by Year in descending order

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325
papers

29,292
citations

3515

90
h-index

6979

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.	13.7	1,153
2	Arginine metabolism and nutrition in growth, health and disease. <i>Amino Acids</i> , 2009, 37, 153-168.	1.2	1,009
3	BOARD-INVITED REVIEW: Intrauterine growth retardation: Implications for the animal sciences ¹ . <i>Journal of Animal Science</i> , 2006, 84, 2316-2337.	0.2	913
4	Maternal Nutrition and Fetal Development. <i>Journal of Nutrition</i> , 2004, 134, 2169-2172.	1.3	739
5	Proline and hydroxyproline metabolism: implications for animal and human nutrition. <i>Amino Acids</i> , 2011, 40, 1053-1063.	1.2	512
6	Evidence for Placental Abnormality as the Major Cause of Mortality in First-Trimester Somatic Cell Cloned Bovine Fetuses ¹ . <i>Biology of Reproduction</i> , 2000, 63, 1787-1794.	1.2	407
7	Revealing the History of Sheep Domestication Using Retrovirus Integrations. <i>Science</i> , 2009, 324, 532-536.	6.0	402
8	Developmental Biology of Uterine Glands ¹ . <i>Biology of Reproduction</i> , 2001, 65, 1311-1323.	1.2	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.	1.6	363
10	Comparative aspects of implantation. <i>Reproduction</i> , 2009, 138, 195-209.	1.1	309
11	Dietary L-Arginine Supplementation Reduces Fat Mass in Zucker Diabetic Fatty Rats. <i>Journal of Nutrition</i> , 2005, 135, 714-721.	1.3	305
12	Endometrial Glands Are Required for Preimplantation Conceptus Elongation and Survival ¹ . <i>Biology of Reproduction</i> , 2001, 64, 1608-1613.	1.2	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 ¹ . <i>Biology of Reproduction</i> , 2004, 71, 2-10.	1.2	297
15	Novel pathways for implantation and establishment and maintenance of pregnancy in mammals. <i>Molecular Human Reproduction</i> , 2010, 16, 135-152.	1.3	295
16	Evidence for altered placental blood flow and vascularity in compromised pregnancies. <i>Journal of Physiology</i> , 2006, 572, 51-58.	1.3	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 ¹ . <i>Biology of Reproduction</i> , 1995, 53, 1527-1543.	1.2	285
18	Osteopontin: Roles in Implantation and Placentation ¹ . <i>Biology of Reproduction</i> , 2003, 69, 1458-1471.	1.2	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.	1.2	277
20	Implantation mechanisms: insights from the sheep. <i>Reproduction</i> , 2004, 128, 657-668.	1.1	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.	0.1	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.	1.1	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.	3.3	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.	1.3	241
25	Genes involved in conceptusâ€“endometrial interactions in ruminants: insights from reductionism and thoughts on holistic approaches. <i>Reproduction</i> , 2008, 135, 165-179.	1.1	239
26	Conceptus signals for establishment and maintenance of pregnancy. <i>Reproductive Biology and Endocrinology</i> , 2004, 2, 49.	1.4	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.	3.3	228
28	Important roles for the arginine family of amino acids in swine nutrition and production. <i>Livestock Science</i> , 2007, 112, 8-22.	0.6	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.	1.2	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.	1.1	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.	0.2	191
33	Muc-1, Integrin, and Osteopontin Expression During the Implantation Cascade in Sheep1. <i>Biology of Reproduction</i> , 2001, 65, 820-828.	1.2	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.	1.2	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.	0.9	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.	3.3	177

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37	Progesterone Regulation of Preimplantation Conceptus Growth and Galectin 15 (LGALS15) in the Ovine Uterus1. <i>Biology of Reproduction</i> , 2006, 75, 289-296.	1.2	171
38	Proline metabolism in the conceptus: implications for fetal growth and development. <i>Amino Acids</i> , 2008, 35, 691-702.	1.2	171
39	Identification of Endometrial Genes Regulated by Early Pregnancy, Progesterone, and Interferon Tau in the Ovine Uterus1. <i>Biology of Reproduction</i> , 2006, 74, 383-394.	1.2	162
40	Uterine glands: development, function and experimental model systems. <i>Molecular Human Reproduction</i> , 2013, 19, 547-558.	1.3	155
41	Integrins and Extracellular Matrix Proteins at the Maternal-Fetal Interface in Domestic Animals. <i>Cells Tissues Organs</i> , 2002, 172, 202-217.	1.3	148
42	Pharmacokinetics and Safety of Arginine Supplementation in Animals. <i>Journal of Nutrition</i> , 2007, 137, 1673S-1680S.	1.3	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.	3.3	140
44	Postnatal Deletion of Wnt7a Inhibits Uterine Gland Morphogenesis and Compromises Adult Fertility in Mice1. <i>Biology of Reproduction</i> , 2011, 85, 386-396.	1.2	140
45	Interferon Regulatory Factor-Two Restricts Expression of Interferon-Stimulated Genes to the Endometrial Stroma and Glandular Epithelium of the Ovine Uterus1. <i>Biology of Reproduction</i> , 2001, 65, 1038-1049.	1.2	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.	1.4	139
47	Polyamine Synthesis from Proline in the Developing Porcine Placenta1. <i>Biology of Reproduction</i> , 2005, 72, 842-850.	1.2	139
48	Extracellular Vesicles Originate from the Conceptus and Uterus During Early Pregnancy in Sheep1. <i>Biology of Reproduction</i> , 2016, 94, 56.	1.2	136
49	A Paradigm for Virus-Host Coevolution: Sequential Counter-Adaptations between Endogenous and Exogenous Retroviruses. <i>PLoS Pathogens</i> , 2007, 3, e170.	2.1	135
50	Ovine Osteopontin: II. Osteopontin and $\alpha_2\beta_1$ Integrin Expression in the Uterus and Conceptus During the Periimplantation Period1. <i>Biology of Reproduction</i> , 1999, 61, 892-899.	1.2	134
51	Maternal Nutrient Restriction Reduces Concentrations of Amino Acids and Polyamines in Ovine Maternal and Fetal Plasma and Fetal Fluids1. <i>Biology of Reproduction</i> , 2004, 71, 901-908.	1.2	134
52	Prostaglandins Regulate Conceptus Elongation and Mediate Effects of Interferon Tau on the Ovine Uterine Endometrium1. <i>Biology of Reproduction</i> , 2011, 84, 1119-1127.	1.2	132
53	Prolactin Receptor and Uterine Milk Protein Expression in the Ovine Endometrium During the Estrous Cycle and Pregnancy1. <i>Biology of Reproduction</i> , 2000, 62, 1779-1789.	1.2	131
54	Epithelial progesterone receptor exhibits pleiotropic roles in uterine development and function. <i>FASEB Journal</i> , 2012, 26, 1218-1227.	0.2	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.	1.2	129
56	Uterine Vein Infusion of Interferon Tau (IFNT) Extends Luteal Life Span in Ewes ¹ . <i>Biology of Reproduction</i> , 2010, 82, 725-735.	1.2	129
57	Expression of the Interferon Tau Inducible Ubiquitin Cross-Reactive Protein in the Ovine Uterus ¹ . <i>Biology of Reproduction</i> , 1999, 61, 312-318.	1.2	126
58	Effects of Recombinant Ovine Interferon Tau, Placental Lactogen, and Growth Hormone on the Ovine Uterus ¹ . <i>Biology of Reproduction</i> , 1999, 61, 1409-1418.	1.2	126
59	Comparative Developmental Biology of the Mammalian Uterus. <i>Current Topics in Developmental Biology</i> , 2005, 68, 85-122.	1.0	126
60	Amino acids and gaseous signaling. <i>Amino Acids</i> , 2009, 37, 65-78.	1.2	125
61	Ovine Interferon- τ , Regulates Expression of Endometrial Receptors for Estrogen and Oxytocin but not Progesterone ¹ . <i>Biology of Reproduction</i> , 1995, 53, 732-745.	1.2	123
62	Developmental Changes of Amino Acids in Ovine Fetal Fluids ¹ . <i>Biology of Reproduction</i> , 2003, 68, 1813-1820.	1.2	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.	3.3	123
64	Uterine Glands: Developmental Biology and Functional Roles in Pregnancy. <i>Endocrine Reviews</i> , 2019, 40, 1424-1445.	8.9	121
65	Uterine glands: biological roles in conceptus implantation, uterine receptivity and decidualization. <i>International Journal of Developmental Biology</i> , 2014, 58, 107-116.	0.3	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.	2.1	119
67	Interferons and Uterine Receptivity. <i>Seminars in Reproductive Medicine</i> , 2009, 27, 090-102.	0.5	118
68	Uterine glands coordinate on-time embryo implantation and impact endometrial decidualization for pregnancy success. <i>Nature Communications</i> , 2018, 9, 2435.	5.8	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.	1.5	116
70	Uterine receptivity to implantation of blastocysts in mammals. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 745-767.	0.8	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.	3.3	115
72	Ovine Uterine Gland Knock-Out Model: Effects of Gland Ablation on the Estrous Cycle ¹ . <i>Biology of Reproduction</i> , 2000, 62, 448-456.	1.2	113

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73	Parenteral Administration of L-Arginine Prevents Fetal Growth Restriction in Undernourished Ewes ,. Journal of Nutrition, 2010, 140, 1242-1248.	1.3	113
74	The role of progesterone and conceptus-derived factors in uterine biology during early pregnancy in ruminants. Journal of Dairy Science, 2016, 99, 5941-5950.	1.4	111
75	Wnt Genes in the Mouse Uterus: Potential Regulation of Implantation1. Biology of Reproduction, 2009, 80, 989-1000.	1.2	110
76	Molecular Cloning and Functional Analysis of Three Type D Endogenous Retroviruses of Sheep Reveal a Different Cell Tropism from That of the Highly Related Exogenous Jaagsiekte Sheep Retrovirus. Journal of Virology, 2000, 74, 8065-8076.	1.5	107
77	Comparative developmental biology of the uterus: Insights into mechanisms and developmental disruption. Molecular and Cellular Endocrinology, 2012, 354, 34-53.	1.6	106
78	Effects of the Estrous Cycle and Early Pregnancy on Uterine Expression of Mx Protein in Sheep (Ovis Tj ETQq0 0 0 ggBT /Overlock 10 Tf	1.2	104
79	Chemopreventive n-3 fatty acids activate RXRÂ in colonocytes. Carcinogenesis, 2003, 24, 1541-1548.	1.3	104
80	Discovery and Characterization of Endometrial Epithelial Messenger Ribonucleic Acids Using the Ovine Uterine Gland Knockout Model1. Endocrinology, 1999, 140, 4070-4080.	1.4	103
81	Select Nutrients in the Ovine Uterine Lumen. II. Glucose Transporters in the Uterus and Peri-Implantation Conceptuses1. Biology of Reproduction, 2009, 80, 94-104.	1.2	101
82	Amino Acids in the Uterine Luminal Fluid Reflects the Temporal Changes in Transporter Expression in the Endometrium and Conceptus during Early Pregnancy in Cattle. PLoS ONE, 2014, 9, e100010.	1.1	101
83	Proteomic analysis of uterine fluid during the pre-implantation period of pregnancy in cattle. Reproduction, 2014, 147, 575-587.	1.1	100
84	Endometrial Glands Are Essential for Blastocyst Implantation and Decidualization in the Mouse Uterus. Biology of Reproduction, 2013, 88, 93.	1.2	99
85	Ovine Osteopontin: I. Cloning and Expression of Messenger Ribonucleic Acid in the Uterus During the Periimplantation Period1. Biology of Reproduction, 1999, 61, 884-891.	1.2	98
86	Paracrine and endocrine actions of interferon tau (IFNT). Reproduction, 2017, 154, F45-F59.	1.1	98
87	Conceptus-derived prostaglandins regulate gene expression in the endometrium prior to pregnancy recognition in ruminants. Reproduction, 2013, 146, 377-387.	1.1	97
88	Pregnancy recognition in ruminants, pigs and horses: Signals from the trophoblast. Theriogenology, 1994, 41, 79-94.	0.9	95
89	Interferon-Î, Activates Multiple Signal Transducer and Activator of Transcription Proteins and Has Complex Effects on Interferon-Responsive Gene Transcription in Ovine Endometrial Epithelial Cells**This work was supported by NIH Grant HD-32534 (to F.W.B. and T.E.S.) and in part by NIH Grant P30-ES-09106. The publication costs of this article were defrayed in part by the payment of page charges. The article must therefore be hereby marked advertisement in accordance with 18 U.S.C. Section 1734 solely to indicate. Endocrinology, 2001, 142, 98-107.	1.4	95
90	Parenteral Administration of L-Arginine Enhances Fetal Survival and Growth in Sheep Carrying Multiple Fetuses1â€“3. Journal of Nutrition, 2011, 141, 849-855.	1.3	95

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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.	3.3	93
92	Keratinocyte Growth Factor: Expression by Endometrial Epithelia of the Porcine Uterus. Biology of Reproduction, 2000, 62, 1772-1778.	1.2	92
93	Endogenous betaretroviruses of sheep: teaching new lessons in retroviral interference and adaptation. Journal of General Virology, 2004, 85, 1-13.	1.3	92
94	Estrogen Regulates Transcription of the Ovine Oxytocin Receptor Gene through GC-Rich SP1 Promoter Elements. Endocrinology, 2006, 147, 899-911.	1.4	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.	1.2	92
96	Developmental Changes in Polyamine Levels and Synthesis in the Ovine Conceptus1. Biology of Reproduction, 2003, 69, 1626-1634.	1.2	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.	1.2	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.	1.0	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.	0.2	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.	3.3	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.	1.2	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.	1.2	88
103	WNTs in the Neonatal Mouse Uterus: Potential Regulation of Endometrial Gland Development. Biology of Reproduction, 2011, 84, 308-319.	1.2	88
104	FOXO1 regulates uterine epithelial integrity and progesterone receptor expression critical for embryo implantation. PLoS Genetics, 2018, 14, e1007787.	1.5	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.	1.2	87
106	Progesterone Modulation of Osteopontin Gene Expression in the Ovine Uterus1. Biology of Reproduction, 2000, 62, 1315-1321.	1.2	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.	1.2	86
108	Biological Roles of Uterine Glands in Pregnancy. Seminars in Reproductive Medicine, 2014, 32, 346-357.	0.5	86

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109	Estrogen Enhances Endometrial Estrogen Receptor Gene Expression by a Posttranscriptional Mechanism in the Ovariectomized Ewe ¹ . <i>Biology of Reproduction</i> , 1996, 54, 591-599.	1.2	85
110	Cathepsins in the Ovine Uterus: Regulation by Pregnancy, Progesterone, and Interferon Tau. <i>Endocrinology</i> , 2005, 146, 4825-4833.	1.4	85
111	Development and Characterization of Immortalized Ovine Endometrial Cell Lines ¹ . <i>Biology of Reproduction</i> , 1999, 61, 1324-1330.	1.2	84
112	Oviduct-Embryo Interactions in Cattle: Two-Way Traffic or a One-Way Street? ¹ . <i>Biology of Reproduction</i> , 2015, 92, 144.	1.2	84
113	Identification of Genes in the Ovine Endometrium Regulated by Interferon γ , Independent of Signal Transducer and Activator of Transcription 1. <i>Endocrinology</i> , 2003, 144, 5203-5214.	1.4	83
114	Expression of Interferon Receptor Subunits, IFNAR1 and IFNAR2, in the Ovine Uterus ¹ . <i>Biology of Reproduction</i> , 2002, 67, 847-853.	1.2	81
115	Pregnancy and Interferon Tau Regulate Major Histocompatibility Complex Class I and β 2-Microglobulin Expression in the Ovine Uterus ¹ . <i>Biology of Reproduction</i> , 2003, 68, 1703-1710.	1.2	81
116	Glutamine Synthesis in the Developing Porcine Placenta ¹ . <i>Biology of Reproduction</i> , 2004, 70, 1444-1451.	1.2	81
117	Interplay between Ovine Bone Marrow Stromal Cell Antigen 2/Tetherin and Endogenous Retroviruses. <i>Journal of Virology</i> , 2010, 84, 4415-4425.	1.5	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.	1.5	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.	1.2	80
120	γ -Interferon: Pregnancy Recognition Signal in Ruminants. <i>Experimental Biology and Medicine</i> , 1996, 213, 215-229.	1.1	79
121	Progesterone Regulates FGF10, MET, IGFBP1, and IGFBP3 in the Endometrium of the Ovine Uterus ¹ . <i>Biology of Reproduction</i> , 2008, 79, 1226-1236.	1.2	79
122	Neonatal Ovine Uterine Development Involves Alterations in Expression of Receptors for Estrogen, Progesterone, and Prolactin ¹ . <i>Biology of Reproduction</i> , 2000, 63, 1192-1204.	1.2	78
123	Osteopontin Expression in Uterine Stroma Indicates a Decidualization-Like Differentiation During Ovine Pregnancy. <i>Biology of Reproduction</i> , 2003, 68, 1951-1958.	1.2	77
124	Pregnancy and interferon tau regulate RSAD2 and IFIH1 expression in the ovine uterus. <i>Reproduction</i> , 2007, 133, 285-295.	1.1	77
125	Effects of Low Progesterone on the Endometrial Transcriptome in Cattle ¹ . <i>Biology of Reproduction</i> , 2012, 87, 124.	1.2	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.	1.0	76

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127	Effects of Neonatal Progesterin Exposure on Female Reproductive Tract Structure and Function in the Adult Ewe ¹ . <i>Biology of Reproduction</i> , 2001, 64, 797-804.	1.2	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.	1.3	74
129	Implantation and Establishment of Pregnancy in Ruminants. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, 216, 105-135.	1.0	74
130	Interferon-Tau and Progesterone Regulate Ubiquitin Cross-Reactive Protein Expression in the Ovine Uterus ¹ . <i>Biology of Reproduction</i> , 2000, 62, 622-627.	1.2	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.	1.5	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.	1.3	73
133	â€œConceptualizingâ€™ the Endometrium: Identification of Conceptus-Derived Proteins During Early Pregnancy in Cattle ¹ . <i>Biology of Reproduction</i> , 2015, 92, 156.	1.2	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 ¹ . <i>Biology of Reproduction</i> , 2011, 84, 70-78.	1.2	72
135	Expression of Interferon Regulatory Factors One and Two in the Ovine Endometrium: Effects of Pregnancy and Ovine Interferon Tau ¹ . <i>Biology of Reproduction</i> , 1998, 58, 1154-1162.	1.2	70
136	Expression of Porcine Endometrial Prostaglandin Synthase During the Estrous Cycle and Early Pregnancy, and Following Endocrine Disruption of Pregnancy ¹ . <i>Biology of Reproduction</i> , 2006, 74, 1007-1015.	1.2	70
137	Role of progesterone in embryo development in cattle. <i>Reproduction, Fertility and Development</i> , 2016, 28, 66.	0.1	69
138	Developmental Changes in Nitric Oxide Synthesis in the Ovine Placenta ¹ . <i>Biology of Reproduction</i> , 2004, 70, 679-686.	1.2	67
139	Progesterone and Interferon- γ , Regulate Cystatin C in the Endometrium. <i>Endocrinology</i> , 2006, 147, 3478-3483.	1.4	67
140	Tight and Adherens Junctions in the Ovine Uterus: Differential Regulation by Pregnancy and Progesterone. <i>Endocrinology</i> , 2007, 148, 3922-3931.	1.4	67
141	Progesterone Inhibits Uterine Gland Development in the Neonatal Mouse Uterus ¹ . <i>Biology of Reproduction</i> , 2012, 86, 146, 1-9.	1.2	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.	1.1	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.	1.3	65
144	Uterine glands impact uterine receptivity, luminal fluid homeostasis and blastocyst implantation. <i>Scientific Reports</i> , 2016, 6, 38078.	1.6	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.	1.2	64
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